

**PHASE II ENVIRONMENTAL SITE INVESTIGATION REPORT
OF**

**PROPOSED PUBLIC SCHOOL
168 8th STREET AND 197 9th STREET
BROOKLYN, NY 11215
BLOCK 1003, LOT 11**

**NYCSCA LLW NO. 052739
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EXECUTIVE SUMMARY

At the request of the New York City School Construction Authority (NYCSCA), TRC Engineers, Inc. (TRC) conducted a Phase II Environmental Site Investigation (ESI) of the proposed public school facility located at 168 8th Street and 197 9th Street (Block 1003, Lot 11), Brooklyn, NY 11215 (hereafter referred to as the “Site”). The Site encompasses approximately 13,500 square feet and is currently a concrete- and asphalt-paved vacant lot. TRC understands that in conjunction with the adjacent lot (Lot 59), the planned Site development includes the construction of a public school facility.

The Site is located in an area primarily consisting of low- and mid-rise residential, commercial, and institutional buildings. The Site is bordered to the north by 8th Street followed by a two-story commercial building and three-story residential buildings. The Site is bordered to the east by a one-story vacant building and three-story residential buildings. The Site is bordered to the west by a one-story institutional building (“American Legion Hall”) with a parking lot followed by a one-story commercial building with a parking lot (“Enterprise Rent-A-Car”) and four-story residential buildings with one first-floor commercial tenant. The Site is bordered to the south by 9th Street followed by a one-story commercial building (“Top Notch Auto Repair”) and three-story residential buildings.

TRC performed a Phase I Environmental Site Assessment (ESA) for the Site and east adjoining property (Block 1003, Lot 59 located at 203 9th Street, Brooklyn, NY) for the NYCSCA. The Phase I ESA, dated May 27, 2011, identified the following on-Site Recognized Environmental Conditions (RECs) and/or Vapor Encroachment Conditions (VECs) associated with Block 1003, Lot 11: the potential presence of buried structures from former on-site structures and historic fill from unknown sources; and the historic use of the Site as an ink manufacturer, a chemical laboratory, and a textile factory. The Phase I ESA identified numerous off-site RECs including the historic and current usage of nearby properties as manufacturing companies, factories, a printing facility, automobile repair facilities, garages with gasoline tanks, a fuel oil company, an undertaker, dry cleaning/laundry facilities, a tire shop, and a filling station. Additionally, nearby sites with the potential to impact the Site are listed in regulatory databases for generation of hazardous waste and petroleum bulk storage. The Phase I ESA also revealed environmental concerns associated with suspect asbestos-containing materials (ACM), lead-based paint (LBP), and polychlorinated biphenyl-(PCB-) containing materials in suspect buried structures and debris associated with former structures on the Site.

The purpose of the Phase II ESI was two-fold: 1) determine if the RECs, VECs, and environmental concerns identified in the Phase I ESA require special consideration and/or affect the suitability of the Site for use as a public school facility; and, 2) preliminarily characterize the environmental condition of the soil anticipated to be excavated for development of the new school facility. Phase II ESI field activities were performed on June 30, 2011, November 12, 16, and 19, 2012, and January 8 and 9, 2013. The investigation consisted of geophysical surveys; the advancement of soil borings; and, the collection and laboratory analysis of soil vapor, ambient air, soil, and groundwater samples. Based on the results of the Phase II ESI, TRC concludes the following:

- The geophysical surveys did not reveal evidence of utilities or buried structures in the vicinity of the soil borings.
- Seven (7) soil vapor samples were collected and analyzed for VOCs. Petroleum- and chlorinated solvent-related compounds were detected in the soil vapor samples at concentrations exceeding comparison criteria. Two compounds, PCE and TCE, were detected at concentrations above the

NYSDOH AGVs in one or more samples. The results of analyses of soil vapor samples were also evaluated with respect to the matrices in the NYSDOH “Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York”, dated October 2006 (NYSDOH Guidance), which indicates that mitigation is the recommended action, regardless of indoor air concentrations.

- One (1) outdoor air sample was collected at the Site and analyzed for VOCs. There were no VOCs detected in ambient air at concentrations exceeding the range of published background concentrations.
- Twelve (12) soil borings were advanced on the Site to a maximum depth of 20 feet bgs. Groundwater was encountered at the Site at depths ranging from approximately 13 to 19 feet bgs. Visual and olfactory indications of contamination were observed in one soil boring (TRC-SB-6) at a depth of 19 to 20 feet bgs which is below the depth water was encountered. Twenty-six (26) soil samples, plus two duplicate soil samples; and ten (10) groundwater samples, plus two duplicate groundwater samples, were submitted for laboratory analysis.
- The results of the analyses of soil samples revealed that two VOCs, naphthalene, and 1,2,4-trimethylbenzene, were detected in one soil sample (TRC-SB-6) at concentrations above Unrestricted Use SCOs and/or NYSDEC CP-51 SCLs. TRC attributes the detected VOC concentrations exceeding the regulatory criteria to the evidence of petroleum contamination identified in this soil interval. It should be noted that soil samples collected from this soil boring above the water table did not exhibit evidence of petroleum impacts and the groundwater sample collected at this location did not contain petroleum-related VOCs at concentrations exceeding comparison criteria.
- Although detected at concentrations below the Unrestricted Use SCOs, TCE was present in shallow soil samples (approximately 1 to 4 feet bgs) collected from borings TRC-SB-1, TRC-SB-2, TRC-SB-3, TRC-SB-13, and TRC-SB-16 and in deeper soil samples (at the interval above the observed water table) collected from soil borings TRC-SB-3, TRC-SB-4 and TRC-SB-13. The presence of TCE in shallow soil may be attributable to former Site uses and in deeper soils from releases from a former dry cleaner present northwest of the Site.
- The metals chromium, copper, zinc, mercury, and nickel were detected in one or more soil samples at concentrations above Unrestricted Use SCOs. TRC attributes the detected metals concentrations exceeding the regulatory criteria to the characteristics of historic fill material at the Site since there was no evidence of contamination observed in these soil samples. The soil samples containing chromium at elevated concentrations were analyzed via the Toxicity Characteristic Leaching Procedure (TCLP) and the analyses indicate that the soil would not be characterized as hazardous waste. No SVOCs, PCBs, or pesticides were detected in the soil samples at concentrations above Unrestricted Use SCOs and/or CP-51 SCLs.
- Ten (10) groundwater samples and two duplicate groundwater samples were collected at the Site. Two VOCs, cis-1,2-dichloroethene and TCE, exceeded the corresponding Class GA Values in one or more groundwater samples collected from the northwest portion of the Site. The chlorinated VOCs detected in groundwater may be attributable to former Site uses or to a historic release from a former dry cleaner present northwest of the Site. Additionally, elevated concentrations of metals were detected in groundwater at the Site, which are attributed to the characteristics of the historic fill and/or Site soils. A comparison of the groundwater sampling results to the NYCDEP Sewer Use Discharge Limits indicate that treatment of dewatering

effluent is required prior to discharge to the sewer system due to the concentration of total suspended solids and TCE.

If the NYCSCA wishes to acquire the Site, and to address the RECs, VECs, and environmental concerns that require special considerations and/or affect the suitability of the Site for use as a school facility, TRC recommends the following:

- Based on the detected concentrations of chlorinated solvent-related VOCs in soil vapor and groundwater, it is likely that some form of groundwater remediation (other than monitored natural attenuation) will be required. A formal agreement (e.g., Brownfields Cleanup Agreement or Order on Consent) with the NYSDEC is required in order to obtain NYSDEC review and approval of future investigation and remediation activities. Depending on the terms of the agreement with the NYSDEC, an investigation of down-gradient (off-site) groundwater impacts and a receptor survey (i.e., soil vapor intrusion investigation) may be required
- To prevent volatile organic compounds in soil vapor from entering the school building, a soil vapor barrier and active sub-slab depressurization system should be integrated into the building design.
- All material excavated during construction activities should be properly characterized and disposed, including collection and analysis of additional samples as required by the contractor-selected disposal facilities.
- If landscaped areas are incorporated into the development of the Site, any exposed soil should be covered by a minimum 2-foot thick layer of environmentally clean fill.
- If dewatering is necessary during school construction activities, treatment of dewatering effluent will be required prior to discharge to the municipal sewer. Dewatering, groundwater treatment, and disposal should be performed in accordance with applicable local, state and federal regulations. Dewatering required during construction should be minimized to mitigate potential influx of contaminated water from off-site sources toward the Site.
- Suspect ACM, LBP, PCB-containing materials, and or mercury-containing materials, including buried structures should be properly managed during development activities.

As noted above, elevated levels of PCE and TCE were detected in soil vapor at concentrations above the NYSDOH AGVs and the source of this contamination has not been confirmed. If the NYCSCA were to acquire the Site, the liabilities associated with further characterization and remediation of potential resultant off-site contamination should be considered. Depending on the nature and extent of contamination, responsibilities could include vapor intrusion studies or installation of vapor mitigation controls on off-site structures. The time and cost ramifications resulting from the migration of contamination from the site cannot be determined at this time.

1.0 INTRODUCTION

1.1 Purpose

At the request of the New York City School Construction Authority (NYCSCA), TRC Engineers, Inc. (TRC) conducted a Phase II Environmental Site Investigation (ESI) of the proposed public school facility located at 168 8th Street and 197 9th Street, Brooklyn, NY 11215 (hereafter referred to as the "Site"). The legal description of the Site is Block 1003, Lot 11. *Figure 1* presents a Site Location Map.

The Site encompasses approximately 13,500 square feet and is currently a concrete- and asphalt-paved vacant lot. Historically, the Site was occupied by an ink manufacturer from approximately 1888 to at least 1906, a storage facility from approximately 1906 to at least 1926, a chemical laboratory in 1926, a garage from approximately 1926 to at least 1951, a plumbing supply manufacturer from approximately 1951 to 1965, and a textile factory from approximately 1976 to at least 1992. The lot was vacant from approximately 1992 to the present.

This Phase II ESI was performed as a follow up to the Phase I Environmental Site Assessment (ESA) prepared by TRC dated May 27, 2011. Its purpose is to determine if the Recognized Environmental Conditions (RECs), Vapor Encroachment Conditions (VECs), or environmental concerns identified on the property or adjacent areas in the Phase I ESA require special considerations and/or may have affected the suitability of the Site for construction of a public school facility. The analytical data collected during this study will also assist in preliminarily characterizing the soil if excavation is required for development of the school facility. To accomplish these objectives, Phase II ESI field activities were performed on June 30, 2011; November 12, 16, and 19, 2012, and January 8 and 9, 2013. Note that there was a period of inactivity between June 30, 2011 and November 12, 2012 due to legal proceedings associated with access to the Site. The investigation consisted of geophysical surveys; the advancement of soil borings; and, the collection and laboratory analysis of soil vapor, ambient air, soil, and groundwater samples.

1.2 Recognized Environmental Conditions, Vapor Encroachment Conditions and Environmental Concerns

A Phase I ESA was completed by TRC in May 2011. It is important to note that the Phase I ESA was prepared for the Site and the west adjacent property (Block 1003, Lot 59). The RECs/VECs associated with Block 1003, Lot 11 are summarized below:

On-Site RECs/VECs:

- Structures were present on the Site and have been demolished. Historic fill of unknown origin and suspect buried structures have potential to impact the Site.
- The Block 1003, Lot 11 portion of the Site was occupied by an ink manufacturer from approximately 1888 to 1906, a chemical laboratory in 1926, a garage from approximately 1926 to 1951, a manufacturer from approximately 1928 to 1934, and a textile factory from approximately 1978 to 1992.
- The historic presence of one gasoline tank on Block 1003, Lot 11 from approximately 1926 to at least 1965.

Off-Site RECs/VECs:

- The historic presence of manufacturing companies, factories, a printing facility, automobile repair facilities, garages with gasoline tanks, a fuel oil company, an undertaker, dry cleaning/laundry facilities, and a filling station in close proximity (i.e., adjacent and/or upgradient) to the Site.
- The Site reconnaissance revealed the presence of a tire shop (“Mexico Tire Shop”), a dry cleaning facility (“Mario’s French Dry Cleaners”), a fuel oil company (“Ferrantino Fuel Corporation”), and two automobile repair facilities (“Top Notch Auto Repair” and “Ferraro Collision”) located in close proximity to the Site.
- A nearby site, “Mario’s French Cleaners” located at 457 4th Avenue, is listed in the Registered Dry Cleaners database and Resource Conservation and Recovery Information System Generators/Transporters (RCRIS Gen/Trans) database for the generation of hazardous waste consisting of halogenated solvents. Additionally, this facility is listed in the New York Manifest (NY Manifest) Database. This facility was identified as an active dry cleaning facility during the Site reconnaissance.
- Two nearby sites (“Former Gasoline Service Station” / “Mattone Co XTEXACO” located at 447 Third Avenue and “Ferraro Collision Inc” located at 442 Third Avenue) are listed in the RCRIS Gen/Trans and NY Manifest databases. In addition, (“Former Gasoline Service Station” / “Mattone Co XTEXACO”) is listed in the Petroleum Bulk Storage (PBS) tank database and “Ferraro Collision” was identified as an active automobile repair facility during the Site reconnaissance.
- An adjacent site, “Top Notch Auto Repair” located at 204 9th Street, is listed in the PBS tank database. This facility was identified as an active automobile repair facility during the Site reconnaissance.

The Phase I ESA also revealed environmental concerns associated with suspect asbestos-containing materials (ACM), lead-based paint (LBP), and polychlorinated biphenyl-(PCB-) containing materials in suspect buried structures and debris associated with former structures on the Site.

2.0 DESCRIPTION OF PHASE II ESI FIELD ACTIVITIES

Phase II ESI field activities were performed on June 30, 2011; November 12, 16, and 19, 2012; and January 8 and 9, 2013 and consisted of the following:

- Geophysical surveys to verify that the proposed boring locations were clear of subsurface utilities and structures, and to identify potential buried structures in other accessible areas of the Site;
- Investigation of the concrete paved lot for potential ACM prior to ESI boring activities (by others);
- Installation of seven (7) soil vapor probes. Collection and laboratory analysis of a soil vapor sample from each vapor probe;
- Collection and analysis of one (1) ambient air sample; and,
- Advancement of twelve (12) soil borings; continuous soil sampling to a maximum depth of 20 feet below ground surface (bgs); and, selection for laboratory analysis of discrete soil and groundwater samples from the borings.

A Site Plan showing the sampling locations, Site features, tax block and lot number is provided as *Figure 2*. Representative photographs of the field investigation activities are included in *Appendix A*.

The Phase II ESI was conducted in general accordance with TRC's Phase II ESI Scope of Work dated May 15, 2012 and TRC's Supplemental Site Investigation Work Plan dated December 11, 2012 with the following exceptions:

- During implementation of the Phase II ESI on November 12, 2012, local community organizations notified TRC and the NYCSCA that the Site is a potential burial ground for Revolutionary War soldiers. Following consultation with the NYCSCA, an archeologist from AKRF Environmental Consultants was on-Site on November 16 and 19, 2012 and January 8 and 9, 2013 to screen the soils recovered from the soil borings.
- At the request of the Site owner and after consultation with the NYCSCA, permanent groundwater monitoring wells were not installed at the Site. Groundwater samples were collected using temporary 1" diameter PVC well points. All PVC piping installed in the boreholes was removed following sampling and the boreholes were patched with concrete.

The scope of the field activities and methods are described below.

2.1 Geophysical Survey

A geophysical survey was performed on June 30, 2011 by NOVA Geophysical Services of Douglaston, New York to determine the location and extent of subsurface anomalies (i.e., underground storage tanks [USTs] and associated ancillary piping, suspect drywells, subsurface piping and utility lines, buried structures, etc.) and to verify that the proposed sample locations were clear of subsurface structures and utilities. Supplemental geophysical surveys were performed on Lot 11 on November 12, 2012 and the

southern sidewalk of 8th Street on January 8, 2013 by Diversified Geophysics, Inc. of Mineola, New York to confirm that the proposed sample locations were clear of subsurface structures and utilities. The geophysical survey equipment consisted of a Geonics™ EM-61 Pipe and Cable Locator (an electromagnetic metal detector), a Ditch-Witch™ utility locator, and a MALA™ 250 ground-penetrating radar (GPR) unit. The Site was first screened using the Geonics™ electromagnetic detector by carrying the instrument over the entire Site in 5-foot by 5-foot traverses. If evidence of anomalies was observed, the Ditch-Witch™ utility locator was then used to determine if the anomalies were utilities or other large sub-surface metal objects. Finally, GPR profiles were collected over each metal-detector anomaly and inspected for reflections which could be indicative of USTs. Sample locations were established in areas that did not conflict with subsurface structures or utilities. A copy of the geophysical survey reports is presented as *Appendix B*.

2.2 Asbestos Clearance

Based on the findings of the geophysical survey, TRC marked the proposed boring locations to allow for subsequent asbestos clearance. Empire Abatement performed the asbestos testing and sample collection under the supervision of Taylor Environmental, Group on June 30, 2011. A second round of asbestos testing and sample collection was performed by Empire Abatement under the supervision of Taylor Environmental Inc. on January 8, 2013. Asbestos testing results were provided by Taylor Environmental Group. Copies of the asbestos inspection reports are provided in *Appendix C*.

2.3 Soil Vapor Survey

A soil vapor survey was conducted as part of the Phase II ESI to evaluate the potential for vapor intrusion at the Site. Seven soil vapor samples were collected for laboratory analysis. *Figure 2* shows the locations of the soil vapor survey points advanced at the Site as part of the Phase II ESI.

2.3.1 Soil Vapor Sampling

The soil vapor sampling program was completed on November 12, 16, and 19, 2012 in conformance with the applicable procedures described in ASTM E 2600-10 “Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions” and the NYSDOH Guidance Document protocols. Land, Air, Water, Environmental Services Inc. (LAWES) of Center Moriches, New York was retained as a subcontractor by TRC for drilling services on November 12, 2012. Zebra Environmental Corporation, Inc. (Zebra) of Lynbrook, New York was retained as a subcontractor by TRC for drilling services on November 16 and 19, 2012. *Figure 2* presents the soil vapor sampling locations.

The rationale for each sample follows:

- TRC-SG-1 – provide spatial coverage on the Site/investigate potential impacts from historic fill/structures and on- and off-Site RECs.
- TRC-SG-2 – provide spatial coverage on the Site/investigate potential impacts from historic fill/structures and on- and off-Site RECs.
- TRC-SG-3 – provide spatial coverage on the Site/investigate potential impacts from historic fill/structures and on- and off-Site RECs.

- TRC-SG-4 – provide spatial coverage on the Site/investigate potential impacts from historic fill/structures and on- and off-Site RECs.
- TRC-SG-6 – provide spatial coverage on the Site/investigate potential impacts from historic fill/structures and on- and off-Site RECs.
- TRC-SG-7 – provide spatial coverage on the Site/investigate potential impacts from historic fill/structures and on- and off-Site RECs.
- TRC-SG-9 – provide spatial coverage on the Site/investigate potential impacts from historic fill/structures and on- and off-Site RECs.

The soil vapor samples were collected using a direct-drive system (i.e., Geoprobe). The soil vapor samples were collected at approximately five (5) feet bgs by installing a stainless steel vapor probe connected to polyethylene tubing and sealing the annular space with hydrated bentonite.

The adequacy of each seal was tested in accordance with the NYSDOH-approved method for vapor sampling using a 5-gallon bucket or cardboard box placed over the borehole and sealed from the ambient air using bentonite. Helium tracer gas was then pumped into the bucket. The above grade end of the tubing, which is the sample collection point, was then attached to a helium gas detector. The adequacy of the seal was verified by direct helium readings of less than 10 percent. The temporary soil vapor probes were then purged using a PID to evacuate three volumes of soil vapor. PID readings during purging ranged from 0.0 to 18.3 ppm.

The soil vapor samples were collected in laboratory-supplied individually certified-clean 6-liter SUMMA canisters for an approximately 1-hour sampling period. The samples were collected for one hour to obtain a sufficient sample volume to utilize USEPA Method TO-15. Immediately after opening the SUMMA canister, the initial vacuum (inches of mercury) was noted. After approximately one (1) hour, a final vacuum reading (inches of mercury) was noted and the SUMMA canister was closed. Upon completion, the soil vapor points were backfilled to near grade surface with the drill cuttings and then the ground surface was restored to its original condition with concrete.

The soil vapor samples were analyzed for the NYCSCA list of twenty-six VOCs by USEPA Method TO-15 (low level sensitivity). The canisters were properly labeled and transported via courier to Con-Test of East Longmeadow, MA utilizing standard chain-of-custody procedures. Con-Test is a NYSDOH ELAP-certified analytical laboratory, whose current certification has been verified by TRC. A summary of the analytical results is provided in *Table 1* and a copy of the analytical laboratory results is attached in *Appendix D*.

2.4 Ambient Air Sampling

The ambient air sampling program was completed on November 12, 2012 in conformance with the applicable procedures described in ASTM E 2600-10 “Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions” and the October 2006 NYSDOH Soil Vapor Intrusion Guidance Document protocols. One ambient air sample was collected for laboratory analysis of VOCs to determine the outdoor air background concentrations for the Site and to assess if the air quality of the Site has been adversely impacted by VOCs potentially being emitted from surrounding facilities. At the time of sampling, winds were out of the south at approximately 0 to 5 miles per hour.

The ambient air sample was collected from the center of the Site at a height of 3 to 5 feet above grade surface utilizing a laboratory supplied individually certified-clean, 6-liter stainless steel SUMMA canister fitted with a laboratory calibrated low-flow regulator. The sample was collected for approximately one (1) hour, in order to obtain a sufficient sample volume to utilize USEPA Method TO-15. Immediately after opening the SUMMA canister, the initial vacuum (inches of mercury) was noted. After approximately one (1) hour, a final vacuum reading (inches of mercury) was noted and the SUMMA canister was closed.

The ambient air sample was analyzed for the NYCSCA list of twenty-six VOCs by USEPA Method TO-15 (low level sensitivity). The SUMMA canister was properly labeled and transported via courier to Con-Test of East Longmeadow, Massachusetts for analysis. Con-Test is a NYSDOH ELAP-certified analytical laboratory for air quality sample analyses. A summary of the analytical results is provided in *Table 1* and the analytical laboratory results are presented in *Appendix D*.

2.5 Subsurface Soil Investigation

A soil sampling program was conducted as part of the Phase II ESI. Soil samples were collected to assess the current environmental conditions and to characterize subsurface soil at the Site. *Figure 2* shows the locations of the soil borings advanced at the Site as part of the Phase II ESI. Twelve soil borings were completed, and twenty-six soil samples and two duplicate soil samples were selected for laboratory analysis. Soil sampling was conducted in accordance with the procedures set forth in the New York State Department of Environmental Conservation (NYSDEC) DER-10 Technical Guidance for Site Investigation and Remediation, dated May 2010 (DER-10).

The subsurface soil sampling was performed on November 12, 16, and 19, 2012, and January 8 and 9, 2013. On November 12, 2012, LAWES of Center Moriches, New York was retained as a subcontractor by TRC for drilling services. On November 16 and 19, 2012 and January 8 and 9, 2013, Zebra of Lynbrook, New York was retained as a subcontractor by TRC for drilling services.

Direct push drilling methods, utilizing a track mounted direct drive rig (i.e., Geoprobe) or hand tools, were used to retrieve soil samples from twelve (12) boring locations. Soil samples were collected continuously from the ground surface to the maximum boring depth of 20 feet bgs in 5- or 3-foot long, 2-inch diameter macro-core samplers lined with acetate sleeves. A description of the soils retained in each sample core was logged by TRC’s on-Site environmental scientist and the soils were screened in the field for the presence of VOCs with a PID. The soil boring logs are presented in *Appendix E*. Upon completion of each boring, each borehole was backfilled with drill cuttings, well sand and hydrated bentonite and then the ground surface was restored to its original condition (i.e., concrete or asphalt).

A description of each boring location is presented below.

- Soil boring TRC-SB-1 was advanced in the northern portion of Lot 11 to an approximate depth of 20 feet bgs. One soil sample collected from 1 to 4 feet bgs and one soil sample collected from 15 to 17 feet bgs were selected for laboratory analysis.
- Soil boring TRC-SB-2 was advanced in the northeastern corner of Lot 11 to an approximate depth of 20 feet bgs. One soil sample collected from 1 to 4 feet bgs and one soil sample collected from 15 to 16 feet bgs were selected for laboratory analysis.
- Soil boring TRC-SB-3 was advanced in the west-central portion of Lot 11 to an approximate depth of 20 feet bgs. One soil sample collected from 1 to 4 feet bgs, one soil sample collected from 5 to 7 feet bgs, and one soil sample collected from 17 to 19 feet bgs were selected for laboratory analysis.
- Soil boring TRC-SB-4 was advanced in the east central portion of Lot 11, to an approximate depth of 20 feet bgs. One soil sample collected from 1 to 4 feet bgs and one soil sample collected from 17 to 19 feet bgs were selected for laboratory analysis.
- Soil boring TRC-SB-6 was advanced in the southwestern portion of Lot 11, to an approximate depth of 20 feet bgs. One soil sample collected from 1 to 4 feet bgs, one sample collected from 14 to 16 feet bgs, and one sample collected from 19 to 20 feet bgs were selected for laboratory analysis.
- Soil boring TRC-SB-7 was advanced in the southeastern portion of Lot 11 to an approximate depth of 20 feet bgs. One soil sample collected from 1 to 4 feet bgs and one soil sample collected from 16 to 18 feet bgs were selected for laboratory analysis.
- Soil boring TRC-SB-9 was advanced in the northeast portion of Lot 11 to an approximate depth of 20 feet bgs. One soil sample collected from 1 to 4 feet bgs and one soil sample collected from 15 to 16 feet bgs were selected for laboratory analysis.
- Soil boring TRC-SB-10 was advanced in the southeast portion of Lot 11 to an approximate depth of 20 feet bgs. One soil sample collected from 1 to 4 feet bgs and one soil sample collected from 17 to 19 feet bgs were selected for laboratory analysis.
- Soil boring TRC-SB-13 was advanced in the northeast portion of Lot 11 to an approximate depth of 20 feet bgs. One soil sample collected from 1 to 2.25 feet bgs and one soil sample collected from 15 to 16 feet bgs were selected for laboratory analysis.
- Soil boring TRC-SB-14 was advanced on the southern sidewalk of 8th Street adjacent to the northeast corner of Lot 11 to an approximate depth of 20 feet bgs. One soil sample collected from 1 to 4 feet bgs and one soil sample collected from 10 to 13 feet bgs were selected for laboratory analysis.
- Soil boring TRC-SB-15 was advanced on the southern sidewalk of 8th Street adjacent to the northwest corner of Lot 11 to an approximate depth of 20 feet bgs. One soil sample and one duplicate soil sample collected from 1 to 3 feet bgs and one soil sample collected from 10 to 13 feet bgs were selected for laboratory analysis.

- Soil boring TRC-SB-16 was advanced in west- northwestern portion of Lot 11 to an approximate depth of 20 feet bgs. One soil sample collected from 1 to 3 feet bgs and one soil sample collected from 15 to 17 feet bgs were selected for laboratory analysis.

There were no visual and olfactory indications of contamination (i.e. elevated PID readings, staining, and odor) observed in any soil samples collected from the soil borings with the following exception: petroleum odors and elevated PID readings were noted from the soil sample collected from soil boring TRC-SB-6 at 19 to 20 feet bgs.

Historic fill material consisting of brown sand, silts with fine gravel, and coal and brick fragments was encountered at the Site to a maximum depth of approximately 10 feet bgs. Below 10 feet bgs, native material consisting of sand, silt and clay was encountered to 20 feet bgs.

PID responses throughout the depth of each boring and the laboratory analyses performed on the soil samples are summarized in the table below.

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Summary of PID Screening Results and Soil Sample Analytical Plan

Soil Boring Identification Number	Boring Depth (ft bgs unless otherwise noted)	Depth of Sample Intervals Selected for Analysis (ft bgs unless otherwise noted)	PID Reading (ppm)	TCL/CP-51 VOCs	TCL/CP-51 SVOCs	TAL METALS	TCLP CHROMIUM	PCBs	TOTAL PETROLEUM HYDROCARBONS	TCL PESTICIDES	HEXAVALENT CHROMIUM	CYANIDE
TRC-SB-1	20	1 – 4	0.0	X	X	X		X				
		15 – 17	0.0	X	X	X		X				
TRC-SB-2	20	1 - 4	0.0	X	X	X	X	X	X	X	X	X
		15 – 16	0.0	X	X	X		X				
TRC-SB-3	20	1 – 4	0.1	X	X	X		X				
		5 – 7	0.3						X	X	X	X
		17 – 19	0.6	X	X	X		X				
TRC-SB-4	20	1 – 4	0.0	X	X	X		X				
		17 – 19**	0.0	X	X	X		X				
TRC-SB-6	20	1 – 4	0.0	X	X	X		X				
		14 – 16	0.4	X	X	X		X				
		19 – 20	70.4	X	X							
TRC-SB-7	20	1-4	0.0	X	X	X		X				
		16 – 18	0.0	X	X	X		X	X	X	X	X
TRC-SB-9	20	1 – 4	0.0	X	X	X	X	X				
		15 – 16	0.0	X	X	X		X				
TRC-SB-10	20	1 – 4	0.0	X	X	X		X				
		17 – 19	0.0	X	X	X		X				
TRC-SB-13	20	1 – 2.25	0.0	X								
		15 – 16	0.0	X								
TRC-SB-14	20	1 – 4	0.1	X								
		10 – 13	0.0	X								
TRC-SB-15	20	1 – 3**	0.2	X								
		10 – 13	0.0	X								
TRC-SB-16	20	1 – 3	0.0	X								
		15 – 17	0.0	X								

X - Sample analysis performed

** Two duplicate soil samples, TRC-DUP-2 [(duplicate of TRC-SB4(17-19'))], and TRC-DUP1 [(duplicate of TRC-SB15(1-3'))] were selected for laboratory analysis.

NA = Not applicable.

The procedure for the selection of soil samples from soil borings TRC-SB-1 through TRC-SB-4, TRC-SB-6, TRC-SB-7, TRC-SB-9, TRC-SB-10, and soil borings TRC-SB-13 through TRC-SB-16 for analysis was as follows:

- One soil sample was collected from each boring from approximately 1 to 4 feet bgs.

- If, based on field observations and PID readings, no apparent impacted soils were identified; one sample from the soil interval above the water table was selected for analysis.
- If impacted soils were identified, one sample from the most impacted zone (based on field screening) was selected, and a second sample from the first underlying apparent clean interval encountered was selected. If no underlying clean interval was found, the soil boring was advanced to the observed water table and the soil sample was collected from the depth interval immediately above the observed water table.

Discrete soil samples collected from soil borings TRC-SB-1 through TRC-SB-4, TRC-SB-6, TRC-SB-7, TRC-SB-9, TRC-SB-10 were analyzed for the following parameters: Target Compound List (TCL)/Commissioner Policy 51 Soil Cleanup Guidance Table 3 (CP-51) listed volatile organic compounds (VOCs) +10; TCL/CP-51 listed semi-volatile organic compounds (SVOCs) +15; Target Analyte List (TAL) metals, and polychlorinated biphenyls (PCBs). Note that the soil sample collected from TRC-SB-6 from 19 to 20 feet bgs was analyzed for TCL/CP-51 listed VOCs and SVOCs only since contamination was identified at this interval below the water table. Discrete soil samples collected from soil borings TRC-SB-13 through TRC-SB-16 were analyzed for TCL/CP-51 Table 3 listed VOCs.

Additionally, in support of pre-design waste classification objectives, three (3) soil samples were selected for laboratory analysis for TCL pesticides, total petroleum hydrocarbons, cyanide and hexavalent chromium. The three (3) pre-design waste classification soil samples were selected at random throughout the soil column from three (3) randomly selected soil borings to achieve spatial coverage throughout the Site. Additionally, two (2) soil samples were also analyzed for chromium via the Toxicity Characteristic Leaching Procedure (TCLP) since the results of the total chromium analyses indicated the potential for contaminant concentrations to exceed the Resource Conservation and Recovery Act (RCRA) toxicity standard.

The samples were collected and containerized in accordance with NYSDEC/USEPA protocols. Each container was properly labeled, preserved, and placed in a cooler for transport via courier to Con-Test in East Longmeadow, MA. Con-Test is a NYSDOH ELAP-certified analytical laboratory whose current certification has been verified by TRC. Standard chain-of-custody procedures were followed. Summaries of the analytical results are included in *Table 2* through *Table 8*, and a copy of the analytical report is presented as *Appendix D*.

2.6 Groundwater Investigation

A groundwater sampling program was conducted as part of the Phase II ESI. Groundwater samples were collected to assess the current environmental condition of groundwater at the Site. *Figure 2* shows the locations of the groundwater samples collected at the Site during the Phase II ESI. Groundwater sampling was performed at ten (10) locations, TRC-GW-1 through TRC-GW-4, TRC-GW-6, TRC-GW-7 and TRC-MW10 through TRC-MW13.

The groundwater sampling program was completed on November 12, 16, and 19, 2012, and January 8 and 9, 2013. LAWES was retained as a subcontractor by TRC for drilling services on November 12, 2012; and Zebra was retained as a subcontractor by TRC for drilling services on November 16 and 19, 2012 and January 8 and 9, 2013.

On November 12, 16, and 19, 2012, groundwater samples were collected by driving a stainless steel rod below the depth of groundwater (approximately 13 to 19 feet bgs). The rod was retracted and

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groundwater samples were collected using a low flow peristaltic pump or check valve and dedicated Teflon lined tubing. Prior to the collection of groundwater samples, sample locations were purged until groundwater turbidity reached a minimum and other parameters stabilized. Conductivity, salinity, dissolved oxygen, pH, temperature, and turbidity were monitored using a Horiba™ water quality meter during purging.

On January 8 and 9, 2013, the groundwater samples were collected by installing a 1-inch diameter slotted polyvinyl chloride (PVC) well screen (temporary well point) into the borehole. The temporary well point was installed approximately 3 to 5 feet below the observed groundwater level. The temporary well point was constructed of threaded Schedule 40 PVC well casing and 10-slot well screen. The well was screened approximately five (5) feet above the water table. Clean silica sand, Morie No. 1, was placed in the annular space around the well to a minimum of one (1) foot above the top of the well screen. A one-foot bentonite seal was placed above the sand pack. Following installation, the temporary well point was developed using Teflon tubing and a peristaltic pump system until the water was reasonably free of turbidity. Prior to the collection of groundwater samples, sample locations were purged until groundwater turbidity reached a minimum and other parameters stabilized. Conductivity, salinity, dissolved oxygen, pH, temperature, and turbidity were monitored using a Horiba™ water quality meter during purging.

There were no visual or olfactory indications of contamination observed in the groundwater samples collected. A summary of groundwater field screening results and the groundwater sample analytical plan is presented in the table below.

Groundwater Sample Analytical Plan

Groundwater Sample Identification Number	Depth to Water (ft bgs)	Sheen or Odor?	TCL/CP-51 VOCs	TCL/CP-51 SVOCs	TAL Metals (total)	TAL Metals (dissolved)	NYCDEP Sewer Use Parameter
TRC-GW-1	17	No	X	X	X	X	
TRC-DUP-1*	17	No	X	X	X		
TRC-GW-2	16	No	X	X	X	X	
TRC-GW-3	19	No	X	X	X	X	
TRC-GW-4	19	No	X	X	X	X	
TRC-GW-6	16	No	X	X	X	X	
TRC-GW-7	18	No	X	X	X	X	X
TRC-MW10	16	No	X				
TRC-MW11	13	No	X				
TRC-MW12	13.5	No	X				
TRC-DUP1*	13.5	No	X				
TRC-MW13	17	No	X				

X - Sample analysis performed

*Two duplicate samples TRC-DUP-1(duplicate of TRC-GW-1) and TRC-DUP1 (duplicate of TRC-MW-12) were selected for laboratory analysis.

Groundwater samples were collected from locations TRC-GW-1 through TRC-GW-4, TRC-GW-6, and TRC-GW-7 and analyzed for TCL/CP-51 listed VOCs +10; TCL/CP-51 listed SVOCs +15, and Target Analyte List (TAL) metals (filtered and unfiltered). Groundwater samples collected from locations TRC-MW10 through TRC-MW13 were analyzed for TCL/CP-51 listed VOCs. Additionally, the groundwater sample collected from TRC-GW-7 was analyzed for NYCDEP Sewer Use Parameters. Four trip blank samples and one equipment blank sample were also submitted for analysis of TCL/CP-51 VOCs.

The samples were collected and containerized in accordance with NYSDEC/USEPA protocols. Each container was properly labeled, preserved, and placed in a cooler for transport via courier to Con-Test of East Longmeadow, MA. Con-Test is a NYSDOH ELAP-certified analytical laboratory whose current certification has been verified by TRC. Standard chain-of-custody procedures were followed. Upon completion, the drive rods were removed, the boreholes were backfilled to near grade surface with the drill cuttings and/or well sand, and the ground surface was restored to its original condition (i.e., concrete, asphalt). Summaries of the analytical results are included in *Table 9* through *Table 12*, and a copy of the analytical report is presented as *Appendix D*.

3.0 SITE DESCRIPTION AND PHYSICAL CHARACTERISTICS

The Site encompasses approximately 13,500 square feet and is currently a concrete- and asphalt- paved vacant lot. TRC understands that in conjunction with the adjacent lot (Lot 59), the planned Site development includes the construction of a public school facility.

The Site is located in an area primarily consisting of low- and mid-rise residential, commercial, and institutional buildings. The Site is bordered to the north by 8th Street followed by a two story commercial building and three-story residential buildings. The Site is bordered to the east by a one-story vacant building and three-story residential buildings. The Site is bordered to the west by a one-story institutional building (“American Legion Hall”) with a parking lot followed by a one-story commercial building with a parking lot (“Enterprise Rent-A-Car”) and four-story residential buildings with one first-floor commercial tenant. The Site is bordered to the south by 9th Street followed by a one-story commercial building (“Top Notch Auto Repair”) and three-story residential buildings. A site location map is shown on *Figure 1* and a sampling location plan is shown on *Figure 2*.

3.1 Topography

The regional topography slopes to the northwest toward the Gowanus Canal. Based on a review of the United States Geological Survey (USGS) 7.5-Minute Quadrangle Map (Brooklyn, NY 1995) and information contained in the regulatory agency database search report, the elevation of the Site property is approximately 21 feet above mean sea level (amsl). Note that the northern portion of the Site is approximately two feet lower in elevation in comparison to the southern portion of the lot and a concrete ramp located on the east-central portion of the lot connects these two areas for vehicle access. A copy of the topographic map is presented in *Figure 1*.

3.2 Geology

The geology of Kings County consists of unconsolidated glacial deposits overlying crystalline bedrock. Based upon available literature (Buxton, Soren, Posner, and Shernoff, 1981), the subsurface geology for the Site property likely includes the following formations: Pleistocene upper glacial deposits, Gardiners Clay, Jameco Gravel, Cretaceous Raritan Formation consisting of sands and clays, and crystalline bedrock. The depth to crystalline bedrock for the area is estimated to be 200 feet bgs.

Bedrock was not encountered in the soil borings advanced at the Site. Historic fill material consisting of brown sand, silts with fine gravel, coal, and brick fragments was encountered at the Site to a maximum depth of approximately 10 feet bgs. Below 10 feet bgs, native material consisting of sand, silt and clay was encountered to 20 feet bgs.

3.3 Hydrology

The Site is located approximately 0.4 mile east and 0.3 mile south of the Gowanus Canal, an extension of Gowanus Bay. Based on topography in the area, the assumed hydraulic gradient direction is towards the northwest. Based on information gathered during the Phase II ESI, the depth to groundwater at the Site ranges from approximately 13 to 19 feet bgs.

4.0 DISCUSSION OF FINDINGS

This section presents a discussion of the findings of the Phase II ESI. Tabulated results of laboratory analyses are presented in the Tables section of this report. Laboratory quality control (QC) issues for specific media, if present, are discussed in the appropriate sections below. The complete laboratory analytical data packages are included in *Appendix D*.

4.1 Applicable Regulatory Standards

This subsection identifies the Health Effects Institute (HEI), USEPA, NYSDEC, NYSDOH, NYCDEP and/or ASTM regulatory standards and guidelines used to evaluate the results of the soil vapor, ambient air, subsurface soil, and groundwater samples. The standards and guidelines used to evaluate the specific data are described individually below.

4.1.1 Soil Vapor Guidelines

The analytical results for the soil vapor samples were compared to the NYSDOH Air Guideline Values (AGVs) and to background levels of VOCs in indoor air presented in Appendix C of the NYSDOH Vapor Guidance Document, including Upper Fence Limit indoor air values from “Table C-1. NYSDOH 2003: Study of Volatile Organic Chemicals in Air of Fuel Oil Heated Homes,” 90th Percentile indoor air values from “Table C-2. EPA 2001: Building Assessment and Survey Evaluation (BASE) Database, SUMMA canister method,” and the 95th Percentile Indoor Air Values from “Table C-5, HEI 2005: Relationship of Indoor, Outdoor and Personal Air.” The results of the analyses of the soil vapor samples were also compared to Matrices 1 and 2 in the NYSDOH Guidance Document. In addition, the results were compared to the 95th Percentile Concentrations in Existing Residences published in Appendix X7 of ASTM E 2600-08 “Standard Practice for Assessment of Vapor Intrusion into Structures on Property Involved in Real Estate Transactions.”

4.1.2 Ambient Air Quality Guidelines

Analytical results for the ambient air sample were compared to the NYSDOH AGVs and to background levels of VOCs in outdoor air presented in Appendix C of the NYSDOH Soil Vapor Intrusion Guidance Document, including the Upper Fence Limit outdoor air values from “Table C-1 NYSDOH 2003: Study of Volatile Organic Chemicals in Air of Fuel Oil Heated Homes,” 90th Percentile outdoor air values from “Table C-2 USEPA 2001: BASE Database, SUMMA canister method,” and 95th percentile Outdoor Air values from “Table C-5, HEI 2005: Relationship of Indoor, Outdoor and Personal Air.” The ambient air sample results were also compared to background levels of VOCs measured at the nearest NYSDEC ambient air monitoring station (P.S. 274 / Station No. 7095-98), which is located approximately 4.5 miles northeast of the Site.

4.1.3 Soil Cleanup Objectives (SCOs)

The Unrestricted Use SCOs found in 6 NYCRR 375-6, Remedial Program Soil Cleanup Objectives are the appropriate standards for use in evaluating the results of the analyses of the Phase II ESI soil samples. Soil which is free of contaminants above these standards is suitable for “unrestricted use” which is the land use category without imposed restrictions, such as environmental easements or other land use controls.

In addition, the Soil Cleanup Levels (SCLs) for Fuel Oil Contaminated Soil found in Table 3 of CP-51 were used to evaluate the VOC and SVOC soils data. CP-51 replaces the Technical and Administrative Guidance Memorandum (TAGM) 4046: Determination of Soil Cleanup Objectives and Cleanup Levels (January 24, 1994); the Petroleum Site Inactivation and Closure Memorandum (February 23, 1998); and, Sections III and IV of Spill Technology and Remediation Series (STARS) Memo #1 (August 1992).

4.1.4 Groundwater Quality Standards and Guidance Values

Analytical results for groundwater were compared to New York State Class GA groundwater standards and guidance values published in the NYSDEC Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1, "Ambient Water Quality Standards and Guidance Values." Ambient water quality standards are enforceable regulatory limits. Where ambient water quality standards do not exist, ambient water quality guidance values were used to evaluate the groundwater results. Groundwater data were also compared to the daily limits set forth in the NYCDEP Bureau of Wastewater Treatment "Limitations for Effluent to Sanitary or Combined Sewers."

4.1.5 Preliminary Waste Characterization

Analytical results for the preliminary waste characterization sampling (TCLP chromium) were compared to the NYSDEC 6 NYCRR Part 373 regulations for characteristic hazardous waste. In addition, the analytical results for the other analyses were compared to typical analytical requirements for selected disposal facilities.

4.2 Geophysical Survey Findings

The geophysical surveys did not reveal evidence of utilities or buried structures in the vicinity of the soil borings. The geophysical survey report is presented as *Appendix B*.

4.3 Soil Vapor Survey Findings

A review of the soil vapor sample analytical results indicate that 17 of the 26 VOCs analyzed utilizing USEPA Method TO-15 were detected in one or more samples. A summary of the analytical results for VOCs in soil vapor is summarized in *Table 1*. A site plan showing the concentrations of VOCs detected in soil vapor exceeding the corresponding criteria is included in *Figure 3*. The complete analytical data report is presented in *Appendix D*. A summary of the detected compounds at a concentration greater than anticipated background levels and/or the AGV is provided below:

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Summary of VOCs in Soil Vapor Detected at Concentrations Greater than Air Guideline Values (AGVs) and/or Background Concentrations

Sample ID Date Sample Collected	TRC- SG-1 11/12/12	TRC- SG-2 11/12/12	TRC- SG-3 11/16/12	TRC- SG-4 11/16/12	NYSDOH Air Guideline Value	ASTM E 2600 Concentration in Existing Residences – 95 th Percentile	NYSDOH 2003 Fuel Oil Upper Fence Limit Indoor Air	USEPA BASE 90 th Percentil e Value Indoor Air	Health Effects Institute 2005 95 th Percentile Value Indoor Air
Units	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³
Benzene	28	15	10	5.1	--	13	13	9.4	10
1,2-Dichlorobenzene	<6.0	<0.60	1.3	<0.60	--	--	0.5	<1.2	--
1,1-Dichloroethene	10	<0.40	<0.40	<0.40	--	--	1.3	<1.3	1.1
cis-1,2-Dichloroethene	78	32	<0.40	<0.40	--	--	0.4	<1.4	--
Ethylbenzene	1,200	160	5.5	5.2	--	13	6.4	5.7	7.62
Naphthalene	6.9	9.3	3.4	3.4	--	2.1	--	5.1	--
Tetrachloroethene (PCE)	940	480	95	7.9	100	4.9 - 6.8	2.5	15.9	6.01
Toluene	7,400	630	19	14	--	29-49	57	43	39.8
Trichloroethene	16,000	5,700	4,000	180	5	0.70-1.4	0.5	4.2	1.36
1,2,4-Trimethylbenzene	610	450	26	35	--	--	9.8	9.5	--
1,3,5-Trimethylbenzene	270	160	7.6	10	--	--	3.9	3.7	--
M&p-Xylenes	4,300	570	17	18	--	22	11	22.2	22.2
o-Xylene	1,500	310	7.9	9	--	6.9	7.1	7.9	7.24

Sample ID Date Sample Collected	TRC- SG-6 11/19/12	TRC- SG-7 11/19/12	TRC- SG-9 11/19/12	NYSDOH Air Guideline Value	ASTM E 2600 Concentration in Existing Residences – 95 th Percentile	NYSDOH 2003 Fuel Oil Upper Fence Limit Indoor Air	USEPA BASE 90 th Percentil e Value Indoor Air	Health Effects Institute 2005 95 th Percentile Value Indoor Air
Units	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³
cis-1,2-Dichloroethene	<0.40	<0.40	110	--	--	0.4	<1.4	--
Ethylbenzene	2.1	26	10	--	13	6.4	5.7	7.62
Naphthalene	61	11	<5.2	--	2.1	--	5.1	--
Tetrachloroethene (PCE)	21	25	530	100	4.9 - 6.8	2.5	15.9	6.01
1,1,1-Trichloroethane (1,1,1-TCA)	4.1	7.2	34	--	7.6 - 17	2.5	20.6	--
Trichloroethene (TCE)	150	20	14,000	5	0.70-1.4	0.5	4.2	1.36
1,2,4-Trimethylbenzene	8.5	120	32	--	--	9.8	9.5	--
1,3,5-Trimethylbenzene	3.7	32	19	--	--	3.9	3.7	--

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Sample ID Date Sample Collected Units	TRC- SG-6 11/19/12 $\mu\text{g}/\text{m}^3$	TRC- SG-7 11/19/12 $\mu\text{g}/\text{m}^3$	TRC- SG-9 11/19/12 $\mu\text{g}/\text{m}^3$	NYSDOH Air Guideline Value $\mu\text{g}/\text{m}^3$	ASTM E 2600 Concentration in Existing Residences – 95 th Percentile $\mu\text{g}/\text{m}^3$	NYSDOH 2003 Fuel Oil Upper Fence Limit Indoor Air $\mu\text{g}/\text{m}^3$	USEPA BASE 90 th Percentil e Value Indoor Air $\mu\text{g}/\text{m}^3$	Health Effects Institute 2005 95 th Percentile Value Indoor Air $\mu\text{g}/\text{m}^3$
M&p-Xylenes	5.6	92	43	--	22	11	22.2	22.2
o-Xylene	2.3	39	22	--	6.9	7.1	7.9	7.24

Notes:

$\mu\text{g}/\text{m}^3$ = micrograms per cubic meter

-- = Not Available

< = Less than reporting limit

Bold = Result exceeds range of anticipated background concentrations

Bold = Result is equal to or exceeds NYSDOH AGV

Benzene, 1,1-dichloroethene, 1,2-dichlorobenzene, cis-1,2-dichloroethene, ethylbenzene, naphthalene, PCE, 1,1,1-TCA, TCE, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, m&p-xylenes and o-xylene were detected at concentrations greater than the range of published background concentrations and/or NYSDOH AGVs in one or more soil vapor samples.

The NYSDOH has established AGVs for three (3) of the VOCs analyzed (methylene chloride, PCE, and TCE). Methylene chloride was not detected in any of the soil vapor samples. PCE was detected in soil vapor at concentrations ranging from 7.9 to 940 $\mu\text{g}/\text{m}^3$ which is above the corresponding AGV of 100 $\mu\text{g}/\text{m}^3$. TCE was detected at concentrations ranging from 20 to 16,000 $\mu\text{g}/\text{m}^3$, which is above the corresponding AGV of 5 $\mu\text{g}/\text{m}^3$.

Soil vapor sampling results for carbon tetrachloride, TCE and vinyl chloride were compared to Matrix 1 of the NYSDOH Vapor Intrusion Guidance Document. Vinyl chloride and carbon tetrachloride were not detected in any of the soil vapor samples. The concentrations of TCE in soil vapor ranged from 20 to 16,000 $\mu\text{g}/\text{m}^3$. Based on Matrix 1, the recommended action for TCE concentrations in soil vapor greater than 250 $\mu\text{g}/\text{m}^3$ is mitigation, regardless of indoor air concentrations.

Soil vapor sampling results for 1,1-dichloroethene, cis-1,2-dichloroethene, PCE, and 1,1,1-trichloroethane (1,1,1-TCA) were compared to Matrix 2 of the NYSDOH Vapor Intrusion Guidance Document. The concentrations of cis-1,2-dichloroethene in soil vapor ranged from non-detect to 110 $\mu\text{g}/\text{m}^3$. The concentrations of 1,1-dichloroethene in soil vapor ranged from non-detect to 10 $\mu\text{g}/\text{m}^3$. The concentrations of 1,1,1-TCA in soil vapor ranged from non-detect to 34 $\mu\text{g}/\text{m}^3$. The concentrations of PCE in soil vapor ranged from 7.9 to 940 $\mu\text{g}/\text{m}^3$. Based on Matrix 2, the recommended action for concentrations of PCE and cis-1,2-dichloroethene concentrations greater than 100 $\mu\text{g}/\text{m}^3$ and less than 1,000 $\mu\text{g}/\text{m}^3$ is monitoring or mitigation, depending upon corresponding indoor air sample results.

The petroleum-related compounds detected in soil vapor above comparison levels were detected at concentrations exceeding their respective regulatory standards in only one soil sample collected at the Site (see Section 4.5, below); therefore, the petroleum-related compounds detected in soil vapor may be attributable to the concentrations of petroleum-related compounds found in on-Site soil or to an off-site source in the surrounding area. The chlorinated solvent related compounds detected in soil vapor may be

attributable to the concentrations of chlorinated solvents found in on-Site groundwater (see Section 4.6, below).

4.4 Ambient Air Sampling Findings

A review of the ambient air sample analytical results indicate that 11 of the 26 VOCs analyzed using USEPA Method TO-15 were detected in the sample. No VOCs were detected at a concentration above the AGVs or the range of outdoor air background levels presented in the NYSDOH Soil Vapor Intrusion Guidance Document and the corresponding 2008 average VOC concentrations from the NYSDEC air monitoring station at P.S. 274 (Station #7095-98). A summary of the analytical results is presented in *Table 1*. The complete analytical data report is presented in *Appendix D*.

4.5 Subsurface Soil Sampling Findings

4.5.1 Volatile Organic Compounds (VOCs) in Soil

The results of the analysis of the soil samples indicate that 3 of the 76 VOCs were detected in one or more samples. A summary of the compounds and concentrations which exceed Unrestricted Use SCOs and/or SCLs is provided below:

VOCs Detected in Soil at Concentrations Greater than Unrestricted Use SCOs and/or SCLs

Sample ID Date Sampled Collected Sample Depth Units	TRC-SB-6 11/19/12 19-20' bgs mg/kg	Unrestricted Use SCO mg/kg	SCL mg/kg
Naphthalene	16	12	12
1,2,4-Trimethylbenzene	12	3.6	3.6

Notes:

Bold = Result exceeds Unrestricted Use SCO and/or SCL
 bgs = below ground surface
 mg/kg = milligrams per kilogram

As the table indicates, naphthalene and 1,2,4-trimethylbenzene were detected in soil above Unrestricted Use SCOs and SCLs. TRC attributes the detected VOC concentrations exceeding the regulatory criteria to the petroleum impacts observed in this soil sample. It should be noted that soil samples collected from this soil boring above the water table did not exhibit evidence of petroleum impacts and the groundwater sample collected at this location did not contain petroleum-related VOCs at concentrations exceeding comparison criteria.

Although detected in concentrations below the Unrestricted Use SCOs, TCE was present in shallow soil samples (approximately 1 to 4 feet bgs) collected from borings TRC-SB-1, TRC-SB-2, TRC-SB-3, TRC-SB-13, and TRC-SB-16 and in deeper soil samples (at the interval above the observed water table) collected from soil borings TRC-SB-3, TRC-SB-4 and TRC-SB-13.

The analytical data is summarized in *Table 2*. The analytical data package is presented as *Appendix D*.

4.5.2 Semi-Volatile Organic Compounds (SVOCs) in Soil

The results of the analysis of the soil samples indicate that 11 of 74 SVOCs analyzed for were detected in one or more samples. SVOCs were not detected at concentrations exceeding the Unrestricted Use SCOs and/or SCLs of the soil samples analyzed. The analytical data is summarized in *Table 3*. The analytical data package is presented in *Appendix D*.

4.5.3 Metals, Cyanide and Hexavalent Chromium in Soil

The results of the analysis of the soil samples indicate that 18 of the 24¹ metals analyzed for were detected in one (1) or more samples. Cyanide was detected in one of the soil samples analyzed². Five (5) of the 24 metals analyzed for were detected at concentrations greater than Unrestricted Use SCOs in the seven samples and are tabulated below.

Metals Detected in Soil at Concentrations Greater than Unrestricted Use SCOs

Sample ID Date Sampled Collected Sample Depth Units	TRC-SB-1 11/12/12 1-4' bgs mg/kg	TRC-SB-1 11/12/12 15-17' bgs mg/kg	TRC-SB-2 11/12/12 1-4' bgs mg/kg	TRC-SB-9 11/12/12 1-4' bgs mg/kg	TRC-SB-9 11/12/12 15-16' bgs mg/kg	Unrestricted Use SCO mg/kg
Chromium	15	6.9	120	600	34	30
Copper	100	240	38	35	25	50
Mercury	2.6	<0.026	<0.029	<0.027	<0.028	0.18
Nickel	600	65	9	12	14	30
Zinc	110	77	74	28	33	109

Notes:

- Bold** = Result exceeds Unrestricted Use SCO
 bgs = below ground surface
 mg/kg = milligrams per kilogram
 < = Less than reporting limit

TRC attributes the detected metal concentrations in the soil samples collected from 1 to 4 feet bgs exceeding the Unrestricted Use SCOs to the characteristics of historic fill material at the Site. The metals detected in soil from 15 to 17 feet bgs are attributed to the characteristics of regional soil concentrations. The analytical data is summarized in *Table 4* and the analytical data package is presented in *Appendix D*.

¹ Includes hexavalent chromium. Three (3) soil samples were analyzed for hexavalent chromium for waste characterization purposes.

² Three (3) soil samples were analyzed for cyanide for waste characterization purposes.

Samples TRC-SB-2 (1-4') and TRC-SB-9 (1-4') were additionally analyzed for TCLP chromium since the total chromium concentrations in these samples were elevated, and could be indicative of hazardous waste. The total chromium concentrations in these samples ranged from 120 to 600 milligrams per kilogram (mg/kg). The resulting TCLP chromium concentrations were below the regulatory limit of 5.0 milligrams per liter (mg/L) in these samples, which indicates that the soil does not exceed the toxicity characteristic for hazardous waste. The TCLP chromium laboratory analytical data is summarized in *Table 5* and the analytical data package is presented in *Appendix D*.

4.5.4 Polychlorinated Biphenyls (PCBs) in Soil

The results of the analysis of the soil samples indicate that PCBs were not detected in the soil samples analyzed. The analytical data is summarized in *Table 6*. The analytical data package is presented in *Appendix D*.

4.5.5 Pesticides in Soil

The results of the analysis of the soil samples indicate that pesticides were not detected in the soil samples analyzed. The analytical data is summarized in *Table 7*. The analytical data package is presented in *Appendix D*.

4.5.6 Total Petroleum Hydrocarbons in Soil

A review of the soil sampling analytical results indicates that total petroleum hydrocarbons (TPH)-Diesel Range Organics (DRO) and TPH-Gasoline Range Organics (GRO) were not detected in the soil samples analyzed.

There are no applicable regulatory comparison criteria for TPH. TPH results provide information on soil disposal options for soil excavated for construction, since disposal facilities in the New York City metropolitan area typically require TPH analyses prior to accepting soil for disposal. Since TPH was not detected in the soil samples, the potential soil disposal options will not be affected. The analytical data is summarized in *Table 8*. The analytical data package is presented in *Appendix D*.

4.6 Groundwater Sampling Findings

The results of the analyses of the groundwater samples are presented in *Table 9* through *Table 12*. The complete analytical data report is presented in *Appendix D*. A review of the groundwater analytical results is presented below.

4.6.1 Volatile Organic Compounds (VOCs) in Groundwater

A review of the results of the analyses of groundwater for VOCs indicates that three (3) VOCs [(cis-1,2-dichloroethene, tetrachloroethene (PCE) and trichloroethene (TCE)] were detected in three of the samples (and two duplicate samples) analyzed. TCE and cis-1,2-dichloroethene concentrations in three groundwater samples (and two duplicate samples) exceeded the Class GA Value and the results are tabulated below.

VOCs Exceeding Class GA Values in Groundwater

Sample ID Date Sample Collected Units	TRC-GW-1 11/12/2012 (µg/L)	TRC-DUP-1 11/12/2012 (µg/L)	TRC-MW12 1/9/2013 (µg/L)	TRC-DUP1 1/9/2013 (µg/L)	TRC-MW13 1/8/2013 (µg/L)	Class GA Standard (µg/L)
Cis-1,2-Dichloroethene	<1.0	<1.0	11	11	18	5
Trichloroethene (TCE)	9.3	9.2	96	99	34	5

Notes:

Bold = Result exceeds Class GA Value

<1.0 = Less than reporting limit

TRC-DUP-1 (collected 11/12/2012) is a duplicate of TRC-GW-1

TRC-DUP1 (collected 1/9/2013) is a duplicate of TRC-MW12

µg/L – micrograms per liter

Four (4) trip blank samples and one equipment blank sample were also analyzed for VOCs. VOCs were not detected in the trip blank or equipment blank samples.

The chlorinated VOCs detected in groundwater may be attributable to former Site uses or to a historic release from a former dry cleaner present northwest of the Site. The analytical data is summarized in *Table 9*. A site plan showing the concentrations of VOCs detected in groundwater exceeding the corresponding criteria is included in *Figure 4*. The complete analytical data report is presented in *Appendix D*.

4.6.2 Semivolatile Organic Compounds (SVOCs) in Groundwater

SVOCs were not detected in the groundwater samples collected at the Site. The analytical data summary table is presented in *Table 10*. The complete analytical data report is presented in *Appendix D*.

4.6.3 Metals in Groundwater

Nineteen (19) of the 23 metals analyzed for were detected in the groundwater sample analyzed. Twelve (12) of the 23 metals analyzed were detected at concentrations greater than Class GA Values in one or more samples and are tabulated below.

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Metals Exceeding Class GA Values in Groundwater

Sample ID	TRC-GW-1 (Total)	TRC-GW-1 (Dissolved)	TRC-DUP-1 (Total)	TRC-GW-2 (Total)	TRC-GW-2 (Dissolved)	TRC-GW-3 (Total)	TRC-GW-3 (Dissolved)	Class GA Value
Date Sample Collected	11/12/12	11/12/12	11/12/12	11/12/12	11/12/12	11/16/12	11/16/12	
Units	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
Beryllium	<2.0	<2.0	<2.0	<2.0	<2.0	5.4	<2.0	3
Chromium	34	23	33	34	<5.0	200	<90	50
Copper	<25	<25	<25	30	<25	210	<25	200
Iron	730	<50	800	13,000	<50	120,000	240	300
Lead	<5.0	<5.0	<5.0	14	<5.0	110	<5.0	25
Manganese	250	190	250	1,100	370	7,300	230	300
Magnesium	18,000	19,000	19,000	22,000	19,000	48,000	13,000	35,000
Nickel	<25	<25	<25	43	<25	240	<25	100
Sodium	27,000	28,000	27,000	92,000	89,000	70,000	74,000	20,000

Sample ID	TRC-GW-4 (Total)	TRC-GW-4 (Dissolved)	TRC-GW-6 (Total)	TRC-GW-6 (Dissolved)	TRC-GW-7 (Total)	TRC-GW-7 (Dissolved)	Class GA Value
Date Sample Collected	11/16/12	11/16/12	11/19/12	11/19/12	11/19/12	11/19/12	
Units	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
Arsenic	32	<2.0	<2.0	<2.0	<2.0	<2.0	25
Barium	1,200	53	230	52	590	54	1,000
Beryllium	10	<2.0	<2.0	<2.0	2.7	<2.0	3
Chromium	390	<5.0	150	<5.0	98	<5.0	50
Copper	340	<25	<25	<25	87	<25	200
Iron	190,000	<50	57,000	<50	62,000	120	300
Lead	190	<5.0	17	<5.0	69	<5.0	25
Manganese	12,000	840	1,300	170	3,900	200	300
Magnesium	79,000	18,000	63,000	38,000	37,000	21,000	35,000
Nickel	350	<25	90	<25	110	<25	100
Sodium	61,000	49,000	100,000	100,000	50,000	50,000	20,000
Thallium	1.8	<1.0	<1.0	<1.0	<1.0	<1.0	0.5

Notes:

ND = Not detected

J = Estimated value

Bold = Result exceeds Class GA Value

Several of the above listed metals detected above Class GA Values in groundwater were also detected in soil above Unrestricted Use SCOs in Site soil samples. As expected, total metal concentrations are greater than the dissolved metal concentrations due to the turbidity of the groundwater samples in the total analyses. TRC attributes the detected metal concentrations exceeding Class GA Values to the

characteristics of Site soil and not to an on-site release. The analytical results are summarized in *Table 11*. The complete analytical data report is presented in *Appendix D*.

4.6.4 Comparison of Groundwater to NYCDEP Sewer Use Discharge Parameters

One (1) NYCDEP Sewer Use Discharge Parameter (total suspended solids) was detected in groundwater sample TRC-GW-7 above its respective NYCDEP Sewer Use Discharge Limit, and the result is summarized below.

Detected Parameter Above NYCDEP Sewer Use Discharge Limits

Sample ID	TRC-GW-7	NYCDEP Sewer Use Discharge Limit
Date Sample Collected	11/19/2012	
Units		
Total Suspended Solids	8,500 mg/L	350 mg/L

Notes:

Bold = Result exceeds NYCDEP Sewer Use Discharge Limit

Although chlorinated VOCs were not detected in the groundwater sample analyzed for the NYCDEP Sewer Use Discharge Parameters, one chlorinated solvent, TCE, was detected at elevated concentrations in groundwater samples collected at the Site. Although there is no NYCDEP Sewer Use Discharge Limit criteria for TCE, due to the elevated concentrations of TCE in groundwater and the concentration of total suspended solids, if dewatering is necessary during school construction or development activities, treatment of dewatering effluent will be required prior to discharge to the municipal sewer. A detailed summary of the analytical results for NYCDEP Discharge Limits in groundwater is presented in *Table 12*. The complete analytical data report is presented in *Appendix D*.

4.7 Pre-Design Characterization Sampling Results

In support of pre-design waste characterization, three (3) soil samples were selected for analysis for cyanide, hexavalent chromium, TPH-DRO and TPH-GRO. Two (2) soil samples were also analyzed for chromium via TCLP. As indicated above, TPH-GRO and TPH-DRO were not detected in the three (3) samples analyzed. There are no applicable regulatory comparison criteria for TPH. TPH results provide information on soil disposal options for soil excavated for construction, since disposal facilities in the New York City metropolitan area typically require TPH analyses prior to accepting soil for disposal. Since TPH was not detected in the soil samples, the potential soil disposal options will not be affected.

The results of the soil sampling analyses for TCLP chromium were below its respective characteristic hazardous waste threshold value. Finally, neither cyanide nor hexavalent chromium were detected in the soil samples at concentrations exceeding the Unrestricted Use SCOs.

Note that all material excavated during construction activities should be properly characterized and disposed, including collection and analysis of additional samples as required by the contractor-selected disposal facilities. A detailed summary of the analytical results for waste characterization sampling,

including TCLP chromium, TPH-DRO, TPH-GRO, cyanide, and hexavalent chromium is presented in Tables 4, 5, and 8.

4.8 Summary of Findings

TRC performed a Phase II ESI consisting of geophysical surveys; the advancement of soil borings; and, the collection and laboratory analysis of soil vapor, ambient air, soil, and groundwater samples. The results of the Phase II ESI indicate the following:

- The geophysical surveys did not reveal evidence of utilities or buried structures in the vicinity of the soil borings.
- Seven (7) soil vapor samples were collected and analyzed for VOCs. Petroleum- and chlorinated solvent-related compounds were detected in the soil vapor samples at concentrations exceeding comparison criteria. Two compounds, PCE and TCE, were detected at concentrations above the NYSDOH AGVs in one or more samples. The results of analyses of soil vapor samples were also evaluated with respect to the matrices in the NYSDOH Document, which indicates that mitigation is the recommended action, regardless of indoor air concentrations.
- One (1) outdoor air sample was collected at the Site and analyzed for VOCs. There were no VOCs detected in ambient air at concentrations exceeding the range of published background concentrations.
- Twelve (12) soil borings were advanced on the Site to a maximum depth of 20 feet bgs. Groundwater was encountered at the Site at depths ranging from approximately 13 to 19 feet bgs. Visual and olfactory indications of petroleum contamination were observed in one soil boring, TRC-SB-6 at a depth of 19 to 20 feet bgs. Twenty-six (26) soil samples, plus two duplicate soil samples, and ten (10) groundwater samples, plus two duplicate groundwater samples, were submitted for laboratory analysis.
- Historic fill material consisting of brown sand, silts with fine gravel, and coal and brick fragments was encountered at the Site to a maximum depth of approximately 10 feet bgs. Below 10 feet bgs, native material consisting of sand, silt and clay was encountered to 20 feet bgs.
- The results of the analyses of soil samples revealed that two VOCs, naphthalene, and 1,2,4-trimethylbenzene, were detected in one soil sample (TRC-SB-6) at concentrations above Unrestricted Use SCOs and/or NYSDEC CP-51 SCLs. TRC attributes the detected VOC concentrations exceeding the regulatory criteria to the evidence of petroleum contamination identified in this soil interval.
- Although detected at concentrations below the Unrestricted Use SCOs, TCE was present in shallow soil samples (1 to 4 feet bgs) collected from borings TRC-SB-1, TRC-SB-2, TRC-SB-3, TRC-SB-13, and TRC-SB-16 and in deeper soil samples (at the interval above the observed water table) collected from soil borings TRC-SB-3, TRC-SB-4 and TRC-SB-13. The presence of TCE in shallow soil may be attributable to former Site uses and in deeper soils from releases from a former dry cleaner present northwest of the Site.
- The metals chromium, copper, zinc, mercury, and nickel were detected in one or more soil samples at concentrations above Unrestricted Use SCOs. TRC attributes the detected metals

concentrations exceeding the regulatory criteria to the characteristics of Site soil and/or historic fill material at the Site since there was no evidence of contamination observed in these soil samples.

- The soil samples containing chromium at elevated concentrations were analyzed via the TCLP and the analyses indicate that the soil would not be characterized as hazardous waste.
- No SVOCs, PCBs, or pesticides were detected in the soil samples at concentrations above Unrestricted Use SCOs and/or CP-51 SCLs.
- Ten (10) groundwater samples and two duplicate groundwater samples were collected at the Site. Two VOCs, cis-1,2-dichloroethene and trichloroethene (TCE), exceeded the corresponding Class GA Values in two or three of the 10 groundwater samples collected. The chlorinated VOCs detected in groundwater may be attributable to former Site uses or to a historic release from a former dry cleaner present northwest of the Site. Additionally, elevated concentrations of metals were detected in groundwater at the Site, which are attributed to the characteristics of the historic fill and/or Site soil.
- The result of sampling for NYCDEP Sewer Use Discharge Parameters indicate that treatment of dewatering effluent is required prior to discharge to the sewer system due to the presence of total suspended solids and TCE in groundwater.

5.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the results of TRC's Phase II ESI, TRC concludes the following:

- The geophysical surveys did not reveal evidence of utilities or buried structures in the vicinity of the soil borings.
- Seven (7) soil vapor samples were collected and analyzed for VOCs. Petroleum- and chlorinated solvent-related compounds were detected in the soil vapor samples at concentrations exceeding comparison criteria. Two compounds, PCE and TCE, were detected at concentrations above the NYSDOH AGVs in one or more samples. The results of analyses of soil vapor samples were also evaluated with respect to the matrices in the NYSDOH "Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York", dated October 2006 (NYSDOH Guidance), which indicates that mitigation is the recommended action, regardless of indoor air concentrations.
- One (1) outdoor air sample was collected at the Site and analyzed for VOCs. There were no VOCs detected in ambient air at concentrations exceeding the range of published background concentrations.
- Twelve (12) soil borings were advanced on the Site to a maximum depth of 20 feet bgs. Groundwater was encountered at the Site at depths ranging from approximately 13 to 19 feet bgs. Visual and olfactory indications of contamination were observed in one soil boring (TRC-SB-6) at a depth of 19 to 20 feet bgs which is below the depth water was encountered. Twenty-six (26) soil samples, plus two duplicate soil samples; and ten (10) groundwater samples, plus two duplicate groundwater samples, were submitted for laboratory analysis.
- The results of the analyses of soil samples revealed that two VOCs, naphthalene, and 1,2,4-trimethylbenzene, were detected in one soil sample (TRC-SB-6) at concentrations above Unrestricted Use SCOs and/or NYSDEC CP-51 SCLs. TRC attributes the detected VOC concentrations exceeding the regulatory criteria to the evidence of petroleum contamination identified in this soil interval. It should be noted that soil samples collected from this soil boring above the water table did not exhibit evidence of petroleum impacts and the groundwater sample collected at this location did not contain petroleum-related VOCs at concentrations exceeding comparison criteria.
- Although detected at concentrations below the Unrestricted Use SCOs, TCE was present in shallow soil samples (approximately 1 to 4 feet bgs) collected from borings TRC-SB-1, TRC-SB-2, TRC-SB-3, TRC-SB-13, and TRC-SB-16 and in deeper soil samples (at the interval above the observed water table) collected from soil borings TRC-SB-3, TRC-SB-4 and TRC-SB-13. The presence of TCE in shallow soil may be attributable to former Site uses and in deeper soils from releases from a former dry cleaner present northwest of the Site.
- The metals chromium, copper, zinc, mercury, and nickel were detected in one or more soil samples at concentrations above Unrestricted Use SCOs. TRC attributes the detected metals concentrations exceeding the regulatory criteria to the characteristics of historic fill material at the Site since there was no evidence of contamination observed in these soil samples. The soil samples containing chromium at elevated concentrations were analyzed via the TCLP and the analyses indicate that the soil would not be characterized as hazardous waste. No SVOCs, PCBs,

or pesticides were detected in the soil samples at concentrations above Unrestricted Use SCOs and/or CP-51 SCLs.

- Ten (10) groundwater samples and two duplicate groundwater samples were collected at the Site. Two VOCs, cis-1,2-dichloroethene and TCE, exceeded the corresponding Class GA Values in one or more groundwater samples collected from the northwest portion of the Site. The chlorinated VOCs detected in groundwater may be attributable to former Site uses or to a historic release from a former dry cleaner present northwest of the Site. Additionally, elevated concentrations of metals were detected in groundwater at the Site, which are attributed to the characteristics of the historic fill and/or Site soils. A comparison of the groundwater sampling results to the NYCDEP Sewer Use Discharge Limits indicate that treatment of dewatering effluent is required prior to discharge to the sewer system due to the concentration of total suspended solids and TCE.

If the NYCSCA wishes to acquire the Site, and to address the RECs, VECs, and environmental concerns that require special considerations and/or affect the suitability of the Site for use as a school facility, TRC recommends the following:

- Based on the detected concentrations of chlorinated solvent-related VOCs in soil vapor and groundwater, it is likely that some form of groundwater remediation (other than monitored natural attenuation) will be required. A formal agreement (e.g., Brownfields Cleanup Agreement or Order on Consent) with the NYSDEC is required in order to obtain NYSDEC review and approval of future investigation and remediation activities. Depending on the terms of the agreement with the NYSDEC, an investigation of down-gradient (off-site) groundwater impacts and a receptor survey (i.e., soil vapor intrusion investigation) may be required
- To prevent volatile organic compounds in soil vapor from entering the school building, a soil vapor barrier and active sub-slab depressurization system should be integrated into the building design.
- All material excavated during construction activities should be properly characterized and disposed, including collection and analysis of additional samples as required by the contractor-selected disposal facilities.
- If landscaped areas are incorporated into the development of the Site, any exposed soil should be covered by a minimum 2-foot thick layer of environmentally clean fill.
- If dewatering is necessary during school construction activities, treatment of dewatering effluent will be required prior to discharge to the municipal sewer. Dewatering, groundwater treatment, and disposal should be performed in accordance with applicable local, state and federal regulations. Dewatering required during construction should be minimized to mitigate potential influx of contaminated water from off-site sources toward the Site.
- Suspect ACM, LBP, PCB-containing materials, and or mercury-containing materials, including buried structures should be properly managed during development activities.

As noted above, elevated levels of PCE and TCE were detected in soil vapor at concentrations above the NYSDOH AGVs and the source of this contamination has not been confirmed. If the NYCSCA were to acquire the Site, the liabilities associated with further characterization and remediation of potential

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resultant off-site contamination should be considered. Depending on the nature and extent of contamination, responsibilities could include vapor intrusion studies or installation of vapor mitigation controls on off-site structures. The time and cost ramifications resulting from the migration of contamination from the site cannot be determined at this time.

6.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

TRC Engineers, Inc. (TRC) has performed a Phase II Environmental Site Investigation (ESI) of the proposed public school at 168 8th Street and 197 9th Street, Brooklyn, NY (Block 1003, Lot 11). The scope of the Phase II ESI was consistent with the scope of work dated May 15, 2012 and the Supplemental Site Investigation Work Plan dated December 11, 2012 as stated in Section 2.0.

TRC Engineers, Inc.


Prepared By:

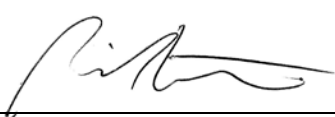
Lindsay Metcalf

Junior Environmental Scientist


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Reviewed By:

Richard Wetherbee

QC Officer

7.0 REFERENCES

- 6 NYCRR 375, effective December 14, 2006: New York State Department of Environmental Conservation Rules and Regulations, Remedial Program Requirements.
- ASTM International (ASTM) E 2600-08 “Standard Practice for Assessment of Vapor Intrusion into Structures on Property Involved in Real Estate Transactions”.
- ASTM E 2600-10 “Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions”
- New York State Department of Health, Center for Environmental Health, Bureau of Environmental Exposure Investigation, *Guidance for Evaluating Soil Vapor Intrusion in the State of New York*, October 2006.
- TRC Engineers, Inc., *Phase I Environmental Site Assessment of Proposed Primary School, 168 8th Street and 197-203 9th Street, Brooklyn, New York 11215*, May 27, 2012.
- TRC Engineers, Inc., *Phase II Environmental Site Investigation Scope of Work, Proposed Primary School, 168 8th Street and 197-203 9th Street, Brooklyn, New York 11215*, May 15, 2012.
- TRC Engineers, Inc. *Supplemental Site Investigation Work Plan Proposed Primary School, 168 8th Street and 197-203 9th Street, Brooklyn, New York 11215*, December 11, 2012.
- United States Geologic Survey Topographic Map 7.5-Minute Quadrangle Map Brooklyn, N.Y., 1979, photorevised 1995.

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TABLES

Table 1
Summary of Soil Vapor and Ambient Air Sampling Results
Volatile Organic Compounds
Proposed Public School
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SAMPLE NAME LAB ID NO. DATE SAMPLE COLLECTED	Soil Vapor							Ambient Air	NYSDOH AGV	NYSDEC Maximum Ambient VOCs ⁽¹⁾	ASTM E 2600 Concentration in Existing Residences - 95th Percentile ⁽¹⁾	NYSDOH Fuel Oil 2003 Upper Fence Limit ⁽²⁾		USEPA BASE Data 90th Percentile Value ⁽²⁾		HEI RIOPA 2005 95th Percentile Value ⁽²⁾		NYSDEC Ambient Air Quality Data Station - PS 274 (Site # 7095-98) - 2011 Average Concentration
	TRC-SG-1	TRC-SG-2	TRC-SG-3	TRC-SG-4	TRC-SG-6	TRC-SG-7	TRC-SG-9	TRC-AMB			Indoor	Outdoor	Indoor	Outdoor	Indoor	Outdoor	Indoor	Outdoor
	12K0408-01	12K0633-01	12K0633-02	12K0633-03	12K0682-01	12K0682-02	12K0682-03	12K0408-03										
	11/12/2012	11/12/2012	11/16/2012	11/16/2012	11/19/2012	11/19/2012	11/19/2012	11/12/2012										
COMPOUND	(µg/m ³)	(µg/m ³)	(µg/m ³)	(µg/m ³)	(µg/m ³)	(µg/m ³)	(µg/m ³)	(µg/m ³)	(µg/m ³)	(µg/m ³)	(µg/m ³)	(µg/m ³)	(µg/m ³)	(µg/m ³)	(µg/m ³)	(µg/m ³)	(µg/m ³)	(µg/m ³)
Benzene	28	15	10	5.1	2	4.1	7.5	0.67	--	3.17	13	4.8	13	6.6	9.4	5.16	10	0.870
Carbon tetrachloride	<6.3	<0.63	<0.63	<0.63	<0.63	<0.63	<6.3	0.49	--	1.18	--	1.2	1.3	0.7	<1.3	1.0	1.1	0.470
Chlorobenzene	<4.6	<0.46	<0.46	<0.46	<0.46	<0.46	<4.6	<0.16	--	0.19	--	--	0.4	<0.8	<0.9	--	--	0.005
Chloroethane	<2.6	<0.26	<0.26	<0.26	<0.26	<0.26	<2.6	<0.093	--	0.00	--	0.4	0.4	<1.2	<1.1	--	--	0.000
Chloromethane	<2.1	<0.21	<0.21	<0.21	<0.21	<0.21	<2.1	1	--	2.23	--	4.3	4.2	3.7	3.7	--	--	0.935
1,2-Dichlorobenzene	<6.0	<0.60	1.3	<0.60	<0.60	<0.60	<6.0	<0.21	--	0.28	--	0.4	0.5	<1.2	<1.2	--	--	0.000
1,3-Dichlorobenzene	<6.0	<0.60	<0.60	<0.60	<0.60	<0.60	<6.0	<0.21	--	0.25	--	0.4	0.5	<2.2	<2.4	--	--	0.000
1,1-Dichloroethane	<4.0	<0.40	<0.40	<0.40	<0.40	<0.40	<4.0	<0.14	--	0.18	--	--	0.4	<0.6	<0.7	--	--	0.000
1,2-Dichloroethane	<4.0	<0.40	<0.40	<0.40	<0.40	<0.40	<4.0	<0.14	--	0.19	--	0.4	0.4	<0.8	<0.9	--	--	--
1,1-Dichloroethene	10	<0.40	<0.40	<0.40	<0.40	<0.40	<4.0	<0.14	--	0.14	--	0.4	0.4	<1.4	<1.4	--	--	0.000
cis-1,2-Dichloroethene	78	32	<0.40	<0.40	<0.40	<0.40	110	<0.14	--	0.14	--	0.4	0.4	<1.8	<1.9	--	--	0.000
trans-1,2-Dichloroethene	<4.0	2.4	<0.40	<0.40	<0.40	<0.40	5.9	<0.14	--	--	--	--	--	--	--	--	--	--
1,2-Dichloropropane	<4.6	<0.46	<0.46	<0.46	<0.46	<0.46	<4.6	<0.16	--	0.19	--	0.4	0.4	<1.6	<1.6	--	--	0.005
Ethylbenzene	1200	160	5.5	5.2	2.1	26	10	0.33	--	1.52	13	1.0	6.4	3.5	5.7	3.04	7.62	0.382
Methyl tert-butyl ether	<3.6	<0.36	<0.36	0.37	<0.36	<0.36	<3.6	<0.13	--	6.05	--	--	14	6.2	11.5	22.1	36	0.000
Methylene chloride	<35	<3.5	<3.5	<3.5	<3.5	<3.5	<35	<1.2	60	--	--	1.6	16	6.1	10.0	2.46	7.5	--
Naphthalene	6.9	9.3	3.4	3.4	61	11	<5.2	0.29	--	--	2.1	--	--	4.9	5.1	--	--	--
Tetrachloroethene (PCE)	940	480	95	7.9	21	25	530	1.5	100	8.24	4.9 - 6.8	0.7	2.5	6.5	15.9	3.17	6.01	0.516
Toluene	7400	630	19	14	4.7	49	46	1.5	--	9.65	29-49	5.1	57	33.7	43.0	19.6	39.8	2.600
1,1,1 - Trichloroethane (TCA)	<5.5	4.7	6.9	2.4	4.1	7.2	34	<0.19	--	0.40	7.6 - 17	0.6	2.5	2.6	20.6	--	--	--
Trichloroethene (TCE)	16000	5700	4000	180	150	20	14000	<0.19	5	2.70	0.70 - 1.4	0.4	0.5	1.3	4.2	0.79	1.36	0.027
1,2,4-Trimethylbenzene	610	450	26	35	8.5	120	32	0.71	--	2.00	--	1.9	9.8	5.8	9.5	--	--	0.531
1,3,5-Trimethylbenzene	270	160	7.6	10	3.7	32	19	0.26	--	0.66	--	0.7	3.9	2.7	3.7	--	--	0.177
Vinyl chloride	<2.6	<0.26	<0.26	<0.26	<0.26	<0.26	<2.6	<0.090	--	0.05	0.1	0.4	0.4	<1.8	<1.9	--	--	0.002
m&p-Xylenes	4300	570	17	18	5.6	92	43	1.1	--	7.19	22	1.0	11	12.8	22.2	10	22.2	1.341
o-Xylene	1500	310	7.9	9	2.3	39	22	0.42	--	1.78	6.9	1.2	7.1	4.6	7.9	3.23	7.24	0.521

Notes:
µg/m³ = micrograms per cubic meter
< - Less than reporting limit
-- = Not Available
Items shown in bold font exceed the range of published background indoor air concentrations.
Items shaded and in bold font equal or exceed NYSDOH AGVs.
NYSDOH - New York State Department of Health
AGV - Air Guideline Value
ASTM - ASTM International
BASE - Building Assessment and Survey Evaluation
HEI RIOPA - Health Effect Institute: Relationship of Indoor, Outdoor and Personal Air
⁽¹⁾ - From ASTM E 2600-08 "Standard Practice for Assessment of Vapor Intrusion into Structures on Property Involved in Real Estate Transactions"
⁽²⁾ - Per Appendix C of the Final NYSDOH Guidance.

Table 2
Summary of Soil Sampling Analytical Results for
Volatile Organic Compounds
Proposed Public School
168 8th Street and 197 9th Street, Brooklyn, New York

SAMPLE NAME LAB SAMPLE ID DILUTION FACTOR DATE SAMPLE COLLECTED			TRC-SB-1 (1-4ft) 12K0407-01 1 11/12/2012	TRC-SB-1 (15-17ft) 12K0407-02 1 11/12/2012	TRC-SB-2 (1-4ft) 12K0407-05 1 11/12/2012	TRC-SB-2 (15-16ft) 12K0407-06 1 11/12/2012	TRC-SB3 (1-4ft) 12K0612-01 1 11/16/2012
VOLATILE ORGANIC COMPOUNDS (VOCs)	Unrestricted Use SCO (mg/kg)	SCL (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)
Acetone	0.05	NC	<0.12	<0.11	<0.13	<0.12	<0.12
Acrylonitrile	NC	NC	<0.0070	<0.0067	<0.0078	<0.0071	<0.0069
tert-Amyl Methyl Ether (TAME)	NC	NC	<0.0012	<0.0011	<0.0013	<0.0012	<0.0012
Benzene	0.06	0.06	<0.0023	<0.0022	<0.0026	<0.0024	<0.0023
Bromobenzene	NC	NC	<0.0023	<0.0022	<0.0026	<0.0024	<0.0023
Bromochloromethane	NC	NC	<0.0023	<0.0022	<0.0026	<0.0024	<0.0023
Bromodichloromethane	NC	NC	<0.0023	<0.0022	<0.0026	<0.0024	<0.0023
Bromoform	NC	NC	<0.0023	<0.0022	<0.0026	<0.0024	<0.0023
Bromomethane	NC	NC	<0.012	<0.011	<0.013	<0.012	<0.012
2-Butanone (MEK)	0.12	NC	<0.046	<0.045	<0.052	<0.048	<0.046
tert-Butyl Alcohol (TBA)	NC	NC	<0.046	<0.045	<0.052	<0.048	<0.046
n-Butylbenzene	12	12	<0.0023	<0.0022	<0.0026	<0.0024	<0.0023
sec-Butylbenzene	NC	11	<0.0023	<0.0022	<0.0026	<0.0024	<0.0023
tert-Butylbenzene	5.9	5.9	<0.0023	<0.0022	<0.0026	<0.0024	<0.0023
tert-Butyl Ethyl Ether (TBEE)	NC	NC	<0.0023	<0.0022	<0.0026	<0.0024	<0.0012
Carbon Disulfide	NC	NC	<0.0070	<0.0067	<0.0078	<0.0071	<0.0069
Carbon Tetrachloride	0.76	NC	<0.0023	<0.0022	<0.0026	<0.0024	<0.0023
Chlorobenzene	1.1	NC	<0.0023	<0.0022	<0.0026	<0.0024	<0.0023
Chlorodibromomethane	NC	NC	<0.0012	<0.0011	<0.0013	<0.0012	<0.0012
Chloroethane	NC	NC	<0.023	<0.022	<0.026	<0.024	<0.023
Chloroform	0.37	NC	<0.0046	<0.0045	<0.0052	<0.0048	<0.0046
Chloromethane	NC	NC	<0.012	<0.011	<0.013	<0.012	<0.012
2-Chlorotoluene	NC	NC	<0.0023	<0.0022	<0.0026	<0.0024	<0.0023
4-Chlorotoluene	NC	NC	<0.0023	<0.0022	<0.0026	<0.0024	<0.0023
1,2-Dibromo-3-chloropropane (DBCP)	NC	NC	<0.0023	<0.0022	<0.0026	<0.0024	<0.0023
1,2-Dibromoethane (EDB)	NC	NC	<0.0012	<0.0011	<0.0013	<0.0012	<0.0012
Dibromomethane	NC	NC	<0.0023	<0.0022	<0.0026	<0.0024	<0.0023
1,2-Dichlorobenzene	1.1	NC	<0.0023	<0.0022	<0.0026	<0.0024	<0.0023
1,3-Dichlorobenzene	2.4	NC	<0.0023	<0.0022	<0.0026	<0.0024	<0.0023
1,4-Dichlorobenzene	1.8	NC	<0.0023	<0.0022	<0.0026	<0.0024	<0.0023
trans-1,4-Dichloro-2-butene	NC	NC	<0.0046	<0.0045	<0.0052	<0.0048	<0.0046
Dichlorodifluoromethane (Freon 12)	NC	NC	<0.023	<0.022	<0.026	<0.024	<0.023
1,1-Dichloroethane	NC	NC	<0.0023	<0.0022	<0.0026	<0.0024	<0.0023
1,2-Dichloroethane	0.02	NC	<0.0023	<0.0022	<0.0026	<0.0024	<0.0023
1,1-Dichloroethylene	NC	NC	<0.0046	<0.0045	<0.0052	<0.0048	<0.0046
cis-1,2-Dichloroethylene	0.25	NC	<0.0023	<0.0022	<0.0026	<0.0024	<0.0023
trans-1,2-Dichloroethylene	0.19	NC	<0.0023	<0.0022	<0.0026	<0.0024	<0.0023
1,2-Dichloropropane	NC	NC	<0.0023	<0.0022	<0.0026	<0.0024	<0.0023
1,3-Dichloropropane	NC	NC	<0.0012	<0.0011	<0.0013	<0.0012	<0.0012
2,2-Dichloropropane	NC	NC	<0.0023	<0.0022	<0.0026	<0.0024	<0.0023
1,1-Dichloropropene	NC	NC	<0.0023	<0.0022	<0.0026	<0.0024	<0.0023
cis-1,3-Dichloropropene	NC	NC	<0.0012	<0.0011	<0.0013	<0.0012	<0.0012
trans-1,3-Dichloropropene	NC	NC	<0.0012	<0.0011	<0.0013	<0.0012	<0.0012
Diethyl Ether	NC	NC	<0.023	<0.022	<0.026	<0.024	<0.023
Diisopropyl Ether (DIPE)	NC	NC	<0.0012	<0.0011	<0.0013	<0.0012	<0.0012
1,4-Dioxane	NC	NC	<0.12	<0.11	<0.13	<0.12	<0.12
Ethylbenzene	1	1	<0.0023	<0.0022	<0.0026	<0.0024	<0.0023
Hexachlorobutadiene	NC	NC	<0.0023	<0.0022	<0.0026	<0.0024	<0.0023
2-Hexanone (MBK)	NC	NC	<0.023	<0.022	<0.026	<0.024	<0.023
Isopropylbenzene (Cumene)	NC	2.3	<0.0023	<0.0022	<0.0026	<0.0024	<0.0023
p-Isopropyltoluene (p-Cymene)	NC	10	<0.0023	<0.0022	<0.0026	<0.0024	<0.0023
Methyl tert-Butyl Ether (MTBE)	0.93	0.93	<0.0046	<0.0045	<0.0052	<0.0048	<0.0046
Methylene Chloride	0.05	NC	<0.023	<0.022	<0.026	<0.024	<0.023
4-Methyl-2-pentanone (MIBK)	NC	NC	<0.023	<0.022	<0.026	<0.024	<0.023
Naphthalene	12	12	<0.0046	<0.0045	<0.0052	<0.0048	<0.0046
n-Propylbenzene	3.9	3.9	<0.0023	<0.0022	<0.0026	<0.0024	<0.0023
Styrene	NC	NC	<0.0023	<0.0022	<0.0026	<0.0024	<0.0023
1,1,1,2-Tetrachloroethane	NC	NC	<0.0023	<0.0022	<0.0026	<0.0024	<0.0023
1,1,2,2-Tetrachloroethane	0.6	NC	<0.0012	<0.0011	<0.0013	<0.0012	<0.0012
Tetrachloroethylene	1.3	NC	<0.0023	<0.0022	<0.0026	<0.0024	<0.0023
Tetrahydrofuran	NC	NC	<0.012	<0.011	<0.013	<0.012	<0.012
Toluene	0.7	0.7	<0.0023	<0.0022	<0.0026	<0.0024	<0.0023
1,2,3-Trichlorobenzene	NC	NC	<0.0023	<0.0022	<0.0026	<0.0024	<0.0023
1,2,4-Trichlorobenzene	NC	NC	<0.0023	<0.0022	<0.0026	<0.0024	<0.0023
1,3,5-Trichlorobenzene	NC	NC	<0.0023	<0.0022	<0.0026	<0.0024	<0.0023
1,1,1-Trichloroethane	0.68	NC	<0.0023	<0.0022	<0.0026	<0.0024	<0.0023
1,1,2-Trichloroethane	NC	NC	<0.0023	<0.0022	<0.0026	<0.0024	<0.0023
Trichloroethylene	0.47	NC	0.015	<0.0022	0.0063	<0.0024	0.017
Trichlorofluoromethane (Freon 11)	NC	NC	<0.012	<0.011	<0.013	<0.012	<0.012
1,2,3-Trichloropropane	NC	NC	<0.0023	<0.0022	<0.0026	<0.0024	<0.0023
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NC	NC	<0.012	<0.011	<0.013	<0.012	<0.012
1,2,4-Trimethylbenzene	3.6	3.6	<0.0023	<0.0022	<0.0026	<0.0024	<0.0023
1,3,5-Trimethylbenzene	8.4	8.4	<0.0023	<0.0022	<0.0026	<0.0024	<0.0023
Vinyl Chloride	0.02	NC	<0.012	<0.011	<0.013	<0.012	<0.012
m+p Xylene	0.26 ⁽¹⁾	0.26 ⁽²⁾	<0.0046	<0.0045	<0.0052	<0.0048	<0.0046
o-Xylene	0.26 ⁽¹⁾	0.26 ⁽²⁾	<0.0023	<0.0022	<0.0026	<0.0024	<0.0023

Notes:
mg/kg - milligrams per kilogram
< - Less than reporting limit
NC - No criterion
J - Estimated Value
SCO - Soil Cleanup Objective
SCL - Soil Cleanup Level
Light gray shade with black bolded text values exceed SCL for Gasoline Contaminated
Soil based on NYSDEC Commissioner Policy CP-51 and/or Unrestricted Use SCOs

⁽¹⁾ - There is no SCO for m/p xylene or o-xylene. The SCO for total xylenes is 0.26 mg/kg.
⁽²⁾ - There is no SCL for m/p xylene or o-xylene. The SCL for total xylenes is 0.26 mg/kg.

TRC-DUP-1 is a duplicate of TRC-SB15 (10-13ft)
TRC-DUP-2 is a duplicate of TRC-SB4 (17-19ft)

Table 2
Summary of Soil Sampling Analytical Results for
Volatile Organic Compounds
Proposed Public School
168 8th Street and 197 9th Street, Brooklyn, New York

SAMPLE NAME LAB SAMPLE ID DILUTION FACTOR DATE SAMPLE COLLECTED			TRC-SB3 (17-19ft) 12K0612-02 1 11/16/2012	TRC-SB4 (1-4ft) 12K0612-05 1 11/16/2012	TRC-SB4 (17-19ft) 12K0612-06 1 11/16/2012	TRC-DUP-2 12K0612-07 1 11/16/2012	TRC-SB6 (1-4ft) 12K0685-01 1 11/19/2012
VOLATILE ORGANIC COMPOUNDS (VOCs)	Unrestricted Use SCO (mg/kg)	SCL (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)
Acetone	0.05	NC	<0.10	<0.12	<0.11	<0.12	<0.12
Acrylonitrile	NC	NC	<0.0063	<0.0074	<0.0068	<0.0074	<0.0072
tert-Amyl Methyl Ether (TAME)	NC	NC	<0.0010	<0.0012	<0.0011	<0.0012	<0.0012
Benzene	0.06	0.06	<0.0021	<0.0025	<0.0023	<0.0025	<0.0024
Bromobenzene	NC	NC	<0.0021	<0.0025	<0.0023	<0.0025	<0.0024
Bromochloromethane	NC	NC	<0.0021	<0.0025	<0.0023	<0.0025	<0.0024
Bromodichloromethane	NC	NC	<0.0021	<0.0025	<0.0023	<0.0025	<0.0024
Bromoform	NC	NC	<0.0021	<0.0025	<0.0023	<0.0025	<0.0024
Bromomethane	NC	NC	<0.010	<0.012	<0.011	<0.012	<0.012
2-Butanone (MEK)	0.12	NC	<0.042	<0.050	<0.045	<0.049	<0.048
tert-Butyl Alcohol (TBA)	NC	NC	<0.042	<0.050	<0.045	<0.049	<0.048
n-Butylbenzene	12	12	<0.0021	<0.0025	<0.0023	<0.0025	<0.0024
sec-Butylbenzene	NC	11	<0.0021	<0.0025	<0.0023	<0.0025	<0.0024
tert-Butylbenzene	5.9	5.9	<0.0021	<0.0025	<0.0023	<0.0025	<0.0024
tert-Butyl Ethyl Ether (TBEE)	NC	NC	<0.0010	<0.0012	<0.0011	<0.0012	<0.0012
Carbon Disulfide	NC	NC	<0.0063	<0.0074	<0.0068	<0.0074	<0.0072
Carbon Tetrachloride	0.76	NC	<0.0021	<0.0025	<0.0023	<0.0025	<0.0024
Chlorobenzene	1.1	NC	<0.0021	<0.0025	<0.0023	<0.0025	<0.0024
Chlorodibromomethane	NC	NC	<0.0010	<0.0012	<0.0011	<0.0012	<0.0012
Chloroethane	NC	NC	<0.021	<0.025	<0.023	<0.025	<0.024
Chloroform	0.37	NC	<0.0042	<0.0050	<0.0045	<0.0049	<0.0048
Chloromethane	NC	NC	<0.010	<0.012	<0.011	<0.012	<0.012
2-Chlorotoluene	NC	NC	<0.0021	<0.0025	<0.0023	<0.0025	<0.0024
4-Chlorotoluene	NC	NC	<0.0021	<0.0025	<0.0023	<0.0025	<0.0024
1,2-Dibromo-3-chloropropane (DBCP)	NC	NC	<0.0021	<0.0025	<0.0023	<0.0025	<0.0024
1,2-Dibromoethane (EDB)	NC	NC	<0.0010	<0.0012	<0.0011	<0.0012	<0.0012
Dibromomethane	NC	NC	<0.0021	<0.0025	<0.0023	<0.0025	<0.0024
1,2-Dichlorobenzene	1.1	NC	<0.0021	<0.0025	<0.0023	<0.0025	<0.0024
1,3-Dichlorobenzene	2.4	NC	<0.0021	<0.0025	<0.0023	<0.0025	<0.0024
1,4-Dichlorobenzene	1.8	NC	<0.0021	<0.0025	<0.0023	<0.0025	<0.0024
trans-1,4-Dichloro-2-butene	NC	NC	<0.0042	<0.0050	<0.0045	<0.0049	<0.0048
Dichlorodifluoromethane (Freon 12)	NC	NC	<0.021	<0.025	<0.023	<0.025	<0.024
1,1-Dichloroethane	NC	NC	<0.0021	<0.0025	<0.0023	<0.0025	<0.0024
1,2-Dichloroethane	0.02	NC	<0.0021	<0.0025	<0.0023	<0.0025	<0.0024
1,1-Dichloroethylene	NC	NC	<0.0042	<0.0050	<0.0045	<0.0049	<0.0048
cis-1,2-Dichloroethylene	0.25	NC	<0.0021	<0.0025	<0.0023	<0.0025	<0.0024
trans-1,2-Dichloroethylene	0.19	NC	<0.0021	<0.0025	<0.0023	<0.0025	<0.0024
1,2-Dichloropropane	NC	NC	<0.0021	<0.0025	<0.0023	<0.0025	<0.0024
1,3-Dichloropropane	NC	NC	<0.0010	<0.0012	<0.0011	<0.0012	<0.0012
2,2-Dichloropropane	NC	NC	<0.0021	<0.0025	<0.0023	<0.0025	<0.0024
1,1-Dichloropropene	NC	NC	<0.0021	<0.0025	<0.0023	<0.0025	<0.0024
cis-1,3-Dichloropropene	NC	NC	<0.0010	<0.0012	<0.0011	<0.0012	<0.0012
trans-1,3-Dichloropropene	NC	NC	<0.0010	<0.0012	<0.0011	<0.0012	<0.0012
Diethyl Ether	NC	NC	<0.021	<0.025	<0.023	<0.025	<0.024
Diisopropyl Ether (DIPE)	NC	NC	<0.0010	<0.0012	<0.0011	<0.0012	<0.0012
1,4-Dioxane	NC	NC	<0.10	<0.12	<0.11	<0.12	<0.12
Ethylbenzene	1	1	<0.0021	<0.0025	<0.0023	<0.0025	<0.0024
Hexachlorobutadiene	NC	NC	<0.0021	<0.0025	<0.0023	<0.0025	<0.0024
2-Hexanone (MBK)	NC	NC	<0.021	<0.025	<0.023	<0.025	<0.024
Isopropylbenzene (Cumene)	NC	2.3	<0.0021	<0.0025	<0.0023	<0.0025	<0.0024
p-Isopropyltoluene (p-Cymene)	NC	10	<0.0021	<0.0025	<0.0023	<0.0025	<0.0024
Methyl tert-Butyl Ether (MTBE)	0.93	0.93	<0.0042	<0.0050	<0.0045	<0.0049	<0.0048
Methylene Chloride	0.05	NC	<0.021	<0.025	<0.023	<0.025	<0.024
4-Methyl-2-pentanone (MIBK)	NC	NC	<0.021	<0.025	<0.023	<0.025	<0.024
Naphthalene	12	12	<0.0042	<0.0050	<0.0045	<0.0049	<0.0048
n-Propylbenzene	3.9	3.9	<0.0021	<0.0025	<0.0023	<0.0025	<0.0024
Styrene	NC	NC	<0.0021	<0.0025	<0.0023	<0.0025	<0.0024
1,1,1,2-Tetrachloroethane	NC	NC	<0.0021	<0.0025	<0.0023	<0.0025	<0.0024
1,1,2,2-Tetrachloroethane	0.6	NC	<0.0010	<0.0012	<0.0011	<0.0012	<0.0012
Tetrachloroethylene	1.3	NC	<0.0021	<0.0025	<0.0023	<0.0025	<0.0024
Tetrahydrofuran	NC	NC	<0.010	<0.012	<0.011	<0.012	<0.012
Toluene	0.7	0.7	<0.0021	<0.0025	<0.0023	<0.0025	<0.0024
1,2,3-Trichlorobenzene	NC	NC	<0.0021	<0.0025	<0.0023	<0.0025	<0.0024
1,2,4-Trichlorobenzene	NC	NC	<0.0021	<0.0025	<0.0023	<0.0025	<0.0024
1,3,5-Trichlorobenzene	NC	NC	<0.0021	<0.0025	<0.0023	<0.0025	<0.0024
1,1,1-Trichloroethane	0.68	NC	<0.0021	<0.0025	<0.0023	<0.0025	<0.0024
1,1,2-Trichloroethane	NC	NC	<0.0021	<0.0025	<0.0023	<0.0025	<0.0024
Trichloroethylene	0.47	NC	0.0048	<0.0025	0.0051	<0.0025	<0.0024
Trichlorofluoromethane (Freon 11)	NC	NC	<0.010	<0.012	<0.011	<0.012	<0.012
1,2,3-Trichloropropane	NC	NC	<0.0021	<0.0025	<0.0023	<0.0025	<0.0024
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NC	NC	<0.010	<0.012	<0.011	<0.012	<0.012
1,2,4-Trimethylbenzene	3.6	3.6	<0.0021	<0.0025	<0.0023	<0.0025	<0.0024
1,3,5-Trimethylbenzene	8.4	8.4	<0.0021	<0.0025	<0.0023	<0.0025	<0.0024
Vinyl Chloride	0.02	NC	<0.010	<0.012	<0.011	<0.012	<0.012
m+p Xylene	0.26 ⁽¹⁾	0.26 ⁽²⁾	<0.0042	<0.0050	<0.0045	<0.0049	<0.0048
o-Xylene	0.26 ⁽¹⁾	0.26 ⁽²⁾	<0.0021	<0.0025	<0.0023	<0.0025	<0.0024

Notes:
mg/kg - milligrams per kilogram
< - Less than reporting limit
NC - No criterion
J - Estimated Value
SCO - Soil Cleanup Objective
SCL - Soil Cleanup Level
Light gray shade with black bolded text values exceed SCL for Gasoline Contaminated
Soil based on NYSDEC Commissioner Policy CP-51 and/or Unrestricted Use SCOs

⁽¹⁾ - There is no SCO for m/p xylene or o-xylene. The SCO for total xylenes is 0.26 mg/kg.
⁽²⁾ - There is no SCL for m/p xylene or o-xylene. The SCL for total xylenes is 0.26 mg/kg.

TRC-DUP-1 is a duplicate of TRC-SB15 (10-13ft)
TRC-DUP-2 is a duplicate of TRC-SB4 (17-19ft)

Table 2
Summary of Soil Sampling Analytical Results for
Volatile Organic Compounds
Proposed Public School
168 8th Street and 197 9th Street, Brooklyn, New York

SAMPLE NAME LAB SAMPLE ID DILUTION FACTOR DATE SAMPLE COLLECTED			TRC-SB6 (14-16ft) 12K0685-02 1 11/19/2012	TRC-SB6 (19-20ft) 12K0685-03 10 11/19/2012	TRC-SB7 (1-4ft) 12K0685-05 1 11/19/2012	TRC-SB7 (16-18ft) 12K0685-06 1 11/19/2012
VOLATILE ORGANIC COMPOUNDS (VOCs)	Unrestricted Use SCO (mg/kg)	SCL (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)
Acetone	0.05	NC	<0.11	<36	<0.11	<0.090
Acrylonitrile	NC	NC	<0.0063	<3.6	<0.0067	<0.0054
tert-Amyl Methyl Ether (TAME)	NC	NC	<0.0011	<0.36	<0.0011	<0.00090
Benzene	0.06	0.06	<0.0021	<0.71	<0.0022	<0.0018
Bromobenzene	NC	NC	<0.0021	<0.71	<0.0022	<0.0018
Bromochloromethane	NC	NC	<0.0021	<0.71	<0.0022	<0.0018
Bromodichloromethane	NC	NC	<0.0021	<0.71	<0.0022	<0.0018
Bromoform	NC	NC	<0.0021	<0.71	<0.0022	<0.0018
Bromomethane	NC	NC	<0.011	<1.4	<0.011	<0.0090
2-Butanone (MEK)	0.12	NC	<0.042	<14	<0.045	<0.036
tert-Butyl Alcohol (TBA)	NC	NC	<0.042	<14	<0.045	<0.036
n-Butylbenzene	12	12	<0.0021	8.4	<0.0022	<0.0018
sec-Butylbenzene	NC	11	<0.0021	3	<0.0022	<0.0018
tert-Butylbenzene	5.9	5.9	<0.0021	<0.71	<0.0022	<0.0018
tert-Butyl Ethyl Ether (TBEE)	NC	NC	<0.0011	<0.36	<0.0011	<0.00090
Carbon Disulfide	NC	NC	<0.0063	<2.1	<0.0067	<0.0054
Carbon Tetrachloride	0.76	NC	<0.0021	<0.71	<0.0022	<0.0018
Chlorobenzene	1.1	NC	<0.0021	<0.71	<0.0022	<0.0018
Chlorodibromomethane	NC	NC	<0.0011	<0.36	<0.0011	<0.00090
Chloroethane	NC	NC	<0.021	<1.4	<0.022	<0.018
Chloroform	0.37	NC	<0.0042	<1.4	<0.0045	<0.0036
Chloromethane	NC	NC	<0.011	<1.4	<0.011	<0.0090
2-Chlorotoluene	NC	NC	<0.0021	<0.71	<0.0022	<0.0018
4-Chlorotoluene	NC	NC	<0.0021	<0.71	<0.0022	<0.0018
1,2-Dibromo-3-chloropropane (DBCP)	NC	NC	<0.0021	<3.6	<0.0022	<0.0018
1,2-Dibromoethane (EDB)	NC	NC	<0.0011	<0.36	<0.0011	<0.00090
Dibromomethane	NC	NC	<0.0021	<0.71	<0.0022	<0.0018
1,2-Dichlorobenzene	1.1	NC	<0.0021	<0.71	<0.0022	<0.0018
1,3-Dichlorobenzene	2.4	NC	<0.0021	<0.71	<0.0022	<0.0018
1,4-Dichlorobenzene	1.8	NC	<0.0021	<0.71	<0.0022	<0.0018
trans-1,4-Dichloro-2-butene	NC	NC	<0.0042	<1.4	<0.0045	<0.0036
Dichlorodifluoromethane (Freon 12)	NC	NC	<0.021	<1.4	<0.022	<0.018
1,1-Dichloroethane	NC	NC	<0.0021	<0.71	<0.0022	<0.0018
1,2-Dichloroethane	0.02	NC	<0.0021	<0.71	<0.0022	<0.0018
1,1-Dichloroethylene	NC	NC	<0.0042	<0.71	<0.0045	<0.0036
cis-1,2-Dichloroethylene	0.25	NC	<0.0021	<0.71	<0.0022	<0.0018
trans-1,2-Dichloroethylene	0.19	NC	<0.0021	<0.71	<0.0022	<0.0018
1,2-Dichloropropane	NC	NC	<0.0021	<0.71	<0.0022	<0.0018
1,3-Dichloropropane	NC	NC	<0.0011	<0.36	<0.0011	<0.00090
2,2-Dichloropropane	NC	NC	<0.0021	<1.4	<0.0022	<0.0018
1,1-Dichloropropene	NC	NC	<0.0021	<1.4	<0.0022	<0.0018
cis-1,3-Dichloropropene	NC	NC	<0.0011	<0.36	<0.0011	<0.00090
trans-1,3-Dichloropropene	NC	NC	<0.0011	<0.36	<0.0011	<0.00090
Diethyl Ether	NC	NC	<0.021	<1.4	<0.022	<0.018
Diisopropyl Ether (DIPE)	NC	NC	<0.0011	<0.36	<0.0011	<0.00090
1,4-Dioxane	NC	NC	<0.11	<36	<0.11	<0.090
Ethylbenzene	1	1	<0.0021	<0.71	<0.0022	<0.0018
Hexachlorobutadiene	NC	NC	<0.0021	<0.71	<0.0022	<0.0018
2-Hexanone (MBK)	NC	NC	<0.021	<7.1	<0.022	<0.018
Isopropylbenzene (Cumene)	NC	2.3	<0.0021	0.83	<0.0022	<0.0018
p-Isopropyltoluene (p-Cymene)	NC	10	<0.0021	2.6	<0.0022	<0.0018
Methyl tert-Butyl Ether (MTBE)	0.93	0.93	<0.0042	<0.71	<0.0045	<0.0036
Methylene Chloride	0.05	NC	<0.021	<3.6	<0.022	<0.018
4-Methyl-2-pentanone (MIBK)	NC	NC	<0.021	<7.1	<0.022	<0.018
Naphthalene	12	12	<0.0042	16	<0.0045	<0.0036
n-Propylbenzene	3.9	3.9	<0.0021	1.8	<0.0022	<0.0018
Styrene	NC	NC	<0.0021	<0.71	<0.0022	<0.0018
1,1,1,2-Tetrachloroethane	NC	NC	<0.0021	<0.71	<0.0022	<0.0018
1,1,2,2-Tetrachloroethane	0.6	NC	<0.0011	<0.36	<0.0011	<0.00090
Tetrachloroethylene	1.3	NC	<0.0021	<0.71	<0.0022	<0.0018
Tetrahydrofuran	NC	NC	<0.011	<7.1	<0.011	<0.0090
Toluene	0.7	0.7	<0.0021	<0.71	<0.0022	<0.0018
1,2,3-Trichlorobenzene	NC	NC	<0.0021	<3.6	<0.0022	<0.0018
1,2,4-Trichlorobenzene	NC	NC	<0.0021	<0.71	<0.0022	<0.0018
1,3,5-Trichlorobenzene	NC	NC	<0.0021	<0.71	<0.0022	<0.0018
1,1,1-Trichloroethane	0.68	NC	<0.0021	<0.71	<0.0022	<0.0018
1,1,2-Trichloroethane	NC	NC	<0.0021	<0.71	<0.0022	<0.0018
Trichloroethylene	0.47	NC	<0.0021	<0.71	<0.0022	<0.0018
Trichlorofluoromethane (Freon 11)	NC	NC	<0.011	<1.4	<0.011	<0.0090
1,2,3-Trichloropropane	NC	NC	<0.0021	<1.4	<0.0022	<0.0018
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NC	NC	<0.011	<0.71	<0.011	<0.0090
1,2,4-Trimethylbenzene	3.6	3.6	<0.0021	12	<0.0022	<0.0018
1,3,5-Trimethylbenzene	8.4	8.4	<0.0021	7.8	<0.0022	<0.0018
Vinyl Chloride	0.02	NC	<0.011	<1.4	<0.011	<0.0090
m+p Xylene	0.26 ⁽¹⁾	0.26 ⁽²⁾	<0.0042	<1.4	<0.0045	<0.0036
o-Xylene	0.26 ⁽¹⁾	0.26 ⁽²⁾	<0.0021	<0.71	<0.0022	<0.0018

Notes:
mg/kg - milligrams per kilogram
< - Less than reporting limit
NC - No criterion
J - Estimated Value
SCO - Soil Cleanup Objective
SCL - Soil Cleanup Level
Light gray shade with black bolded text values exceed SCL for Gasoline Contaminated
Soil based on NYSDEC Commissioner Policy CP-51 and/or Unrestricted Use SCOs

⁽¹⁾ - There is no SCO for m/p xylene or o-xylene. The SCO for total xylenes is 0.26 mg/kg.
⁽²⁾ - There is no SCL for m/p xylene or o-xylene. The SCL for total xylenes is 0.26 mg/kg.

TRC-DUP-1 is a duplicate of TRC-SB15 (10-13ft)
TRC-DUP-2 is a duplicate of TRC-SB4 (17-19ft)

Table 2
Summary of Soil Sampling Analytical Results for
Volatile Organic Compounds
Proposed Public School
168 8th Street and 197 9th Street, Brooklyn, New York

SAMPLE NAME LAB SAMPLE ID DILUTION FACTOR DATE SAMPLE COLLECTED			TRC-SB-9 (1-4ft) 12K0407-08 1 11/12/2012	TRC-SB-9 (15-16ft) 12K0407-09 1 11/12/2012	TRC-SB10 (1-4ft) 12K0612-10 1 11/16/2012	TRC-SB10 (17-19ft) 12K0612-11 1 11/16/2012	TRC-SB13 (1-2.25ft) 13A0188-04 1 1/8/2013
VOLATILE ORGANIC COMPOUNDS (VOCs)	Unrestricted Use SCO (mg/kg)	SCL (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)
Acetone	0.05	NC	<0.12	<0.12	<0.12	<0.10	<0.12
Acrylonitrile	NC	NC	<0.0070	<0.0070	<0.0073	<0.0060	<0.0070
tert-Amyl Methyl Ether (TAME)	NC	NC	<0.0012	<0.0012	<0.0012	<0.0010	<0.0012
Benzene	0.06	0.06	<0.0023	<0.0023	<0.0024	<0.0020	<0.0023
Bromobenzene	NC	NC	<0.0023	<0.0023	<0.0024	<0.0020	<0.0023
Bromochloromethane	NC	NC	<0.0023	<0.0023	<0.0024	<0.0020	<0.0023
Bromodichloromethane	NC	NC	<0.0023	<0.0023	<0.0024	<0.0020	<0.0023
Bromoform	NC	NC	<0.0023	<0.0023	<0.0024	<0.0020	<0.0023
Bromomethane	NC	NC	<0.012	<0.012	<0.012	<0.010	<0.012
2-Butanone (MEK)	0.12	NC	<0.046	<0.047	<0.049	<0.040	<0.047
tert-Butyl Alcohol (TBA)	NC	NC	<0.046	<0.047	<0.049	<0.040	<0.047
n-Butylbenzene	12	12	<0.0023	<0.0023	<0.0024	<0.0020	<0.0023
sec-Butylbenzene	NC	11	<0.0023	<0.0023	<0.0024	<0.0020	<0.0023
tert-Butylbenzene	5.9	5.9	<0.0023	<0.0023	<0.0024	<0.0020	<0.0023
tert-Butyl Ethyl Ether (TBEE)	NC	NC	<0.0023	<0.0023	<0.0012	<0.0010	<0.0012
Carbon Disulfide	NC	NC	<0.0070	<0.0070	<0.0073	<0.0060	<0.0070
Carbon Tetrachloride	0.76	NC	<0.0023	<0.0023	<0.0024	<0.0020	<0.0023
Chlorobenzene	1.1	NC	<0.0023	<0.0023	<0.0024	<0.0020	<0.0023
Chlorodibromomethane	NC	NC	<0.0012	<0.0012	<0.0012	<0.0010	<0.0012
Chloroethane	NC	NC	<0.023	<0.023	<0.024	<0.020	<0.023
Chloroform	0.37	NC	<0.0046	<0.0047	<0.0049	<0.0040	<0.0047
Chloromethane	NC	NC	<0.012	<0.012	<0.012	<0.010	<0.012
2-Chlorotoluene	NC	NC	<0.0023	<0.0023	<0.0024	<0.0020	<0.0023
4-Chlorotoluene	NC	NC	<0.0023	<0.0023	<0.0024	<0.0020	<0.0023
1,2-Dibromo-3-chloropropane (DBCP)	NC	NC	<0.0023	<0.0023	<0.0024	<0.0020	<0.0023
1,2-Dibromoethane (EDB)	NC	NC	<0.0012	<0.0012	<0.0012	<0.0010	<0.0012
Dibromomethane	NC	NC	<0.0023	<0.0023	<0.0024	<0.0020	<0.0023
1,2-Dichlorobenzene	1.1	NC	<0.0023	<0.0023	<0.0024	<0.0020	<0.0023
1,3-Dichlorobenzene	2.4	NC	<0.0023	<0.0023	<0.0024	<0.0020	<0.0023
1,4-Dichlorobenzene	1.8	NC	<0.0023	<0.0023	<0.0024	<0.0020	<0.0023
trans-1,4-Dichloro-2-butene	NC	NC	<0.0046	<0.0047	<0.0049	<0.0040	<0.0047
Dichlorodifluoromethane (Freon 12)	NC	NC	<0.023	<0.023	<0.024	<0.020	<0.023
1,1-Dichloroethane	NC	NC	<0.0023	<0.0023	<0.0024	<0.0020	<0.0023
1,2-Dichloroethane	0.02	NC	<0.0023	<0.0023	<0.0024	<0.0020	<0.0023
1,1-Dichloroethylene	NC	NC	<0.0046	<0.0047	<0.0049	<0.0040	<0.0047
cis-1,2-Dichloroethylene	0.25	NC	<0.0023	<0.0023	<0.0024	<0.0020	<0.0023
trans-1,2-Dichloroethylene	0.19	NC	<0.0023	<0.0023	<0.0024	<0.0020	<0.0023
1,2-Dichloropropane	NC	NC	<0.0023	<0.0023	<0.0024	<0.0020	<0.0023
1,3-Dichloropropane	NC	NC	<0.0012	<0.0012	<0.0012	<0.0010	<0.0012
2,2-Dichloropropane	NC	NC	<0.0023	<0.0023	<0.0024	<0.0020	<0.0023
1,1-Dichloropropene	NC	NC	<0.0023	<0.0023	<0.0024	<0.0020	<0.0023
cis-1,3-Dichloropropene	NC	NC	<0.0012	<0.0012	<0.0012	<0.0010	<0.0012
trans-1,3-Dichloropropene	NC	NC	<0.0012	<0.0012	<0.0012	<0.0010	<0.0012
Diethyl Ether	NC	NC	<0.023	<0.023	<0.024	<0.020	<0.023
Diisopropyl Ether (DIPE)	NC	NC	<0.0012	<0.0012	<0.0012	<0.0010	<0.0012
1,4-Dioxane	NC	NC	<0.12	<0.12	<0.12	<0.10	<0.12
Ethylbenzene	1	1	<0.0023	<0.0023	<0.0024	<0.0020	<0.0023
Hexachlorobutadiene	NC	NC	<0.0023	<0.0023	<0.0024	<0.0020	<0.0023
2-Hexanone (MBK)	NC	NC	<0.023	<0.023	<0.024	<0.020	<0.023
Isopropylbenzene (Cumene)	NC	2.3	<0.0023	<0.0023	<0.0024	<0.0020	<0.0023
p-Isopropyltoluene (p-Cymene)	NC	10	<0.0023	<0.0023	<0.0024	<0.0020	<0.0023
Methyl tert-Butyl Ether (MTBE)	0.93	0.93	<0.0046	<0.0047	<0.0049	<0.0040	<0.0047
Methylene Chloride	0.05	NC	<0.023	<0.023	<0.024	<0.020	<0.023
4-Methyl-2-pentanone (MIBK)	NC	NC	<0.023	<0.023	<0.024	<0.020	<0.023
Naphthalene	12	12	<0.0046	<0.0047	<0.0049	<0.0040	<0.0047
n-Propylbenzene	3.9	3.9	<0.0023	<0.0023	<0.0024	<0.0020	<0.0023
Styrene	NC	NC	<0.0023	<0.0023	<0.0024	<0.0020	<0.0023
1,1,1,2-Tetrachloroethane	NC	NC	<0.0023	<0.0023	<0.0024	<0.0020	<0.0023
1,1,2,2-Tetrachloroethane	0.6	NC	<0.0012	<0.0012	<0.0012	<0.0010	<0.0012
Tetrachloroethylene	1.3	NC	<0.0023	<0.0023	<0.0024	<0.0020	<0.0023
Tetrahydrofuran	NC	NC	<0.012	<0.012	<0.012	<0.010	<0.012
Toluene	0.7	0.7	<0.0023	<0.0023	<0.0024	<0.0020	<0.0023
1,2,3-Trichlorobenzene	NC	NC	<0.0023	<0.0023	<0.0024	<0.0020	<0.0023
1,2,4-Trichlorobenzene	NC	NC	<0.0023	<0.0023	<0.0024	<0.0020	<0.0023
1,3,5-Trichlorobenzene	NC	NC	<0.0023	<0.0023	<0.0024	<0.0020	<0.0023
1,1,1-Trichloroethane	0.68	NC	<0.0023	<0.0023	<0.0024	<0.0020	<0.0023
1,1,2-Trichloroethane	NC	NC	<0.0023	<0.0023	<0.0024	<0.0020	<0.0023
Trichloroethylene	0.47	NC	<0.0023	<0.0023	<0.0024	<0.0020	0.025
Trichlorofluoromethane (Freon 11)	NC	NC	<0.012	<0.012	<0.012	<0.010	<0.012
1,2,3-Trichloropropane	NC	NC	<0.0023	<0.0023	<0.0024	<0.0020	<0.0023
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NC	NC	<0.012	<0.012	<0.012	<0.010	<0.012
1,2,4-Trimethylbenzene	3.6	3.6	<0.0023	<0.0023	<0.0024	<0.0020	<0.0023
1,3,5-Trimethylbenzene	8.4	8.4	<0.0023	<0.0023	<0.0024	<0.0020	<0.0023
Vinyl Chloride	0.02	NC	<0.012	<0.012	<0.012	<0.010	<0.012
m+p Xylene	0.26 ⁽¹⁾	0.26 ⁽²⁾	<0.0046	<0.0047	<0.0049	<0.0040	<0.0047
o-Xylene	0.26 ⁽¹⁾	0.26 ⁽²⁾	<0.0023	<0.0023	<0.0024	<0.0020	<0.0023

Notes:
mg/kg - milligrams per kilogram
< - Less than reporting limit
NC - No criterion
J - Estimated Value
SCO - Soil Cleanup Objective
SCL - Soil Cleanup Level
Light gray shade with black bolded text values exceed SCL for Gasoline Contaminated
Soil based on NYSDEC Commissioner Policy CP-51 and/or Unrestricted Use SCOs

⁽¹⁾ - There is no SCO for m/p xylene or o-xylene. The SCO for total xylenes is 0.26 mg/kg.
⁽²⁾ - There is no SCL for m/p xylene or o-xylene. The SCL for total xylenes is 0.26 mg/kg.

TRC-DUP-1 is a duplicate of TRC-SB15 (10-13ft)
TRC-DUP-2 is a duplicate of TRC-SB4 (17-19ft)

Table 2
Summary of Soil Sampling Analytical Results for
Volatile Organic Compounds
Proposed Public School
168 8th Street and 197 9th Street, Brooklyn, New York

SAMPLE NAME LAB SAMPLE ID DILUTION FACTOR DATE SAMPLE COLLECTED			TRC-SB13 (15-16ft) 13A0188-05 1 1/8/2013	TRC-SB14 (1-4ft) 13A0226-07 1 1/9/2013	TRC-SB14 (10-13ft) 13A0226-08 1 1/9/2013	TRC-SB15 (1-3ft) 13A0226-01 1 1/9/2013
VOLATILE ORGANIC COMPOUNDS (VOCs)	Unrestricted Use SCO (mg/kg)	SCL (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)
Acetone	0.05	NC	<0.11	<0.10	<0.098	<0.11
Acrylonitrile	NC	NC	<0.0067	<0.0062	<0.0059	<0.0069
tert-Amyl Methyl Ether (TAME)	NC	NC	<0.0011	<0.0010	<0.00098	<0.0011
Benzene	0.06	0.06	<0.0022	<0.0021	<0.0020	<0.0023
Bromobenzene	NC	NC	<0.0022	<0.0021	<0.0020	<0.0023
Bromochloromethane	NC	NC	<0.0022	<0.0021	<0.0020	<0.0023
Bromodichloromethane	NC	NC	<0.0022	<0.0021	<0.0020	<0.0023
Bromoform	NC	NC	<0.0022	<0.0021	<0.0020	<0.0023
Bromomethane	NC	NC	<0.011	<0.010	<0.0098	<0.011
2-Butanone (MEK)	0.12	NC	<0.045	<0.042	<0.039	<0.046
tert-Butyl Alcohol (TBA)	NC	NC	<0.045	<0.042	<0.039	<0.046
n-Butylbenzene	12	12	<0.0022	<0.0021	<0.0020	<0.0023
sec-Butylbenzene	NC	11	<0.0022	<0.0021	<0.0020	<0.0023
tert-Butylbenzene	5.9	5.9	<0.0022	<0.0021	<0.0020	<0.0023
tert-Butyl Ethyl Ether (TBEE)	NC	NC	<0.0011	<0.0021	<0.0020	<0.0023
Carbon Disulfide	NC	NC	<0.0067	<0.0062	<0.0059	<0.0069
Carbon Tetrachloride	0.76	NC	<0.0022	<0.0021	<0.0020	<0.0023
Chlorobenzene	1.1	NC	<0.0022	<0.0021	<0.0020	<0.0023
Chlorodibromomethane	NC	NC	<0.0011	<0.0010	<0.00098	<0.0011
Chloroethane	NC	NC	<0.022	<0.021	<0.020	<0.023
Chloroform	0.37	NC	<0.0045	<0.0042	<0.0039	<0.0046
Chloromethane	NC	NC	<0.011	<0.010	<0.0098	<0.011
2-Chlorotoluene	NC	NC	<0.0022	<0.0021	<0.0020	<0.0023
4-Chlorotoluene	NC	NC	<0.0022	<0.0021	<0.0020	<0.0023
1,2-Dibromo-3-chloropropane (DBCP)	NC	NC	<0.0022	<0.0021	<0.0020	<0.0023
1,2-Dibromoethane (EDB)	NC	NC	<0.0011	<0.0010	<0.00098	<0.0011
Dibromomethane	NC	NC	<0.0022	<0.0021	<0.0020	<0.0023
1,2-Dichlorobenzene	1.1	NC	<0.0022	<0.0021	<0.0020	<0.0023
1,3-Dichlorobenzene	2.4	NC	<0.0022	<0.0021	<0.0020	<0.0023
1,4-Dichlorobenzene	1.8	NC	<0.0022	<0.0021	<0.0020	<0.0023
trans-1,4-Dichloro-2-butene	NC	NC	<0.0045	<0.0042	<0.0039	<0.0046
Dichlorodifluoromethane (Freon 12)	NC	NC	<0.022	<0.021	<0.020	<0.023
1,1-Dichloroethane	NC	NC	<0.0022	<0.0021	<0.0020	<0.0023
1,2-Dichloroethane	0.02	NC	<0.0022	<0.0021	<0.0020	<0.0023
1,1-Dichloroethylene	NC	NC	<0.0045	<0.0042	<0.0039	<0.0046
cis-1,2-Dichloroethylene	0.25	NC	<0.0022	<0.0021	<0.0020	<0.0023
trans-1,2-Dichloroethylene	0.19	NC	<0.0022	<0.0021	<0.0020	<0.0023
1,2-Dichloropropane	NC	NC	<0.0022	<0.0021	<0.0020	<0.0023
1,3-Dichloropropane	NC	NC	<0.0011	<0.0010	<0.00098	<0.0011
2,2-Dichloropropane	NC	NC	<0.0022	<0.0021	<0.0020	<0.0023
1,1-Dichloropropene	NC	NC	<0.0022	<0.0021	<0.0020	<0.0023
cis-1,3-Dichloropropene	NC	NC	<0.0011	<0.0010	<0.00098	<0.0011
trans-1,3-Dichloropropene	NC	NC	<0.0011	<0.0010	<0.00098	<0.0011
Diethyl Ether	NC	NC	<0.022	<0.021	<0.020	<0.023
Diisopropyl Ether (DIPE)	NC	NC	<0.0011	<0.0010	<0.00098	<0.0011
1,4-Dioxane	NC	NC	<0.11	<0.10	<0.098	<0.11
Ethylbenzene	1	1	<0.0022	<0.0021	<0.0020	<0.0023
Hexachlorobutadiene	NC	NC	<0.0022	<0.0021	<0.0020	<0.0023
2-Hexanone (MBK)	NC	NC	<0.022	<0.021	<0.020	<0.023
Isopropylbenzene (Cumene)	NC	2.3	<0.0022	<0.0021	<0.0020	<0.0023
p-Isopropyltoluene (p-Cymene)	NC	10	<0.0022	<0.0021	<0.0020	<0.0023
Methyl tert-Butyl Ether (MTBE)	0.93	0.93	<0.0045	<0.0042	<0.0039	<0.0046
Methylene Chloride	0.05	NC	<0.022	<0.021	<0.020	<0.023
4-Methyl-2-pentanone (MIBK)	NC	NC	<0.022	<0.021	<0.020	<0.023
Naphthalene	12	12	<0.0045	<0.0042	<0.0039	<0.0046
n-Propylbenzene	3.9	3.9	<0.0022	<0.0021	<0.0020	<0.0023
Styrene	NC	NC	<0.0022	<0.0021	<0.0020	<0.0023
1,1,1,2-Tetrachloroethane	NC	NC	<0.0022	<0.0021	<0.0020	<0.0023
1,1,2,2-Tetrachloroethane	0.6	NC	<0.0011	<0.0010	<0.00098	<0.0011
Tetrachloroethylene	1.3	NC	<0.0022	<0.0021	<0.0020	<0.0023
Tetrahydrofuran	NC	NC	<0.011	<0.010	<0.0098	<0.011
Toluene	0.7	0.7	<0.0022	<0.0021	<0.0020	<0.0023
1,2,3-Trichlorobenzene	NC	NC	<0.0022	<0.0021	<0.0020	<0.0023
1,2,4-Trichlorobenzene	NC	NC	<0.0022	<0.0021	<0.0020	<0.0023
1,3,5-Trichlorobenzene	NC	NC	<0.0022	<0.0021	<0.0020	<0.0023
1,1,1-Trichloroethane	0.68	NC	<0.0022	<0.0021	<0.0020	<0.0023
1,1,2-Trichloroethane	NC	NC	<0.0022	<0.0021	<0.0020	<0.0023
Trichloroethylene	0.47	NC	0.01	<0.0021	<0.0020	<0.0023
Trichlorofluoromethane (Freon 11)	NC	NC	<0.011	<0.010	<0.0098	<0.011
1,2,3-Trichloropropane	NC	NC	<0.0022	<0.0021	<0.0020	<0.0023
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NC	NC	<0.011	<0.010	<0.0098	<0.011
1,2,4-Trimethylbenzene	3.6	3.6	<0.0022	<0.0021	<0.0020	<0.0023
1,3,5-Trimethylbenzene	8.4	8.4	<0.0022	<0.0021	<0.0020	<0.0023
Vinyl Chloride	0.02	NC	<0.011	<0.010	<0.0098	<0.011
m+p Xylene	0.26 ⁽¹⁾	0.26 ⁽²⁾	<0.0045	<0.0042	<0.0039	<0.0046
o-Xylene	0.26 ⁽¹⁾	0.26 ⁽²⁾	<0.0022	<0.0021	<0.0020	<0.0023

Notes:
mg/kg - milligrams per kilogram
< - Less than reporting limit
NC - No criterion
J - Estimated Value
SCO - Soil Cleanup Objective
SCL - Soil Cleanup Level
Light gray shade with black bolded text values exceed SCL for Gasoline Contaminated
Soil based on NYSDEC Commissioner Policy CP-51 and/or Unrestricted Use SCOs

⁽¹⁾ - There is no SCO for m/p xylene or o-xylene. The SCO for total xylenes is 0.26 mg/kg.
⁽²⁾ - There is no SCL for m/p xylene or o-xylene. The SCL for total xylenes is 0.26 mg/kg.

TRC-DUP-1 is a duplicate of TRC-SB15 (10-13ft)
TRC-DUP-2 is a duplicate of TRC-SB4 (17-19ft)

Table 2
Summary of Soil Sampling Analytical Results for
Volatile Organic Compounds
Proposed Public School
168 8th Street and 197 9th Street, Brooklyn, New York

SAMPLE NAME LAB SAMPLE ID DILUTION FACTOR DATE SAMPLE COLLECTED			TRC-SB15 (10-13ft) 13A0226-02 1 1/9/2013	TRC-DUP 1 13A0226-03 1 1/9/2013	TRC-SB16 (1-3ft) 13A0188-01 1 1/8/2013	TRC-SB16 (15-17ft) 13A0188-02 1 1/8/2013
VOLATILE ORGANIC COMPOUNDS (VOCs)	Unrestricted Use SCO (mg/kg)	SCL (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)
Acetone	0.05	NC	<0.098	<0.11	<0.11	<0.11
Acrylonitrile	NC	NC	<0.0059	<0.0066	<0.0063	<0.0063
tert-Amyl Methyl Ether (TAME)	NC	NC	<0.00098	<0.0011	<0.0011	<0.0011
Benzene	0.06	0.06	<0.0020	<0.0022	<0.0021	<0.0021
Bromobenzene	NC	NC	<0.0020	<0.0022	<0.0021	<0.0021
Bromochloromethane	NC	NC	<0.0020	<0.0022	<0.0021	<0.0021
Bromodichloromethane	NC	NC	<0.0020	<0.0022	<0.0021	<0.0021
Bromoform	NC	NC	<0.0020	<0.0022	<0.0021	<0.0021
Bromomethane	NC	NC	<0.0098	<0.011	<0.011	<0.011
2-Butanone (MEK)	0.12	NC	<0.039	<0.044	<0.042	<0.042
tert-Butyl Alcohol (TBA)	NC	NC	<0.039	<0.044	<0.042	<0.042
n-Butylbenzene	12	12	<0.0020	<0.0022	<0.0021	<0.0021
sec-Butylbenzene	NC	11	<0.0020	<0.0022	<0.0021	<0.0021
tert-Butylbenzene	5.9	5.9	<0.0020	<0.0022	<0.0021	<0.0021
tert-Butyl Ethyl Ether (TBEE)	NC	NC	<0.0020	<0.0022	<0.0011	<0.0011
Carbon Disulfide	NC	NC	<0.0059	<0.0066	<0.0063	<0.0063
Carbon Tetrachloride	0.76	NC	<0.0020	<0.0022	<0.0021	<0.0021
Chlorobenzene	1.1	NC	<0.0020	<0.0022	<0.0021	<0.0021
Chlorodibromomethane	NC	NC	<0.00098	<0.0011	<0.0011	<0.0011
Chloroethane	NC	NC	<0.020	<0.022	<0.021	<0.021
Chloroform	0.37	NC	<0.0039	<0.0044	<0.0042	<0.0042
Chloromethane	NC	NC	<0.0098	<0.011	<0.011	<0.011
2-Chlorotoluene	NC	NC	<0.0020	<0.0022	<0.0021	<0.0021
4-Chlorotoluene	NC	NC	<0.0020	<0.0022	<0.0021	<0.0021
1,2-Dibromo-3-chloropropane (DBCP)	NC	NC	<0.0020	<0.0022	<0.0021	<0.0021
1,2-Dibromoethane (EDB)	NC	NC	<0.00098	<0.0011	<0.0011	<0.0011
Dibromomethane	NC	NC	<0.0020	<0.0022	<0.0021	<0.0021
1,2-Dichlorobenzene	1.1	NC	<0.0020	<0.0022	<0.0021	<0.0021
1,3-Dichlorobenzene	2.4	NC	<0.0020	<0.0022	<0.0021	<0.0021
1,4-Dichlorobenzene	1.8	NC	<0.0020	<0.0022	<0.0021	<0.0021
trans-1,4-Dichloro-2-butene	NC	NC	<0.0039	<0.0044	<0.0042	<0.0042
Dichlorodifluoromethane (Freon 12)	NC	NC	<0.020	<0.022	<0.021	<0.021
1,1-Dichloroethane	NC	NC	<0.0020	<0.0022	<0.0021	<0.0021
1,2-Dichloroethane	0.02	NC	<0.0020	<0.0022	<0.0021	<0.0021
1,1-Dichloroethylene	NC	NC	<0.0039	<0.0044	<0.0042	<0.0042
cis-1,2-Dichloroethylene	0.25	NC	<0.0020	<0.0022	0.0025	<0.0021
trans-1,2-Dichloroethylene	0.19	NC	<0.0020	<0.0022	<0.0021	<0.0021
1,2-Dichloropropane	NC	NC	<0.0020	<0.0022	<0.0021	<0.0021
1,3-Dichloropropane	NC	NC	<0.00098	<0.0011	<0.0011	<0.0011
2,2-Dichloropropane	NC	NC	<0.0020	<0.0022	<0.0021	<0.0021
1,1-Dichloropropene	NC	NC	<0.0020	<0.0022	<0.0021	<0.0021
cis-1,3-Dichloropropene	NC	NC	<0.00098	<0.0011	<0.0011	<0.0011
trans-1,3-Dichloropropene	NC	NC	<0.00098	<0.0011	<0.0011	<0.0011
Diethyl Ether	NC	NC	<0.020	<0.022	<0.021	<0.021
Diisopropyl Ether (DIPE)	NC	NC	<0.00098	<0.0011	<0.0011	<0.0011
1,4-Dioxane	NC	NC	<0.098	<0.11	<0.11	<0.11
Ethylbenzene	1	1	<0.0020	<0.0022	<0.0021	<0.0021
Hexachlorobutadiene	NC	NC	<0.0020	<0.0022	<0.0021	<0.0021
2-Hexanone (MBK)	NC	NC	<0.020	<0.022	<0.021	<0.021
Isopropylbenzene (Cumene)	NC	2.3	<0.0020	<0.0022	<0.0021	<0.0021
p-Isopropyltoluene (p-Cymene)	NC	10	<0.0020	<0.0022	<0.0021	<0.0021
Methyl tert-Butyl Ether (MTBE)	0.93	0.93	<0.0039	<0.0044	<0.0042	<0.0042
Methylene Chloride	0.05	NC	<0.020	<0.022	<0.021	<0.021
4-Methyl-2-pentanone (MIBK)	NC	NC	<0.020	<0.022	<0.021	<0.021
Naphthalene	12	12	<0.0039	<0.0044	<0.0042	<0.0042
n-Propylbenzene	3.9	3.9	<0.0020	<0.0022	<0.0021	<0.0021
Styrene	NC	NC	<0.0020	<0.0022	<0.0021	<0.0021
1,1,1,2-Tetrachloroethane	NC	NC	<0.0020	<0.0022	<0.0021	<0.0021
1,1,2,2-Tetrachloroethane	0.6	NC	<0.00098	<0.0011	<0.0011	<0.0011
Tetrachloroethylene	1.3	NC	<0.0020	<0.0022	<0.0021	<0.0021
Tetrahydrofuran	NC	NC	<0.0098	<0.011	<0.011	<0.011
Toluene	0.7	0.7	<0.0020	<0.0022	<0.0021	<0.0021
1,2,3-Trichlorobenzene	NC	NC	<0.0020	<0.0022	<0.0021	<0.0021
1,2,4-Trichlorobenzene	NC	NC	<0.0020	<0.0022	<0.0021	<0.0021
1,3,5-Trichlorobenzene	NC	NC	<0.0020	<0.0022	<0.0021	<0.0021
1,1,1-Trichloroethane	0.68	NC	<0.0020	<0.0022	<0.0021	<0.0021
1,1,2-Trichloroethane	NC	NC	<0.0020	<0.0022	<0.0021	<0.0021
Trichloroethylene	0.47	NC	<0.0020	<0.0022	0.039	0.0041
Trichlorofluoromethane (Freon 11)	NC	NC	<0.0098	<0.011	<0.011	<0.011
1,2,3-Trichloropropane	NC	NC	<0.0020	<0.0022	<0.0021	<0.0021
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NC	NC	<0.0098	<0.011	<0.011	<0.011
1,2,4-Trimethylbenzene	3.6	3.6	<0.0020	<0.0022	<0.0021	<0.0021
1,3,5-Trimethylbenzene	8.4	8.4	<0.0020	<0.0022	<0.0021	<0.0021
Vinyl Chloride	0.02	NC	<0.0098	<0.011	<0.011	<0.011
m+p Xylene	0.26 ⁽¹⁾	0.26 ⁽²⁾	<0.0039	<0.0044	<0.0042	<0.0042
o-Xylene	0.26 ⁽¹⁾	0.26 ⁽²⁾	<0.0020	<0.0022	<0.0021	<0.0021

Notes:
mg/kg - milligrams per kilogram
< - Less than reporting limit
NC - No criterion
J - Estimated Value
SCO - Soil Cleanup Objective
SCL - Soil Cleanup Level
Light gray shade with black bolded text values exceed SCL for Gasoline Contaminated
Soil based on NYSDEC Commissioner Policy CP-51 and/or Unrestricted Use SCOs

⁽¹⁾ - There is no SCO for m/p xylene or o-xylene. The SCO for total xylenes is 0.26 mg/kg.
⁽²⁾ - There is no SCL for m/p xylene or o-xylene. The SCL for total xylenes is 0.26 mg/kg.

TRC-DUP-1 is a duplicate of TRC-SB15 (10-13ft)
TRC-DUP-2 is a duplicate of TRC-SB4 (17-19ft)

Table 3
Summary of Soil Sampling Analytical Results for
Semivolatile Organic Compounds
Proposed Public School
168 8th Street and 197 9th Street, Brooklyn, New York

SAMPLE NAME LAB SAMPLE ID DILUTION FACTOR DATE SAMPLE COLLECTED			TRC-SB-1 (1-4ft) 12K0407-01 1 11/12/2012	TRC-SB-1 (15-17ft) 12K0407-02 1 11/12/2012	TRC-SB-2 (1-4ft) 12K0407-05 1 11/12/2012	TRC-SB-2 (15-16ft) 12K0407-06 1 11/12/2012
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs)	Unrestricted Use SCO (mg/kg)	Soil Cleanup Level (SCL)	Results (mg/kg)	Results (mg/kg)	Results (mg/kg)	Results (mg/kg)
Acenaphthene	20	20	<0.20	<0.18	<0.20	<0.18
Acenaphthylene	100	100	<0.20	<0.18	<0.20	<0.18
Acetophenone	NC	NC	<0.39	<0.36	<0.40	<0.37
Aniline	NC	NC	<0.39	<0.36	<0.40	<0.37
Anthracene	100	100	<0.20	<0.18	<0.20	<0.18
Benzidine	NC	NC	<0.39	<0.36	<0.40	<0.37
Benzo(a)anthracene	1	1	0.52	<0.18	<0.20	<0.18
Benzo(a)pyrene	1	1	0.44	<0.18	<0.20	<0.18
Benzo(b)fluoranthene	1	1	0.53	<0.18	<0.20	<0.18
Benzo(g,h,i)perylene	100	100	0.36	<0.18	<0.20	<0.18
Benzo(k)fluoranthene	0.8	0.8	<0.20	<0.18	<0.20	<0.18
Benzoic Acid	NC	NC	<1.2	<1.1	<1.2	<1.1
Bis(2-chloroethoxy)methane	NC	NC	<0.39	<0.36	<0.40	<0.37
Bis(2-chloroethyl)ether	NC	NC	<0.39	<0.36	<0.40	<0.37
Bis(2-chloroisopropyl)ether	NC	NC	<0.39	<0.36	<0.40	<0.37
Bis(2-Ethylhexyl)phthalate	NC	NC	<0.39	<0.36	<0.40	<0.37
4-Bromophenylphenylether	NC	NC	<0.39	<0.36	<0.40	<0.37
Butylbenzylphthalate	NC	NC	<0.76	<0.70	<0.79	<0.71
Carbazole	NC	NC	<0.20	<0.18	<0.20	<0.18
4-Chloroaniline	NC	NC	<0.76	<0.70	<0.79	<0.71
4-Chloro-3-methylphenol	NC	NC	<0.76	<0.70	<0.79	<0.71
2-Chloronaphthalene	NC	NC	<0.39	<0.36	<0.40	<0.37
2-Chlorophenol	NC	NC	<0.39	<0.36	<0.40	<0.37
4-Chlorophenylphenylether	NC	NC	<0.39	<0.36	<0.40	<0.37
Chrysene	1	1	0.51	<0.18	<0.20	<0.18
Dibenz(a,h)anthracene	0.33	0.33	<0.20	<0.18	<0.20	<0.18
Dibenzofuran	7	NC	<0.39	<0.36	<0.40	<0.37
Di-n-butylphthalate	NC	NC	<0.39	<0.36	<0.40	<0.37
1,2-Dichlorobenzene	NC	NC	<0.39	<0.36	<0.40	<0.37
1,3-Dichlorobenzene	NC	NC	<0.39	<0.36	<0.40	<0.37
1,4-Dichlorobenzene	NC	NC	<0.39	<0.36	<0.40	<0.37
3,3-Dichlorobenzidine	NC	NC	<0.20	<0.18	<0.20	<0.18
2,4-Dichlorophenol	NC	NC	<0.39	<0.36	<0.40	<0.37
Diethylphthalate	NC	NC	<0.39	<0.36	<0.40	<0.37
2,4-Dimethylphenol	NC	NC	<0.39	<0.36	<0.40	<0.37
Dimethylphthalate	NC	NC	<0.76	<0.70	<0.79	<0.71
4,6-Dinitro-2-methylphenol	NC	NC	<0.39	<0.36	<0.40	<0.37
2,4-Dinitrophenol	NC	NC	<0.76	<0.70	<0.79	<0.71
2,4-Dinitrotoluene	NC	NC	<0.39	<0.36	<0.40	<0.37
2,6-Dinitrotoluene	NC	NC	<0.39	<0.36	<0.40	<0.37
Di-n-octylphthalate	NC	NC	<0.76	<0.70	<0.79	<0.71
1,2-Diphenylhydrazine (as Azobenzene)	NC	NC	<0.39	<0.36	<0.40	<0.37
Fluoranthene	100	100	1.2	<0.18	<0.20	<0.18
Fluorene	30	30	<0.20	<0.18	<0.20	<0.18
Hexachlorobenzene	NC	NC	<0.39	<0.36	<0.40	<0.37
Hexachlorobutadiene	NC	NC	<0.39	<0.36	<0.40	<0.37
Hexachlorocyclopentadiene	NC	NC	<0.76	<0.70	<0.79	<0.71
Hexachloroethane	NC	NC	<0.39	<0.36	<0.40	<0.37
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.39	<0.18	<0.20	<0.18
Isophorone	NC	NC	<0.39	<0.36	<0.40	<0.37
1-Methylnaphthalene	NC	NC	<0.20	<0.18	<0.20	<0.18
2-Methylnaphthalene	NC	NC	<0.20	<0.18	<0.20	<0.18
2-Methylphenol	0.33	NC	<0.39	<0.36	<0.40	<0.37
3/4-Methylphenol	0.33	NC	<0.39	<0.36	<0.40	<0.37
Naphthalene	12	12	<0.20	<0.18	<0.20	<0.18
2-Nitroaniline	NC	NC	<0.39	<0.36	<0.40	<0.37
3-Nitroaniline	NC	NC	<0.39	<0.36	<0.40	<0.37
4-Nitroaniline	NC	NC	<0.39	<0.36	<0.40	<0.37
Nitrobenzene	NC	NC	<0.39	<0.36	<0.40	<0.37
2-Nitrophenol	NC	NC	<0.39	<0.36	<0.40	<0.37
4-Nitrophenol	NC	NC	<0.76	<0.70	<0.79	<0.71
N-Nitrosodimethylamine	NC	NC	<0.39	<0.36	<0.40	<0.37
N-Nitrosodiphenylamine	NC	NC	<0.39	<0.36	<0.40	<0.37
N-Nitrosodi-n-propylamine	NC	NC	<0.39	<0.36	<0.40	<0.37
Pentachloronitrobenzene	NC	NC	<0.39	<0.36	<0.40	<0.37
Pentachlorophenol	0.8	NC	<0.39	<0.36	<0.40	<0.37
Phenanthrene	100	100	0.77	<0.18	<0.20	<0.18
Phenol	0.33	NC	<0.39	<0.36	<0.40	<0.37
Pyrene	100	100	0.98	<0.18	<0.20	<0.18
Pyridine	NC	NC	<0.39	<0.36	<0.40	<0.37
1,2,4,5-Tetrachlorobenzene	NC	NC	<0.39	<0.36	<0.40	<0.37
1,2,4-Trichlorobenzene	NC	NC	<0.39	<0.36	<0.40	<0.37
2,4,5-Trichlorophenol	NC	NC	<0.39	<0.36	<0.40	<0.37
2,4,6-Trichlorophenol	NC	NC	<0.39	<0.36	<0.40	<0.37

Notes:

mg/kg - milligrams per kilogram
< - Less than reporting limit
NC - No criterion
SCL - Soil Cleanup Level
SCO - Soil Cleanup Objective
Light gray shade with black bolded text values exceed CP-51 SCLs for Fuel Oil Contaminated Soil and/or Unrestricted Use SCOs
TRC-DUP-2 is a duplicate of TRC-SB4 (17-19ft)

Table 3
Summary of Soil Sampling Analytical Results for
Semivolatile Organic Compounds
Proposed Public School
168 8th Street and 197 9th Street, Brooklyn, New York

SAMPLE NAME LAB SAMPLE ID DILUTION FACTOR DATE SAMPLE COLLECTED			TRC-SB3 (1-4ft) 12K0612-01 1 11/16/2012	TRC-SB3 (17-19ft) 12K0612-02 1 11/16/2012	TRC-SB4 (1-4ft) 12K0612-05 1 11/16/2012	TRC-SB4 (17-19ft) 12K0612-06 1 11/16/2012
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs)	Unrestricted Use SCO (mg/kg)	Soil Cleanup Level (SCL)	Results (mg/kg)	Results (mg/kg)	Results (mg/kg)	Results (mg/kg)
Acenaphthene	20	20	<0.20	<0.18	<0.20	<0.18
Acenaphthylene	100	100	<0.20	<0.18	<0.20	<0.18
Acetophenone	NC	NC	<0.41	<0.36	<0.39	<0.36
Aniline	NC	NC	<0.41	<0.36	<0.39	<0.36
Anthracene	100	100	<0.20	<0.18	<0.20	<0.18
Benzidine	NC	NC	<0.41	<0.36	<0.39	<0.36
Benzo(a)anthracene	1	1	<0.20	<0.18	<0.20	<0.18
Benzo(a)pyrene	1	1	<0.20	<0.18	<0.20	<0.18
Benzo(b)fluoranthene	1	1	<0.20	<0.18	<0.20	<0.18
Benzo(g,h,i)perylene	100	100	<0.20	<0.18	<0.20	<0.18
Benzo(k)fluoranthene	0.8	0.8	<0.20	<0.18	<0.20	<0.18
Benzoic Acid	NC	NC	<1.2	<1.1	<1.2	<1.1
Bis(2-chloroethoxy)methane	NC	NC	<0.41	<0.36	<0.39	<0.36
Bis(2-chloroethyl)ether	NC	NC	<0.41	<0.36	<0.39	<0.36
Bis(2-chloroisopropyl)ether	NC	NC	<0.41	<0.36	<0.39	<0.36
Bis(2-Ethylhexyl)phthalate	NC	NC	<0.41	<0.36	<0.39	<0.36
4-Bromophenylphenylether	NC	NC	<0.41	<0.36	<0.39	<0.36
Butylbenzylphthalate	NC	NC	<0.79	<0.70	<0.76	<0.70
Carbazole	NC	NC	<0.20	<0.18	<0.20	<0.18
4-Chloroaniline	NC	NC	<0.79	<0.70	<0.76	<0.70
4-Chloro-3-methylphenol	NC	NC	<0.79	<0.70	<0.76	<0.70
2-Chloronaphthalene	NC	NC	<0.41	<0.36	<0.39	<0.36
2-Chlorophenol	NC	NC	<0.41	<0.36	<0.39	<0.36
4-Chlorophenylphenylether	NC	NC	<0.41	<0.36	<0.39	<0.36
Chrysene	1	1	<0.20	<0.18	<0.20	<0.18
Dibenz(a,h)anthracene	0.33	0.33	<0.20	<0.18	<0.20	<0.18
Dibenzofuran	7	NC	<0.41	<0.36	<0.39	<0.36
Di-n-butylphthalate	NC	NC	<0.41	<0.36	<0.39	<0.36
1,2-Dichlorobenzene	NC	NC	<0.41	<0.36	<0.39	<0.36
1,3-Dichlorobenzene	NC	NC	<0.41	<0.36	<0.39	<0.36
1,4-Dichlorobenzene	NC	NC	<0.41	<0.36	<0.39	<0.36
3,3-Dichlorobenzidine	NC	NC	<0.20	<0.18	<0.20	<0.18
2,4-Dichlorophenol	NC	NC	<0.41	<0.36	<0.39	<0.36
Diethylphthalate	NC	NC	<0.41	<0.36	<0.39	<0.36
2,4-Dimethylphenol	NC	NC	<0.41	<0.36	<0.39	<0.36
Dimethylphthalate	NC	NC	<0.79	<0.70	<0.76	<0.70
4,6-Dinitro-2-methylphenol	NC	NC	<0.41	<0.36	<0.39	<0.36
2,4-Dinitrophenol	NC	NC	<0.79	<0.70	<0.76	<0.70
2,4-Dinitrotoluene	NC	NC	<0.41	<0.36	<0.39	<0.36
2,6-Dinitrotoluene	NC	NC	<0.41	<0.36	<0.39	<0.36
Di-n-octylphthalate	NC	NC	<0.79	<0.70	<0.76	<0.70
1,2-Diphenylhydrazine (as Azobenzene)	NC	NC	<0.41	<0.36	<0.39	<0.36
Fluoranthene	100	100	<0.20	<0.18	<0.20	<0.18
Fluorene	30	30	<0.20	<0.18	<0.20	<0.18
Hexachlorobenzene	NC	NC	<0.41	<0.36	<0.39	<0.36
Hexachlorobutadiene	NC	NC	<0.41	<0.36	<0.39	<0.36
Hexachlorocyclopentadiene	NC	NC	<0.79	<0.70	<0.76	<0.70
Hexachloroethane	NC	NC	<0.41	<0.36	<0.39	<0.36
Indeno(1,2,3-cd)pyrene	0.5	0.5	<0.20	<0.18	<0.20	<0.18
Isophorone	NC	NC	<0.41	<0.36	<0.39	<0.36
1-Methylnaphthalene	NC	NC	<0.20	<0.18	<0.20	<0.18
2-Methylnaphthalene	NC	NC	<0.20	<0.18	<0.20	<0.18
2-Methylphenol	0.33	NC	<0.41	<0.36	<0.39	<0.36
3/4-Methylphenol	0.33	NC	<0.41	<0.36	<0.39	<0.36
Naphthalene	12	12	<0.20	<0.18	<0.20	<0.18
2-Nitroaniline	NC	NC	<0.41	<0.36	<0.39	<0.36
3-Nitroaniline	NC	NC	<0.41	<0.36	<0.39	<0.36
4-Nitroaniline	NC	NC	<0.41	<0.36	<0.39	<0.36
Nitrobenzene	NC	NC	<0.41	<0.36	<0.39	<0.36
2-Nitrophenol	NC	NC	<0.41	<0.36	<0.39	<0.36
4-Nitrophenol	NC	NC	<0.79	<0.70	<0.76	<0.70
N-Nitrosodimethylamine	NC	NC	<0.41	<0.36	<0.39	<0.36
N-Nitrosodiphenylamine	NC	NC	<0.41	<0.36	<0.39	<0.36
N-Nitrosodi-n-propylamine	NC	NC	<0.41	<0.36	<0.39	<0.36
Pentachloronitrobenzene	NC	NC	<0.41	<0.36	<0.39	<0.36
Pentachlorophenol	0.8	NC	<0.41	<0.36	<0.39	<0.36
Phenanthrene	100	100	<0.20	<0.18	<0.20	<0.18
Phenol	0.33	NC	<0.41	<0.36	<0.39	<0.36
Pyrene	100	100	<0.20	<0.18	<0.20	<0.18
Pyridine	NC	NC	<0.41	<0.36	<0.39	<0.36
1,2,4,5-Tetrachlorobenzene	NC	NC	<0.41	<0.36	<0.39	<0.36
1,2,4-Trichlorobenzene	NC	NC	<0.41	<0.36	<0.39	<0.36
2,4,5-Trichlorophenol	NC	NC	<0.41	<0.36	<0.39	<0.36
2,4,6-Trichlorophenol	NC	NC	<0.41	<0.36	<0.39	<0.36

Notes:

mg/kg - milligrams per kilogram
< - Less than reporting limit
NC - No criterion
SCL - Soil Cleanup Level
SCO - Soil Cleanup Objective
Light gray shade with black bolded text values exceed CP-51 SCLs for Fuel Oil Contaminated Soil and/or Unrestricted Use SCOs
TRC-DUP-2 is a duplicate ot TRC-SB4 (17-19ft)

Table 3
Summary of Soil Sampling Analytical Results for
Semivolatile Organic Compounds
Proposed Public School
168 8th Street and 197 9th Street, Brooklyn, New York

SAMPLE NAME LAB SAMPLE ID DILUTION FACTOR DATE SAMPLE COLLECTED			TRC-DUP-2 12K0612-07 1 11/16/2012	TRC-SB-5 (14-16ft) 12G0121-02 1 7/3/2012	TRC-SB6 (1-4ft) 12K0685-01 1 11/19/2012	TRC-SB6 (14-16ft) 12K0685-02 1 11/19/2012
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs)	Unrestricted Use SCO (mg/kg)	Soil Cleanup Level (SCL)	Results (mg/kg)	Results (mg/kg)	Results (mg/kg)	Results (mg/kg)
Acenaphthene	20	20	<0.20	<0.19	<0.20	<0.19
Acenaphthylene	100	100	<0.20	<0.19	<0.20	<0.19
Acetophenone	NC	NC	<0.39	<0.37	<0.40	<0.38
Aniline	NC	NC	<0.39	<0.37	<0.40	<0.38
Anthracene	100	100	<0.20	<0.19	<0.20	<0.19
Benzidine	NC	NC	<0.39	<0.37	<0.40	<0.38
Benzo(a)anthracene	1	1	<0.20	<0.19	<0.20	<0.19
Benzo(a)pyrene	1	1	<0.20	<0.19	<0.20	<0.19
Benzo(b)fluoranthene	1	1	<0.20	<0.19	<0.20	<0.19
Benzo(g,h,i)perylene	100	100	<0.20	<0.19	<0.20	<0.19
Benzo(k)fluoranthene	0.8	0.8	<0.20	<0.19	<0.20	<0.19
Benzoic Acid	NC	NC	<1.1	<1.1	<1.2	<1.1
Bis(2-chloroethoxy)methane	NC	NC	<0.39	<0.37	<0.40	<0.38
Bis(2-chloroethyl)ether	NC	NC	<0.39	<0.37	<0.40	<0.38
Bis(2-chloroisopropyl)ether	NC	NC	<0.39	<0.37	<0.40	<0.38
Bis(2-Ethylhexyl)phthalate	NC	NC	<0.39	<0.37	<0.40	<0.38
4-Bromophenylphenylether	NC	NC	<0.39	<0.37	<0.40	<0.38
Butylbenzylphthalate	NC	NC	<0.76	<0.73	<0.77	<0.74
Carbazole	NC	NC	<0.20	<0.19	<0.20	<0.19
4-Chloroaniline	NC	NC	<0.76	<0.73	<0.77	<0.74
4-Chloro-3-methylphenol	NC	NC	<0.76	<0.73	<0.77	<0.74
2-Chloronaphthalene	NC	NC	<0.39	<0.37	<0.40	<0.38
2-Chlorophenol	NC	NC	<0.39	<0.37	<0.40	<0.38
4-Chlorophenylphenylether	NC	NC	<0.39	<0.37	<0.40	<0.38
Chrysene	1	1	<0.20	<0.19	<0.20	<0.19
Dibenz(a,h)anthracene	0.33	0.33	<0.20	<0.19	<0.20	<0.19
Dibenzofuran	7	NC	<0.39	<0.37	<0.40	<0.38
Di-n-butylphthalate	NC	NC	<0.39	<0.37	<0.40	<0.38
1,2-Dichlorobenzene	NC	NC	<0.39	<0.37	<0.40	<0.38
1,3-Dichlorobenzene	NC	NC	<0.39	<0.37	<0.40	<0.38
1,4-Dichlorobenzene	NC	NC	<0.39	<0.37	<0.40	<0.38
3,3-Dichlorobenzidine	NC	NC	<0.20	<0.19	<0.20	<0.19
2,4-Dichlorophenol	NC	NC	<0.39	<0.37	<0.40	<0.38
Diethylphthalate	NC	NC	<0.39	<0.37	<0.40	<0.38
2,4-Dimethylphenol	NC	NC	<0.39	<0.37	<0.40	<0.38
Dimethylphthalate	NC	NC	<0.76	<0.73	<0.77	<0.74
4,6-Dinitro-2-methylphenol	NC	NC	<0.39	<0.37	<0.40	<0.38
2,4-Dinitrophenol	NC	NC	<0.76	<0.73	<0.77	<0.74
2,4-Dinitrotoluene	NC	NC	<0.39	<0.37	<0.40	<0.38
2,6-Dinitrotoluene	NC	NC	<0.39	<0.37	<0.40	<0.38
Di-n-octylphthalate	NC	NC	<0.76	<0.73	<0.77	<0.74
1,2-Diphenylhydrazine (as Azobenzene)	NC	NC	<0.39	<0.37	<0.40	<0.38
Fluoranthene	100	100	<0.20	<0.19	<0.20	<0.19
Fluorene	30	30	<0.20	<0.19	<0.20	<0.19
Hexachlorobenzene	NC	NC	<0.39	<0.37	<0.40	<0.38
Hexachlorobutadiene	NC	NC	<0.39	<0.37	<0.40	<0.38
Hexachlorocyclopentadiene	NC	NC	<0.76	<0.73	<0.77	<0.74
Hexachloroethane	NC	NC	<0.39	<0.37	<0.40	<0.38
Indeno(1,2,3-cd)pyrene	0.5	0.5	<0.20	<0.19	<0.20	<0.19
Isophorone	NC	NC	<0.39	<0.37	<0.40	<0.38
1-Methylnaphthalene	NC	NC	<0.20	<0.19	<0.20	<0.19
2-Methylnaphthalene	NC	NC	<0.20	<0.19	<0.20	<0.19
2-Methylphenol	0.33	NC	<0.39	<0.37	<0.40	<0.38
3/4-Methylphenol	0.33	NC	<0.39	<0.37	<0.40	<0.38
Naphthalene	12	12	<0.20	<0.19	<0.20	<0.19
2-Nitroaniline	NC	NC	<0.39	<0.37	<0.40	<0.38
3-Nitroaniline	NC	NC	<0.39	<0.37	<0.40	<0.38
4-Nitroaniline	NC	NC	<0.39	<0.37	<0.40	<0.38
Nitrobenzene	NC	NC	<0.39	<0.37	<0.40	<0.38
2-Nitrophenol	NC	NC	<0.39	<0.37	<0.40	<0.38
4-Nitrophenol	NC	NC	<0.76	<0.73	<0.77	<0.74
N-Nitrosodimethylamine	NC	NC	<0.39	<0.37	<0.40	<0.38
N-Nitrosodiphenylamine	NC	NC	<0.39	<0.37	<0.40	<0.38
N-Nitrosodi-n-propylamine	NC	NC	<0.39	<0.37	<0.40	<0.38
Pentachloronitrobenzene	NC	NC	<0.39	<0.37	<0.40	<0.38
Pentachlorophenol	0.8	NC	<0.39	<0.37	<0.40	<0.38
Phenanthrene	100	100	<0.20	<0.19	<0.20	<0.19
Phenol	0.33	NC	<0.39	<0.37	<0.40	<0.38
Pyrene	100	100	<0.20	<0.19	<0.20	<0.19
Pyridine	NC	NC	<0.39	<0.37	<0.40	<0.38
1,2,4,5-Tetrachlorobenzene	NC	NC	<0.39	<0.37	<0.40	<0.38
1,2,4-Trichlorobenzene	NC	NC	<0.39	<0.37	<0.40	<0.38
2,4,5-Trichlorophenol	NC	NC	<0.39	<0.37	<0.40	<0.38
2,4,6-Trichlorophenol	NC	NC	<0.39	<0.37	<0.40	<0.38

Notes:

mg/kg - milligrams per kilogram
< - Less than reporting limit
NC - No criterion
SCL - Soil Cleanup Level
SCO - Soil Cleanup Objective
Light gray shade with black bolded text values exceed CP-51 SCLs for Fuel Oil Contaminated Soil and/or Unrestricted Use SCOs
TRC-DUP-2 is a duplicate ot TRC-SB4 (17-19ft)

Table 3
Summary of Soil Sampling Analytical Results for
Semivolatile Organic Compounds
Proposed Public School
168 8th Street and 197 9th Street, Brooklyn, New York

SAMPLE NAME LAB SAMPLE ID DILUTION FACTOR DATE SAMPLE COLLECTED			TRC-SB6 (19-20ft) 12K0685-03 4 11/19/2012	TRC-SB7 (1-4ft) 12K0685-05 1 11/19/2012	TRC-SB7 (16-18ft) 12K0685-06 1 11/19/2012	TRC-SB-9 (1-4ft) 12K0407-08 1 11/12/2012
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs)	Unrestricted Use SCO (mg/kg)	Soil Cleanup Level (SCL)	Results (mg/kg)	Results (mg/kg)	Results (mg/kg)	Results (mg/kg)
Acenaphthene	20	20	2	<0.20	<0.19	<0.19
Acenaphthylene	100	100	<1.5	<0.20	<0.19	<0.19
Acetophenone	NC	NC	<3.1	<0.39	<0.39	<0.37
Aniline	NC	NC	<3.1	<0.39	<0.39	<0.37
Anthracene	100	100	<1.5	<0.20	<0.19	<0.19
Benzidine	NC	NC	<3.1	<0.39	<0.39	<0.37
Benzo(a)anthracene	1	1	<1.5	<0.20	<0.19	<0.19
Benzo(a)pyrene	1	1	<1.5	<0.20	<0.19	<0.19
Benzo(b)fluoranthene	1	1	<1.5	<0.20	<0.19	<0.19
Benzo(g,h,i)perylene	100	100	<1.5	<0.20	<0.19	<0.19
Benzo(k)fluoranthene	0.8	0.8	<1.5	<0.20	<0.19	<0.19
Benzoic Acid	NC	NC	<9.1	<1.2	<1.1	<1.1
Bis(2-chloroethoxy)methane	NC	NC	<3.1	<0.39	<0.39	<0.37
Bis(2-chloroethyl)ether	NC	NC	<3.1	<0.39	<0.39	<0.37
Bis(2-chloroisopropyl)ether	NC	NC	<3.1	<0.39	<0.39	<0.37
Bis(2-Ethylhexyl)phthalate	NC	NC	<3.1	<0.39	<0.39	<0.37
4-Bromophenylphenylether	NC	NC	<3.1	<0.39	<0.39	<0.37
Butylbenzylphthalate	NC	NC	<6.0	<0.77	<0.75	<0.72
Carbazole	NC	NC	<1.5	<0.20	<0.19	<0.19
4-Chloroaniline	NC	NC	<6.0	<0.77	<0.75	<0.72
4-Chloro-3-methylphenol	NC	NC	<6.0	<0.77	<0.75	<0.72
2-Chloronaphthalene	NC	NC	<3.1	<0.39	<0.39	<0.37
2-Chlorophenol	NC	NC	<3.1	<0.39	<0.39	<0.37
4-Chlorophenylphenylether	NC	NC	<3.1	<0.39	<0.39	<0.37
Chrysene	1	1	<1.5	<0.20	<0.19	<0.19
Dibenz(a,h)anthracene	0.33	0.33	<1.5	<0.20	<0.19	<0.19
Dibenzofuran	7	NC	<3.1	<0.39	<0.39	<0.37
Di-n-butylphthalate	NC	NC	<3.1	<0.39	<0.39	<0.37
1,2-Dichlorobenzene	NC	NC	<3.1	<0.39	<0.39	<0.37
1,3-Dichlorobenzene	NC	NC	<3.1	<0.39	<0.39	<0.37
1,4-Dichlorobenzene	NC	NC	<3.1	<0.39	<0.39	<0.37
3,3-Dichlorobenzidine	NC	NC	<1.5	<0.20	<0.19	<0.19
2,4-Dichlorophenol	NC	NC	<3.1	<0.39	<0.39	<0.37
Diethylphthalate	NC	NC	<3.1	<0.39	<0.39	<0.37
2,4-Dimethylphenol	NC	NC	<3.1	<0.39	<0.39	<0.37
Dimethylphthalate	NC	NC	<6.0	<0.77	<0.75	<0.72
4,6-Dinitro-2-methylphenol	NC	NC	<3.1	<0.39	<0.39	<0.37
2,4-Dinitrophenol	NC	NC	<6.0	<0.77	<0.75	<0.72
2,4-Dinitrotoluene	NC	NC	<3.1	<0.39	<0.39	<0.37
2,6-Dinitrotoluene	NC	NC	<3.1	<0.39	<0.39	<0.37
Di-n-octylphthalate	NC	NC	<6.0	<0.77	<0.75	<0.72
1,2-Diphenylhydrazine (as Azobenzene)	NC	NC	<3.1	<0.39	<0.39	<0.37
Fluoranthene	100	100	<1.5	<0.20	<0.19	<0.19
Fluorene	30	30	2.1	<0.20	<0.19	<0.19
Hexachlorobenzene	NC	NC	<3.1	<0.39	<0.39	<0.37
Hexachlorobutadiene	NC	NC	<3.1	<0.39	<0.39	<0.37
Hexachlorocyclopentadiene	NC	NC	<6.0	<0.77	<0.75	<0.72
Hexachloroethane	NC	NC	<3.1	<0.39	<0.39	<0.37
Indeno(1,2,3-cd)pyrene	0.5	0.5	<1.5	<0.20	<0.19	<0.19
Isophorone	NC	NC	<3.1	<0.39	<0.39	<0.37
1-Methylnaphthalene	NC	NC	19	<0.20	<0.19	<0.19
2-Methylnaphthalene	NC	NC	17	<0.20	<0.19	<0.19
2-Methylphenol	0.33	NC	<3.1	<0.39	<0.39	<0.37
3/4-Methylphenol	0.33	NC	<3.1	<0.39	<0.39	<0.37
Naphthalene	12	12	4.9	<0.20	<0.19	<0.19
2-Nitroaniline	NC	NC	<3.1	<0.39	<0.39	<0.37
3-Nitroaniline	NC	NC	<3.1	<0.39	<0.39	<0.37
4-Nitroaniline	NC	NC	<3.1	<0.39	<0.39	<0.37
Nitrobenzene	NC	NC	<3.1	<0.39	<0.39	<0.37
2-Nitrophenol	NC	NC	<3.1	<0.39	<0.39	<0.37
4-Nitrophenol	NC	NC	<6.0	<0.77	<0.75	<0.72
N-Nitrosodimethylamine	NC	NC	<3.1	<0.39	<0.39	<0.37
N-Nitrosodiphenylamine	NC	NC	<3.1	<0.39	<0.39	<0.37
N-Nitrosodi-n-propylamine	NC	NC	<3.1	<0.39	<0.39	<0.37
Pentachloronitrobenzene	NC	NC	<3.1	<0.39	<0.39	<0.37
Pentachlorophenol	0.8	NC	<3.1	<0.39	<0.39	<0.37
Phenanthrene	100	100	6.6	<0.20	<0.19	<0.19
Phenol	0.33	NC	<3.1	<0.39	<0.39	<0.37
Pyrene	100	100	<1.5	<0.20	<0.19	<0.19
Pyridine	NC	NC	<3.1	<0.39	<0.39	<0.37
1,2,4,5-Tetrachlorobenzene	NC	NC	<3.1	<0.39	<0.39	<0.37
1,2,4-Trichlorobenzene	NC	NC	<3.1	<0.39	<0.39	<0.37
2,4,5-Trichlorophenol	NC	NC	<3.1	<0.39	<0.39	<0.37
2,4,6-Trichlorophenol	NC	NC	<3.1	<0.39	<0.39	<0.37

Notes:

mg/kg - milligrams per kilogram
< - Less than reporting limit
NC - No criterion
SCL - Soil Cleanup Level
SCO - Soil Cleanup Objective
Light gray shade with black bolded text values exceed CP-51 SCLs for Fuel Oil Contaminated Soil and/or Unrestricted Use SCOs
TRC-DUP-2 is a duplicate of TRC-SB4 (17-19ft)

Table 3
Summary of Soil Sampling Analytical Results for
Semivolatile Organic Compounds
Proposed Public School
168 8th Street and 197 9th Street, Brooklyn, New York

SAMPLE NAME LAB SAMPLE ID DILUTION FACTOR DATE SAMPLE COLLECTED			TRC-SB-9 (15-16ft) 12K0407-09 1 11/12/2012	TRC-SB10 (1-4ft) 12K0612-10 1 11/16/2012	TRC-SB10 (17-19ft) 12K0612-11 1 11/16/2012
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs)	Unrestricted Use SCO (mg/kg)	Soil Cleanup Level (SCL)	Results (mg/kg)	Results (mg/kg)	Results (mg/kg)
Acenaphthene	20	20	<0.19	<0.20	<0.19
Acenaphthylene	100	100	<0.19	<0.20	<0.19
Acetophenone	NC	NC	<0.38	<0.41	<0.38
Aniline	NC	NC	<0.38	<0.41	<0.38
Anthracene	100	100	<0.19	<0.20	<0.19
Benzidine	NC	NC	<0.38	<0.41	<0.38
Benzo(a)anthracene	1	1	0.63	<0.20	<0.19
Benzo(a)pyrene	1	1	0.44	<0.20	<0.19
Benzo(b)fluoranthene	1	1	0.74	<0.20	<0.19
Benzo(g,h,i)perylene	100	100	0.23	<0.20	<0.19
Benzo(k)fluoranthene	0.8	0.8	0.28	<0.20	<0.19
Benzoic Acid	NC	NC	<1.1	<1.2	<1.1
Bis(2-chloroethoxy)methane	NC	NC	<0.38	<0.41	<0.38
Bis(2-chloroethyl)ether	NC	NC	<0.38	<0.41	<0.38
Bis(2-chloroisopropyl)ether	NC	NC	<0.38	<0.41	<0.38
Bis(2-Ethylhexyl)phthalate	NC	NC	<0.38	0.7	<0.38
4-Bromophenylphenylether	NC	NC	<0.38	<0.41	<0.38
Butylbenzylphthalate	NC	NC	<0.74	<0.79	<0.73
Carbazole	NC	NC	<0.19	<0.20	<0.19
4-Chloroaniline	NC	NC	<0.74	<0.79	<0.73
4-Chloro-3-methylphenol	NC	NC	<0.74	<0.79	<0.73
2-Chloronaphthalene	NC	NC	<0.38	<0.41	<0.38
2-Chlorophenol	NC	NC	<0.38	<0.41	<0.38
4-Chlorophenylphenylether	NC	NC	<0.38	<0.41	<0.38
Chrysene	1	1	0.62	<0.20	<0.19
Dibenz(a,h)anthracene	0.33	0.33	<0.19	<0.20	<0.19
Dibenzofuran	7	NC	<0.38	<0.41	<0.38
Di-n-butylphthalate	NC	NC	<0.38	<0.41	<0.38
1,2-Dichlorobenzene	NC	NC	<0.38	<0.41	<0.38
1,3-Dichlorobenzene	NC	NC	<0.38	<0.41	<0.38
1,4-Dichlorobenzene	NC	NC	<0.38	<0.41	<0.38
3,3-Dichlorobenzidine	NC	NC	<0.19	<0.20	<0.19
2,4-Dichlorophenol	NC	NC	<0.38	<0.41	<0.38
Diethylphthalate	NC	NC	<0.38	<0.41	<0.38
2,4-Dimethylphenol	NC	NC	<0.38	<0.41	<0.38
Dimethylphthalate	NC	NC	<0.74	<0.79	<0.73
4,6-Dinitro-2-methylphenol	NC	NC	<0.38	<0.41	<0.38
2,4-Dinitrophenol	NC	NC	<0.74	<0.79	<0.73
2,4-Dinitrotoluene	NC	NC	<0.38	<0.41	<0.38
2,6-Dinitrotoluene	NC	NC	<0.38	<0.41	<0.38
Di-n-octylphthalate	NC	NC	<0.74	<0.79	<0.73
1,2-Diphenylhydrazine (as Azobenzene)	NC	NC	<0.38	<0.41	<0.38
Fluoranthene	100	100	1.2	<0.20	<0.19
Fluorene	30	30	<0.19	<0.20	<0.19
Hexachlorobenzene	NC	NC	<0.38	<0.41	<0.38
Hexachlorobutadiene	NC	NC	<0.38	<0.41	<0.38
Hexachlorocyclopentadiene	NC	NC	<0.74	<0.79	<0.73
Hexachloroethane	NC	NC	<0.38	<0.41	<0.38
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.29	<0.20	<0.19
Isophorone	NC	NC	<0.38	<0.41	<0.38
1-Methylnaphthalene	NC	NC	<0.19	<0.20	<0.19
2-Methylnaphthalene	NC	NC	<0.19	<0.20	<0.19
2-Methylphenol	0.33	NC	<0.38	<0.41	<0.38
3/4-Methylphenol	0.33	NC	<0.38	<0.41	<0.38
Naphthalene	12	12	<0.19	<0.20	<0.19
2-Nitroaniline	NC	NC	<0.38	<0.41	<0.38
3-Nitroaniline	NC	NC	<0.38	<0.41	<0.38
4-Nitroaniline	NC	NC	<0.38	<0.41	<0.38
Nitrobenzene	NC	NC	<0.38	<0.41	<0.38
2-Nitrophenol	NC	NC	<0.38	<0.41	<0.38
4-Nitrophenol	NC	NC	<0.74	<0.79	<0.73
N-Nitrosodimethylamine	NC	NC	<0.38	<0.41	<0.38
N-Nitrosodiphenylamine	NC	NC	<0.38	<0.41	<0.38
N-Nitrosodi-n-propylamine	NC	NC	<0.38	<0.41	<0.38
Pentachloronitrobenzene	NC	NC	<0.38	<0.41	<0.38
Pentachlorophenol	0.8	NC	<0.38	<0.41	<0.38
Phenanthrene	100	100	0.83	<0.20	<0.19
Phenol	0.33	NC	<0.38	<0.41	<0.38
Pyrene	100	100	0.94	<0.20	<0.19
Pyridine	NC	NC	<0.38	<0.41	<0.38
1,2,4,5-Tetrachlorobenzene	NC	NC	<0.38	<0.41	<0.38
1,2,4-Trichlorobenzene	NC	NC	<0.38	<0.41	<0.38
2,4,5-Trichlorophenol	NC	NC	<0.38	<0.41	<0.38
2,4,6-Trichlorophenol	NC	NC	<0.38	<0.41	<0.38

Notes:
mg/kg - milligrams per kilogram
< - Less than reporting limit
NC - No criterion
SCL - Soil Cleanup Level
SCO - Soil Cleanup Objective
Light gray shade with black bolded text values exceed CP-51 SCLs for Fuel Oil Contaminated Soil and/or Unrestricted Use SCOs
TRC-DUP-2 is a duplicate of TRC-SB4 (17-19ft)

Table 4
Summary of Soil Sampling Analytical Results for
Metals including Cyanide and Hexavalent Chromium
Proposed Public School
168 8th Street and 197 9th Street, Brooklyn, New York

SAMPLE NAME LAB SAMPLE ID DILUTION FACTOR DATE SAMPLE COLLECTED		TRC-SB-1 (1-4ft) 12K0407-01 1 11/12/2012	TRC-SB-1 (15-17ft) 12K0407-02 1 11/12/2012	TRC-SB-2 (1-4ft) 12K0407-05 1 11/12/2012	TRC-SB-2 (15-16ft) 12K0407-06 1 11/12/2012	TRC-SB3 (1-4ft) 12K0612-01 1 11/16/2012	TRC-SB-3 (5-7ft) 12K0612-03 1 11/16/2012	TRC-SB3 (17-19ft) 12K0612-02 1 11/16/2012	TRC-SB4 (1-4ft) 12K0612-05 1 11/16/2012	TRC-SB4 (17-19ft) 12K0612-06 1 11/16/2012
METALS	Unrestricted Use SCO	Results (mg/kg)	Results (mg/kg)	Results (mg/kg)	Results (mg/kg)	Results (mg/kg)	Results (mg/kg)	Results (mg/kg)	Results (mg/kg)	Results (mg/kg)
Aluminum	NC	7700	3000	4200	3300	11000	NA	5100	8300	5300
Antimony	NC	<2.8	<2.5	<2.9	<2.7	<2.9	NA	<2.7	<2.9	<2.5
Arsenic	13	4	<2.5	3.7	<2.7	<2.9	NA	<2.7	<2.9	<2.5
Barium	350	47	26	26	27	64	NA	39	30	36
Beryllium	7.2	<0.28	<0.25	<0.29	<0.27	<0.29	NA	<0.27	<0.29	<0.25
Cadmium	2.5	0.35	<0.25	0.32	<0.27	<0.29	NA	<0.27	<0.29	<0.25
Calcium	NC	4600	1100	580	1300	1600	NA	1200	1100	900
Chromium	30	15	6.9	120	10	12	NA	12	12	10
Cobalt	NC	5.3	4.8	3.3	3.3	5.8	NA	4.4	6.2	5.1
Copper	50	100	240	38	14	11	NA	15	12	8.7
Iron	NC	15000	5400	10000	6100	14000	NA	12000	16000	11000
Lead	63	44	5.4	27	6.3	61	NA	5.2	14	3.9
Magnesium	NC	2100	2000	1400	1700	1900	NA	2200	2800	2200
Manganese	1,600	220	240	91	270	590	NA	300	420	340
Mercury	0.18	2.6 D	<0.026	<0.029	<0.027	0.15	NA	<0.026	0.032	<0.026
Nickel	30	600	65	9	7.9	9.8	NA	12	11	10
Potassium	NC	710	790	590	720	680	NA	850	790	850
Selenium	3.9	<2.8	<2.5	<2.9	<2.7	<2.9	NA	<2.7	<2.9	<2.5
Silver	2	<0.55	<0.51	<0.59	<0.55	<0.58	NA	<0.53	<0.58	<0.50
Sodium	NC	<110	<100	<120	<110	<120	NA	<110	<120	<99
Thallium	NC	<2.8	<2.5	<2.9	<2.7	<2.9	NA	<2.7	<2.9	<2.5
Vanadium	NC	29	11	14	12	20	NA	31	22	14
Zinc	109	110	77	74	34	44	NA	26	35	24
Cyanide	27	NA	NA	0.59	NA	NA	<0.56	NA	NA	NA
Hexavalent chromium	1	NA	NA	0.27	NA	NA	<0.36 D	NA	NA	NA

Notes:

mg/kg - milligrams per kilogram

NA - Compound not analyzed

ND - Not detected

< - Less than reporting limit

D - Compound was diluted

J - Estimated Value

SCO - Soil Cleanup Objective

Light gray shade with black bolded text values

exceed Unrestricted Use SCO

TRC-DUP-2 is a duplicate of TRC-SB4 (17-19ft)

Table 4
Summary of Soil Sampling Analytical Results for
Metals including Cyanide and Hexavalent Chromium
Proposed Public School
168 8th Street and 197 9th Street, Brooklyn, New York

SAMPLE NAME LAB SAMPLE ID DILUTION FACTOR DATE SAMPLE COLLECTED		TRC-DUP-2 12K0612-07 1 11/16/2012	TRC-SB6 (1-4ft) 12K0685-01 1 11/19/2012	TRC-SB6 (14-16ft) 12K0685-02 1 11/19/2012	TRC-SB7 (1-4ft) 12K0685-05 1 11/19/2012	TRC-SB7 (16-18ft) 12K0685-06 1 11/19/2012	TRC-SB-9 (1-4ft) 12K0407-08 1 11/12/2012	TRC-SB-9 (15-16ft) 12K0407-09 1 11/12/2012	TRC-SB10 (1-4ft) 12K0612-10 1 11/16/2012	TRC-SB10 (17-19ft) 12K0612-11 1 11/16/2012
METALS	Unrestricted Use SCO	Results (mg/kg)	Results (mg/kg)	Results (mg/kg)	Results (mg/kg)	Results (mg/kg)	Results (mg/kg)	Results (mg/kg)	Results (mg/kg)	Results (mg/kg)
Aluminum	NC	11000	11000	7300	9900	4800	4500	3700	15000	6400
Antimony	NC	<2.8	<2.9	<2.8	<2.9	<2.8	<2.6	<2.6	<2.8	<2.6
Arsenic	13	<2.8	<2.9	<2.8	<2.9	<2.8	6.7	<2.6	<2.8	<2.6
Barium	350	32	81	58	38	34	20	26	35	48
Beryllium	7.2	<0.28	<0.29	<0.28	<0.29	<0.28	<0.26	<0.26	<0.28	<0.26
Cadmium	2.5	0.3	<0.29	<0.28	<0.29	<0.28	<0.26	<0.26	<0.28	<0.26
Calcium	NC	1500	1900	2200	1300	1500	480	2100	1600	1400
Chromium	30	14	12	16	13	11	600	34	20	11
Cobalt	NC	7.2	6.1	6.8	6.8	5.1	3.2	3.6	6.4	5.5
Copper	50	10	13	17	17	14	35	25	13	14
Iron	NC	18000	15000	13000	16000	9800	11000	7000	24000	11000
Lead	63	15	62	10	13	7.4	11	5.9	25	8.2
Magnesium	NC	2200	1900	3200	2100	2500	1500	1600	2400	2500
Manganese	1,600	300	600	350	360	280	88	170	230	410
Mercury	0.18	0.033	0.15	<0.028	<0.029	<0.028	<0.027	<0.028	0.1	<0.027
Nickel	30	10	11	15	11	9.8	12	14	10	13
Potassium	NC	770	770	1600	690	1100	620	640	850	1100
Selenium	3.9	<2.8	<2.9	<2.8	<2.9	<2.8	<2.6	<2.6	<2.8	<2.6
Silver	2	<0.56	<0.58	<0.56	<0.58	<0.57	<0.53	<0.52	<0.57	<0.52
Sodium	NC	<110	<120	150	<120	<110	<110	<100	<110	<100
Thallium	NC	<2.8	<2.9	<2.8	<2.9	<2.8	<2.6	<2.6	<2.8	<2.6
Vanadium	NC	23	19	24	22	17	16	12	32	21
Zinc	109	42	31	36	27	27	28	33	35	32
Cyanide	27	NA	NA	NA	NA	<0.48	NA	NA	NA	NA
Hexavalent chromium	1	NA	NA	NA	NA	0.66	NA	NA	NA	NA

Notes:
mg/kg - milligrams per kilogram
NA - Compound not analyzed
ND - Not detected
< - Less than reporting limit
D - Compound was diluted
J - Estimated Value
SCO - Soil Cleanup Objective
Light gray shade with black bolded text values
exceed Unrestricted Use SCO
TRC-DUP-2 is a duplicate of TRC-SB4 (17-19ft)

Table 5
Summary of Soil Sampling Analytical Results for
TCLP Chromium
Proposed Public School
168 8th Street and 197 9th Street
Brooklyn, New York

SAMPLE NAME LAB SAMPLE ID DILUTION FACTOR DATE SAMPLE COLLECTED		TRC-SB-2(1-4ft) 12K0950-02 1 11/12/2012		TRC-SB-9(1-4ft) 12K0950-02 1 11/12/2012	
METALS	TCLP Regulatory Level (mg/L)	Results (mg/L)		Results (mg/L)	
Chromium	5	0.024		0.11	

Notes:

mg/L - milligram per liter

Table 6
Summary of Soil Sampling Analytical Results for
Polychlorinated Biphenyls (PCBs)
Proposed Public School
168 8th Street and 197 9th Street, Brooklyn, New York

SAMPLE NAME LAB SAMPLE ID DILUTION FACTOR DATE SAMPLE COLLECTED		TRC-SB-1 (1-4ft) 12K0407-01 1 11/12/2012	TRC-SB-1 (15-17ft) 12K0407-02 1 11/12/2012	TRC-SB-2 (1-4ft) 12K0407-05 1 11/12/2012	TRC-SB-2 (15-16ft) 12K0407-06 1 11/12/2012	TRC-SB3 (1-4ft) 12K0612-01 1 11/16/2012	TRC-SB3 (17-19ft) 12K0612-02 1 11/16/2012
POLYCHLORINATED BIPHENYLS (PCBs)	Unrestricted Use SCO	Results (mg/kg)	Results (mg/kg)	Results (mg/kg)	Results (mg/kg)	Results (mg/kg)	Results (mg/kg)
Aroclor-1016	NC	<0.023	<0.021	<0.023	<0.022	<0.023	<0.021
Aroclor-1221	NC	<0.023	<0.021	<0.023	<0.022	<0.023	<0.021
Aroclor-1232	NC	<0.023	<0.021	<0.023	<0.022	<0.023	<0.021
Aroclor-1242	NC	<0.023	<0.021	<0.023	<0.022	<0.023	<0.021
Aroclor-1248	NC	<0.023	<0.021	<0.023	<0.022	<0.023	<0.021
Aroclor-1254	NC	<0.023	<0.021	<0.023	<0.022	<0.023	<0.021
Aroclor-1260	NC	<0.023	<0.021	<0.023	<0.022	<0.023	<0.021
Aroclor-1262	NC	<0.023	<0.021	<0.023	<0.022	<0.023	<0.021
Aroclor-1268	NC	<0.023	<0.021	<0.023	<0.022	<0.023	<0.021
Total PCBs	0.1	ND	ND	ND	ND	ND	ND

Notes:

mg/kg - milligrams per kilogram

< - Less than reporting limit

ND - Not detected

NC - No criterion

SCO - Soil Cleanup Objective

Light gray shade with black bolded text values exceed

Unrestricted Use SCO

Dup-1 is a duplicate of TRC-SB-5 (1-4ft)

TRC-DUP-2 is a duplicate of TRC-SB4 (17-19ft)

Table 6
Summary of Soil Sampling Analytical Results for
Polychlorinated Biphenyls (PCBs)
Proposed Public School
168 8th Street and 197 9th Street, Brooklyn, New York

SAMPLE NAME LAB SAMPLE ID DILUTION FACTOR DATE SAMPLE COLLECTED		TRC-SB4 (1-4ft) 12K0612-05 1 11/16/2012	TRC-SB4 (17-19ft) 12K0612-06 1 11/16/2012	TRC-DUP-2 12K0612-07 1 11/16/2012	TRC-SB6 (1-4ft) 12K0685-01 1 11/19/2012	TRC-SB6 (14-16ft) 12K0685-02 1 11/19/2012	TRC-SB7 (1-4ft) 12K0685-05 1 11/19/2012
POLYCHLORINATED BIPHENYLS (PCBs)	Unrestricted Use SCO	Results (mg/kg)	Results (mg/kg)	Results (mg/kg)	Results (mg/kg)	Results (mg/kg)	Results (mg/kg)
Aroclor-1016	NC	<0.023	<0.020	<0.022	<0.023	<0.023	<0.023
Aroclor-1221	NC	<0.023	<0.020	<0.022	<0.023	<0.023	<0.023
Aroclor-1232	NC	<0.023	<0.020	<0.022	<0.023	<0.023	<0.023
Aroclor-1242	NC	<0.023	<0.020	<0.022	<0.023	<0.023	<0.023
Aroclor-1248	NC	<0.023	<0.020	<0.022	<0.023	<0.023	<0.023
Aroclor-1254	NC	<0.023	<0.020	<0.022	<0.023	<0.023	<0.023
Aroclor-1260	NC	<0.023	<0.020	<0.022	<0.023	<0.023	<0.023
Aroclor-1262	NC	<0.023	<0.020	<0.022	<0.023	<0.023	<0.023
Aroclor-1268	NC	<0.023	<0.020	<0.022	<0.023	<0.023	<0.023
Total PCBs	0.1	ND	ND	ND	ND	ND	ND

Notes:

mg/kg - milligrams per kilogram

< - Less than reporting limit

ND - Not detected

NC - No criterion

SCO - Soil Cleanup Objective

Light gray shade with black bolded text values exceed

Unrestricted Use SCO

Dup-1 is a duplicate of TRC-SB-5 (1-4ft)

TRC-DUP-2 is a duplicate of TRC-SB4 (17-19ft)

Table 6
Summary of Soil Sampling Analytical Results for
Polychlorinated Biphenyls (PCBs)
Proposed Public School
168 8th Street and 197 9th Street, Brooklyn, New York

SAMPLE NAME LAB SAMPLE ID DILUTION FACTOR DATE SAMPLE COLLECTED		TRC-SB7 (16-18ft) 12K0685-06 1 11/19/2012	TRC-SB-9 (1-4ft) 12K0407-08 1 11/12/2012	TRC-SB-9 (15-16ft) 12K0407-09 1 11/12/2012	TRC-SB10 (1-4ft) 12K0612-10 1 11/16/2012	TRC-SB10 (17-19ft) 12K0612-11 1 11/16/2012
POLYCHLORINATED BIPHENYLS (PCBs)	Unrestricted Use SCO	Results (mg/kg)	Results (mg/kg)	Results (mg/kg)	Results (mg/kg)	Results (mg/kg)
Aroclor-1016	NC	<0.022	<0.021	<0.022	<0.023	<0.022
Aroclor-1221	NC	<0.022	<0.021	<0.022	<0.023	<0.022
Aroclor-1232	NC	<0.022	<0.021	<0.022	<0.023	<0.022
Aroclor-1242	NC	<0.022	<0.021	<0.022	<0.023	<0.022
Aroclor-1248	NC	<0.022	<0.021	<0.022	<0.023	<0.022
Aroclor-1254	NC	<0.022	<0.021	<0.022	<0.023	<0.022
Aroclor-1260	NC	<0.022	<0.021	<0.022	<0.023	<0.022
Aroclor-1262	NC	<0.022	<0.021	<0.022	<0.023	<0.022
Aroclor-1268	NC	<0.022	<0.021	<0.022	<0.023	<0.022
Total PCBs	0.1	ND	ND	ND	ND	ND

Notes:

mg/kg - milligrams per kilogram

< - Less than reporting limit

ND - Not detected

NC - No criterion

SCO - Soil Cleanup Objective

Light gray shade with black bolded text values exceed

Unrestricted Use SCO

Dup-1 is a duplicate of TRC-SB-5 (1-4ft)

TRC-DUP-2 is a duplicate of TRC-SB4 (17-19ft)

Table 7
Summary of Soil Sampling Analytical Results for
Pesticides
Proposed Public School
168 8th Street and 197 9th Street, Brooklyn, New York

SAMPLE NAME LAB SAMPLE ID DILUTION FACTOR DATE SAMPLE COLLECTED		TRC-SB-2 (1-4ft) 12K0407-05 1 11/12/2012	TRC-SB3 (5-7ft) 12K0612-03 1 11/16/2012	TRC-SB7 (16-18ft) 12K0685-06 1 11/19/2012
PESTICIDES	Unrestricted Use SCO	Results (mg/kg)	Results (mg/kg)	Results (mg/kg)
Alachlor	NC	<0.024	<0.023	<0.022
Aldrin	0.005	<0.0060	<0.0057	<0.0055
alpha-BHC	0.02	<0.0060	<0.0057	<0.0055
beta-BHC	0.036	<0.0060	<0.0057	<0.0055
delta-BHC	0.04	<0.0060	<0.0057	<0.0055
gamma-BHC (Lindane)	0.1	<0.0024	<0.0023	<0.0022
Chlordane	0.094	<0.024	<0.023	<0.022
4,4'-DDD	0.0033	<0.0048	<0.0045	<0.0044
4,4'-DDE	0.0033	<0.0048	<0.0045	<0.0044
4,4'-DDT	0.0033	<0.0048	<0.0045	<0.0044
Dieldrin	0.005	<0.0048	<0.0045	<0.0044
Endosulfan I	2.4	<0.0060	<0.0057	<0.0055
Endosulfan II	2.4	<0.0096	<0.0091	<0.0089
Endosulfan Sulfate	2.4	<0.0096	<0.0091	<0.0089
Endrin	0.014	<0.0096	<0.0091	<0.0089
Endrin Aldehyde	NC	<0.0096	<0.0091	<0.0089
Endrin Ketone	NC	<0.0096	<0.0091	<0.0089
Heptachlor	0.042	<0.0060	<0.0057	<0.0055
Heptachlor Epoxide	NC	<0.0060	<0.0057	<0.0055
Hexachlorobenzene	0.33	<0.0072	<0.0068	<0.0066
Methoxychlor	NC	<0.060	<0.057	<0.055
Toxaphene	NC	<0.12	<0.11	<0.11

Notes:

mg/kg - milligrams per kilogram

< - Less than reporting limit

SCO - Soil Cleanup Objective

Light gray shade with black bolded text values exceed Unrestricted Use SCO

Table 8
Summary of Soil Sampling Analytical Results for
Total Petroleum Hydrocarbons - Gasoline and Diesel Range Organics
Proposed Public School
168 8th Street and 197 9th Street, Brooklyn, New York

SAMPLE NAME LAB SAMPLE ID DILUTION FACTOR DATE SAMPLE COLLECTED		TRC-SB-2 (1-4ft) 12K0407-05 1 11/12/2012	TRC-SB3 (5-7ft) 12K0612-03 1 11/16/2012	TRC-SB7 (16-18ft) 12K0685-06 1 11/19/2012
TOTAL PETROLEUM HYDROCARBONS (TPH)	Regulatory Level	Results (mg/kg)	Results (mg/kg)	Results (mg/kg)
Gasoline Range Organics (GRO)	NC	<1.5	<1.3	<0.88
Diesel Range Organics (DRO)	NC	<9.9	<9.4	<9.5

Notes:

mg/kg - milligrams per kilogram

< - Less than reporting limit

NC - No criterion

Table 9
Summary of Groundwater Sampling Analytical Results for
Volatile Organic Compounds
Proposed Public School
168 8th Street and 197 9th Street, Brooklyn, New York

SAMPLE NAME LAB SAMPLE ID DILUTION FACTOR DATE SAMPLE COLLECTED		TRC-GW-1 12K0407-03 1 11/12/2012	TRC-DUP-1 12K0407-04 1 11/12/2012	TRC-GW-2 12K0407-07 1 11/12/2012	TRC-GW-3 12K0612-04 1 11/16/2012	TRC-GW-4 12K0612-09 1 11/16/2012	TRC-GW-6 12K0685-04 1 11/19/2012
VOLATILE ORGANIC COMPOUNDS (VOCs)	Class GA Value (µg/L)	Result (µg/L)	Result (µg/L)	Result (µg/L)	Result (µg/L)	Result (µg/L)	Result (µg/L)
Acetone	50	<50	<50	<50	<50	<50	<50
Acrylonitrile	5	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
tert-Amyl Methyl Ether (TAME)	NC	<0.50	<0.50	<0.50	<0.50	<0.50	<0.5
Benzene	1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromobenzene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromochloromethane	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromodichloromethane	50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Bromoform	50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane	5	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
2-Butanone (MEK)	50	<20	<20	<20	<20	<20	<20
tert-Butyl Alcohol (TBA)	NC	<20	<20	<20	<20	<20	<20
n-Butylbenzene	5	<1.0	<5.0	<5.0	<2.0	<2.0	<2.0
sec-Butylbenzene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
tert-Butylbenzene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
tert-Butyl Ethyl Ether (TBEE)	NC	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Carbon Disulfide	60	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Carbon Tetrachloride	5	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chlorobenzene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorodibromomethane	NC	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Chloroethane	5	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Chloroform	7	<2.0	<2.0	2.1	<2.0	<2.0	<2.0
Chloromethane	5	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
2-Chlorotoluene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
4-Chlorotoluene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dibromo-3-chloropropane (DBCP)	0.04	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dibromoethane (EDB)	NC	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dibromomethane	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichlorobenzene	3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,3-Dichlorobenzene	3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene	3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
trans-1,4-Dichloro-2-butene	5	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Dichlorodifluoromethane (Freon 12)	5	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,1-Dichloroethane	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethane	0.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethylene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethylene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
trans-1,2-Dichloroethylene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane	1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,3-Dichloropropane	5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
2,2-Dichloropropane	5	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0
1,1-Dichloropropene	5	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
cis-1,3-Dichloropropene	0.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
trans-1,3-Dichloropropene	0.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Diethyl Ether	NC	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Diisopropyl Ether (DIPE)	NC	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,4-Dioxane	NC	<50	<50	<50	<50	<50	<50
Ethylbenzene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Hexachlorobutadiene	0.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
2-Hexanone (MBK)	50	<10	<10	<10	<10	<10	<10
Isopropylbenzene (Cumene)	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
p-Isopropyltoluene (p-Cymene)	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Methyl tert-Butyl Ether (MTBE)	10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride	5	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
4-Methyl-2-pentanone (MIBK)	NC	<10	<10	<10	<10	<10	<10
Naphthalene	10	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
n-Propylbenzene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Styrene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,1,2-Tetrachloroethane	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane	5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Tetrachloroethylene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrahydrofuran	50	<10	<10	<10	<10	<10	<10
Toluene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,3-Trichlorobenzene	5	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trichlorobenzene	5	<2.0	<2.0	<2.0	<1.0	<1.0	<1.0
1,3,5-Trichlorobenzene	5	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0
1,1,1-Trichloroethane	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethylene	5	9.3	9.2	<1.0	2.7	<1.0	<1.0
Trichlorofluoromethane (Freon 11)	5	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,2,3-Trichloropropane	0.04	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NC	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,4-Trimethylbenzene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,3,5-Trimethylbenzene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl Chloride	2	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
m+p Xylene	5	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
o-Xylene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Notes:

µg/L - micogram per liter

< - Less than reporting limit

NC - No criterion

Light gray shade with black bolded text values exceed Class GA Standards/Guidance Values.

TRC-DUP-1 (collected 11/12/12) is a duplicate of TRC-GW-1

TRC-DUP-1 (collected 1/9/13) is a duplicate of TRC-MW12

Table 9
Summary of Groundwater Sampling Analytical Results for
Volatile Organic Compounds
Proposed Public School
168 8th Street and 197 9th Street, Brooklyn, New York

SAMPLE NAME LAB SAMPLE ID DILUTION FACTOR DATE SAMPLE COLLECTED		TRC-GW-7 12K0685-07 1 11/19/2012	TRC-MW10 13A0188-06 1 1/8/2013	TRC-MW11 13A0226-09 1 1/9/2013	TRC-MW12 13A0226-04 1 1/9/2013	TRC-DUP1 13A0226-05 1 1/9/2013	TRC-MW13 13A0188-03 1 1/8/2013
VOLATILE ORGANIC COMPOUNDS (VOCs)	Class GA Value (µg/L)	Result (µg/L)	Result (µg/L)	Result (µg/L)	Result (µg/L)	Result (µg/L)	Result (µg/L)
Acetone	50	<50	<50	<50	<50	<50	<50
Acrylonitrile	5	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
tert-Amyl Methyl Ether (TAME)	NC	<0.5	<0.50	<0.50	<0.50	<0.50	<0.50
Benzene	1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromobenzene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromochloromethane	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromodichloromethane	50	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromoform	50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane	5	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
2-Butanone (MEK)	50	<20	<20	<20	<20	<20	<20
tert-Butyl Alcohol (TBA)	NC	<20	<20	<20	<20	<20	<20
n-Butylbenzene	5	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0
sec-Butylbenzene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
tert-Butylbenzene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
tert-Butyl Ethyl Ether (TBEE)	NC	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Carbon Disulfide	60	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Carbon Tetrachloride	5	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chlorobenzene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorodibromomethane	NC	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Chloroethane	5	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Chloroform	7	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Chloromethane	5	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
2-Chlorotoluene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
4-Chlorotoluene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dibromo-3-chloropropane (DBCP)	0.04	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dibromoethane (EDB)	NC	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dibromomethane	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichlorobenzene	3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,3-Dichlorobenzene	3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene	3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
trans-1,4-Dichloro-2-butene	5	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Dichlorodifluoromethane (Freon 12)	5	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,1-Dichloroethane	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethane	0.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethylene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethylene	5	<1.0	<1.0	<1.0	11	11	18
trans-1,2-Dichloroethylene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane	1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,3-Dichloropropane	5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
2,2-Dichloropropane	5	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloropropene	5	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
cis-1,3-Dichloropropene	0.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
trans-1,3-Dichloropropene	0.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Diethyl Ether	NC	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Diisopropyl Ether (DIPE)	NC	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,4-Dioxane	NC	<50	<50	<50	<50	<50	<50
Ethylbenzene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Hexachlorobutadiene	0.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
2-Hexanone (MBK)	50	<10	<10	<10	<10	<10	<10
Isopropylbenzene (Cumene)	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
p-Isopropyltoluene (p-Cymene)	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Methyl tert-Butyl Ether (MTBE)	10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride	5	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
4-Methyl-2-pentanone (MIBK)	NC	<10	<10	<10	<10	<10	<10
Naphthalene	10	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
n-Propylbenzene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Styrene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,1,2-Tetrachloroethane	5	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,1,2,2-Tetrachloroethane	5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Tetrachloroethylene	5	<1.0	<1.0	<1.0	3.9	3.9	1.2
Tetrahydrofuran	50	<10	<10	<10	<10	<10	<10
Toluene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,3-Trichlorobenzene	5	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trichlorobenzene	5	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3,5-Trichlorobenzene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,1-Trichloroethane	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethylene	5	<1.0	1.5	1.4	96	99	34
Trichlorofluoromethane (Freon 11)	5	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,2,3-Trichloropropane	0.04	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NC	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,4-Trimethylbenzene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,3,5-Trimethylbenzene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl Chloride	2	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
m+p Xylene	5	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
o-Xylene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Notes:
µg/L - micogram per liter
< - Less than reporting limit
NC - No criterion
Light gray shade with black bolded text values exceed Class GA Standards/Guidance Values.
TRC-DUP-1 (collected 11/12/12) is a duplicate of TRC-GW-1
TRC-DUP-1 (collected 1/9/13) is a duplicate of TRC-MW12

Table 9
Summary of Groundwater Sampling Analytical Results for
Volatile Organic Compounds
Proposed Public School
168 8th Street and 197 9th Street, Brooklyn, New York

SAMPLE NAME LAB SAMPLE ID DILUTION FACTOR DATE SAMPLE COLLECTED		Trip Blank 12K0407-10 1 11/12/2012	Trip Blank 2 12K0612-08 1 11/16/2012	Trip Blank 13A0188-07 1 1/8/2013	Trip Blank 13A0226-10 1 1/9/2013	Equipment Blank 13A0226-06 1 1/9/2013
VOLATILE ORGANIC COMPOUNDS (VOCs)	Class GA Value (µg/L)	Result (µg/L)	Result (µg/L)	Result (µg/L)	Result (µg/L)	Result (µg/L)
Acetone	50	<50	<50	<50	<50	<50
Acrylonitrile	5	<5.0	<5.0	<5.0	<5.0	<5.0
tert-Amyl Methyl Ether (TAME)	NC	<0.50	<0.50	<0.50	<0.50	<0.50
Benzene	1	<1.0	<1.0	<1.0	<1.0	<1.0
Bromobenzene	5	<1.0	<1.0	<1.0	<1.0	<1.0
Bromochloromethane	5	<1.0	<1.0	<1.0	<1.0	<1.0
Bromodichloromethane	50	<0.50	<0.50	<1.0	<1.0	<1.0
Bromoform	50	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane	5	<2.0	<2.0	<2.0	<2.0	<2.0
2-Butanone (MEK)	50	<20	<20	<20	<20	<20
tert-Butyl Alcohol (TBA)	NC	<20	<20	<20	<20	<20
n-Butylbenzene	5	<5.0	<2.0	<1.0	<1.0	<1.0
sec-Butylbenzene	5	<1.0	<1.0	<1.0	<1.0	<1.0
tert-Butylbenzene	5	<1.0	<1.0	<1.0	<1.0	<1.0
tert-Butyl Ethyl Ether (TBEE)	NC	<0.50	<0.50	<0.50	<0.50	<0.50
Carbon Disulfide	60	<2.0	<2.0	<2.0	<2.0	<2.0
Carbon Tetrachloride	5	<5.0	<5.0	<5.0	<5.0	<5.0
Chlorobenzene	5	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorodibromomethane	NC	<0.50	<0.50	<0.50	<0.50	<0.50
Chloroethane	5	<2.0	<2.0	<2.0	<2.0	<2.0
Chloroform	7	<2.0	<2.0	<2.0	<2.0	<2.0
Chloromethane	5	<2.0	<2.0	<2.0	<2.0	<2.0
2-Chlorotoluene	5	<1.0	<1.0	<1.0	<1.0	<1.0
4-Chlorotoluene	5	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dibromo-3-chloropropane (DBCP)	0.04	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dibromoethane (EDB)	NC	<0.50	<0.50	<0.50	<0.50	<0.50
Dibromomethane	5	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichlorobenzene	3	<1.0	<1.0	<1.0	<1.0	<1.0
1,3-Dichlorobenzene	3	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene	3	<1.0	<1.0	<1.0	<1.0	<1.0
trans-1,4-Dichloro-2-butene	5	<2.0	<2.0	<2.0	<2.0	<2.0
Dichlorodifluoromethane (Freon 12)	5	<2.0	<2.0	<2.0	<2.0	<2.0
1,1-Dichloroethane	5	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethane	0.6	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethylene	5	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethylene	5	<1.0	<1.0	<1.0	<1.0	<1.0
trans-1,2-Dichloroethylene	5	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane	1	<1.0	<1.0	<1.0	<1.0	<1.0
1,3-Dichloropropane	5	<0.50	<0.50	<0.50	<0.50	<0.50
2,2-Dichloropropane	5	<1.0	<2.0	<1.0	<1.0	<1.0
1,1-Dichloropropene	5	<2.0	<2.0	<2.0	<2.0	<2.0
cis-1,3-Dichloropropene	0.4	<0.50	<0.50	<0.50	<0.50	<0.50
trans-1,3-Dichloropropene	0.4	<0.50	<0.50	<0.50	<0.50	<0.50
Diethyl Ether	NC	<2.0	<2.0	<2.0	<2.0	<2.0
Diisopropyl Ether (DIPE)	NC	<0.50	<0.50	<0.50	<0.50	<0.50
1,4-Dioxane	NC	<50	<50	<50	<50	<50
Ethylbenzene	5	<1.0	<1.0	<1.0	<1.0	<1.0
Hexachlorobutadiene	0.5	<0.50	<0.50	<0.50	<0.50	<0.50
2-Hexanone (MBK)	50	<10	<10	<10	<10	<10
Isopropylbenzene (Cumene)	5	<1.0	<1.0	<1.0	<1.0	<1.0
p-Isopropyltoluene (p-Cymene)	5	<1.0	<1.0	<1.0	<1.0	<1.0
Methyl tert-Butyl Ether (MTBE)	10	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride	5	<5.0	<5.0	<5.0	<5.0	<5.0
4-Methyl-2-pentanone (MIBK)	NC	<10	<10	<10	<10	<10
Naphthalene	10	<2.0	<2.0	<2.0	<2.0	<2.0
n-Propylbenzene	5	<1.0	<1.0	<1.0	<1.0	<1.0
Styrene	5	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,1,2-Tetrachloroethane	5	<1.0	<1.0	<2.0	<2.0	<2.0
1,1,2,2-Tetrachloroethane	5	<0.50	<0.50	<0.50	<0.50	<0.50
Tetrachloroethylene	5	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrahydrofuran	50	<10	<10	<10	<10	<10
Toluene	5	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,3-Trichlorobenzene	5	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trichlorobenzene	5	<2.0	<1.0	<5.0	<5.0	<5.0
1,3,5-Trichlorobenzene	5	<5.0	<1.0	<1.0	<1.0	<1.0
1,1,1-Trichloroethane	5	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	1	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethylene	5	<1.0	<1.0	<1.0	<1.0	<1.0
Trichlorofluoromethane (Freon 11)	5	<2.0	<2.0	<2.0	<2.0	<2.0
1,2,3-Trichloropropane	0.04	<2.0	<2.0	<2.0	<2.0	<2.0
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NC	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,4-Trimethylbenzene	5	<1.0	<1.0	<1.0	<1.0	<1.0
1,3,5-Trimethylbenzene	5	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl Chloride	2	<2.0	<2.0	<2.0	<2.0	<2.0
m+p Xylene	5	<2.0	<2.0	<2.0	<2.0	<2.0
o-Xylene	5	<1.0	<1.0	<1.0	<1.0	<1.0

Notes:

µg/L - micogram per liter

< - Less than reporting limit

NC - No criterion

Light gray shade with black bolded text values exceed Class GA Standards/Guidance Values.

TRC-DUP-1 (collected 11/12/12) is a duplicate of TRC-GW-1

TRC-DUP-1 (collected 1/9/13) is a duplicate of TRC-MW12

Table 10
Summary of Groundwater Sampling Analytical Results for
Semivolatile Organic Compounds
Proposed Public School
168 8th Street and 197 9th Street, Brooklyn, New York

SAMPLE NAME LAB SAMPLE ID DILUTION FACTOR DATE SAMPLE COLLECTED		TRC-GW-1 12K0407-03 1 11/12/2012	TRC-DUP-1 12K0407-04 1 11/12/2012	TRC-GW-2 12K0407-07 1 11/12/2012	TRC-GW-3 12K0612-04 1 11/16/2012	TRC-GW-4 12K0612-09 1 11/16/2012	TRC-GW-6 12K0685-04 1 11/19/2012	TRC-GW-7 12K0685-07 1 11/19/2012
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs)	Class GA Values (µg/L)	Results (µg/L)	Results (µg/L)	Results (µg/L)	Results (µg/L)	Results (µg/L)	Results (µg/L)	Results (µg/L)
Acenaphthene	20	<5.0	<5.0	<5.0	<5.0	<5.9	<5.5	<5.3
Acenaphthylene	NC	<5.0	<5.0	<5.0	<5.0	<5.9	<5.5	<5.3
Acetophenone	NC	<10	<10	<10	<10	<12	<11	<11
Aniline	5	<5.0	<5.0	<5.0	<5.0	<5.9	<5.5	<5.3
Anthracene	50	<5.0	<5.0	<5.0	<5.0	<5.9	<5.5	<5.3
Benzidine	5	<10	<10	<10	<10	<12	<11	<11
Benzo(a)anthracene	0.002	<5.0	<5.0	<5.0	<5.0	<5.9	<5.5	<5.3
Benzo(a)pyrene	ND*	<5.0	<5.0	<5.0	<5.0	<5.9	<5.5	<5.3
Benzo(b)fluoranthene	0.002	<5.0	<5.0	<5.0	<5.0	<5.9	<5.5	<5.3
Benzo(g,h,i)perylene	NC	<5.0	<5.0	<5.0	<5.0	<5.9	<5.5	<5.3
Benzo(k)fluoranthene	0.002	<5.0	<5.0	<5.0	<5.0	<5.9	<5.5	<5.3
Benzoic Acid	NC	<10	<10	<10	<10	<12	<11	<11
Bis(2-chloroethoxy)methane	5	<10	<10	<10	<10	<12	<11	<11
Bis(2-chloroethyl)ether	1	<10	<10	<10	<10	<12	<11	<11
Bis(2-chloroisopropyl)ether	5	<10	<10	<10	<10	<12	<11	<11
Bis(2-Ethylhexyl)phthalate	5	<10	<10	<10	<10	<12	<11	<11
4-Bromophenylphenylether	NC	<10	<10	<10	<10	<12	<11	<11
Butylbenzylphthalate	NC	<10	<10	<10	<10	<12	<11	<11
Carbazole	NC	<10	<10	<10	<10	<12	<11	<11
4-Chloroaniline	5	<10	<10	<10	<10	<12	<11	<11
4-Chloro-3-methylphenol	NC	<10	<10	<10	<10	<12	<11	<11
2-Chloronaphthalene	10	<10	<10	<10	<10	<12	<11	<11
2-Chlorophenol	NC	<10	<10	<10	<10	<12	<11	<11
4-Chlorophenylphenylether	NC	<10	<10	<10	<10	<12	<11	<11
Chrysene	0.002	<5.0	<5.0	<5.0	<5.0	<5.9	<5.5	<5.3
Dibenz(a,h)anthracene	NC	<5.0	<5.0	<5.0	<5.0	<5.9	<5.5	<5.3
Dibenzofuran	NC	<5.0	<5.0	<5.0	<5.0	<5.9	<5.5	<5.3
Di-n-butylphthalate	50	<10	<10	<10	<10	<12	<11	<11
1,2-Dichlorobenzene	3	<5.0	<5.0	<5.0	<5.0	<5.9	<5.5	<5.3
1,3-Dichlorobenzene	3	<5.0	<5.0	<5.0	<5.0	<5.9	<5.5	<5.3
1,4-Dichlorobenzene	3	<5.0	<5.0	<5.0	<5.0	<5.9	<5.5	<5.3
3,3-Dichlorobenzidine	5	<10	<10	<10	<10	<12	<11	<11
2,4-Dichlorophenol	5	<10	<10	<10	<10	<12	<11	<11
Diethylphthalate	50	<10	<10	<10	<10	<12	<11	<11
2,4-Dimethylphenol	50	<10	<10	<10	<10	<12	<11	<11
Dimethylphthalate	50	<10	<10	<10	<10	<12	<11	<11
4,6-Dinitro-2-methylphenol	NC	<10	<10	<10	<10	<12	<11	<11
2,4-Dinitrophenol	10	<10	<10	<10	<10	<12	<11	<11
2,4-Dinitrotoluene	5	<10	<10	<10	<10	<12	<11	<11
2,6-Dinitrotoluene	5	<10	<10	<10	<10	<12	<11	<11
Di-n-octylphthalate	50	<10	<10	<10	<10	<12	<11	<11
1,2-Diphenylhydrazine (as Azobenzene)	5	<10	<10	<10	<10	<12	<11	<11
Fluoranthene	50	<5.0	<5.0	<5.0	<5.0	<5.9	<5.5	<5.3
Fluorene	50	<5.0	<5.0	<5.0	<5.0	<5.9	<5.5	<5.3
Hexachlorobenzene	0.04	<10	<10	<10	<10	<12	<11	<11
Hexachlorobutadiene	0.5	<10	<10	<10	<10	<12	<11	<11
Hexachlorocyclopentadiene	5	<10	<10	<10	<10	<12	<11	<11
Hexachloroethane	5	<10	<10	<10	<10	<12	<11	<11
Indeno(1,2,3-cd)pyrene	0.002	<5.0	<5.0	<5.0	<5.0	<5.9	<5.5	<5.3
Isophorone	50	<10	<10	<10	<10	<12	<11	<11
1-Methylnaphthalene	NC	<5.0	<5.0	<5.0	<5.0	<5.9	<5.5	<5.3
2-Methylnaphthalene	NC	<5.0	<5.0	<5.0	<5.0	<5.9	<5.5	<5.3
2-Methylphenol	NC	<10	<10	<10	<10	<12	<11	<11
3/4-Methylphenol	NC	<10	<10	<10	<10	<12	<11	<11
Naphthalene	10	<5.0	<5.0	<5.0	<5.0	<5.9	<5.5	<5.3
2-Nitroaniline	5	<10	<10	<10	<10	<12	<11	<11
3-Nitroaniline	5	<10	<10	<10	<10	<12	<11	<11
4-Nitroaniline	5	<10	<10	<10	<10	<12	<11	<11
Nitrobenzene	0.4	<10	<10	<10	<10	<12	<11	<11
2-Nitrophenol	NC	<10	<10	<10	<10	<12	<11	<11
4-Nitrophenol	NC	<10	<10	<10	<10	<12	<11	<11
N-Nitrosodimethylamine	NC	<5.0	<5.0	<5.0	<5.0	<5.9	<5.5	<5.3
N-Nitrosodiphenylamine	50	<10	<10	<10	<10	<12	<11	<11
N-Nitrosodi-n-propylamine	NC	<10	<10	<10	<10	<12	<11	<11
Pentachloronitrobenzene	NC	<10	<10	<10	<10	<12	<11	<11
Pentachlorophenol	1	<10	<10	<10	<10	<12	<11	<11
Phenanthrene	50	<5.0	<5.0	<5.0	<5.0	<5.9	<5.5	<5.3
Phenol	1	<10	<10	<10	<10	<12	<11	<11
Pyrene	50	<5.0	<5.0	<5.0	<5.0	<5.9	<5.5	<5.3
Pyridine	50	<5.0	<5.0	<5.0	<5.0	<5.9	<5.5	<5.3
1,2,4,5-Tetrachlorobenzene	5	<10	<10	<10	<10	<12	<11	<11
1,2,4-Trichlorobenzene	5	<5.0	<5.0	<5.0	<5.0	<5.9	<5.5	<5.3
2,4,5-Trichlorophenol	NC	<10	<10	<10	<10	<12	<11	<11
2,4,6-Trichlorophenol	NC	<10	<10	<10	<10	<12	<11	<11

Notes:

µg/L - micogram per liter

< - Less than reporting limit

NC - No criterion

Light gray shade with black bolded text values exceed Class
GA Standards/Guidance Values.

*Benzo(a)pyrene exceedance is any concentration above the detection limit

TRC-DUP-1 is a duplicate of TRC-GW-1

Table 11
Summary of Groundwater Sampling Analytical Results for
Target Analyte List Metals (Total and Dissolved)
Proposed Public School
168 8th Street and 197 9th Street, Brooklyn, New York

SAMPLE NAME LAB SAMPLE ID DILUTION FACTOR DATE SAMPLE COLLECTED		TRC-GW-1 (Total Metals) 12K0407-03 1 11/12/2012	TRC-GW-1 (Dissolved Metals) 12K0407-03 1 11/12/2012	TRC-DUP-1 (Total Metals) 12K0407-04 1 11/12/2012	TRC-GW-2 (Total Metals) 12K0407-07 1 11/12/2012	TRC-GW-2 (Dissolved Metals) 12K0407-07 1 11/12/2012	TRC-GW-3 (Total Metals) 12K0612-04 1 11/16/2012	TRC-GW-3 (Dissolved Metals) 12K0612-04 1 11/16/2012	TRC-GW-4 (Total Metals) 12K0612-09 1 11/16/2012	TRC-GW-4 (Dissolved Metals) 12K0612-09 1 11/16/2012
METALS	Class GA Value (µg/L)	Results (µg/L)	Results (µg/L)	Results (µg/L)	Results (µg/L)	Results (µg/L)	Results (µg/L)	Results (µg/L)	Results (µg/L)	Results (µg/L)
Aluminum	NC	390	<50	420	8,000	<50	75,000	<50	110,000	<50
Antimony	3	<5.0 D	<5.0 D	<5.0	<5.0 D	<5.0 D	<5.0 D	<5.0 D	<5.0 D	<5.0 D
Arsenic	25	<2.0 D	<2.0 D	<2.0	<2.0 D	<2.0 D	22 D	2.1 D	32 D	<2.0 D
Barium	1,000	69 D	59 D	67	280 D	180 D	890 D	<50 D	1200 D	53 D
Beryllium	3	<2.0 D	<2.0 D	<2.0	<2.0 D	<2.0 D	5.4 D	<2.0 D	10 D	<2.0 D
Cadmium	5	<2.5 D	<2.5 D	<2.5	<2.5 D	<2.5 D	<2.5 D	<2.5 D	3 D	<2.5 D
Calcium	NC	45,000	46,000	46,000	54,000	52,000	50,000	33,000	83,000	47,000
Chromium	50	34 D	23 D	33	34 D	<5.0 D	200 D	<5.0 D	390 D	<5.0 D
Cobalt	NC	<5.0 D	<5.0 D	<5.0	9.6 D	<5.0 D	90 D	<5.0 D	130 D	<5.0 D
Copper	200	<25 D	<25 D	<25	30 D	<25 D	210 D	<25 D	340 D	<25 D
Iron	300	730	<50	800	13,000	<50	120,000	240	190,000	<50
Lead	25	<5.0 D	<5.0 D	<5.0	14 D	<5.0 D	110 D	<5.0 D	190 D	<5.0 D
Manganese	300	250 D	190 D	250	1100 D	370 D	7300 D	230 D	12000 D	840 D
Magnesium	35,000	18,000	19,000	19,000	22,000	19,000	48,000	13,000	79,000	18,000
Mercury	0.7	<0.1	<0.1	<0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nickel	100	<25 D	<25 D	<25	43 D	<25 D	240 D	<25 D	350 D	<25 D
Potassium	NC	4,700	4,600	4,800	6,900	5,000	14,000	3,500	24,000	3,600
Selenium	10	<25 D	<25 D	<25	<25 D	<25 D	<25 D	<25 D	<25 D	<25 D
Silver	50	<2.5 D	<2.5 D	<2.5	<2.5 D	<2.5 D	<2.5 D	<2.5 D	<2.5 D	<2.5 D
Sodium	20,000	27,000	28,000	28,000	92,000	89,000	70,000	74,000	61,000	49,000
Thallium	0.5	<1.0 D	<1.0 D	<1.0	<1.0 D	<1.0 D	<1.0 D	<1.0 D	1.8 D	<1.0 D
Vanadium	NC	<25 D	<25 D	<25	<25 D	<25 D	170 D	<25 D	300 D	<25 D
Zinc	2,000	<50 D	<50 D	<50	<50 D	<50 D	520 D	<50 D	940 D	<50 D

Notes:

µg/L - micrograms per liter

< - Less than reporting limit

Light gray shade with black bolded text values exceed Class GA Standards/Guidance Values.

D - Compound was diluted

TRC-DUP-1 is a duplicate of TRC-GW-1

Table 11
Summary of Groundwater Sampling Analytical Results for
Target Analyte List Metals (Total and Dissolved)
Proposed Public School
168 8th Street and 197 9th Street, Brooklyn, New York

SAMPLE NAME LAB SAMPLE ID DILUTION FACTOR DATE SAMPLE COLLECTED		TRC-GW-6 (Total Metals) 12K0685-04 1 11/19/2012	TRC-GW6 (Dissolved Metals) 12K0685-04 1 11/19/2012	TRC-GW7 (Total Metals) 12K0685-07 1 11/19/2012	TRC-GW7 (Dissolved Metals) 12K0685-07 1 11/19/2012
METALS	Class GA Value (µg/L)	Results (mg/kg)	Results (mg/kg)	Results (mg/kg)	Results (mg/kg)
Aluminum	NC	34,000	<50	35000	<50
Antimony	3	<5.0 D	<5.0 D	<5.0 D	<5.0 D
Arsenic	25	3.4 D	<2.0 D	14 D	<2.0 D
Barium	1,000	230 D	52 D	590 D	54 D
Beryllium	3	<2.0 D	<2.0 D	2.7 D	<2.0 D
Cadmium	5	<2.5 D	<2.5 D	<2.5 D	<2.5 D
Calcium	NC	75000	68000	54000	43000
Chromium	50	150 D	<5.0 D	98 D	<5.0 D
Cobalt	NC	23 D	<5.0 D	48 D	<5.0 D
Copper	200	30 D	<25 D	87 D	<25 D
Iron	300	57000	<50	62000	120
Lead	25	17 D	<5.0 D	69 D	<5.0 D
Manganese	300	1300 D	170 D	3900 D	200 D
Magnesium	35,000	63000	38000	37000	21000
Mercury	0.7	<0.1	<0.1	<0.1	<0.1
Nickel	100	90 D	<25 D	110 D	<25 D
Potassium	NC	20000	6200	6900	2500
Selenium	10	<25 D	<25 D	<25 D	<25 D
Silver	50	<2.5 D	<2.5 D	<2.5 D	<2.5 D
Sodium	20,000	100000	100000	50000	50000
Thallium	0.5	<1.0 D	<1.0 D	<1.0 D	<1.0 D
Vanadium	NC	110 D	<25 D	91 D	<25 D
Zinc	2,000	150 D	<50 D	230 D	<50 D

Notes:

µg/L - micrograms per liter

< - Less than reporting limit

Light gray shade with black bolded text values ex

D - Compound was diluted

TRC-DUP-1 is a duplicate of TRC-GW-1

Table 12
Summary of Groundwater Sampling Analytical Results for NYCDEP Sewer Use Discharge Parameters
Proposed Public School
168 8th Street and 197 9th Street, Brooklyn, New York

SAMPLE NAME LAB SAMPLE ID DATE SAMPLE COLLECTED DILUTION FACTOR	NYCDEP Sewer Use Discharge Parameters		TRC-GW-7 12K0685-07 11/19/2012 1.0	
PARAMETERS		Units	Results	
Non-polar material*	50	mg/l	<5.6	
pH (range)	5-11	SU's	NA	
Benzene	134	ug/L	<1.0	
Ethylbenzene	380	ug/L	<2.0	
Toluene	74	ug/L	<1.0	
Xylene (Total)	74	ug/L	<2.0	
CBOD	--	mg/l	<4.0	
Cadmium**	2 / 0.69	mg/l	<0.0025	
Carbon Tetrachloride	--	ug/L	<2.0	
Chloride	--	mg/l	140 D	
Chloroform	--	ug/L	<2.0	
Copper	5	mg/l	0.087	
1,4 Dichlorobenzene	--	ug/L	<2.0	
Hexavalent Chromium	--	mg/l	<0.0040	
Lead	2	mg/l	0.069 D	
Mercury	0.05	mg/l	<0.00010	
Nickel	3	mg/l	0.11 D	
Zinc	5	mg/l	0.23 D	
Flash Point	>140	degrees F	> 212	
Temperature	<150	degrees F	NA	
TKN	--	mg/l	<1.0	
Total Nitrogen	--	mg/l	19	
Total Solids	--	mg/l	12,000	
Total Suspended Solids	350	mg/l	8,500	
Phenolics	--	mg/l	<0.050	
PCB's (Total)***	1	ug/L	<0.20	
1,2,4 Trichlorobenzene	--	ug/L	<1.0	
1,1,1-Trichloroethane	--	ug/L	<2.0	
Tetrachloroethene (PCE)	20	ug/L	<2.0	
MTBE (Methyl-Tert-Butyl-Ether)	50	ug/L	<2.0	
Nitrate+Nitrite	--	mg/l	19 D	
Naphthalene	47	ug/L	<2.0	

Notes:

< - Less than reporting limit

U - Compound detected below method detection limit

-- No Criteria

D - Compound was diluted

J - Estimated value

* According to the New York City Department of Environmental Protection Bureau of Wastewater Treatment's *Limitations for Effluent* To Sanitary Or Combined Sewers, analysis for non-polar materials is by method 1664 Rev. A by EPA.

** The NYCDEP Sewer Use Discharge Parameter for cadmium - instantaneous is 2 mg/l and the NYCDEP Sewer Use Discharge Parameter for cadmium - composite is 0.69 mg/l.

*** Analysis for PCB's was performed by USEPA method 608 with MDL = 65 ppt.

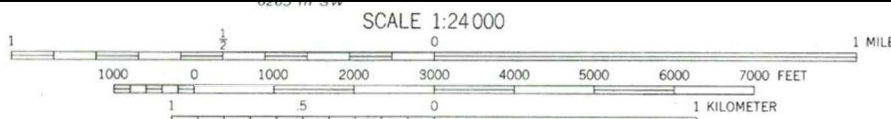
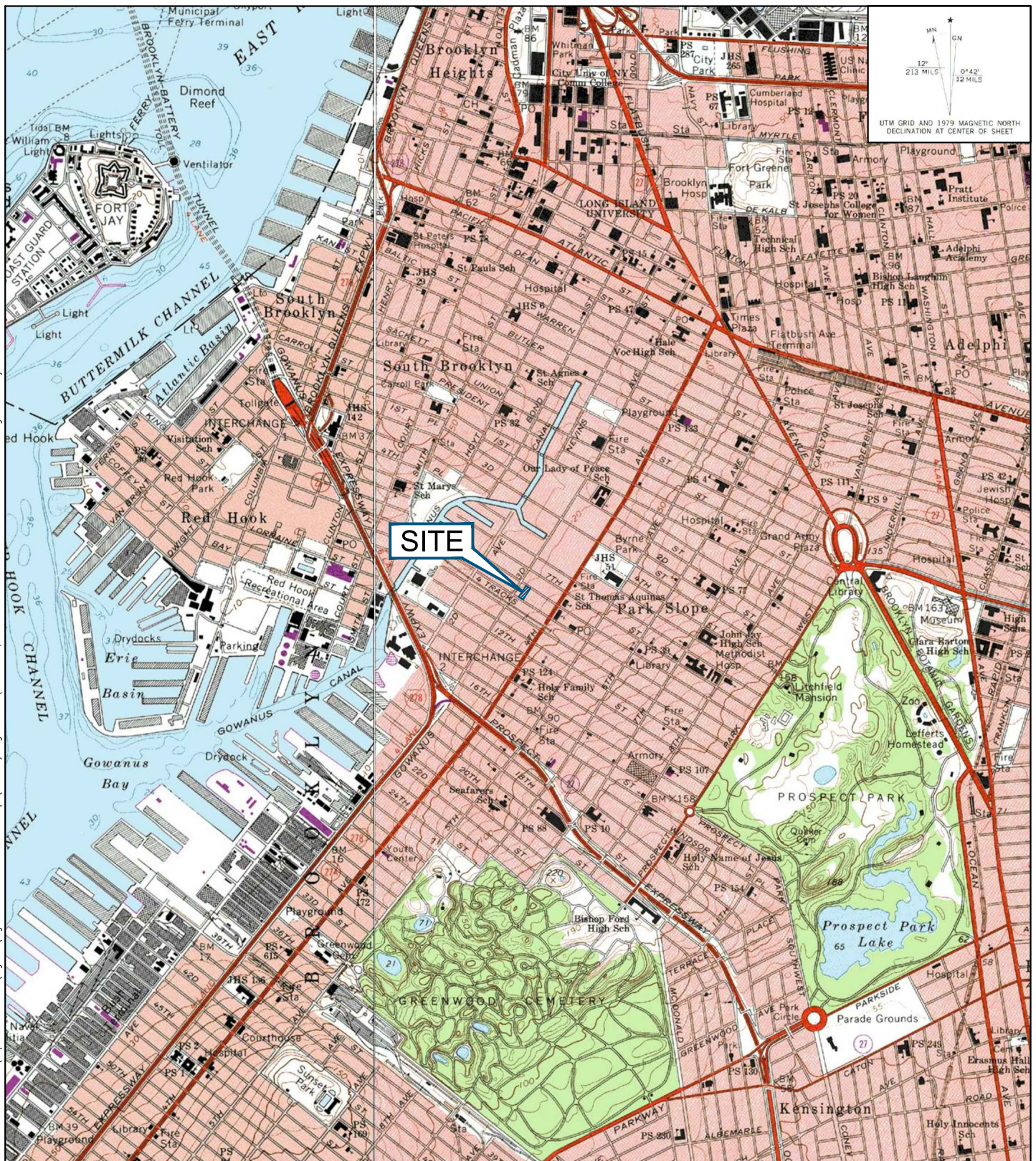
Light gray shade with black bolded text values exceed NYCDEP Sewer Use Discharge Parameters.

NA - Water quality instrument malfunction. A temperature reading was not collected.

FIGURES

Figure 1
Site Location Map

Path: \\Projects\NYCSCA Contract: C000012279\195072 - K047 Phase II\Report - Lot 11\Figures\Figure 1 - Site Location Map (LOT 11).dwg - User Name: hdelgado - Layout Tab: 8.5X11



CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929



BROOKLYN, N. Y.

N4037.5—W7352.5/7.5

1967
PHOTOREVISED 1979
AMS 6265 III NW—SERIES V821

MAP OBTAINED THROUGH USE OF MAPTECH TERRAIN
NAVIGATOR PRO SOFTWARE.



DESIGNED BY: HD
DRAWN BY: HD
CHECKED BY: CG
DATE: MARCH 2013
SCALE: AS SHOWN
PROJECT NUMBER: 195072.0000.0000

PROJECT NAME:
NEW YORK CITY SCHOOL CONSTRUCTION AUTHORITY
PHASE II ESI - PROPOSED PUBLIC SCHOOL - 168 8TH STREET & 197 9TH STREET
BLOCK: 1003, LOT: 11
BROOKLYN, NEW YORK 11215

DRAWING TITLE:

SITE LOCATION MAP

FIGURE
1

Figure 2
Sampling Locations

Path Name: I:\Projects\NYCSCA Contract 00001227\150572 - 1047 Phase II\Report - Lot 11\Figure\Figure 2 - Sample Location Plan (LOT 11).dwg - Date/Time: Wed, 06 Mar 2013 - 12:12pm - User Name: haldapolo - Layout Tab: 0.0011

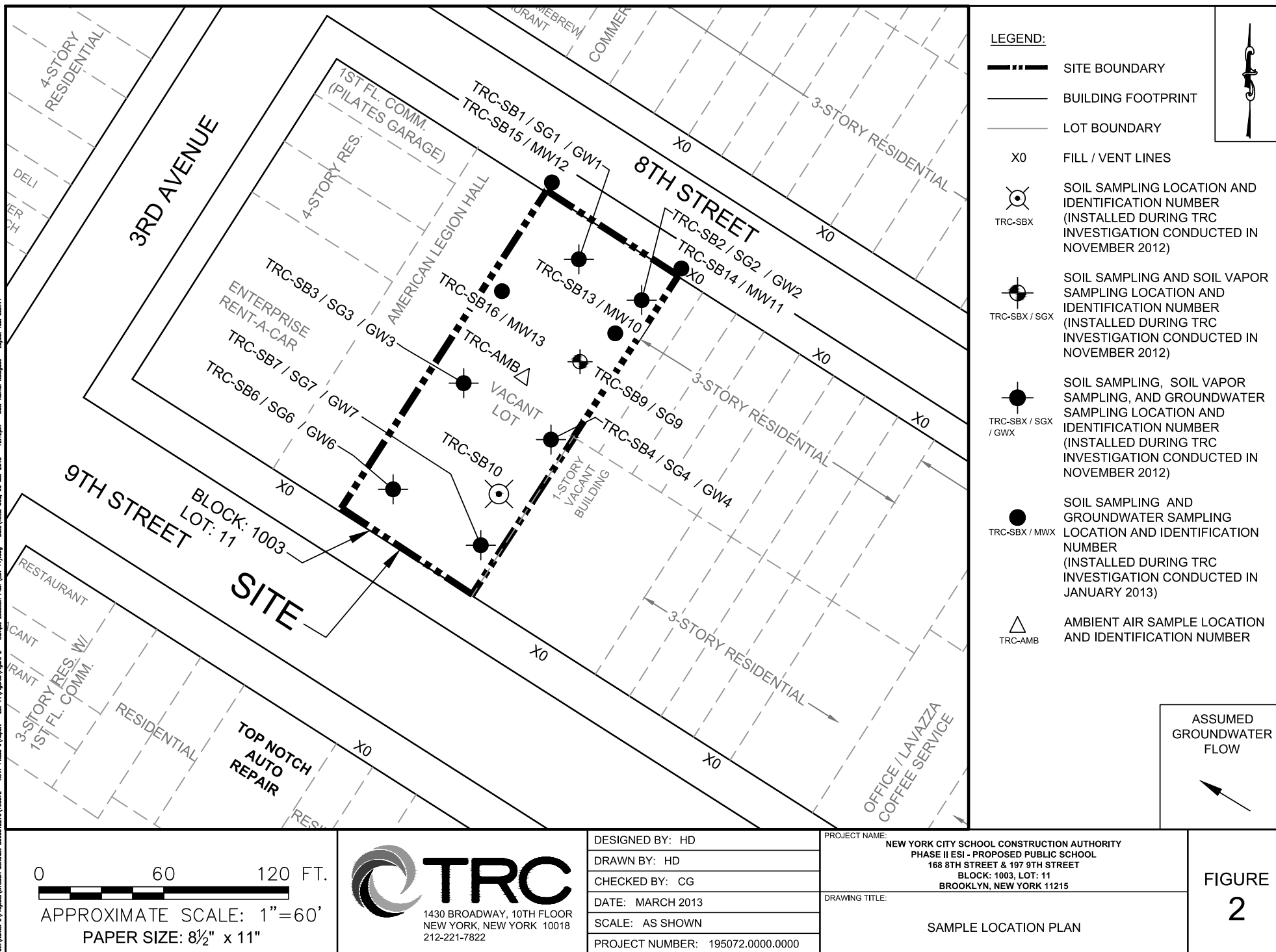
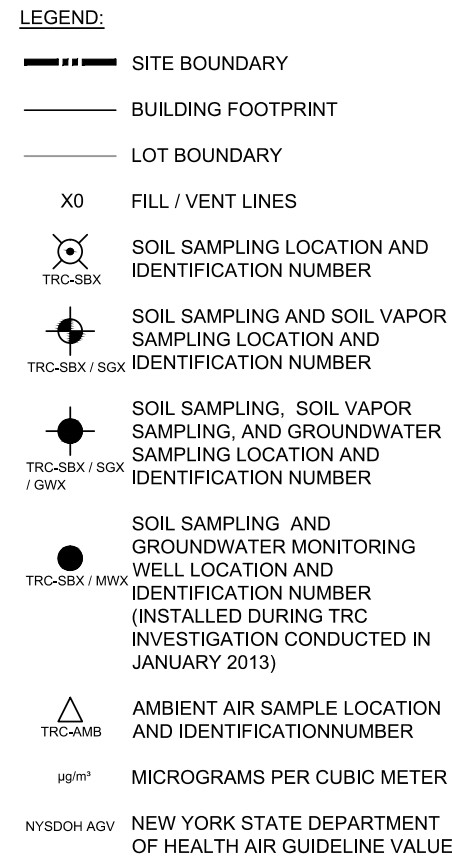


Figure 3
Soil Vapor Sampling Analytical Results

TRC-SG-7		
COMPOUND	CONCENTRATION (µg/m ³)	NYSDOH AGV
ETHYLBENZENE	26	---
NAPHTHALENE	11	---
TETRACHLOROETHENE (PCE)	25	100
TRICHLOROETHENE (TCE)	20	5
1,2,4-TRIMETHYLBENZENE	120	---
1,3,5-TRIMETHYLBENZENE	32	---
M&P-XYLENES	92	---
O-XYLENE	39	---

TRC-SG-4		
COMPOUND	CONCENTRATION (µg/m³)	NYSDOH AGV
TRICHLOROETHENE (TCE)	180	5
1,2,4-TRIMETHYLBENZENE	35	---
1,3,5-TRIMETHYLBENZENE	10	---
O-XYLENE	9	--



ASSUMED
GROUNDWATER
FLOW



Figure 4
Volatile Organic Compounds in Groundwater

TRC-MW13		
COMPOUND	CONCENTRATION (µg/L)	CLASS GA VALUE
CIS-1,2-DICHLOROETHENE	18	5
TRICHLOROETHENE (TCE)	34	5

TRC-MW12		
COMPOUND	CONCENTRATION (µg/L)	CLASS GA VALUE
CIS-1,2-DICHLOROETHENE	11	5
TRICHLOROETHENE (TCE)	96	5

TRC-DUP1		
COMPOUND	CONCENTRATION (µg/L)	CLASS GA VALUE
CIS-1,2-DICHLOROETHENE	11	5
TRICHLOROETHENE (TCE)	99	5

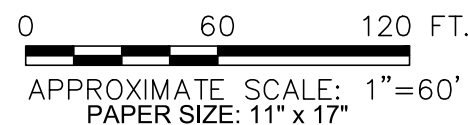
TRC-MW13		
COMPOUND	CONCENTRATION (µg/L)	CLASS GA VALUE
CIS-1,2-DICHLOROETHENE	18	5
TRICHLOROETHENE (TCE)	34	5

TRC-GW1	
COMPOUND	CONCENTRATION
TRICHLOROETHENE (TCE)	9.3

TRC-DUP-1	
COMPOUND	CONCENTRATION
TRICHLOROETHENE (TCE)	9.2

- ASSUMED
GROUNDWATER
FLOW
- 

REVISIONS			
	NO.	DESCRIPTION	BY DATE



DESIGNED BY: HD	PROJECT NAME: NEW YORK CITY SCHOOL CONSTRUCTION AUTHORITY PHASE II ESI - PROPOSED PUBLIC SCHOOL 168 8TH STREET & 197 9TH STREET BLOCK: 1003, LOT: 11 BROOKLYN, NEW YORK 11215
DRAWN BY: HD	
CHECKED BY: CG	
DATE: MARCH 2013	
SCALE: AS SHOWN	DRAWING TITLE: VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER
PROJECT NUMBER: 195072.0000.0000	

FIGURE
4

APPENDIX A
PHOTOGRAPHS

**Proposed Primary School
168 8th Street and 197-203 9th Street
Brooklyn, New York 11215**



Photograph 1. View of soil boring location TRC-SB-14.



Photograph 2. View of groundwater sample collection activities at TRC-SB-13.



Photograph 3. View of soil boring installation at TRC-SB-10.



Photograph 4. View of soil gas sample TRC-SG-4.

**Proposed Primary School
168 8th Street and 197-203 9th Street
Brooklyn, New York 11215**



Photograph 5. View of southeast portion of Lot 11.



Photograph 6. View of Geoprobe set up to begin drilling at TRC-SB-4.



Photograph 7. View of soil boring marked out at TRC-SB-1.



Photograph 8. View of geophysical survey equipment on Lot 59.

**Proposed Primary School
168 8th Street and 197-203 9th Street
Brooklyn, New York 11215**



Photograph 9. View of soil boring locations TRC-SB-14 and TRC-SB-15 marked out on the 8th Street sidewalk.



Photograph 10. View of soil boring TRC-SB-15.

APPENDIX B

GEOPHYSICAL SURVEY REPORT

NOVA GEOPHYSICAL SERVICES

SUBSURFACE MAPPING SOLUTIONS

56-01 Marathon Parkway, PO Box 765, Douglaston, New York 11362

Ph. 347-556-7787 Fax. 718-261-1527

www.nova-gsi.com

July 7, 2011

Mr. Charles Guder
Senior Project Manager
TRC Engineers, Inc.
1430 Broadway, 10th Floor
New York, NY 10018
212.221.7822 xt. 103 (office)
cguder@trcsolutions.com (email)

Re: Geophysical Survey Report
NYC SCA – PPS
Commercial / Industrial Property
197 - 203 9th Street
Brooklyn, New York 11215

Dear Mr. Guder:

Nova Geophysical Services (NOVA) is pleased to provide findings of our geophysical survey at the above referenced project site located at 197 – 203 9th Street, Brooklyn, New York (the “Site”). Please see attached Geophysical Survey map for more details.

INTRODUCTION TO GEOPHYSICAL SURVEY

NOVA performed a Geophysical survey consisting of Ground Penetrating Radar (GPR), Electromagnetic (EM) surveys and comprehensive subsurface utility (CSUL) surveys at the proposed Site. The purpose of this survey is to verify that proposed environmental soil boring locations are clear of subsurface structures and utilities and to identify any subsurface structures, utilities and anomalies, underground storage tanks (USTs) that maybe located at the project site on June 30th, 2011.

The equipment selected for this investigation was included a CSUL Pipe and Cable Locator (an magnetic detector), Ditch-Witch utility locator, Electromagnetic detector (Geonics EM61), MALAs 250 MHz ground-penetrating radar (GPR) unit.

A GPR system consists of a radar control unit, control cable and a transducer (antenna). The control unit transmits a trigger pulse at a normal repetition rate of 250 MHz. The trigger pulse is sent to the transmitter electronics in the transducer via the control cable. The transmitter electronics amplify the trigger pulses into bipolar pulses that are radiated to the surface.

GEOPHYSICAL SURVEY REPORT

TRC ENGINEERS, INC.

NYC SCA –PPS

Commercial / Industrial Property

197 – 203 9th Street

Brooklyn, New York 11215

The transformed pulses vary in shape and frequency according to the transducer used. In the subsurface, variations of the signal occur at boundaries where there is a dielectric contrast (void, steel, soil type, etc.). Signal reflections travel back to the control unit and are represented as color graphic images for interpolation.

GEOPHYSICAL METHODS

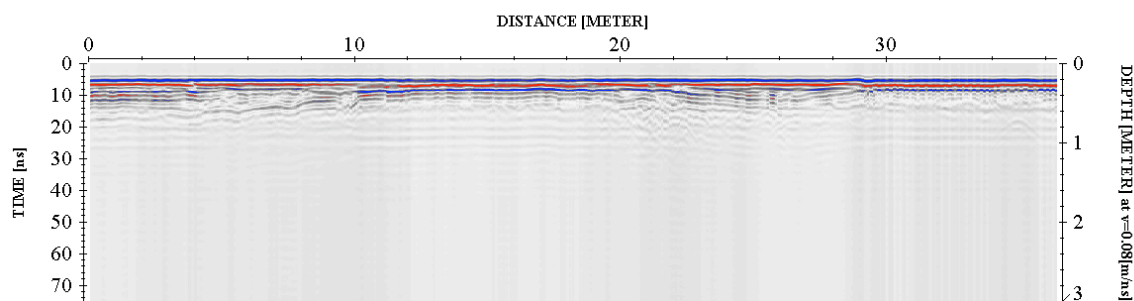
The proposed soil boring locations were first screened using the Geonics(tm) electromagnetic detector by carrying the instrument over the boring locations at the site in 5' x 5' traverses. When evidence of anomalies were observed, the Ditch-witch(tm) utility locator was then used to determine if the anomalies were utilities or other large sub-surface metal objects. Finally, GPR profiles were collected over each metal-detector anomaly and inspected for reflections, which could be indicative of USTs.

GPR data profiles were collected for the areas of the Site specified by the client. The surveyed area consisted of a concrete paved vacant lot and a commercial /industrial building with concrete slab.

DATA PROCESSING

In order to improve the quality of the results and to better identify subsurface anomalies NOVA processed the collected data. The processes flow is briefly described at this section.

Step 1. Import raw RAMAC data to standard processing format



GEOPHYSICAL SURVEY REPORT

TRC ENGINEERS, INC.

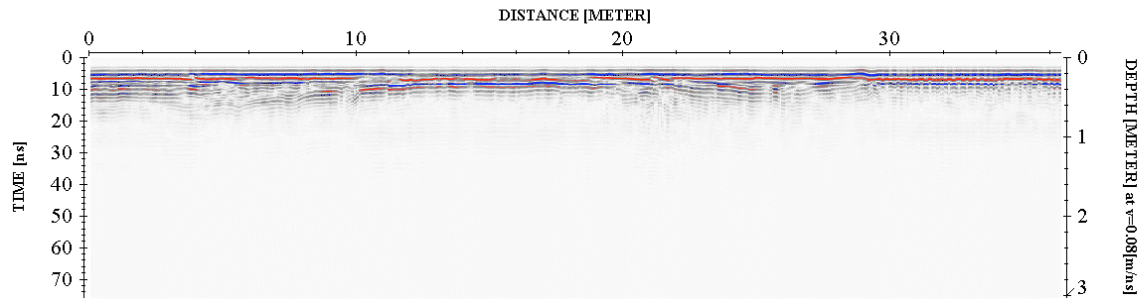
NYC SCA –PPS

Commercial / Industrial Property

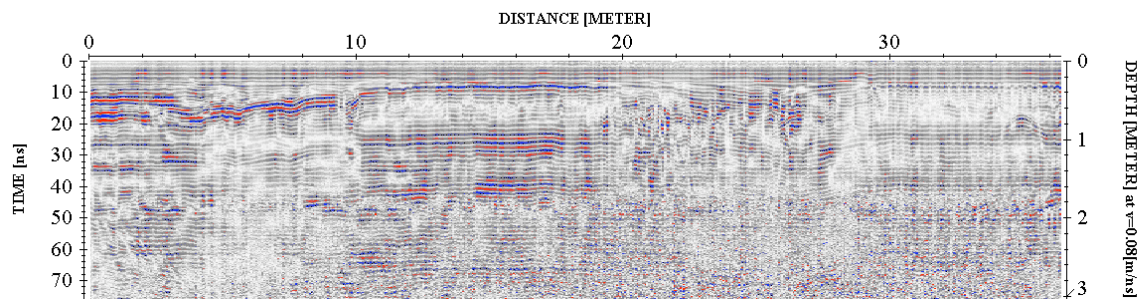
197 – 203 9th Street

Brooklyn, New York 11215

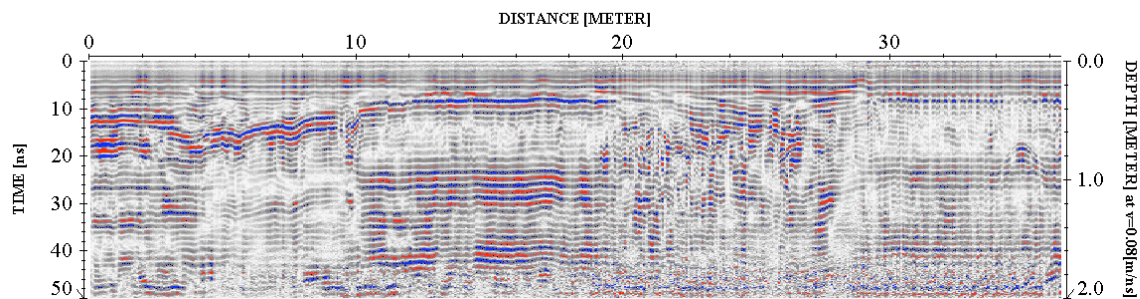
Step 2. Remove instrument noise (*dewow*)



Step 3. Correct for attenuation losses (*energy decay function*)



Step 4. Remove static from bottom of profile (*time cut*)

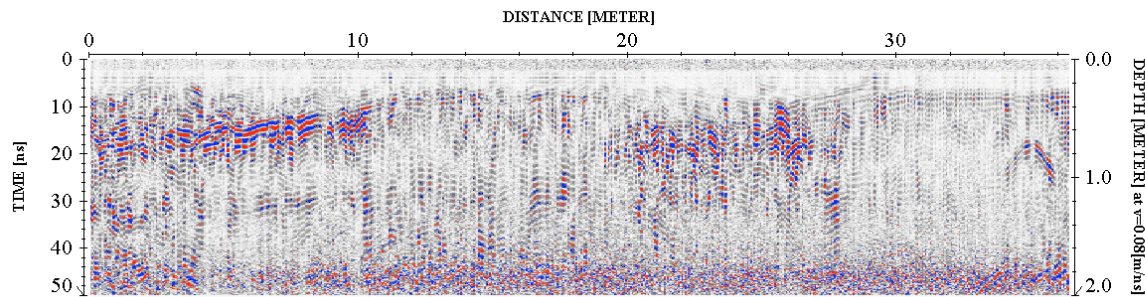


GEOPHYSICAL SURVEY REPORT

TRC ENGINEERS, INC.

NYC SCA –PPS
Commercial / Industrial Property
197 – 203 9th Street
Brooklyn, New York 11215

Step 5. Mute horizontal ringing/noise (*subtracting average*)



The above example shows the significance of data processing. The last image (step 5) has higher resolution than the starting image (raw data – step 1) and describes the subsurface anomalies more accurately.

PHYSICAL SETTINGS

Nova observed following physical conditions at the time of the survey:

The weather: Clear.

Temp: 80 Degrees

Surface: Concrete-paved areas (inside & outside).

Geophysical Noise Level (GNL): Geophysical Noise Level (GNL) was low due to reinforced concrete slab with rebar and chain-linked fence.

RESULTS

The results of the geophysical survey identified following anomalies located at the project Site:

- Geophysical survey identified two (2) vent pipes located within the site building. Further delineation of these pipes with the Ditch Witch comprehensive Utility and Pipe locator confirmed these two-pipes were heading towards to the middle of the site building with no associated major anomaly.
- Geophysical survey identified an area with the evidence of excavation (possible tank pull) along the center of the site building (above). In addition to the two (2) vent pipes, Geophysical survey also identified another subsurface steel pipe within the vicinity of this area. Further delineation of this pipe did not reveal any association to any major anomaly.

GEOPHYSICAL SURVEY REPORT

TRC ENGINEERS, INC.

NYC SCA –PPS

Commercial / Industrial Property

197 – 203 9th Street

Brooklyn, New York 11215

- Geophysical survey identified that the entire floor drains & roof drains located within the site building is interconnected with their final destination to the municipal sewer system along the 9th Street.
- Geophysical survey identified numerous former subsurface utility lines located throughout the vacant lot portion of the site. Geophysical survey confirmed that none of these lines were live or active at the time of the survey.
- Geophysical survey identified numerous scattered and minor anomalies located throughout of the project site.
- Nova cleared and marked all of the proposed environmental boring locations at the project site.
- Geophysical Survey Plan portrays the areas investigated during the geophysical survey.

If you have any questions please do not hesitate to contact the undersigned.

Sincerely,

NOVA Geophysical Services



Levent Eskicakit, P.G., E.P.

Project Engineer

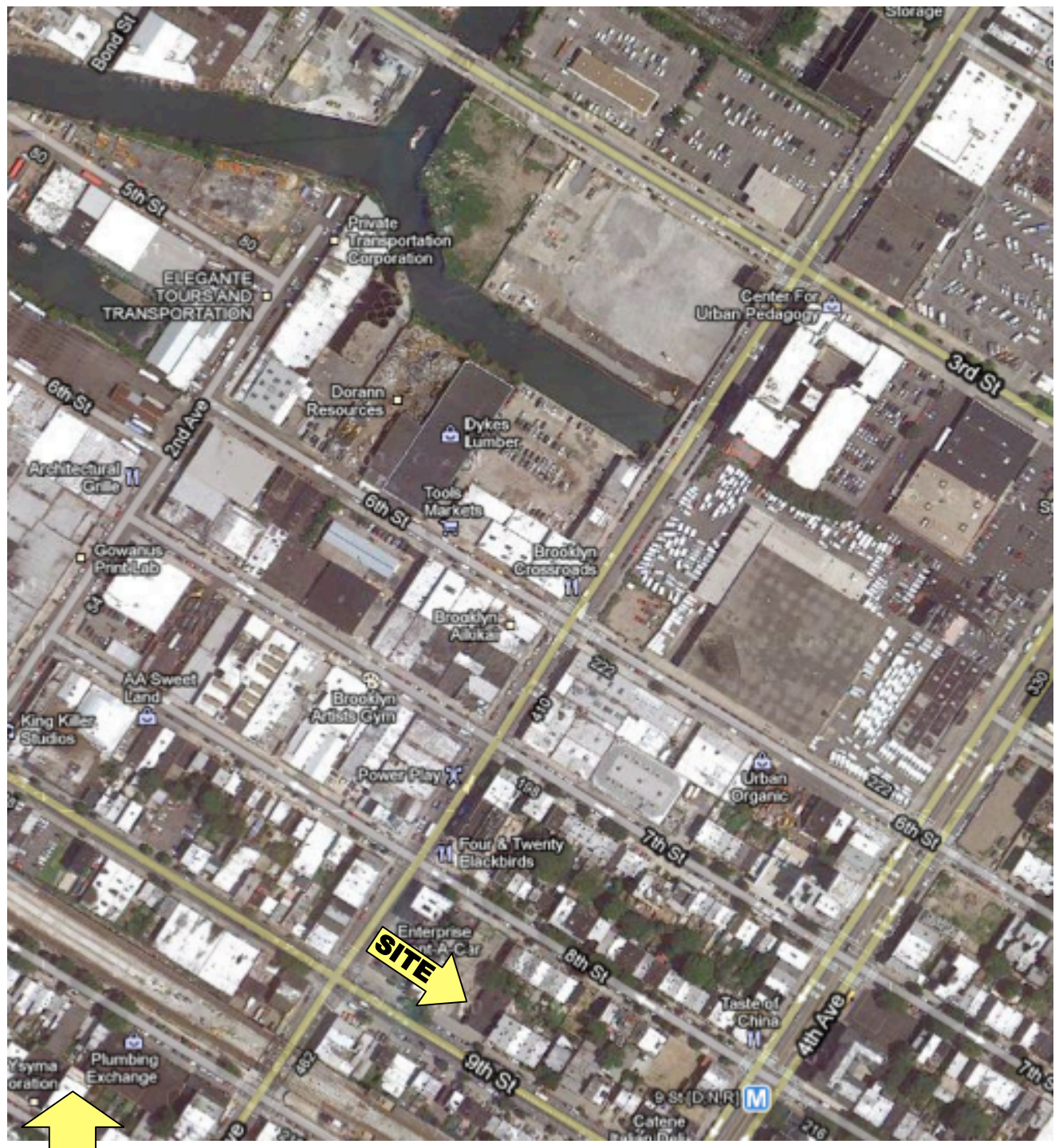
cc Lindsay Metcalf, TRC

Attachments:

Figure 1 Site Location Map

Geophysical Images

Geophysical Survey Plan



NOVA

Geophysical Services

Subsurface Mapping Solutions

56-01 Marathon Parkway, P.O. Box 765

Douglaston, NY 11362

(718) 261-1527 Fax (718) 261-1528

www.nova-gsi.com

FIGURE 1

SITE LOCATION MAP

Yahoo Maps Brooklyn-New York

SITE: **Commercial Property**
NYC SCA - PPS
 197-203 9th Street
 Brooklyn, New York 11215

SCALE: See Map

GEOPHYSICAL IMAGES

Commercial Property

197- 203 9th Street, Brooklyn, New York

June 30th, 2011

GPR Images collected from MALA's GPR



GEOPHYSICAL IMAGES

Commercial Property

197- 203 9th Street, Brooklyn, New York

June 30th, 2011

GPR Images collected from MALA's GPR



GEOPHYSICAL IMAGES

Commercial Property

197- 203 9th Street, Brooklyn, New York

June 30th, 2011

GPR Images collected from MALA's GPR



Proposed Boring Location



Proposed Soil Boring Location

GEOPHYSICAL IMAGES

Commercial Property

197- 203 9th Street, Brooklyn, New York

June 30th, 2011

GPR Images collected from MALA's GPR



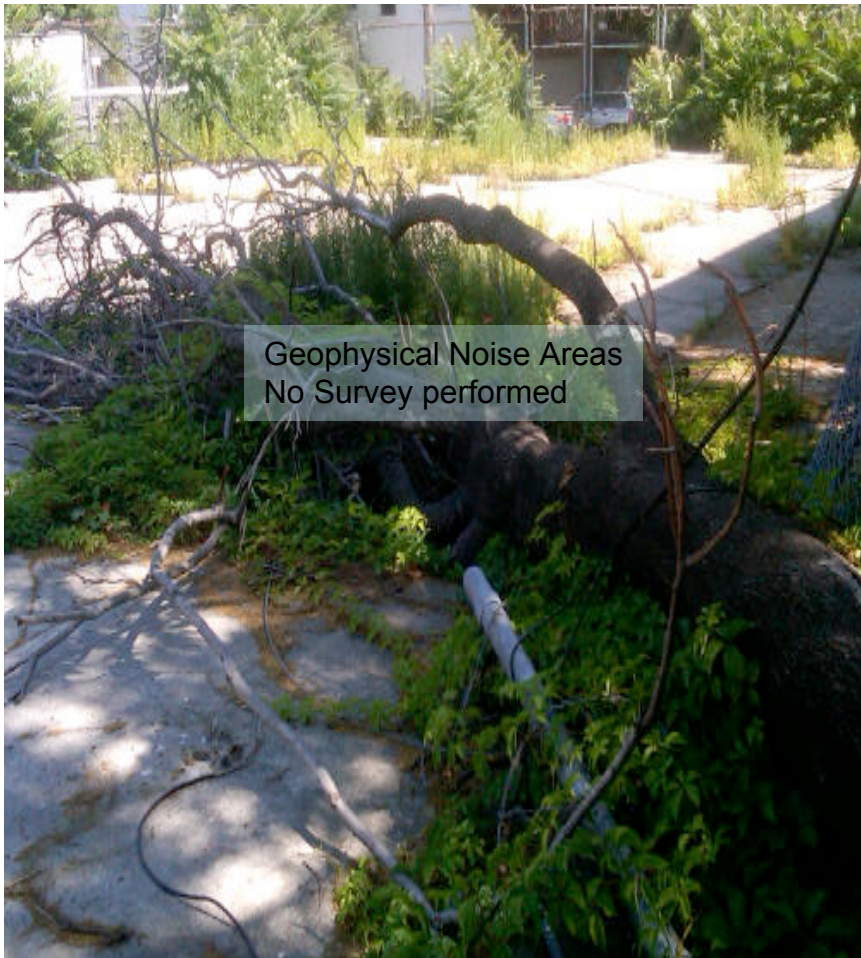
GEOPHYSICAL IMAGES

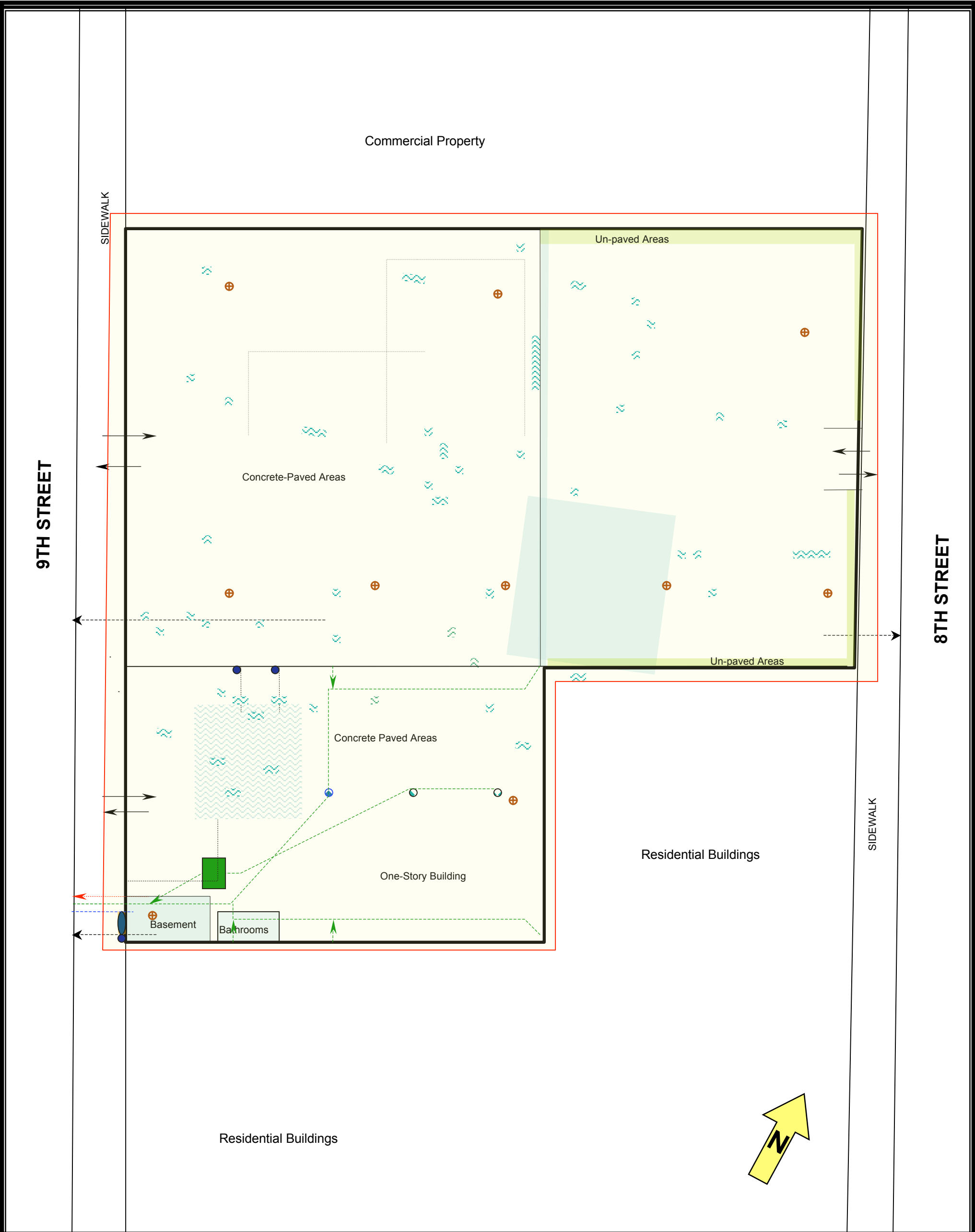
Commercial Property

197- 203 9th Street, Brooklyn, New York

June 30th, 2011

GPR Images collected from MALA's GPR





NOVA
Geophysical Services
Subsurface Mapping Solutions
56-01 Marathon Parkway, PO Box 765
Douglaston, New York 11362
Phone (347) 556-7787 * Fax (718) 261-1527
www.nova-gsi.com

**GEOPHYSICAL SURVEY
PLAN**

SITE : COMMERCIAL PROEPRTY
197 - 203 9th Street
Brooklyn, New York 11215
CLIENT: TRC Engineering, Inc.
SCALE :See Map
DATE : 06/30/2011

INFORMATION

- GPR/EM Surveyed Areas
- Soil Boring/ Floor Drain/ Vent Pipe
- Scattered Anomaly (Backfill)
- Floor Pit /Sewer Cleanout
- Underground Piping- Utilities
W - Water
S - Sewer
G - Gas
- Minor Anomaly
- Geophysical Noise Areas (Debris)
- AST (Basement - Under Sidewalk)

APPENDIX C

ASBESTOS INSPECTION REPORTS



Taylor Environmental Group

130A Jericho Turnpike, Floral Park, New York 11001
T 516 358 2955 F 516 358 1780 www.taylorenvironmental.com

January 9, 2013

Mr. Alex Kholodenko
New York City School Construction Authority
Industrial and Environmental Hygiene
30-30 Thomson Avenue
Long Island City, NY 11101

RE: Limited Asbestos Inspection (Pre-Probe Survey Report)
Proposed Public School 47K
170 8th Street, Brooklyn, NY
Project #: K047-28932, LLW #: 052739
(Exterior Boring Probe Request)

Dear Mr. Kholodenko,

On January 8, 2013, TEG NYC DEP Investigator / NYS DOL Inspector William Romeyko (NYC DEP #127314 / NYS DOL AH# 08-04869) conducted a site visit at Proposed Public School 47K.

The purpose of the visit was to evaluate and sample any suspect ACM materials that could be impacted by the proposed exterior space probe locations as defined in the probe request description report dated December, 2012.

The results are as follows:

Location	Probe #	Material Description	# of Samples Collected	Result	Notes
Exterior Vacant Lot	SB-13 & SB-16	Concrete Pavement	0	Non-ACM	TEG Prior Pre-Probe Report (7/6/11)
Exterior Sidewalk @ 8 th Street	SB-14 & SB-15	Poured Concrete Sidewalk	0	Non-ACM	Non-Suspect

* - Result Reported Confirmed by Transmission Electron Microscopy

ACM - Asbestos Containing Material. Material Contains >1.0% Asbestos.

In summary, the proposed exterior probe borings can be executed without requiring asbestos abatement procedures.

If you have any questions, or require further information, please do not hesitate to call. I hope we have satisfactorily assisted you in your environmental health concerns.

Sincerely,



George Taylor
NYC DEP Investigator (NYC DEP #119463)
Project Manager
Taylor Environmental Group, Inc.

APPENDIX A

NYC SCA Proceed Order

NEW YORK CITY SCHOOL
CONSTRUCTION AUTHORITY

Jun 27, 2011

Survey Proceed Order

Date: June 27, 2011

Taylor Environmental Group
130 Jericho Turnpike
Floral Park, NY 11001

Program: A&E S&D FY08 Contract #: C000012095 Job #: 28932

BOE Work Order #(s): N/A

LLW#(s): 052739

This document shall serve as notice that Taylor Environmental Group is directed to proceed immediately to:

Facility: K047
School: PS 47
Address: 170 8TH ST
District: 22
Borough of: Brooklyn

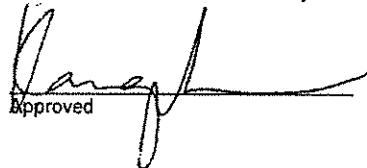
(@ 3rd Ave)

and perform all necessary environmental health and safety work in accordance with SCA specifications and as directed by the Industrial and Environmental Hygiene Division. See the attachment to this document for detailed instructions.

Payment requests for work performed shall be prepared and submitted in accordance with the requirements specified within contract documents for contract C000012095 by and between New York City School Construction Authority and Taylor Environmental Group. Payments will be approved only after receipt of a completed Request for Payment form and all appropriate documentation.

NOTE: NO WORK SHALL BE PERFORMED WHILE SCHOOL IS OCCUPIED.

All work designated for student areas shall be performed during non-school hours (on school days) or on Saturdays, Sundays or school holidays. No work shall commence without prior notification to the SCA representative and the school custodian.

Approved 

Date 6/27/11

Copy To: Active Job Folder

Custodian:

Custodian Phone:

SCA Inspector: Alex Kholodenko

Phone: (718)752-5029

Industrial and Environmental
Hygiene Division

New York City
School Construction Authority
Industrial and Environmental Hygiene

Survey Job Scope

Page 1 of 1

Facility: K047

School: PS 47

Contract No: C000012095

Job #: 28932

District: 22

Consultant: Taylor Environmental Group

Consultant/Contractor shall furnish the services described in the areas identified below in accordance with the terms of the contract, and will follow current legal requirements.

Floor	Room	Quantity	Unit Price	Item Price
*	*	1		
Description: Survey and Design				

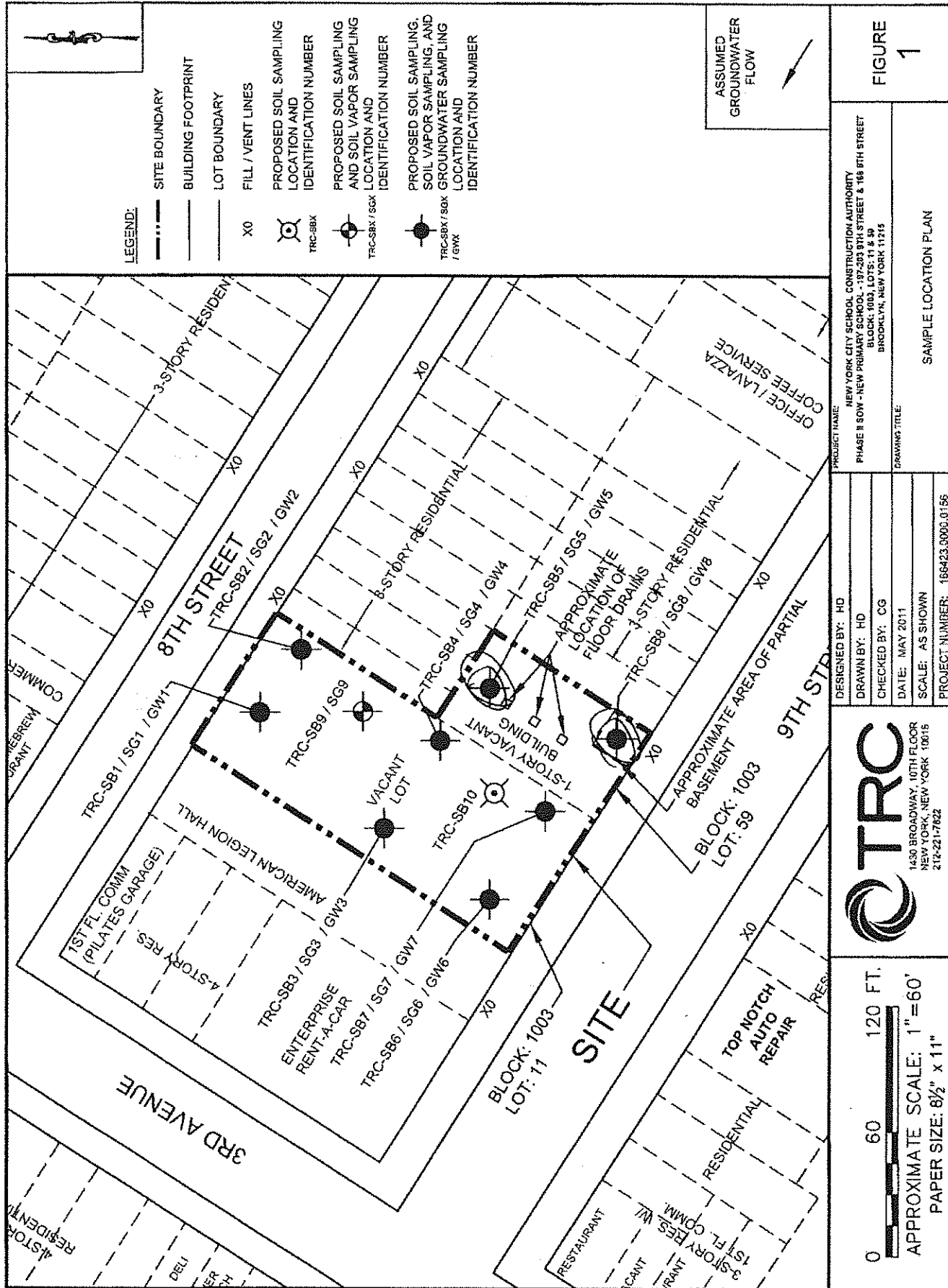
Total Price: \$0.00

School	School Name:	PS 47	PS047K K047	Job Number:	28932	Memo	Hold
Clear	Building ID:	K047	Design #:	D012540	LLW #:	052739	Assign LLW
	Address:	170 8TH ST		Received Date:	07/02/2008		
	Borough:	Brooklyn		BOE Letter Date:	00/00/0000		
	School Dist:	22	Geo Dist:	15	Building Violation #:		
	Orig. Job Budget:	\$20,000.00		P.O. 18 #(s):	Assign P.O. 18		
	Current Job Budget:	\$20,000.00		Inspector:	Alex Kholodenko	Program:	A&E S&D FY08
	Current Phase/Status:	Survey			Kwame Fosu		
	Contract Category:	ASB		Priority:	Normal		
	Job Description:	Test fit/sketch study 164-168 8th Avenue					

SURVEY				DESIGN			
Review	Survey Type:	Survey		Design P.O.	Assigned To:		
Survey P.O.	Assigned To:	C000012094		Design Scope	Contract #:		
Survey Scope	Contract #:	C000012094			Assigned Date:	00/00/0000	
	Assigned Date / Target Date:	06/15/2011 / 00/00/0000			Sched. Completion Date:	00/00/0000	
	Findings Received Date:	00/00/0000	Finding:		Design Received Date:	00/00/0000	
	Orig. Survey Budget:	\$20,000.00			Orig. Design Budget:		
	Current Survey Cost:	\$20,000.00			Current Design Cost:		
	Approved To Date:				Approved To Date:		
	Survey Status:				Design Status:		

ABATEMENT				MONITOR			
Abate P.O.	Assigned To:			Monitor P.O.	Assigned To:		
Abate Scope	Contract #:			Monitor Scope	Contract #:		
Notify	Assigned Date:	00/00/0000	Schedule Changed		Assigned Date:	00/00/0000	Done
	Sched./Actual Start Date:	00/00/0000	/	00/00/0000		Monitor Start Date:	00/00/0000
	Sched./Actual Compl Date:	00/00/0000	/	00/00/0000		Monitor Compl Date:	00/00/0000
	Orig. Abatement Budget:				Project Compl. Date:	00/00/0000	
	Current Abatement Cost:				Orig. Monitor Budget:		
	Approved To Date:				Current Monitor Cost:		
	Abatement Status:				Approved To Date:		
	Done Letter Sent To BOE/To Proj. Contr.	00/00/0000	00/00/0000		Monitor Status:		

WASTE DISPOSAL				MEMO	
Providers	Hauler:			(07/02/2008) (07/02/2008) Survey request received from K. Fosu and provided to A. Kholodenko. — Jacqueline, McKay (07/03/2008) Forwarded survey request to TEG. — Aleksandr, Kholodenko (07/03/2008) Scope Survey Due 8/14/08 from Taylor — Eon Lewis (07/14/2008) From: KKHOLODENKO, ALEKSANDR Sent: Monday, July 14, 2008 1:31 PM To: LENT, ANDREW Cc: KANAPARTHI, SRINIVAS; FOSU, KWAME Subject: RE: PS 47K ACM Scope Survey Site Access	
	Pick-up Date:	00/00/0000			
	Drop-off Date:	00/00/0000			
	Dump Site:				
	Waste Manifest #:				
	DEP Notification Date:	00/00/0000			
	EPA Notification Date:	00/00/0000			
	NYS Notification Date:	00/00/0000			



APPENDIX B

Project Correspondence

Subject: RE: Proposed 47K site visit
From: "KHOLODENKO, ALEKSANDR"
<AKHOLODENKO@nycsca.org>
Date: Tue, 8 Jan 2013 13:55:20 -0500
To: "'billy@taylorenvironmental.com'"
<billy@taylorenvironmental.com>, 'George Taylor'
<George@taylorenvironmental.com>

Billy, Thanks!

George: Can we have more "official" version of pre-probe letter for HAZMAT?

Gents, Thank you.

Alex Kholodenko

-----Original Message-----

From: Billy Romeyko [<mailto:billy@taylorenvironmental.com>]
Sent: Tuesday, January 08, 2013 1:45 PM
To: KHOLODENKO, ALEKSANDR
Cc: george taylor
Subject: Proposed 47K site visit

Alex...I visited the Proposed 47K site this morning. Met w/ TRC contractor and reviewed scope of work. TRC supplied a drawing showing the location of four additional exterior bores.

Bore locations were marked out. Two of the bores, SB-13 and SB-16, are located at the vacant lot area . Both locations are at poured concrete pavement which was previously

tested(July 6, 2011.... TEG Survey K047-28932 llw# 052739) and are Non-ACM. The other two bores, SB-14 and SB-15 are at the 8th street sidewalk area. Both locations are at

Non-Suspect poured concrete sidewalk pavement. I informed TRC contractor that all boring may proceed .

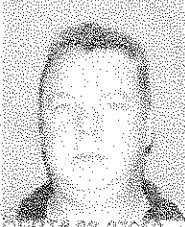
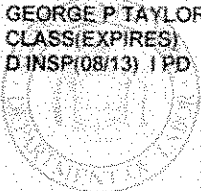
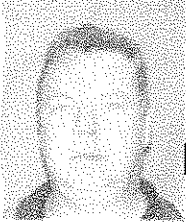
If You have any questions...feel free to contact me at anytime...

William Romeyko
TEG
516-358-2955
516-987-5537...cell

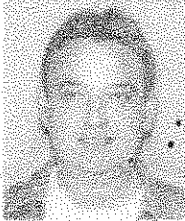
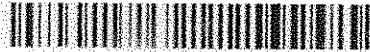
APPENDIX C

Personnel Licenses and Laboratory Certifications

George Taylor
New York State Department of Labor
AH# 88-07652
Expiration Date: 08/13
NYC Department of Environmental Protection
#119463
Expiration Date: 08/14

STATE OF NEW YORK - DEPARTMENT OF LABOR ASBESTOS CERTIFICATE  GEORGE P. TAYLOR CLASS(EXPIRES) D INSP(08/13) I PD (08/13)  IDENTIFICATION [Redacted] MUST BE CARRIED ON ASBESTOS PROJECTS	 EYES GRN HAIR BRO HGT 5' 04" IF FOUND RETURN TO: NYSDEL - L&C UNIT ROOM 161A BUILDING 12 STATE OFFICE CAMPUS ALBANY NY 12240
NYC DEP Asbestos Control Program Asbestos Certificate  TAYLOR, GEORGE P INVESTIGATOR 119463 EXPIRES: 8/26/2014 [Redacted] M 5' 04" Must be carried on all asbestos projects	 [Redacted] This certificate must be shown to a NYCDEP representative upon request. Report loss immediately to NYCDEP Asbestos Control Program, 8th floor 59-17 Junction Blvd., Flushing, NY 11373

William Romeyko
NYC Department of Environmental Protection
#127314
Expiration Date 4/28/15

NYC DEP Asbestos Control Program Asbestos Certificate	
	ROMEYKO, WILLIAM M INVESTIGATOR 127314 EXPIRES: 4/28/2015 DOB: 4/28/1964 M 6' 00"
Must be carried on all asbestos projects	
	
DMV ID: 357 302 057	
This certificate must be shown to a NYCDEP representative upon request. Report loss immediately to NYCDEP Asbestos Control Program, 8th floor 59-17 Junction Blvd., Flushing, NY 11373	

NEW YORK STATE - DEPARTMENT OF LABOR
DIVISION OF SAFETY AND HEALTH
LICENSE AND CERTIFICATE UNIT
STATE CAMPUS BUILDING 12
ALBANY, NY 12240

ASBESTOS HANDLING LICENSE

Taylor Environmental Group, Inc.
130A Jericho Turnpike
Floral Park, NY 11001

FILE NUMBER: 99-0633
LICENSE NUMBER: 28622
LICENSE CLASS: RESTRICTED
DATE OF ISSUE: 05/18/2012
EXPIRATION DATE: 06/30/2013

Duly Authorized Representative: Susan Haiken

This license has been issued in accordance with applicable provisions of Article 30 of the Labor Law of New York State and of the New York State Codes, Rules and Regulations (12 NYCRR Part 56). It is subject to suspension or revocation for a (1) serious violation of state, federal or local laws with regard to the conduct of an asbestos project, or (2) demonstrated lack of responsibility in the conduct of any job involving asbestos or asbestos material.

This license is valid only for the contractor named above and this license or a photocopy must be prominently displayed at the asbestos project work site. This license verifies that all persons employed by the licensee on an asbestos project in New York State have been issued an Asbestos Certificate, appropriate for the type of work they perform, by the New York State Department of Labor.

Maureen A. Cox

Maureen A. Cox, Director
FOR THE COMMISSIONER OF LABOR



Taylor Environmental Group

130A Jericho Turnpike, Floral Park, New York 11001
T 516 358 2955 F 516 358 1780 www.taylorenvironmental.com

July 6, 2011

Mr. Alex Kholodenko
New York City School Construction Authority
Industrial and Environmental Hygiene
30-30 Thomson Avenue
Long Island City, NY 11101

RE: Limited Asbestos Inspection (Pre-Probe / Boring Survey)
Proposed Public School 47K
170 8th Street, Brooklyn, NY
Project #: K047-28932 LLW #: 052739

Dear Mr. Kholodenko,

On June 30, 2011, TEG NYS DOL Inspector William Romeyko (#AH08-04869) conducted a site visit at Proposed Public School 47K.

The purpose of the visit was to evaluate and sample any suspect ACM materials that could be impacted by the proposed interior / exterior probes / borings defined in the probe request description report dated May, 2011.

The results / findings are as follows:

Location	Probe #	Material Description	# of Samples Collected	Result	Notes
Exterior Vacant Lot	SB-1, SB-2, SB-3, SB-4, SB-6, SB-7, SB-9 & SB-10	Asphalt Pavement on Top of Poured Concrete Pavement	3	Non-ACM	
		Poured Concrete Pavement	3	Non-ACM	No suspect waterproofing membrane observed below poured concrete pavement.
		Cementitious Skim Coat on Top of Poured Concrete Pavement	3	Non-ACM	
		Asphaltic / Tar Debris on Poured Concrete Pavement	3	Non-ACM	
1-Story Vacant Building – 1 st Floor	SB-5	Poured Concrete Floor Slab	3	Non-ACM	
		Patch Concrete @ Floor Slab	3	Non-ACM	
		Floor Fill Within Concrete Floor Slab	0	Assumed ACM	See Note #1
1-Story Vacant Building – Sub-Basement	SB-8	Poured Concrete Floor	3	Non-ACM	
		Floor Fill Within Floor Slab	0	Assumed ACM	See Note #1
		Thermal System Insulation Debris on Concrete Floor	3	ACM	Approximately 80 ft ² – See Note #2

NOTE #1 – Floor Cores Through Concrete Floor Slab to be Conducted by a Licensed Asbestos Abatement Contractor Following SCA Protocols

NOTE #2 – Clean-up of ACM Debris to be Conducted by a Licensed Asbestos Abatement Contractor Following SCA Protocols

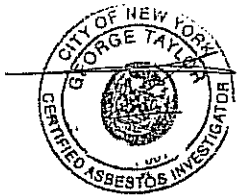
* - Result Reported Confirmed by Transmission Electron Microscopy

ACM – Asbestos Containing Material. Material Contains >1.0% Asbestos.

Note: The probe contractor must provide Taylor Environmental Group, Inc. with the schedule, at least 24 hours prior to the start of probes, so that an investigator can be assigned in order to sample any concealed suspect materials found within probe locations. Any materials not listed or addressed in the above table must be assumed to be asbestos containing materials. If any materials that are not listed are encountered, all work must cease and representatives from the SCA IE&H Dept. must be contacted immediately.

If you have any questions, or require further information, please do not hesitate to call. I hope we have satisfactorily assisted you in your environmental health concerns.

Sincerely,



George Taylor
NYC DEP Investigator (119463)
Project Manager
Taylor Environmental Group, Inc.

Bulk Sampling Data & Chain of Custody Record

INSPECTOR: William Romero		CLIENT: SCA	CLIENT CONTACT: Alex K.	DATE SUBMITTED: 6/30/11
DATE SAMPLED: 6/30/11		SITE ADDRESS: 170 8th St., Brooklyn N.Y.		DATE LOGGED: 6/30/11
TEG PROJECT MANAGER: Gi. Taylor		PROJECT NO. K047-28932	TURNAROUND REQUIRED: OS2737	NORMAL ☐ STAT ☐ BY / /

LAB #	SAMPLE #	LOCATION	DESCRIPTION	RESULTS
07539	1 - 1	EXTERIOR VACANT LOT	ASPHALT PAVEMENT ON P. CON.	• In NO
40	2 - 1	"	↓ PAVEMENT	• In NO
41	3 - 1	100 CENTER OF SOUTH END	↓	• In NO
42	4 - 2	100 NORTH END	P. Concrete PAVEMENT	• NO
43	5 - 2	100 CENTER	↓	• NO
44	6 - 2	100 SOUTH END	↓	• NO
45	7 - 3	100 NORTH END	Cementitious SKIM COAT ON P. Concrete PAVEMENT	• NO
46	8 - 3	100 EAST END	↓	• NO
47	9 - 3	100 SOUTH END	↓	• NO
48	10 - 4	100 EAST SIDE	ASPHALT/TAN DEBRIS ON P. Concrete PAVEMENT	• In NO
49	11 - 4	100 NORTH CENTER	↓	• In NO
50	12 - 4	100 " "	↓	• In NO

Relinquished By: (Name & Signature) W. Romero	Date: 6/30/11	Time: 1430	Received By: (Name & Signature) [Signature]	Date: 6/30/11	Time: 1430
Relinquished By: (Name & Signature) [Signature]	Date: 7/1/11	Time: 1130	Received By: (Name & Signature) [Signature]	Date: 6/30/11	Time: 1430

Analyst: (Name & Signature) [Signature]	Date: 7/1/11	Time: 1130	Comments:

ND = NONE DETECTED
INC = INCONCLUSIVE
AU = ANALYSIS UNNECESSARY

TAYLOR ENVIRONMENTAL GROUP, INC.

Bulk Sampling Data & Chain of Custody Record

INSPECTOR: William Romero		CLIENT:		CLIENT CONTACT: Alex K.		DATE SUBMITTED: 6/30/11	
DATE SAMPLED: 6/30/11		SITE ADDRESS: 170 8TH ST., BROOKLYN N.Y.		PROJECT NO. K047-28932		DATE LOGGED: 6/30/11	
TEG PROJECT MANAGER: G. Taggar		PROJECT NO. K047-28932		TURNAROUND REQUIRED: NORMAL ☐ STAT ☐ BY 1/1			

LAB #	SAMPLE #	LOCATION:	DESCRIPTION:	RESULTS:
07551	13 - 5	1-STORY VACANT BLDG / 1ST FLOOR / THRU-OUT	Round Concrete Floor	NO
52	14 - 5	1	↓	NO
53	15 - 5	1	↓	NO
54	16 - 6	1 / South END	PATCH CONCRETE MATERIAL	NO
55	17 - 6	1	↓	NO
56	18 - 6	1 / EAST SIDE	↓	NO
57	19 - 7	2 SUB / THRU-OUT BASEMENT	Round Concrete Floor	NO
58	20 - 7	1	↓	NO
59	21 - 7	1	↓	NO
60	22 - 8	1	Corrugated PIPE Insulation DEBRIS ON FLOOR	CH: 57%
61	23 - 8	1	↓	AV
62	24 - 8	1	↓	AV

Relinquished By: (Name & Signature) W. Romero		Date: 6/30/11	Time: 1430
Relinquished By: (Name & Signature)		Date:	Time:

Analyst: (Name & Signature) Tim Toner		Date: 7/1/11	Time: 1130
Comments:		Received by Laboratory: (Name & Signature) Tim Toner	
		Date: 6/30/11	Time: 1430

ND = NONE DETECTED
INC = INCONCLUSIVE
AU = ANALYSIS UNNECESSARY

Client: SCA

Location: PS 47 K

TAYLOR ENVIRONMENTAL GROUP, INC.

Polarized Light Microscopy

REQUEST FOR ANALYSIS

Page 1 of 2

Date Received: 6/30/11

Date Analyzed: 7/1/11

Date Approved: 7/1/11

Laboratory Number	Sample Reference	Color	Asbestos Type(s) & %					Non-Asbestos Type(s) & %									
			Homogeneous	Fibrous	NOB	Chrysotile	Amosite	Other	None Detected	Inconclusive	Analysis Unnecessary	Fiberglass	Cellulose	Synthetic	Horse Hair	Other	Binder
07539	1-1	Black	Y / N	Y / N	Y / N				ND	INC	AU						
40	2-1	↓	Y / N	Y / N	Y / N				ND	INC	AU						
41	3-1	↓	Y / N	Y / N	Y / N				ND	INC	AU						
42	4-2	Gray	Y / N	Y / N	Y / N				ND	INC	AU					100	
43	5-1	↓	Y / N	Y / N	Y / N				ND	INC	AU					100	
44	6-1	↓	Y / N	Y / N	Y / N				ND	INC	AU					100	
45	7-3	↓	Y / N	Y / N	Y / N				ND	INC	AU		<1			100	
46	8-1	↓	Y / N	Y / N	Y / N				ND	INC	AU		<1			100	
47	9-1	↓	Y / N	Y / N	Y / N				ND	INC	AU		<1			100	
48	10-1	Black	Y / N	Y / N	Y / N				ND	INC	AU						
49	11-1	↓	Y / N	Y / N	Y / N				ND	INC	AU						
50	12-1	↓	Y / N	Y / N	Y / N				ND	INC	AU						

Approved by: _____

Analyst Signature: _____

Client: SCA

Location:

PS 47K

TAYLOR ENVIRONMENTAL GROUP, INC.

Page 2 of 2

Date Received:

6/30/11

Polarized Light Microscopy

Date Analyzed:

7/1/11

REQUEST FOR ANALYSIS

Date Approved:

7/1/11

Laboratory Number	Sample Reference	Color	Asbestos Type(s) & %			Non-Asbestos Type(s) & %						
			Homogeneous	Fibrous	NOB	Chrysotile	Amosite	Other	None Detected	Circle if applicable		
										Inconclusive	Analysis Unnecessary	Fiberglass
07551	13-5	Gray	Y/N	Y/N	Y/N				ND	INC	AU	
52	14		Y/N	Y/N	Y/N				ND	INC	AU	
53	15		Y/N	Y/N	Y/N				ND	INC	AU	
54	16-6		Y/N	Y/N	Y/N				ND	INC	AU	
55	17		Y/N	Y/N	Y/N				ND	INC	AU	
56	18		Y/N	Y/N	Y/N				ND	INC	AU	
57	19-7		Y/N	Y/N	Y/N				ND	INC	AU	
58	20		Y/N	Y/N	Y/N				ND	INC	AU	
59	21		Y/N	Y/N	Y/N				ND	INC	AU	
60	22-8		Y/N	Y/N	Y/N				ND	INC	AU	
61	23		Y/N	Y/N	Y/N				ND	INC	AU	
62	24		Y/N	Y/N	Y/N				ND	INC	AU	

Approved by:

Analyst Signature:

Taylor Environmental Group, Inc.
Chain of Custody (Subcontracting)

Client: SCA
 Project Location: PS 47 K
 Project #: K047-28932 LLV# 052739
 Analysis Required: TEM NOB

Laboratory #	Sample #	Comments/Special Instructions
07539	1-1	until +
↓ 40	2 ↓	
↓ 41	3 ↓	until +
07548	10-4	
↓ 49	11 ↓	until +
↓ 50	12 ↓	
		061105970 RECEIVED TAYLOR ENVIRONMENTAL GROUP, INC. 7/2/2011 11:4:33

Relinquished By
Tim Towers
 (NAME)

[Signature]
 (SIGNATURE)

Date 7/1/11 Time 1630

Received By
Nichelle DeBito
 (NAME)

Nichelle DeBito
 (SIGNATURE)

Date 7/1/11 Time 433pm

Analyst
CS/Kan
 (NAME)

[Signature]
 (SIGNATURE)

Date 7/1/11 Time 10am

Turnaround Time: ☐ 12 HR ☒ 24 HR ☐ 48 HR ☐ 72 HR

SIGNING AND DATING THE ORIGINAL CHAIN OF CUSTODY IS REQUIRED.
 SEND REPORT AND INVOICE TO TAYLOR ENVIRONMENTAL GROUP INC.

**EMSL Analytical, Inc.**

528 Mineola Avenue, Carle Place, NY 11514

Phone: (516) 997-7251 Fax: 5169977528 Email: carleplacelab@emsl.com

Attn: **Tim Towers**
Taylor Environmental Group, Inc.
130-A Jerico Turnpike
Floral Park, NY 11001

Customer ID: TAYL50
 Customer PO:
 Received: 07/01/11 4:33 PM
 EMSL Order: 061105970

Fax: (516) 358-1780 Phone: (516) 358-2955
 Project: SCA, PS 47K, K047-28932, LLW #052739

EMSL Proj:
 Analysis Date: 7/2/2011

**Test Report: Asbestos Analysis of Non-Friable Organically Bound materials by
 Transmission Electron Microscopy via NYS ELAP Method 198.4**

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES	% TOTAL ASBESTOS
07539 1-1 061105970-0001		Non-Fibrous Heterogeneous	100.0	None	No Asbestos Detected	
07540 2-1 061105970-0002		Non-Fibrous Heterogeneous	100.0	None	No Asbestos Detected	
07541 3-1 061105970-0003		Non-Fibrous Heterogeneous	100.0	None	No Asbestos Detected	
07548 10-4 061105970-0004		Non-Fibrous Heterogeneous	100.0	None	No Asbestos Detected	
07549 11-4 061105970-0005		Non-Fibrous Heterogeneous	100.0	None	No Asbestos Detected	
07550 12-4 061105970-0006		Non-Fibrous Heterogeneous	100.0	None	No Asbestos Detected	

Initial report from 07/02/2011 10:46:28

Analyst(s)

Chris Olsen (6)

Michelle McGowan, Laboratory Manager
 or other approved signatory

This laboratory is not responsible for % asbestos in total sample when the residue only is submitted for analysis. The above report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical, Inc. Samples received in good condition unless otherwise noted.
 Samples analyzed by EMSL Analytical, Inc. Carle Place, NY NYS ELAP 11469

APPENDIX D

**ENVIRONMENTAL SAMPLES - LABORATORY ANALYTICAL DATA
REPORTS**

December 4, 2012

Charles Guder
TRC Environmental Corp - NY
1430 Broadway 10th Floor
New York, NY 10018

Project Location: 203 9th St, Brooklyn, NY
Client Job Number:
Project Number: 195072
Laboratory Work Order Number: 12K0407

Enclosed are results of analyses for samples received by the laboratory on November 12, 2012. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Meghan E. Kelley
Project Manager



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

TRC Environmental Corp - NY
1430 Broadway 10th Floor
New York, NY 10018
ATTN: Charles Guder

REPORT DATE: 12/4/2012

PURCHASE ORDER NUMBER: 46919

PROJECT NUMBER: 195072

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 12K0407

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 203 9th St, Brooklyn, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
TRC-SB-1 (1-4ft)	12K0407-01	Soil		SM 2540G	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8082A	
				SW-846 8260C	
TRC-SB-1 (15-17ft)	12K0407-02	Soil		SW-846 8270D	
				SM 2540G	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8082A	
TRC-GW-1	12K0407-03	Ground Water		SW-846 8260C	
				SW-846 8270D	
				SW-846 6010C	
				SW-846 6020A	
				SW-846 7470A	
TRC-DUP-1	12K0407-04	Ground Water		SW-846 8260C	
				SW-846 8270D	
				SW-846 6010C	
				SW-846 6020A	
				SW-846 7470A	
TRC-SB-2 (1-4ft)	12K0407-05	Soil		SW-846 8260C	
				SW-846 8270D	
				SM 2540G	
				SM2580 A	
				SW-846 6010C	
TRC-SB-2 (15-16ft)	12K0407-06	Soil		SW-846 7196A	
				SW-846 7471B	
				SW-846 8015C	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	
				SW-846 9014	
				SW-846 9045C	
				SM 2540G	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	

TRC Environmental Corp - NY
1430 Broadway 10th Floor
New York, NY 10018
ATTN: Charles Guder

REPORT DATE: 12/4/2012

PURCHASE ORDER NUMBER: 46919

PROJECT NUMBER: 195072

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 12K0407

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 203 9th St, Brooklyn, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
TRC-GW-2	12K0407-07	Ground Water		SW-846 6010C	
				SW-846 6020A	
				SW-846 7470A	
				SW-846 8260C	
				SW-846 8270D	
TRC-SB-9 (1-4ft)	12K0407-08	Soil		SM 2540G	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8082A	
				SW-846 8260C	
TRC-SB-9 (15-16ft)	12K0407-09	Soil		SW-846 8270D	
				SM 2540G	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8082A	
Trip Blank	12K0407-10	Trip Blank Water		SW-846 8260C	
				SW-846 8270D	
				SW-846 8260C	

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

REVISED REPORT - 12/04/2012 - Total metals reported for sample 12K0407-04.

SW-846 6010C**Qualifications:**

Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.

Analyte & Samples(s) Qualified:**Calcium, Magnesium, Sodium**

12K0407-03[TRC-GW-1], B062756-MS1, B062861-MS1

SW-846 7196A**Qualifications:**

For solid method SW846-7196A, the matrix spike is outside of control limits. pH and ORP results were indicative of reducing conditions. Reanalysis is not required. Analysis is in control based on LCS recoveries.

Analyte & Samples(s) Qualified:**Hexavalent Chromium**

12K0407-05[TRC-SB-2 (1-4ft)], B063068-MS3

SW-846 8081B**Qualifications:**

Continuing calibration did not meet method specifications and was biased on the high side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the high side.

Analyte & Samples(s) Qualified:**gamma-BHC (Lindane)**

B062693-BS1, B062693-BSD1

SW-846 8260C**Qualifications:**

Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.

Analyte & Samples(s) Qualified:**1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113), Acetone**

B062788-BS1, B062788-BSD1, B062742-BS1, B062742-BSD1

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

Analyte & Samples(s) Qualified:**1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113), 1,4-Dioxane, 2-Butanone (MEK), Acrylonitrile, Methyl tert-Butyl Ether (MTBE)**

B062731-BSD1, B062742-BSD1

Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.

Analyte & Samples(s) Qualified:**1,2,3-Trichloropropane, 1,3-Dichlorobenzene, Bromoform, Bromomethane, tert-Butyl Alcohol (TBA), Tetrahydrofuran**

12K0407-03[TRC-GW-1], 12K0407-04[TRC-DUP-1], 12K0407-07[TRC-GW-2], 12K0407-10[Trip Blank], B062742-BLK1, B062742-BS1, B062742-BSD1, 12K0407-01[TRC-SB-1 (1-4ft)], B062788-BLK1, B062788-BS1, B062788-BSD1

Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

1,2-Dibromo-3-chloropropane (DBCP), Hexachlorobutadiene, n-Butylbenzene, tert-Butyl Alcohol (TBA), tert-Butyl Ethyl Ether (TBEE), trans-1,3-Dichloropropene

12K0407-03[TRC-GW-1], 12K0407-04[TRC-DUP-1], 12K0407-07[TRC-GW-2], 12K0407-10[Trip Blank], B062742-BLK1, B062742-BS1, B062742-BSD1, 12K0407-02[TRC-SB-1 (15-17ft)], 12K0407-05[TRC-SB-2 (1-4ft)], 12K0407-06[TRC-SB-2 (15-16ft)], 12K0407-08[TRC-SB-9 (1-4ft)], 12K0407-09[TRC-SB-9 (15-16ft)], B062731-BLK1, B062731-BS1, B062731-BSD1, 12K0407-01[TRC-SB-1 (1-4ft)], B062788-BLK1, B062788-BS1, B062788-BSD1

Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy may be associated with reported result.

Analyte & Samples(s) Qualified:

1,2-Dibromo-3-chloropropane (DBCP), 1,4-Dioxane, 2-Butanone (MEK), Acetone, tert-Butyl Alcohol (TBA), Tetrahydrofuran

12K0407-01[TRC-SB-1 (1-4ft)], 12K0407-02[TRC-SB-1 (15-17ft)], 12K0407-05[TRC-SB-2 (1-4ft)], 12K0407-06[TRC-SB-2 (15-16ft)], 12K0407-08[TRC-SB-9 (1-4ft)], 12K0407-09[TRC-SB-9 (15-16ft)], B062731-BLK1, B062731-BS1, B062731-BSD1, B062788-BLK1, B062788-BS1, B062788-BSD1, 12K0407-03[TRC-GW-1], 12K0407-04[TRC-DUP-1], 12K0407-07[TRC-GW-2], 12K0407-10[Trip Blank], B062742-BLK1, B062742-BS1, B062742-BSD1

Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:

1,4-Dioxane, Tetrahydrofuran

B062742-BS1, B062742-BSD1, B062788-BS1, B062788-BSD1

SW-846 8270D

Qualifications:

Laboratory fortified blank /laboratory control sample recovery outside of control limits. Data validation is not affected since all results are "not detected" for all samples in this batch for this compound and bias is on the high side.

Analyte & Samples(s) Qualified:

N-Nitrosodiphenylamine

12K0407-02[TRC-SB-1 (15-17ft)], 12K0407-05[TRC-SB-2 (1-4ft)], 12K0407-06[TRC-SB-2 (15-16ft)], 12K0407-08[TRC-SB-9 (1-4ft)], 12K0407-09[TRC-SB-9 (15-16ft)], B062684-BLK1, B062684-BS1, B062684-BSD1

Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

Benzoic Acid

12K0407-01[TRC-SB-1 (1-4ft)], 12K0407-02[TRC-SB-1 (15-17ft)], 12K0407-05[TRC-SB-2 (1-4ft)], 12K0407-06[TRC-SB-2 (15-16ft)], 12K0407-08[TRC-SB-9 (1-4ft)], 12K0407-09[TRC-SB-9 (15-16ft)], B062684-BLK1, B062684-BS1, B062684-BSD1

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD outside of control limits. Reduced precision anticipated for any reported result for this compound.

Analyte & Samples(s) Qualified:

3/4-Methylphenol, Benzidine, N-Nitrosodimethylamine

B062681-BS1, B062681-BSD1

Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.

Analyte & Samples(s) Qualified:

3/4-Methylphenol, 4-Chloroaniline, Benzidine, Bis(2-chloroisopropyl)ether, N-Nitrosodimethylamine, Pyrene

12K0407-03[TRC-GW-1], 12K0407-04[TRC-DUP-1], 12K0407-07[TRC-GW-2], B062681-BLK1, B062681-BSD1, B062681-BS1

One associated surrogate standard recovery is outside of control limits but the other(s) is/are within limits. All recoveries are > 10%.

Analyte & Samples(s) Qualified:

2,4,6-Tribromophenol

B062681-BS1, B062681-BSD1

Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

4-Nitroaniline, 4-Nitrophenol, Anthracene, Benzidine, Di-n-butylphthalate, Fluoranthene, Hexachlorocyclopentadiene, Pentachlorophenol

B062681-BLK1, B062681-BS1, B062681-BSD1, 12K0407-02[TRC-SB-1 (15-17ft)], 12K0407-05[TRC-SB-2 (1-4ft)], 12K0407-06[TRC-SB-2 (15-16ft)], 12K0407-08[TRC-SB-9 (1-4ft)], 12K0407-09[TRC-SB-9 (15-16ft)], B062684-BLK1, B062684-BS1, B062684-BSD1, 12K0407-01[TRC-SB-1 (1-4ft)], 12K0407-03[TRC-GW-1], 12K0407-04[TRC-DUP-1], 12K0407-07[TRC-GW-2]

Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy may be associated with reported result.

Analyte & Samples(s) Qualified:

Pentachloronitrobenzene

12K0407-01[TRC-SB-1 (1-4ft)], 12K0407-02[TRC-SB-1 (15-17ft)], 12K0407-03[TRC-GW-1], 12K0407-04[TRC-DUP-1], 12K0407-05[TRC-SB-2 (1-4ft)], 12K0407-06[TRC-SB-2 (15-16ft)], 12K0407-07[TRC-GW-2], 12K0407-08[TRC-SB-9 (1-4ft)], 12K0407-09[TRC-SB-9 (15-16ft)], B062681-BLK1, B062681-BS1, B062681-BSD1, B062684-BLK1, B062684-BS1, B062684-BSD1

Initial calibration did not meet method specifications. Compound was calibrated using linear regression with correlation coefficient <0.99.

Analyte & Samples(s) Qualified:

2,4-Dinitrophenol

12K0407-01[TRC-SB-1 (1-4ft)]

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Daren J. Damboragian
Laboratory Manager

Project Location: 203 9th St, Brooklyn, NY

Sample Description:

Work Order: 12K0407

Date Received: 11/12/2012

Field Sample #: TRC-SB-1 (1-4ft)

Sampled: 11/12/2012 11:30

Sample ID: 12K0407-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.12	mg/Kg dry	1	V-16	SW-846 8260C	11/13/12	11/14/12 11:11	MFF
Acrylonitrile	ND	0.0070	mg/Kg dry	1		SW-846 8260C	11/13/12	11/14/12 11:11	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/13/12	11/14/12 11:11	MFF
Benzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/14/12 11:11	MFF
Bromobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/14/12 11:11	MFF
Bromochloromethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/14/12 11:11	MFF
Bromodichloromethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/14/12 11:11	MFF
Bromoform	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/14/12 11:11	MFF
Bromomethane	ND	0.012	mg/Kg dry	1		SW-846 8260C	11/13/12	11/14/12 11:11	MFF
2-Butanone (MEK)	ND	0.046	mg/Kg dry	1	V-16	SW-846 8260C	11/13/12	11/14/12 11:11	MFF
tert-Butyl Alcohol (TBA)	ND	0.046	mg/Kg dry	1	V-16	SW-846 8260C	11/13/12	11/14/12 11:11	MFF
n-Butylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/14/12 11:11	MFF
sec-Butylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/14/12 11:11	MFF
tert-Butylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/14/12 11:11	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0023	mg/Kg dry	1	V-05	SW-846 8260C	11/13/12	11/14/12 11:11	MFF
Carbon Disulfide	ND	0.0070	mg/Kg dry	1		SW-846 8260C	11/13/12	11/14/12 11:11	MFF
Carbon Tetrachloride	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/14/12 11:11	MFF
Chlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/14/12 11:11	MFF
Chlorodibromomethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/13/12	11/14/12 11:11	MFF
Chloroethane	ND	0.023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/14/12 11:11	MFF
Chloroform	ND	0.0046	mg/Kg dry	1		SW-846 8260C	11/13/12	11/14/12 11:11	MFF
Chloromethane	ND	0.012	mg/Kg dry	1		SW-846 8260C	11/13/12	11/14/12 11:11	MFF
2-Chlorotoluene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/14/12 11:11	MFF
4-Chlorotoluene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/14/12 11:11	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0023	mg/Kg dry	1	V-16	SW-846 8260C	11/13/12	11/14/12 11:11	MFF
1,2-Dibromoethane (EDB)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/13/12	11/14/12 11:11	MFF
Dibromomethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/14/12 11:11	MFF
1,2-Dichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/14/12 11:11	MFF
1,3-Dichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/14/12 11:11	MFF
1,4-Dichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/14/12 11:11	MFF
trans-1,4-Dichloro-2-butene	ND	0.0046	mg/Kg dry	1		SW-846 8260C	11/13/12	11/14/12 11:11	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/14/12 11:11	MFF
1,1-Dichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/14/12 11:11	MFF
1,2-Dichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/14/12 11:11	MFF
1,1-Dichloroethylene	ND	0.0046	mg/Kg dry	1		SW-846 8260C	11/13/12	11/14/12 11:11	MFF
cis-1,2-Dichloroethylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/14/12 11:11	MFF
trans-1,2-Dichloroethylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/14/12 11:11	MFF
1,2-Dichloropropane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/14/12 11:11	MFF
1,3-Dichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/13/12	11/14/12 11:11	MFF
2,2-Dichloropropane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/14/12 11:11	MFF
1,1-Dichloropropene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/14/12 11:11	MFF
cis-1,3-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/13/12	11/14/12 11:11	MFF
trans-1,3-Dichloropropene	ND	0.0012	mg/Kg dry	1	V-05	SW-846 8260C	11/13/12	11/14/12 11:11	MFF
Diethyl Ether	ND	0.023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/14/12 11:11	MFF

Project Location: 203 9th St, Brooklyn, NY

Sample Description:

Work Order: 12K0407

Date Received: 11/12/2012

Field Sample #: TRC-SB-1 (1-4ft)

Sampled: 11/12/2012 11:30

Sample ID: 12K0407-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/13/12	11/14/12 11:11	MFF
1,4-Dioxane	ND	0.12	mg/Kg dry	1	V-16	SW-846 8260C	11/13/12	11/14/12 11:11	MFF
Ethylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/14/12 11:11	MFF
Hexachlorobutadiene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/14/12 11:11	MFF
2-Hexanone (MBK)	ND	0.023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/14/12 11:11	MFF
Isopropylbenzene (Cumene)	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/14/12 11:11	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/14/12 11:11	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0046	mg/Kg dry	1		SW-846 8260C	11/13/12	11/14/12 11:11	MFF
Methylene Chloride	ND	0.023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/14/12 11:11	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/14/12 11:11	MFF
Naphthalene	ND	0.0046	mg/Kg dry	1		SW-846 8260C	11/13/12	11/14/12 11:11	MFF
n-Propylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/14/12 11:11	MFF
Styrene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/14/12 11:11	MFF
1,1,1,2-Tetrachloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/14/12 11:11	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/13/12	11/14/12 11:11	MFF
Tetrachloroethylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/14/12 11:11	MFF
Tetrahydrofuran	ND	0.012	mg/Kg dry	1	R-05, V-16	SW-846 8260C	11/13/12	11/14/12 11:11	MFF
Toluene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/14/12 11:11	MFF
1,2,3-Trichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/14/12 11:11	MFF
1,2,4-Trichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/14/12 11:11	MFF
1,3,5-Trichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/14/12 11:11	MFF
1,1,1-Trichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/14/12 11:11	MFF
1,1,2-Trichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/14/12 11:11	MFF
Trichloroethylene	0.015	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/14/12 11:11	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	mg/Kg dry	1		SW-846 8260C	11/13/12	11/14/12 11:11	MFF
1,2,3-Trichloropropane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/14/12 11:11	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.012	mg/Kg dry	1		SW-846 8260C	11/13/12	11/14/12 11:11	MFF
1,2,4-Trimethylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/14/12 11:11	MFF
1,3,5-Trimethylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/14/12 11:11	MFF
Vinyl Chloride	ND	0.012	mg/Kg dry	1		SW-846 8260C	11/13/12	11/14/12 11:11	MFF
m+p Xylene	ND	0.0046	mg/Kg dry	1		SW-846 8260C	11/13/12	11/14/12 11:11	MFF
o-Xylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/14/12 11:11	MFF

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	105	70-130	11/14/12 11:11
Toluene-d8	100	70-130	11/14/12 11:11
4-Bromofluorobenzene	95.8	70-130	11/14/12 11:11

Project Location: 203 9th St, Brooklyn, NY

Sample Description:

Work Order: 12K0407

Date Received: 11/12/2012

Field Sample #: TRC-SB-1 (1-4ft)

Sampled: 11/12/2012 11:30

Sample ID: 12K0407-01

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/13/12	11/15/12 16:22	CMR
Acenaphthylene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/13/12	11/15/12 16:22	CMR
Acetophenone	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/13/12	11/15/12 16:22	CMR
Aniline	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/13/12	11/15/12 16:22	CMR
Anthracene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/13/12	11/15/12 16:22	CMR
Benzidine	ND	0.39	mg/Kg dry	1	V-05	SW-846 8270D	11/13/12	11/15/12 16:22	CMR
Benzo(a)anthracene	0.52	0.20	mg/Kg dry	1		SW-846 8270D	11/13/12	11/15/12 16:22	CMR
Benzo(a)pyrene	0.44	0.20	mg/Kg dry	1		SW-846 8270D	11/13/12	11/15/12 16:22	CMR
Benzo(b)fluoranthene	0.53	0.20	mg/Kg dry	1		SW-846 8270D	11/13/12	11/15/12 16:22	CMR
Benzo(g,h,i)perylene	0.36	0.20	mg/Kg dry	1		SW-846 8270D	11/13/12	11/15/12 16:22	CMR
Benzo(k)fluoranthene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/13/12	11/15/12 16:22	CMR
Benzoic Acid	ND	1.2	mg/Kg dry	1	L-04	SW-846 8270D	11/13/12	11/15/12 16:22	CMR
Bis(2-chloroethoxy)methane	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/13/12	11/15/12 16:22	CMR
Bis(2-chloroethyl)ether	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/13/12	11/15/12 16:22	CMR
Bis(2-chloroisopropyl)ether	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/13/12	11/15/12 16:22	CMR
Bis(2-Ethylhexyl)phthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/13/12	11/15/12 16:22	CMR
4-Bromophenylphenylether	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/13/12	11/15/12 16:22	CMR
Butylbenzylphthalate	ND	0.76	mg/Kg dry	1		SW-846 8270D	11/13/12	11/15/12 16:22	CMR
Carbazole	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/13/12	11/15/12 16:22	CMR
4-Chloroaniline	ND	0.76	mg/Kg dry	1		SW-846 8270D	11/13/12	11/15/12 16:22	CMR
4-Chloro-3-methylphenol	ND	0.76	mg/Kg dry	1		SW-846 8270D	11/13/12	11/15/12 16:22	CMR
2-Chloronaphthalene	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/13/12	11/15/12 16:22	CMR
2-Chlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/13/12	11/15/12 16:22	CMR
4-Chlorophenylphenylether	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/13/12	11/15/12 16:22	CMR
Chrysene	0.51	0.20	mg/Kg dry	1		SW-846 8270D	11/13/12	11/15/12 16:22	CMR
Dibenz(a,h)anthracene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/13/12	11/15/12 16:22	CMR
Dibenzofuran	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/13/12	11/15/12 16:22	CMR
Di-n-butylphthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/13/12	11/15/12 16:22	CMR
1,2-Dichlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/13/12	11/15/12 16:22	CMR
1,3-Dichlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/13/12	11/15/12 16:22	CMR
1,4-Dichlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/13/12	11/15/12 16:22	CMR
3,3-Dichlorobenzidine	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/13/12	11/15/12 16:22	CMR
2,4-Dichlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/13/12	11/15/12 16:22	CMR
Diethylphthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/13/12	11/15/12 16:22	CMR
2,4-Dimethylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/13/12	11/15/12 16:22	CMR
Dimethylphthalate	ND	0.76	mg/Kg dry	1		SW-846 8270D	11/13/12	11/15/12 16:22	CMR
4,6-Dinitro-2-methylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/13/12	11/15/12 16:22	CMR
2,4-Dinitrophenol	ND	0.76	mg/Kg dry	1	V-19	SW-846 8270D	11/13/12	11/15/12 16:22	CMR
2,4-Dinitrotoluene	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/13/12	11/15/12 16:22	CMR
2,6-Dinitrotoluene	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/13/12	11/15/12 16:22	CMR
Di-n-octylphthalate	ND	0.76	mg/Kg dry	1		SW-846 8270D	11/13/12	11/15/12 16:22	CMR
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/13/12	11/15/12 16:22	CMR
Fluoranthene	1.2	0.20	mg/Kg dry	1	V-05	SW-846 8270D	11/13/12	11/15/12 16:22	CMR
Fluorene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/13/12	11/15/12 16:22	CMR

Project Location: 203 9th St, Brooklyn, NY

Sample Description:

Work Order: 12K0407

Date Received: 11/12/2012

Field Sample #: TRC-SB-1 (1-4ft)

Sampled: 11/12/2012 11:30

Sample ID: 12K0407-01

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/13/12	11/15/12 16:22	CMR
Hexachlorobutadiene	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/13/12	11/15/12 16:22	CMR
Hexachlorocyclopentadiene	ND	0.76	mg/Kg dry	1		SW-846 8270D	11/13/12	11/15/12 16:22	CMR
Hexachloroethane	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/13/12	11/15/12 16:22	CMR
Indeno(1,2,3-cd)pyrene	0.39	0.20	mg/Kg dry	1		SW-846 8270D	11/13/12	11/15/12 16:22	CMR
Isophorone	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/13/12	11/15/12 16:22	CMR
1-Methylnaphthalene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/13/12	11/15/12 16:22	CMR
2-Methylnaphthalene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/13/12	11/15/12 16:22	CMR
2-Methylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/13/12	11/15/12 16:22	CMR
3/4-Methylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/13/12	11/15/12 16:22	CMR
Naphthalene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/13/12	11/15/12 16:22	CMR
2-Nitroaniline	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/13/12	11/15/12 16:22	CMR
3-Nitroaniline	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/13/12	11/15/12 16:22	CMR
4-Nitroaniline	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/13/12	11/15/12 16:22	CMR
Nitrobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/13/12	11/15/12 16:22	CMR
2-Nitrophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/13/12	11/15/12 16:22	CMR
4-Nitrophenol	ND	0.76	mg/Kg dry	1		SW-846 8270D	11/13/12	11/15/12 16:22	CMR
N-Nitrosodimethylamine	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/13/12	11/15/12 16:22	CMR
N-Nitrosodiphenylamine	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/13/12	11/15/12 16:22	CMR
N-Nitrosodi-n-propylamine	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/13/12	11/15/12 16:22	CMR
Pentachloronitrobenzene	ND	0.39	mg/Kg dry	1	V-16	SW-846 8270D	11/13/12	11/15/12 16:22	CMR
Pentachlorophenol	ND	0.39	mg/Kg dry	1	V-05	SW-846 8270D	11/13/12	11/15/12 16:22	CMR
Phenanthrene	0.77	0.20	mg/Kg dry	1		SW-846 8270D	11/13/12	11/15/12 16:22	CMR
Phenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/13/12	11/15/12 16:22	CMR
Pyrene	0.98	0.20	mg/Kg dry	1		SW-846 8270D	11/13/12	11/15/12 16:22	CMR
Pyridine	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/13/12	11/15/12 16:22	CMR
1,2,4,5-Tetrachlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/13/12	11/15/12 16:22	CMR
1,2,4-Trichlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/13/12	11/15/12 16:22	CMR
2,4,5-Trichlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/13/12	11/15/12 16:22	CMR
2,4,6-Trichlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/13/12	11/15/12 16:22	CMR
Surrogates	% Recovery	Recovery Limits	Flag						
2-Fluorophenol	80.3	30-130							
Phenol-d6	85.8	30-130							
Nitrobenzene-d5	81.0	30-130							
2-Fluorobiphenyl	73.9	30-130							
2,4,6-Tribromophenol	39.3	30-130							
Terphenyl-d14	79.9	30-130							

Project Location: 203 9th St, Brooklyn, NY

Sample Description:

Work Order: 12K0407

Date Received: 11/12/2012

Field Sample #: TRC-SB-1 (1-4ft)

Sampled: 11/12/2012 11:30

Sample ID: 12K0407-01

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/14/12	11/16/12 23:39	JMB
Aroclor-1221 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/14/12	11/16/12 23:39	JMB
Aroclor-1232 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/14/12	11/16/12 23:39	JMB
Aroclor-1242 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/14/12	11/16/12 23:39	JMB
Aroclor-1248 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/14/12	11/16/12 23:39	JMB
Aroclor-1254 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/14/12	11/16/12 23:39	JMB
Aroclor-1260 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/14/12	11/16/12 23:39	JMB
Aroclor-1262 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/14/12	11/16/12 23:39	JMB
Aroclor-1268 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/14/12	11/16/12 23:39	JMB
Surrogates		% Recovery	Recovery Limits		Flag				
Decachlorobiphenyl [1]		103	30-150					11/16/12 23:39	
Decachlorobiphenyl [2]		86.6	30-150					11/16/12 23:39	
Tetrachloro-m-xylene [1]		73.3	30-150					11/16/12 23:39	
Tetrachloro-m-xylene [2]		79.4	30-150					11/16/12 23:39	

Project Location: 203 9th St, Brooklyn, NY

Sample Description:

Work Order: 12K0407

Date Received: 11/12/2012

Field Sample #: TRC-SB-1 (1-4ft)

Sampled: 11/12/2012 11:30

Sample ID: 12K0407-01

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	7700	2.8	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 15:51	OP
Antimony	ND	2.8	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 15:51	OP
Arsenic	4.0	2.8	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 15:51	OP
Barium	47	2.8	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 15:51	OP
Beryllium	ND	0.28	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 15:51	OP
Cadmium	0.35	0.28	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 15:51	OP
Calcium	4600	8.3	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 15:51	OP
Chromium	15	0.55	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 15:51	OP
Cobalt	5.3	2.8	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 15:51	OP
Copper	100	0.55	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 15:51	OP
Iron	15000	2.8	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 15:51	OP
Lead	44	0.83	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 15:51	OP
Magnesium	2100	8.3	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 15:51	OP
Manganese	220	0.55	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 15:51	OP
Mercury	2.6	0.29	mg/Kg dry	10		SW-846 7471B	11/14/12	11/15/12 13:43	SAJ
Nickel	600	0.55	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 15:51	OP
Potassium	710	110	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 15:51	OP
Selenium	ND	2.8	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 15:51	OP
Silver	ND	0.55	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 15:51	OP
Sodium	ND	110	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 15:51	OP
Thallium	ND	2.8	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 15:51	OP
Vanadium	29	1.1	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 15:51	OP
Zinc	110	1.1	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 15:51	OP

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Project Location: 203 9th St, Brooklyn, NY

Sample Description:

Work Order: 12K0407

Date Received: 11/12/2012

Field Sample #: TRC-SB-1 (1-4ft)

Sampled: 11/12/2012 11:30

Sample ID: 12K0407-01

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	84.5		% Wt	1		SM 2540G	11/13/12	11/14/12 11:51	RH

Project Location: 203 9th St, Brooklyn, NY

Sample Description:

Work Order: 12K0407

Date Received: 11/12/2012

Field Sample #: TRC-SB-1 (15-17ft)

Sampled: 11/12/2012 11:40

Sample ID: 12K0407-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.11	mg/Kg dry	1	V-16	SW-846 8260C	11/13/12	11/13/12 13:37	MFF
Acrylonitrile	ND	0.0067	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 13:37	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 13:37	MFF
Benzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 13:37	MFF
Bromobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 13:37	MFF
Bromochloromethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 13:37	MFF
Bromodichloromethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 13:37	MFF
Bromoform	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 13:37	MFF
Bromomethane	ND	0.011	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 13:37	MFF
2-Butanone (MEK)	ND	0.045	mg/Kg dry	1	V-16	SW-846 8260C	11/13/12	11/13/12 13:37	MFF
tert-Butyl Alcohol (TBA)	ND	0.045	mg/Kg dry	1	V-05, V-16	SW-846 8260C	11/13/12	11/13/12 13:37	MFF
n-Butylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 13:37	MFF
sec-Butylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 13:37	MFF
tert-Butylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 13:37	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0022	mg/Kg dry	1	V-05	SW-846 8260C	11/13/12	11/13/12 13:37	MFF
Carbon Disulfide	ND	0.0067	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 13:37	MFF
Carbon Tetrachloride	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 13:37	MFF
Chlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 13:37	MFF
Chlorodibromomethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 13:37	MFF
Chloroethane	ND	0.022	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 13:37	MFF
Chloroform	ND	0.0045	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 13:37	MFF
Chloromethane	ND	0.011	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 13:37	MFF
2-Chlorotoluene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 13:37	MFF
4-Chlorotoluene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 13:37	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0022	mg/Kg dry	1	V-16	SW-846 8260C	11/13/12	11/13/12 13:37	MFF
1,2-Dibromoethane (EDB)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 13:37	MFF
Dibromomethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 13:37	MFF
1,2-Dichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 13:37	MFF
1,3-Dichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 13:37	MFF
1,4-Dichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 13:37	MFF
trans-1,4-Dichloro-2-butene	ND	0.0045	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 13:37	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.022	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 13:37	MFF
1,1-Dichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 13:37	MFF
1,2-Dichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 13:37	MFF
1,1-Dichloroethylene	ND	0.0045	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 13:37	MFF
cis-1,2-Dichloroethylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 13:37	MFF
trans-1,2-Dichloroethylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 13:37	MFF
1,2-Dichloropropane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 13:37	MFF
1,3-Dichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 13:37	MFF
2,2-Dichloropropane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 13:37	MFF
1,1-Dichloropropene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 13:37	MFF
cis-1,3-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 13:37	MFF
trans-1,3-Dichloropropene	ND	0.0011	mg/Kg dry	1	V-05	SW-846 8260C	11/13/12	11/13/12 13:37	MFF
Diethyl Ether	ND	0.022	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 13:37	MFF

Project Location: 203 9th St, Brooklyn, NY

Sample Description:

Work Order: 12K0407

Date Received: 11/12/2012

Field Sample #: TRC-SB-1 (15-17ft)

Sampled: 11/12/2012 11:40

Sample ID: 12K0407-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 13:37	MFF
1,4-Dioxane	ND	0.11	mg/Kg dry	1	V-16	SW-846 8260C	11/13/12	11/13/12 13:37	MFF
Ethylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 13:37	MFF
Hexachlorobutadiene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 13:37	MFF
2-Hexanone (MBK)	ND	0.022	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 13:37	MFF
Isopropylbenzene (Cumene)	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 13:37	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 13:37	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0045	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 13:37	MFF
Methylene Chloride	ND	0.022	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 13:37	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.022	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 13:37	MFF
Naphthalene	ND	0.0045	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 13:37	MFF
n-Propylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 13:37	MFF
Styrene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 13:37	MFF
1,1,1,2-Tetrachloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 13:37	MFF
1,1,2,2-Tetrachloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 13:37	MFF
Tetrachloroethylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 13:37	MFF
Tetrahydrofuran	ND	0.011	mg/Kg dry	1	V-16	SW-846 8260C	11/13/12	11/13/12 13:37	MFF
Toluene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 13:37	MFF
1,2,3-Trichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 13:37	MFF
1,2,4-Trichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 13:37	MFF
1,3,5-Trichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 13:37	MFF
1,1,1-Trichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 13:37	MFF
1,1,2-Trichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 13:37	MFF
Trichloroethylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 13:37	MFF
Trichlorofluoromethane (Freon 11)	ND	0.011	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 13:37	MFF
1,2,3-Trichloropropane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 13:37	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.011	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 13:37	MFF
1,2,4-Trimethylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 13:37	MFF
1,3,5-Trimethylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 13:37	MFF
Vinyl Chloride	ND	0.011	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 13:37	MFF
m+p Xylene	ND	0.0045	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 13:37	MFF
o-Xylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 13:37	MFF
Surrogates	% Recovery	Recovery Limits	Flag						
1,2-Dichloroethane-d4	108	70-130							
Toluene-d8	102	70-130							
4-Bromofluorobenzene	96.3	70-130							

Project Location: 203 9th St, Brooklyn, NY

Sample Description:

Work Order: 12K0407

Date Received: 11/12/2012

Field Sample #: TRC-SB-1 (15-17ft)

Sampled: 11/12/2012 11:40

Sample ID: 12K0407-02

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 18:29	CMR
Acenaphthylene	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 18:29	CMR
Acetophenone	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 18:29	CMR
Aniline	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 18:29	CMR
Anthracene	ND	0.18	mg/Kg dry	1	V-05	SW-846 8270D	11/13/12	11/14/12 18:29	CMR
Benzidine	ND	0.36	mg/Kg dry	1	V-05	SW-846 8270D	11/13/12	11/14/12 18:29	CMR
Benzo(a)anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 18:29	CMR
Benzo(a)pyrene	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 18:29	CMR
Benzo(b)fluoranthene	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 18:29	CMR
Benzo(g,h,i)perylene	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 18:29	CMR
Benzo(k)fluoranthene	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 18:29	CMR
Benzoic Acid	ND	1.1	mg/Kg dry	1	L-04	SW-846 8270D	11/13/12	11/14/12 18:29	CMR
Bis(2-chloroethoxy)methane	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 18:29	CMR
Bis(2-chloroethyl)ether	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 18:29	CMR
Bis(2-chloroisopropyl)ether	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 18:29	CMR
Bis(2-Ethylhexyl)phthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 18:29	CMR
4-Bromophenylphenylether	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 18:29	CMR
Butylbenzylphthalate	ND	0.70	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 18:29	CMR
Carbazole	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 18:29	CMR
4-Chloroaniline	ND	0.70	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 18:29	CMR
4-Chloro-3-methylphenol	ND	0.70	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 18:29	CMR
2-Chloronaphthalene	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 18:29	CMR
2-Chlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 18:29	CMR
4-Chlorophenylphenylether	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 18:29	CMR
Chrysene	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 18:29	CMR
Dibenz(a,h)anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 18:29	CMR
Dibenzofuran	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 18:29	CMR
Di-n-butylphthalate	ND	0.36	mg/Kg dry	1	V-05	SW-846 8270D	11/13/12	11/14/12 18:29	CMR
1,2-Dichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 18:29	CMR
1,3-Dichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 18:29	CMR
1,4-Dichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 18:29	CMR
3,3-Dichlorobenzidine	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 18:29	CMR
2,4-Dichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 18:29	CMR
Diethylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 18:29	CMR
2,4-Dimethylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 18:29	CMR
Dimethylphthalate	ND	0.70	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 18:29	CMR
4,6-Dinitro-2-methylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 18:29	CMR
2,4-Dinitrophenol	ND	0.70	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 18:29	CMR
2,4-Dinitrotoluene	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 18:29	CMR
2,6-Dinitrotoluene	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 18:29	CMR
Di-n-octylphthalate	ND	0.70	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 18:29	CMR
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 18:29	CMR
Fluoranthene	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 18:29	CMR
Fluorene	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 18:29	CMR

Project Location: 203 9th St, Brooklyn, NY

Sample Description:

Work Order: 12K0407

Date Received: 11/12/2012

Field Sample #: TRC-SB-1 (15-17ft)

Sampled: 11/12/2012 11:40

Sample ID: 12K0407-02

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 18:29	CMR
Hexachlorobutadiene	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 18:29	CMR
Hexachlorocyclopentadiene	ND	0.70	mg/Kg dry	1	V-05	SW-846 8270D	11/13/12	11/14/12 18:29	CMR
Hexachloroethane	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 18:29	CMR
Indeno(1,2,3-cd)pyrene	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 18:29	CMR
Isophorone	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 18:29	CMR
1-Methylnaphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 18:29	CMR
2-Methylnaphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 18:29	CMR
2-Methylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 18:29	CMR
3/4-Methylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 18:29	CMR
Naphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 18:29	CMR
2-Nitroaniline	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 18:29	CMR
3-Nitroaniline	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 18:29	CMR
4-Nitroaniline	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 18:29	CMR
Nitrobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 18:29	CMR
2-Nitrophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 18:29	CMR
4-Nitrophenol	ND	0.70	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 18:29	CMR
N-Nitrosodimethylamine	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 18:29	CMR
N-Nitrosodiphenylamine	ND	0.36	mg/Kg dry	1	L-01	SW-846 8270D	11/13/12	11/14/12 18:29	CMR
N-Nitrosodi-n-propylamine	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 18:29	CMR
Pentachloronitrobenzene	ND	0.36	mg/Kg dry	1	V-16	SW-846 8270D	11/13/12	11/14/12 18:29	CMR
Pentachlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 18:29	CMR
Phenanthrene	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 18:29	CMR
Phenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 18:29	CMR
Pyrene	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 18:29	CMR
Pyridine	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 18:29	CMR
1,2,4,5-Tetrachlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 18:29	CMR
1,2,4-Trichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 18:29	CMR
2,4,5-Trichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 18:29	CMR
2,4,6-Trichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 18:29	CMR
Surrogates	% Recovery	Recovery Limits	Flag						
2-Fluorophenol	91.8	30-130							
Phenol-d6	84.5	30-130							
Nitrobenzene-d5	75.8	30-130							
2-Fluorobiphenyl	66.3	30-130							
2,4,6-Tribromophenol	80.4	30-130							
Terphenyl-d14	66.8	30-130							

Project Location: 203 9th St, Brooklyn, NY

Sample Description:

Work Order: 12K0407

Date Received: 11/12/2012

Field Sample #: TRC-SB-1 (15-17ft)

Sampled: 11/12/2012 11:40

Sample ID: 12K0407-02

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	11/14/12	11/16/12 23:52	JMB
Aroclor-1221 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	11/14/12	11/16/12 23:52	JMB
Aroclor-1232 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	11/14/12	11/16/12 23:52	JMB
Aroclor-1242 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	11/14/12	11/16/12 23:52	JMB
Aroclor-1248 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	11/14/12	11/16/12 23:52	JMB
Aroclor-1254 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	11/14/12	11/16/12 23:52	JMB
Aroclor-1260 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	11/14/12	11/16/12 23:52	JMB
Aroclor-1262 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	11/14/12	11/16/12 23:52	JMB
Aroclor-1268 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	11/14/12	11/16/12 23:52	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	108	30-150							
Decachlorobiphenyl [2]	83.6	30-150							
Tetrachloro-m-xylene [1]	79.8	30-150							
Tetrachloro-m-xylene [2]	86.4	30-150							

Project Location: 203 9th St, Brooklyn, NY

Sample Description:

Work Order: 12K0407

Date Received: 11/12/2012

Field Sample #: TRC-SB-1 (15-17ft)

Sampled: 11/12/2012 11:40

Sample ID: 12K0407-02

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	3000	2.5	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 15:57	OP
Antimony	ND	2.5	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 15:57	OP
Arsenic	ND	2.5	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 15:57	OP
Barium	26	2.5	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 15:57	OP
Beryllium	ND	0.25	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 15:57	OP
Cadmium	ND	0.25	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 15:57	OP
Calcium	1100	7.6	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 15:57	OP
Chromium	6.9	0.51	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 15:57	OP
Cobalt	4.8	2.5	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 15:57	OP
Copper	240	0.51	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 15:57	OP
Iron	5400	2.5	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 15:57	OP
Lead	5.4	0.76	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 15:57	OP
Magnesium	2000	7.6	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 15:57	OP
Manganese	240	0.51	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 15:57	OP
Mercury	ND	0.026	mg/Kg dry	1		SW-846 7471B	11/14/12	11/15/12 13:25	SAJ
Nickel	65	0.51	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 15:57	OP
Potassium	790	100	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 15:57	OP
Selenium	ND	2.5	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 15:57	OP
Silver	ND	0.51	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 15:57	OP
Sodium	ND	100	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 15:57	OP
Thallium	ND	2.5	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 15:57	OP
Vanadium	11	1.0	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 15:57	OP
Zinc	77	1.0	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 15:57	OP

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Project Location: 203 9th St, Brooklyn, NY

Sample Description:

Work Order: 12K0407

Date Received: 11/12/2012

Field Sample #: TRC-SB-1 (15-17ft)

Sampled: 11/12/2012 11:40

Sample ID: 12K0407-02

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	93.5		% Wt	1		SM 2540G	11/13/12	11/14/12 11:51	RH

Project Location: 203 9th St, Brooklyn, NY

Sample Description:

Work Order: 12K0407

Date Received: 11/12/2012

Field Sample #: TRC-GW-1

Sampled: 11/12/2012 12:00

Sample ID: 12K0407-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	11/13/12	11/13/12 16:42	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 16:42	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	11/13/12	11/13/12 16:42	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 16:42	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 16:42	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 16:42	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	11/13/12	11/13/12 16:42	LBD
Bromoform	ND	1.0	µg/L	1	R-05	SW-846 8260C	11/13/12	11/13/12 16:42	LBD
Bromomethane	ND	2.0	µg/L	1	R-05	SW-846 8260C	11/13/12	11/13/12 16:42	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	11/13/12	11/13/12 16:42	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	R-05	SW-846 8260C	11/13/12	11/13/12 16:42	LBD
n-Butylbenzene	ND	1.0	µg/L	1	V-05	SW-846 8260C	11/13/12	11/13/12 16:42	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 16:42	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 16:42	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	11/13/12	11/13/12 16:42	LBD
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 16:42	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 16:42	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 16:42	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	11/13/12	11/13/12 16:42	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 16:42	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 16:42	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 16:42	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 16:42	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 16:42	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260C	11/13/12	11/13/12 16:42	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	11/13/12	11/13/12 16:42	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 16:42	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 16:42	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1	R-05	SW-846 8260C	11/13/12	11/13/12 16:42	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 16:42	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 16:42	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 16:42	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 16:42	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 16:42	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 16:42	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 16:42	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 16:42	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 16:42	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	11/13/12	11/13/12 16:42	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 16:42	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 16:42	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	11/13/12	11/13/12 16:42	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	11/13/12	11/13/12 16:42	LBD
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 16:42	LBD

Project Location: 203 9th St, Brooklyn, NY

Sample Description:

Work Order: 12K0407

Date Received: 11/12/2012

Field Sample #: TRC-GW-1

Sampled: 11/12/2012 12:00

Sample ID: 12K0407-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	11/13/12	11/13/12 16:42	LBD
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	11/13/12	11/13/12 16:42	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 16:42	LBD
Hexachlorobutadiene	ND	0.50	µg/L	1	V-05	SW-846 8260C	11/13/12	11/13/12 16:42	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	11/13/12	11/13/12 16:42	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 16:42	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 16:42	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 16:42	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 16:42	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	11/13/12	11/13/12 16:42	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 16:42	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 16:42	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 16:42	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 16:42	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	11/13/12	11/13/12 16:42	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 16:42	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	11/13/12	11/13/12 16:42	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 16:42	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 16:42	LBD
1,2,4-Trichlorobenzene	ND	2.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 16:42	LBD
1,3,5-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 16:42	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 16:42	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 16:42	LBD
Trichloroethylene	9.3	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 16:42	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 16:42	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1	R-05	SW-846 8260C	11/13/12	11/13/12 16:42	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 16:42	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 16:42	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 16:42	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 16:42	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 16:42	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 16:42	LBD

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	100	70-130	
Toluene-d8	104	70-130	
4-Bromofluorobenzene	88.4	70-130	

Project Location: 203 9th St, Brooklyn, NY

Sample Description:

Work Order: 12K0407

Date Received: 11/12/2012

Field Sample #: TRC-GW-1

Sampled: 11/12/2012 12:00

Sample ID: 12K0407-03

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 19:58	CMR
Acenaphthylene	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 19:58	CMR
Acetophenone	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 19:58	CMR
Aniline	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 19:58	CMR
Anthracene	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 19:58	CMR
Benzidine	ND	10	µg/L	1	R-05, V-05	SW-846 8270D	11/13/12	11/13/12 19:58	CMR
Benzo(a)anthracene	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 19:58	CMR
Benzo(a)pyrene	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 19:58	CMR
Benzo(b)fluoranthene	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 19:58	CMR
Benzo(g,h,i)perylene	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 19:58	CMR
Benzo(k)fluoranthene	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 19:58	CMR
Benzoic Acid	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 19:58	CMR
Bis(2-chloroethoxy)methane	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 19:58	CMR
Bis(2-chloroethyl)ether	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 19:58	CMR
Bis(2-chloroisopropyl)ether	ND	10	µg/L	1	R-05	SW-846 8270D	11/13/12	11/13/12 19:58	CMR
Bis(2-Ethylhexyl)phthalate	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 19:58	CMR
4-Bromophenylphenylether	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 19:58	CMR
Butylbenzylphthalate	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 19:58	CMR
Carbazole	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 19:58	CMR
4-Chloroaniline	ND	10	µg/L	1	R-05	SW-846 8270D	11/13/12	11/13/12 19:58	CMR
4-Chloro-3-methylphenol	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 19:58	CMR
2-Chloronaphthalene	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 19:58	CMR
2-Chlorophenol	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 19:58	CMR
4-Chlorophenylphenylether	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 19:58	CMR
Chrysene	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 19:58	CMR
Dibenz(a,h)anthracene	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 19:58	CMR
Dibenzofuran	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 19:58	CMR
Di-n-butylphthalate	ND	10	µg/L	1	V-05	SW-846 8270D	11/13/12	11/13/12 19:58	CMR
1,2-Dichlorobenzene	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 19:58	CMR
1,3-Dichlorobenzene	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 19:58	CMR
1,4-Dichlorobenzene	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 19:58	CMR
3,3-Dichlorobenzidine	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 19:58	CMR
2,4-Dichlorophenol	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 19:58	CMR
Diethylphthalate	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 19:58	CMR
2,4-Dimethylphenol	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 19:58	CMR
Dimethylphthalate	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 19:58	CMR
4,6-Dinitro-2-methylphenol	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 19:58	CMR
2,4-Dinitrophenol	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 19:58	CMR
2,4-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 19:58	CMR
2,6-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 19:58	CMR
Di-n-octylphthalate	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 19:58	CMR
1,2-Diphenylhydrazine (as Azobenzene)	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 19:58	CMR
Fluoranthene	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 19:58	CMR
Fluorene	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 19:58	CMR

Project Location: 203 9th St, Brooklyn, NY

Sample Description:

Work Order: 12K0407

Date Received: 11/12/2012

Field Sample #: TRC-GW-1

Sampled: 11/12/2012 12:00

Sample ID: 12K0407-03

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 19:58	CMR
Hexachlorobutadiene	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 19:58	CMR
Hexachlorocyclopentadiene	ND	10	µg/L	1	V-05	SW-846 8270D	11/13/12	11/13/12 19:58	CMR
Hexachloroethane	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 19:58	CMR
Indeno(1,2,3-cd)pyrene	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 19:58	CMR
Isophorone	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 19:58	CMR
1-Methylnaphthalene	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 19:58	CMR
2-Methylnaphthalene	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 19:58	CMR
2-Methylphenol	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 19:58	CMR
3/4-Methylphenol	ND	10	µg/L	1	R-05	SW-846 8270D	11/13/12	11/13/12 19:58	CMR
Naphthalene	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 19:58	CMR
2-Nitroaniline	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 19:58	CMR
3-Nitroaniline	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 19:58	CMR
4-Nitroaniline	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 19:58	CMR
Nitrobenzene	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 19:58	CMR
2-Nitrophenol	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 19:58	CMR
4-Nitrophenol	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 19:58	CMR
N-Nitrosodimethylamine	ND	5.0	µg/L	1	R-05	SW-846 8270D	11/13/12	11/13/12 19:58	CMR
N-Nitrosodiphenylamine	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 19:58	CMR
N-Nitrosodi-n-propylamine	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 19:58	CMR
Pentachloronitrobenzene	ND	10	µg/L	1	V-16	SW-846 8270D	11/13/12	11/13/12 19:58	CMR
Pentachlorophenol	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 19:58	CMR
Phenanthrene	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 19:58	CMR
Phenol	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 19:58	CMR
Pyrene	ND	5.0	µg/L	1	R-05	SW-846 8270D	11/13/12	11/13/12 19:58	CMR
Pyridine	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 19:58	CMR
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 19:58	CMR
1,2,4-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 19:58	CMR
2,4,5-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 19:58	CMR
2,4,6-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 19:58	CMR
Surrogates	% Recovery	Recovery Limits	Flag						
2-Fluorophenol	46.0	15-110							
Phenol-d6	31.2	15-110							
Nitrobenzene-d5	80.4	30-130							
2-Fluorobiphenyl	72.5	30-130							
2,4,6-Tribromophenol	98.2	15-110							
Terphenyl-d14	69.1	30-130							

Project Location: 203 9th St, Brooklyn, NY

Sample Description:

Work Order: 12K0407

Date Received: 11/12/2012

Field Sample #: TRC-GW-1

Sampled: 11/12/2012 12:00

Sample ID: 12K0407-03

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	0.39	0.050	mg/L	1		SW-846 6010C	11/13/12	11/14/12 17:21	OP
Antimony	ND	5.0	µg/L	5		SW-846 6020A	11/13/12	11/14/12 12:14	KSH
Arsenic	ND	2.0	µg/L	5		SW-846 6020A	11/13/12	11/14/12 12:14	KSH
Barium	69	50	µg/L	5		SW-846 6020A	11/13/12	11/14/12 12:14	KSH
Beryllium	ND	2.0	µg/L	5		SW-846 6020A	11/13/12	11/14/12 12:14	KSH
Cadmium	ND	2.5	µg/L	5		SW-846 6020A	11/13/12	11/14/12 12:14	KSH
Calcium	45	0.15	mg/L	1	MS-19	SW-846 6010C	11/13/12	11/14/12 17:21	OP
Chromium	34	5.0	µg/L	5		SW-846 6020A	11/13/12	11/14/12 12:14	KSH
Cobalt	ND	5.0	µg/L	5		SW-846 6020A	11/13/12	11/14/12 12:14	KSH
Copper	ND	25	µg/L	5		SW-846 6020A	11/13/12	11/14/12 12:14	KSH
Iron	0.73	0.050	mg/L	1		SW-846 6010C	11/13/12	11/14/12 17:21	OP
Lead	ND	5.0	µg/L	5		SW-846 6020A	11/13/12	11/14/12 12:14	KSH
Magnesium	18	0.15	mg/L	1	MS-19	SW-846 6010C	11/13/12	11/14/12 17:21	OP
Manganese	250	5.0	µg/L	5		SW-846 6020A	11/13/12	11/14/12 15:56	KSH
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	11/14/12	11/14/12 12:23	SAJ
Nickel	ND	25	µg/L	5		SW-846 6020A	11/13/12	11/14/12 12:14	KSH
Potassium	4.7	2.0	mg/L	1		SW-846 6010C	11/13/12	11/14/12 17:21	OP
Selenium	ND	25	µg/L	5		SW-846 6020A	11/13/12	11/14/12 12:14	KSH
Silver	ND	2.5	µg/L	5		SW-846 6020A	11/13/12	11/14/12 12:14	KSH
Sodium	27	2.0	mg/L	1	MS-19	SW-846 6010C	11/13/12	11/14/12 17:21	OP
Thallium	ND	1.0	µg/L	5		SW-846 6020A	11/13/12	11/14/12 12:14	KSH
Vanadium	ND	25	µg/L	5		SW-846 6020A	11/13/12	11/14/12 12:14	KSH
Zinc	ND	50	µg/L	5		SW-846 6020A	11/13/12	11/14/12 12:14	KSH

Project Location: 203 9th St, Brooklyn, NY

Sample Description:

Work Order: 12K0407

Date Received: 11/12/2012

Field Sample #: TRC-GW-1

Sampled: 11/12/2012 12:00

Sample ID: 12K0407-03

Sample Matrix: Ground Water

Metals Analyses (Dissolved)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	ND	0.050	mg/L	1		SW-846 6010C	11/14/12	11/15/12 11:47	OP
Antimony	ND	5.0	µg/L	5		SW-846 6020A	11/14/12	11/15/12 13:23	KSH
Arsenic	ND	2.0	µg/L	5		SW-846 6020A	11/14/12	11/15/12 13:23	KSH
Barium	59	50	µg/L	5		SW-846 6020A	11/14/12	11/15/12 13:23	KSH
Beryllium	ND	2.0	µg/L	5		SW-846 6020A	11/14/12	11/15/12 13:23	KSH
Cadmium	ND	2.5	µg/L	5		SW-846 6020A	11/14/12	11/15/12 13:23	KSH
Calcium	46	0.15	mg/L	1	MS-19	SW-846 6010C	11/14/12	11/15/12 11:47	OP
Chromium	23	5.0	µg/L	5		SW-846 6020A	11/14/12	11/15/12 13:23	KSH
Cobalt	ND	5.0	µg/L	5		SW-846 6020A	11/14/12	11/15/12 13:23	KSH
Copper	ND	25	µg/L	5		SW-846 6020A	11/14/12	11/15/12 13:23	KSH
Iron	ND	0.050	mg/L	1		SW-846 6010C	11/14/12	11/15/12 11:47	OP
Lead	ND	5.0	µg/L	5		SW-846 6020A	11/14/12	11/15/12 13:23	KSH
Magnesium	19	0.15	mg/L	1		SW-846 6010C	11/14/12	11/15/12 11:47	OP
Manganese	190	5.0	µg/L	5		SW-846 6020A	11/14/12	11/15/12 13:23	KSH
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	11/14/12	11/14/12 15:08	SAJ
Nickel	ND	25	µg/L	5		SW-846 6020A	11/14/12	11/15/12 13:23	KSH
Potassium	4.6	2.0	mg/L	1		SW-846 6010C	11/14/12	11/15/12 11:47	OP
Selenium	ND	25	µg/L	5		SW-846 6020A	11/14/12	11/15/12 13:23	KSH
Silver	ND	2.5	µg/L	5		SW-846 6020A	11/14/12	11/15/12 13:23	KSH
Sodium	28	2.0	mg/L	1		SW-846 6010C	11/14/12	11/15/12 11:47	OP
Thallium	ND	1.0	µg/L	5		SW-846 6020A	11/14/12	11/15/12 13:23	KSH
Vanadium	ND	25	µg/L	5		SW-846 6020A	11/14/12	11/15/12 13:23	KSH
Zinc	ND	50	µg/L	5		SW-846 6020A	11/14/12	11/15/12 13:23	KSH

Project Location: 203 9th St, Brooklyn, NY

Sample Description:

Work Order: 12K0407

Date Received: 11/12/2012

Field Sample #: TRC-DUP-1

Sampled: 11/12/2012 12:10

Sample ID: 12K0407-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:12	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:12	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:12	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:12	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:12	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:12	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:12	LBD
Bromoform	ND	1.0	µg/L	1	R-05	SW-846 8260C	11/13/12	11/13/12 17:12	LBD
Bromomethane	ND	2.0	µg/L	1	R-05	SW-846 8260C	11/13/12	11/13/12 17:12	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:12	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	R-05	SW-846 8260C	11/13/12	11/13/12 17:12	LBD
n-Butylbenzene	ND	5.0	µg/L	1	V-05	SW-846 8260C	11/13/12	11/13/12 17:12	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:12	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:12	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:12	LBD
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:12	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:12	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:12	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:12	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:12	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:12	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:12	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:12	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:12	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260C	11/13/12	11/13/12 17:12	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:12	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:12	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:12	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1	R-05	SW-846 8260C	11/13/12	11/13/12 17:12	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:12	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:12	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:12	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:12	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:12	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:12	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:12	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:12	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:12	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:12	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:12	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:12	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:12	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:12	LBD
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:12	LBD

Project Location: 203 9th St, Brooklyn, NY

Sample Description:

Work Order: 12K0407

Date Received: 11/12/2012

Field Sample #: TRC-DUP-1

Sampled: 11/12/2012 12:10

Sample ID: 12K0407-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:12	LBD
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	11/13/12	11/13/12 17:12	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:12	LBD
Hexachlorobutadiene	ND	0.50	µg/L	1	V-05	SW-846 8260C	11/13/12	11/13/12 17:12	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:12	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:12	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:12	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:12	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:12	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:12	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:12	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:12	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:12	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:12	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:12	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:12	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:12	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:12	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:12	LBD
1,2,4-Trichlorobenzene	ND	2.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:12	LBD
1,3,5-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:12	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:12	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:12	LBD
Trichloroethylene	9.2	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:12	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:12	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1	R-05	SW-846 8260C	11/13/12	11/13/12 17:12	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:12	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:12	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:12	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:12	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:12	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:12	LBD

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	102	70-130	
Toluene-d8	102	70-130	
4-Bromofluorobenzene	89.2	70-130	

Project Location: 203 9th St, Brooklyn, NY

Sample Description:

Work Order: 12K0407

Date Received: 11/12/2012

Field Sample #: TRC-DUP-1

Sampled: 11/12/2012 12:10

Sample ID: 12K0407-04

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 20:29	CMR
Acenaphthylene	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 20:29	CMR
Acetophenone	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 20:29	CMR
Aniline	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 20:29	CMR
Anthracene	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 20:29	CMR
Benzidine	ND	10	µg/L	1	R-05, V-05	SW-846 8270D	11/13/12	11/13/12 20:29	CMR
Benzo(a)anthracene	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 20:29	CMR
Benzo(a)pyrene	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 20:29	CMR
Benzo(b)fluoranthene	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 20:29	CMR
Benzo(g,h,i)perylene	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 20:29	CMR
Benzo(k)fluoranthene	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 20:29	CMR
Benzoic Acid	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 20:29	CMR
Bis(2-chloroethoxy)methane	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 20:29	CMR
Bis(2-chloroethyl)ether	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 20:29	CMR
Bis(2-chloroisopropyl)ether	ND	10	µg/L	1	R-05	SW-846 8270D	11/13/12	11/13/12 20:29	CMR
Bis(2-Ethylhexyl)phthalate	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 20:29	CMR
4-Bromophenylphenylether	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 20:29	CMR
Butylbenzylphthalate	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 20:29	CMR
Carbazole	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 20:29	CMR
4-Chloroaniline	ND	10	µg/L	1	R-05	SW-846 8270D	11/13/12	11/13/12 20:29	CMR
4-Chloro-3-methylphenol	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 20:29	CMR
2-Chloronaphthalene	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 20:29	CMR
2-Chlorophenol	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 20:29	CMR
4-Chlorophenylphenylether	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 20:29	CMR
Chrysene	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 20:29	CMR
Dibenz(a,h)anthracene	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 20:29	CMR
Dibenzofuran	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 20:29	CMR
Di-n-butylphthalate	ND	10	µg/L	1	V-05	SW-846 8270D	11/13/12	11/13/12 20:29	CMR
1,2-Dichlorobenzene	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 20:29	CMR
1,3-Dichlorobenzene	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 20:29	CMR
1,4-Dichlorobenzene	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 20:29	CMR
3,3-Dichlorobenzidine	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 20:29	CMR
2,4-Dichlorophenol	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 20:29	CMR
Diethylphthalate	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 20:29	CMR
2,4-Dimethylphenol	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 20:29	CMR
Dimethylphthalate	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 20:29	CMR
4,6-Dinitro-2-methylphenol	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 20:29	CMR
2,4-Dinitrophenol	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 20:29	CMR
2,4-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 20:29	CMR
2,6-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 20:29	CMR
Di-n-octylphthalate	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 20:29	CMR
1,2-Diphenylhydrazine (as Azobenzene)	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 20:29	CMR
Fluoranthene	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 20:29	CMR
Fluorene	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 20:29	CMR

Project Location: 203 9th St, Brooklyn, NY

Sample Description:

Work Order: 12K0407

Date Received: 11/12/2012

Field Sample #: TRC-DUP-1

Sampled: 11/12/2012 12:10

Sample ID: 12K0407-04

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 20:29	CMR
Hexachlorobutadiene	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 20:29	CMR
Hexachlorocyclopentadiene	ND	10	µg/L	1	V-05	SW-846 8270D	11/13/12	11/13/12 20:29	CMR
Hexachloroethane	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 20:29	CMR
Indeno(1,2,3-cd)pyrene	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 20:29	CMR
Isophorone	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 20:29	CMR
1-Methylnaphthalene	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 20:29	CMR
2-Methylnaphthalene	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 20:29	CMR
2-Methylphenol	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 20:29	CMR
3/4-Methylphenol	ND	10	µg/L	1	R-05	SW-846 8270D	11/13/12	11/13/12 20:29	CMR
Naphthalene	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 20:29	CMR
2-Nitroaniline	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 20:29	CMR
3-Nitroaniline	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 20:29	CMR
4-Nitroaniline	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 20:29	CMR
Nitrobenzene	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 20:29	CMR
2-Nitrophenol	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 20:29	CMR
4-Nitrophenol	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 20:29	CMR
N-Nitrosodimethylamine	ND	5.0	µg/L	1	R-05	SW-846 8270D	11/13/12	11/13/12 20:29	CMR
N-Nitrosodiphenylamine	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 20:29	CMR
N-Nitrosodi-n-propylamine	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 20:29	CMR
Pentachloronitrobenzene	ND	10	µg/L	1	V-16	SW-846 8270D	11/13/12	11/13/12 20:29	CMR
Pentachlorophenol	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 20:29	CMR
Phenanthrene	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 20:29	CMR
Phenol	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 20:29	CMR
Pyrene	ND	5.0	µg/L	1	R-05	SW-846 8270D	11/13/12	11/13/12 20:29	CMR
Pyridine	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 20:29	CMR
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 20:29	CMR
1,2,4-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 20:29	CMR
2,4,5-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 20:29	CMR
2,4,6-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 20:29	CMR
Surrogates	% Recovery	Recovery Limits	Flag						
2-Fluorophenol	48.6	15-110							
Phenol-d6	32.8	15-110							
Nitrobenzene-d5	83.2	30-130							
2-Fluorobiphenyl	74.3	30-130							
2,4,6-Tribromophenol	91.0	15-110							
Terphenyl-d14	70.9	30-130							

Project Location: 203 9th St, Brooklyn, NY

Sample Description:

Work Order: 12K0407

Date Received: 11/12/2012

Field Sample #: TRC-DUP-1

Sampled: 11/12/2012 12:10

Sample ID: 12K0407-04

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	0.42	0.050	mg/L	1		SW-846 6010C	11/13/12	11/14/12 17:45	OP
Antimony	ND	5.0	µg/L	5		SW-846 6020A	11/13/12	11/14/12 13:23	KSH
Arsenic	ND	2.0	µg/L	5		SW-846 6020A	11/13/12	11/14/12 13:23	KSH
Barium	67	50	µg/L	5		SW-846 6020A	11/13/12	11/14/12 13:23	KSH
Beryllium	ND	2.0	µg/L	5		SW-846 6020A	11/13/12	11/14/12 13:23	KSH
Cadmium	ND	2.5	µg/L	5		SW-846 6020A	11/13/12	11/14/12 13:23	KSH
Calcium	46	0.15	mg/L	1		SW-846 6010C	11/13/12	11/14/12 17:45	OP
Chromium	33	5.0	µg/L	5		SW-846 6020A	11/13/12	11/14/12 13:23	KSH
Cobalt	ND	5.0	µg/L	5		SW-846 6020A	11/13/12	11/14/12 13:23	KSH
Copper	ND	25	µg/L	5		SW-846 6020A	11/13/12	11/14/12 13:23	KSH
Iron	0.80	0.050	mg/L	1		SW-846 6010C	11/13/12	11/14/12 17:45	OP
Lead	ND	5.0	µg/L	5		SW-846 6020A	11/13/12	11/14/12 13:23	KSH
Magnesium	19	0.15	mg/L	1		SW-846 6010C	11/13/12	11/14/12 17:45	OP
Manganese	250	5.0	µg/L	5		SW-846 6020A	11/13/12	11/14/12 15:59	KSH
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	11/14/12	11/14/12 12:24	SAJ
Nickel	ND	25	µg/L	5		SW-846 6020A	11/13/12	11/14/12 13:23	KSH
Potassium	4.8	2.0	mg/L	1		SW-846 6010C	11/13/12	11/14/12 17:45	OP
Selenium	ND	25	µg/L	5		SW-846 6020A	11/13/12	11/14/12 13:23	KSH
Silver	ND	2.5	µg/L	5		SW-846 6020A	11/13/12	11/14/12 13:23	KSH
Sodium	28	2.0	mg/L	1		SW-846 6010C	11/13/12	11/14/12 17:45	OP
Thallium	ND	1.0	µg/L	5		SW-846 6020A	11/13/12	11/14/12 13:23	KSH
Vanadium	ND	25	µg/L	5		SW-846 6020A	11/13/12	11/14/12 13:23	KSH
Zinc	ND	50	µg/L	5		SW-846 6020A	11/13/12	11/14/12 13:23	KSH

Project Location: 203 9th St, Brooklyn, NY

Sample Description:

Work Order: 12K0407

Date Received: 11/12/2012

Field Sample #: TRC-SB-2 (1-4ft)

Sampled: 11/12/2012 13:00

Sample ID: 12K0407-05

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.13	mg/Kg dry	1	V-16	SW-846 8260C	11/13/12	11/13/12 14:04	MFF
Acrylonitrile	ND	0.0078	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:04	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:04	MFF
Benzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:04	MFF
Bromobenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:04	MFF
Bromochloromethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:04	MFF
Bromodichloromethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:04	MFF
Bromoform	ND	0.0026	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:04	MFF
Bromomethane	ND	0.013	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:04	MFF
2-Butanone (MEK)	ND	0.052	mg/Kg dry	1	V-16	SW-846 8260C	11/13/12	11/13/12 14:04	MFF
tert-Butyl Alcohol (TBA)	ND	0.052	mg/Kg dry	1	V-05, V-16	SW-846 8260C	11/13/12	11/13/12 14:04	MFF
n-Butylbenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:04	MFF
sec-Butylbenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:04	MFF
tert-Butylbenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:04	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0026	mg/Kg dry	1	V-05	SW-846 8260C	11/13/12	11/13/12 14:04	MFF
Carbon Disulfide	ND	0.0078	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:04	MFF
Carbon Tetrachloride	ND	0.0026	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:04	MFF
Chlorobenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:04	MFF
Chlorodibromomethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:04	MFF
Chloroethane	ND	0.026	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:04	MFF
Chloroform	ND	0.0052	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:04	MFF
Chloromethane	ND	0.013	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:04	MFF
2-Chlorotoluene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:04	MFF
4-Chlorotoluene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:04	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0026	mg/Kg dry	1	V-16	SW-846 8260C	11/13/12	11/13/12 14:04	MFF
1,2-Dibromoethane (EDB)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:04	MFF
Dibromomethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:04	MFF
1,2-Dichlorobenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:04	MFF
1,3-Dichlorobenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:04	MFF
1,4-Dichlorobenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:04	MFF
trans-1,4-Dichloro-2-butene	ND	0.0052	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:04	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.026	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:04	MFF
1,1-Dichloroethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:04	MFF
1,2-Dichloroethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:04	MFF
1,1-Dichloroethylene	ND	0.0052	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:04	MFF
cis-1,2-Dichloroethylene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:04	MFF
trans-1,2-Dichloroethylene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:04	MFF
1,2-Dichloropropane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:04	MFF
1,3-Dichloropropane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:04	MFF
2,2-Dichloropropane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:04	MFF
1,1-Dichloropropene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:04	MFF
cis-1,3-Dichloropropene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:04	MFF
trans-1,3-Dichloropropene	ND	0.0013	mg/Kg dry	1	V-05	SW-846 8260C	11/13/12	11/13/12 14:04	MFF
Diethyl Ether	ND	0.026	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:04	MFF

Project Location: 203 9th St, Brooklyn, NY

Sample Description:

Work Order: 12K0407

Date Received: 11/12/2012

Field Sample #: TRC-SB-2 (1-4ft)

Sampled: 11/12/2012 13:00

Sample ID: 12K0407-05

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:04	MFF
1,4-Dioxane	ND	0.13	mg/Kg dry	1	V-16	SW-846 8260C	11/13/12	11/13/12 14:04	MFF
Ethylbenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:04	MFF
Hexachlorobutadiene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:04	MFF
2-Hexanone (MBK)	ND	0.026	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:04	MFF
Isopropylbenzene (Cumene)	ND	0.0026	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:04	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0026	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:04	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0052	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:04	MFF
Methylene Chloride	ND	0.026	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:04	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.026	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:04	MFF
Naphthalene	ND	0.0052	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:04	MFF
n-Propylbenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:04	MFF
Styrene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:04	MFF
1,1,1,2-Tetrachloroethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:04	MFF
1,1,2,2-Tetrachloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:04	MFF
Tetrachloroethylene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:04	MFF
Tetrahydrofuran	ND	0.013	mg/Kg dry	1	V-16	SW-846 8260C	11/13/12	11/13/12 14:04	MFF
Toluene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:04	MFF
1,2,3-Trichlorobenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:04	MFF
1,2,4-Trichlorobenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:04	MFF
1,3,5-Trichlorobenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:04	MFF
1,1,1-Trichloroethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:04	MFF
1,1,2-Trichloroethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:04	MFF
Trichloroethylene	0.0063	0.0026	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:04	MFF
Trichlorofluoromethane (Freon 11)	ND	0.013	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:04	MFF
1,2,3-Trichloropropane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:04	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.013	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:04	MFF
1,2,4-Trimethylbenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:04	MFF
1,3,5-Trimethylbenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:04	MFF
Vinyl Chloride	ND	0.013	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:04	MFF
m+p Xylene	ND	0.0052	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:04	MFF
o-Xylene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:04	MFF

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	111	70-130	
Toluene-d8	102	70-130	
4-Bromofluorobenzene	96.3	70-130	

Project Location: 203 9th St, Brooklyn, NY

Sample Description:

Work Order: 12K0407

Date Received: 11/12/2012

Field Sample #: TRC-SB-2 (1-4ft)

Sampled: 11/12/2012 13:00

Sample ID: 12K0407-05

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:00	CMR
Acenaphthylene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:00	CMR
Acetophenone	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:00	CMR
Aniline	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:00	CMR
Anthracene	ND	0.20	mg/Kg dry	1	V-05	SW-846 8270D	11/13/12	11/14/12 19:00	CMR
Benzidine	ND	0.40	mg/Kg dry	1	V-05	SW-846 8270D	11/13/12	11/14/12 19:00	CMR
Benzo(a)anthracene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:00	CMR
Benzo(a)pyrene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:00	CMR
Benzo(b)fluoranthene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:00	CMR
Benzo(g,h,i)perylene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:00	CMR
Benzo(k)fluoranthene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:00	CMR
Benzoic Acid	ND	1.2	mg/Kg dry	1	L-04	SW-846 8270D	11/13/12	11/14/12 19:00	CMR
Bis(2-chloroethoxy)methane	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:00	CMR
Bis(2-chloroethyl)ether	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:00	CMR
Bis(2-chloroisopropyl)ether	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:00	CMR
Bis(2-Ethylhexyl)phthalate	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:00	CMR
4-Bromophenylphenylether	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:00	CMR
Butylbenzylphthalate	ND	0.79	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:00	CMR
Carbazole	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:00	CMR
4-Chloroaniline	ND	0.79	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:00	CMR
4-Chloro-3-methylphenol	ND	0.79	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:00	CMR
2-Chloronaphthalene	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:00	CMR
2-Chlorophenol	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:00	CMR
4-Chlorophenylphenylether	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:00	CMR
Chrysene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:00	CMR
Dibenz(a,h)anthracene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:00	CMR
Dibenzofuran	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:00	CMR
Di-n-butylphthalate	ND	0.40	mg/Kg dry	1	V-05	SW-846 8270D	11/13/12	11/14/12 19:00	CMR
1,2-Dichlorobenzene	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:00	CMR
1,3-Dichlorobenzene	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:00	CMR
1,4-Dichlorobenzene	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:00	CMR
3,3-Dichlorobenzidine	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:00	CMR
2,4-Dichlorophenol	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:00	CMR
Diethylphthalate	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:00	CMR
2,4-Dimethylphenol	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:00	CMR
Dimethylphthalate	ND	0.79	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:00	CMR
4,6-Dinitro-2-methylphenol	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:00	CMR
2,4-Dinitrophenol	ND	0.79	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:00	CMR
2,4-Dinitrotoluene	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:00	CMR
2,6-Dinitrotoluene	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:00	CMR
Di-n-octylphthalate	ND	0.79	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:00	CMR
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:00	CMR
Fluoranthene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:00	CMR
Fluorene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:00	CMR

Project Location: 203 9th St, Brooklyn, NY

Sample Description:

Work Order: 12K0407

Date Received: 11/12/2012

Field Sample #: TRC-SB-2 (1-4ft)

Sampled: 11/12/2012 13:00

Sample ID: 12K0407-05

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:00	CMR
Hexachlorobutadiene	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:00	CMR
Hexachlorocyclopentadiene	ND	0.79	mg/Kg dry	1	V-05	SW-846 8270D	11/13/12	11/14/12 19:00	CMR
Hexachloroethane	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:00	CMR
Indeno(1,2,3-cd)pyrene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:00	CMR
Isophorone	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:00	CMR
1-Methylnaphthalene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:00	CMR
2-Methylnaphthalene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:00	CMR
2-Methylphenol	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:00	CMR
3/4-Methylphenol	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:00	CMR
Naphthalene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:00	CMR
2-Nitroaniline	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:00	CMR
3-Nitroaniline	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:00	CMR
4-Nitroaniline	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:00	CMR
Nitrobenzene	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:00	CMR
2-Nitrophenol	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:00	CMR
4-Nitrophenol	ND	0.79	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:00	CMR
N-Nitrosodimethylamine	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:00	CMR
N-Nitrosodiphenylamine	ND	0.40	mg/Kg dry	1	L-01	SW-846 8270D	11/13/12	11/14/12 19:00	CMR
N-Nitrosodi-n-propylamine	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:00	CMR
Pentachloronitrobenzene	ND	0.40	mg/Kg dry	1	V-16	SW-846 8270D	11/13/12	11/14/12 19:00	CMR
Pentachlorophenol	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:00	CMR
Phenanthrene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:00	CMR
Phenol	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:00	CMR
Pyrene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:00	CMR
Pyridine	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:00	CMR
1,2,4,5-Tetrachlorobenzene	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:00	CMR
1,2,4-Trichlorobenzene	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:00	CMR
2,4,5-Trichlorophenol	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:00	CMR
2,4,6-Trichlorophenol	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:00	CMR
Surrogates	% Recovery	Recovery Limits	Flag						
2-Fluorophenol	81.7	30-130						11/14/12 19:00	
Phenol-d6	74.8	30-130						11/14/12 19:00	
Nitrobenzene-d5	66.3	30-130						11/14/12 19:00	
2-Fluorobiphenyl	59.1	30-130						11/14/12 19:00	
2,4,6-Tribromophenol	68.8	30-130						11/14/12 19:00	
Terphenyl-d14	57.1	30-130						11/14/12 19:00	

Project Location: 203 9th St, Brooklyn, NY

Sample Description:

Work Order: 12K0407

Date Received: 11/12/2012

Field Sample #: TRC-SB-2 (1-4ft)

Sampled: 11/12/2012 13:00

Sample ID: 12K0407-05

Sample Matrix: Soil

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Alachlor [1]	ND	0.024	mg/Kg dry	1		SW-846 8081B	11/13/12	11/14/12 18:42	PJG
Aldrin [1]	ND	0.0060	mg/Kg dry	1		SW-846 8081B	11/13/12	11/14/12 18:42	PJG
alpha-BHC [1]	ND	0.0060	mg/Kg dry	1		SW-846 8081B	11/13/12	11/14/12 18:42	PJG
beta-BHC [1]	ND	0.0060	mg/Kg dry	1		SW-846 8081B	11/13/12	11/14/12 18:42	PJG
delta-BHC [1]	ND	0.0060	mg/Kg dry	1		SW-846 8081B	11/13/12	11/14/12 18:42	PJG
gamma-BHC (Lindane) [2]	ND	0.0024	mg/Kg dry	1		SW-846 8081B	11/13/12	11/14/12 18:42	PJG
Chlordane [1]	ND	0.024	mg/Kg dry	1		SW-846 8081B	11/13/12	11/14/12 18:42	PJG
4,4'-DDD [1]	ND	0.0048	mg/Kg dry	1		SW-846 8081B	11/13/12	11/14/12 18:42	PJG
4,4'-DDE [1]	ND	0.0048	mg/Kg dry	1		SW-846 8081B	11/13/12	11/14/12 18:42	PJG
4,4'-DDT [1]	ND	0.0048	mg/Kg dry	1		SW-846 8081B	11/13/12	11/14/12 18:42	PJG
Dieldrin [1]	ND	0.0048	mg/Kg dry	1		SW-846 8081B	11/13/12	11/14/12 18:42	PJG
Endosulfan I [1]	ND	0.0060	mg/Kg dry	1		SW-846 8081B	11/13/12	11/14/12 18:42	PJG
Endosulfan II [1]	ND	0.0096	mg/Kg dry	1		SW-846 8081B	11/13/12	11/14/12 18:42	PJG
Endosulfan sulfate [1]	ND	0.0096	mg/Kg dry	1		SW-846 8081B	11/13/12	11/14/12 18:42	PJG
Endrin [1]	ND	0.0096	mg/Kg dry	1		SW-846 8081B	11/13/12	11/14/12 18:42	PJG
Endrin aldehyde [1]	ND	0.0096	mg/Kg dry	1		SW-846 8081B	11/13/12	11/14/12 18:42	PJG
Endrin ketone [1]	ND	0.0096	mg/Kg dry	1		SW-846 8081B	11/13/12	11/14/12 18:42	PJG
Heptachlor [1]	ND	0.0060	mg/Kg dry	1		SW-846 8081B	11/13/12	11/14/12 18:42	PJG
Heptachlor epoxide [1]	ND	0.0060	mg/Kg dry	1		SW-846 8081B	11/13/12	11/14/12 18:42	PJG
Hexachlorobenzene [1]	ND	0.0072	mg/Kg dry	1		SW-846 8081B	11/13/12	11/14/12 18:42	PJG
Methoxychlor [1]	ND	0.060	mg/Kg dry	1		SW-846 8081B	11/13/12	11/14/12 18:42	PJG
Toxaphene [1]	ND	0.12	mg/Kg dry	1		SW-846 8081B	11/13/12	11/14/12 18:42	PJG
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	70.2	30-150							
Decachlorobiphenyl [2]	63.9	30-150							
Tetrachloro-m-xylene [1]	74.6	30-150							
Tetrachloro-m-xylene [2]	71.5	30-150							

Project Location: 203 9th St, Brooklyn, NY

Sample Description:

Work Order: 12K0407

Date Received: 11/12/2012

Field Sample #: TRC-SB-2 (1-4ft)

Sampled: 11/12/2012 13:00

Sample ID: 12K0407-05

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/14/12	11/17/12 0:05	JMB
Aroclor-1221 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/14/12	11/17/12 0:05	JMB
Aroclor-1232 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/14/12	11/17/12 0:05	JMB
Aroclor-1242 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/14/12	11/17/12 0:05	JMB
Aroclor-1248 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/14/12	11/17/12 0:05	JMB
Aroclor-1254 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/14/12	11/17/12 0:05	JMB
Aroclor-1260 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/14/12	11/17/12 0:05	JMB
Aroclor-1262 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/14/12	11/17/12 0:05	JMB
Aroclor-1268 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/14/12	11/17/12 0:05	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	112	30-150							
Decachlorobiphenyl [2]	85.7	30-150							
Tetrachloro-m-xylene [1]	82.3	30-150							
Tetrachloro-m-xylene [2]	88.8	30-150							

Project Location: 203 9th St, Brooklyn, NY

Sample Description:

Work Order: 12K0407

Date Received: 11/12/2012

Field Sample #: TRC-SB-2 (1-4ft)

Sampled: 11/12/2012 13:00

Sample ID: 12K0407-05

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Gasoline Range Organics (GRO)	ND	1.5	mg/Kg dry	1		SW-846 8015C	11/13/12	11/14/12 4:34	EEH
Diesel Range Organics	ND	9.9	mg/Kg dry	1		SW-846 8015C	11/14/12	11/15/12 14:11	SCS
Surrogates	% Recovery		Recovery Limits		Flag				
1-Chloro-3-fluorobenzene	97.4		70-130					11/14/12 4:34	
o-Terphenyl	77.6		40-140					11/15/12 14:11	

Project Location: 203 9th St, Brooklyn, NY

Sample Description:

Work Order: 12K0407

Date Received: 11/12/2012

Field Sample #: TRC-SB-2 (1-4ft)

Sampled: 11/12/2012 13:00

Sample ID: 12K0407-05

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	4200	2.9	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:23	OP
Antimony	ND	2.9	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:23	OP
Arsenic	3.7	2.9	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:23	OP
Barium	26	2.9	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:23	OP
Beryllium	ND	0.29	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:23	OP
Cadmium	0.32	0.29	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:23	OP
Calcium	580	8.8	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:23	OP
Chromium	120	0.59	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:23	OP
Cobalt	3.3	2.9	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:23	OP
Copper	38	0.59	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:23	OP
Iron	10000	2.9	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:23	OP
Lead	27	0.88	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:23	OP
Magnesium	1400	8.8	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:23	OP
Manganese	91	0.59	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:23	OP
Mercury	ND	0.029	mg/Kg dry	1		SW-846 7471B	11/14/12	11/15/12 13:26	SAJ
Nickel	9.0	0.59	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:23	OP
Potassium	590	120	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:23	OP
Selenium	ND	2.9	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:23	OP
Silver	ND	0.59	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:23	OP
Sodium	ND	120	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:23	OP
Thallium	ND	2.9	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:23	OP
Vanadium	14	1.2	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:23	OP
Zinc	74	1.2	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:23	OP

Project Location: 203 9th St, Brooklyn, NY

Sample Description:

Work Order: 12K0407

Date Received: 11/12/2012

Field Sample #: TRC-SB-2 (1-4ft)

Sampled: 11/12/2012 13:00

Sample ID: 12K0407-05

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	0.59	0.49	mg/Kg dry	1		SW-846 9014	11/16/12	11/16/12 11:30	VAK
Hexavalent Chromium	0.27	0.19	mg/Kg dry	1	MS-16	SW-846 7196A	11/16/12	11/17/12 12:00	AED
Oxidation/Reduction Potential	75		mV	1		SM2580 A	11/13/12	11/13/12 7:45	LL
pH @22.4°C	8.1		pH Units	1		SW-846 9045C	11/13/12	11/13/12 7:45	LL
% Solids	83.4		% Wt	1		SM 2540G	11/13/12	11/14/12 11:51	RH

Project Location: 203 9th St, Brooklyn, NY

Sample Description:

Work Order: 12K0407

Date Received: 11/12/2012

Field Sample #: TRC-SB-2 (15-16ft)

Sampled: 11/12/2012 13:25

Sample ID: 12K0407-06

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.12	mg/Kg dry	1	V-16	SW-846 8260C	11/13/12	11/13/12 14:31	MFF
Acrylonitrile	ND	0.0071	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:31	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:31	MFF
Benzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:31	MFF
Bromobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:31	MFF
Bromochloromethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:31	MFF
Bromodichloromethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:31	MFF
Bromoform	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:31	MFF
Bromomethane	ND	0.012	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:31	MFF
2-Butanone (MEK)	ND	0.048	mg/Kg dry	1	V-16	SW-846 8260C	11/13/12	11/13/12 14:31	MFF
tert-Butyl Alcohol (TBA)	ND	0.048	mg/Kg dry	1	V-05, V-16	SW-846 8260C	11/13/12	11/13/12 14:31	MFF
n-Butylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:31	MFF
sec-Butylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:31	MFF
tert-Butylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:31	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0024	mg/Kg dry	1	V-05	SW-846 8260C	11/13/12	11/13/12 14:31	MFF
Carbon Disulfide	ND	0.0071	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:31	MFF
Carbon Tetrachloride	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:31	MFF
Chlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:31	MFF
Chlorodibromomethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:31	MFF
Chloroethane	ND	0.024	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:31	MFF
Chloroform	ND	0.0048	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:31	MFF
Chloromethane	ND	0.012	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:31	MFF
2-Chlorotoluene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:31	MFF
4-Chlorotoluene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:31	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0024	mg/Kg dry	1	V-16	SW-846 8260C	11/13/12	11/13/12 14:31	MFF
1,2-Dibromoethane (EDB)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:31	MFF
Dibromomethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:31	MFF
1,2-Dichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:31	MFF
1,3-Dichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:31	MFF
1,4-Dichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:31	MFF
trans-1,4-Dichloro-2-butene	ND	0.0048	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:31	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.024	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:31	MFF
1,1-Dichloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:31	MFF
1,2-Dichloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:31	MFF
1,1-Dichloroethylene	ND	0.0048	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:31	MFF
cis-1,2-Dichloroethylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:31	MFF
trans-1,2-Dichloroethylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:31	MFF
1,2-Dichloropropane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:31	MFF
1,3-Dichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:31	MFF
2,2-Dichloropropane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:31	MFF
1,1-Dichloropropene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:31	MFF
cis-1,3-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:31	MFF
trans-1,3-Dichloropropene	ND	0.0012	mg/Kg dry	1	V-05	SW-846 8260C	11/13/12	11/13/12 14:31	MFF
Diethyl Ether	ND	0.024	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:31	MFF

Project Location: 203 9th St, Brooklyn, NY

Sample Description:

Work Order: 12K0407

Date Received: 11/12/2012

Field Sample #: TRC-SB-2 (15-16ft)

Sampled: 11/12/2012 13:25

Sample ID: 12K0407-06

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:31	MFF
1,4-Dioxane	ND	0.12	mg/Kg dry	1	V-16	SW-846 8260C	11/13/12	11/13/12 14:31	MFF
Ethylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:31	MFF
Hexachlorobutadiene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:31	MFF
2-Hexanone (MBK)	ND	0.024	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:31	MFF
Isopropylbenzene (Cumene)	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:31	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:31	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0048	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:31	MFF
Methylene Chloride	ND	0.024	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:31	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.024	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:31	MFF
Naphthalene	ND	0.0048	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:31	MFF
n-Propylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:31	MFF
Styrene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:31	MFF
1,1,1,2-Tetrachloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:31	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:31	MFF
Tetrachloroethylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:31	MFF
Tetrahydrofuran	ND	0.012	mg/Kg dry	1	V-16	SW-846 8260C	11/13/12	11/13/12 14:31	MFF
Toluene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:31	MFF
1,2,3-Trichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:31	MFF
1,2,4-Trichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:31	MFF
1,3,5-Trichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:31	MFF
1,1,1-Trichloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:31	MFF
1,1,2-Trichloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:31	MFF
Trichloroethylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:31	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:31	MFF
1,2,3-Trichloropropane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:31	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.012	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:31	MFF
1,2,4-Trimethylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:31	MFF
1,3,5-Trimethylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:31	MFF
Vinyl Chloride	ND	0.012	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:31	MFF
m+p Xylene	ND	0.0048	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:31	MFF
o-Xylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:31	MFF

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	106	70-130	11/13/12 14:31
Toluene-d8	101	70-130	11/13/12 14:31
4-Bromofluorobenzene	95.5	70-130	11/13/12 14:31

Project Location: 203 9th St, Brooklyn, NY

Sample Description:

Work Order: 12K0407

Date Received: 11/12/2012

Field Sample #: TRC-SB-2 (15-16ft)

Sampled: 11/12/2012 13:25

Sample ID: 12K0407-06

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:31	CMR
Acenaphthylene	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:31	CMR
Acetophenone	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:31	CMR
Aniline	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:31	CMR
Anthracene	ND	0.18	mg/Kg dry	1	V-05	SW-846 8270D	11/13/12	11/14/12 19:31	CMR
Benzidine	ND	0.37	mg/Kg dry	1	V-05	SW-846 8270D	11/13/12	11/14/12 19:31	CMR
Benzo(a)anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:31	CMR
Benzo(a)pyrene	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:31	CMR
Benzo(b)fluoranthene	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:31	CMR
Benzo(g,h,i)perylene	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:31	CMR
Benzo(k)fluoranthene	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:31	CMR
Benzoic Acid	ND	1.1	mg/Kg dry	1	L-04	SW-846 8270D	11/13/12	11/14/12 19:31	CMR
Bis(2-chloroethoxy)methane	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:31	CMR
Bis(2-chloroethyl)ether	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:31	CMR
Bis(2-chloroisopropyl)ether	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:31	CMR
Bis(2-Ethylhexyl)phthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:31	CMR
4-Bromophenylphenylether	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:31	CMR
Butylbenzylphthalate	ND	0.71	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:31	CMR
Carbazole	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:31	CMR
4-Chloroaniline	ND	0.71	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:31	CMR
4-Chloro-3-methylphenol	ND	0.71	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:31	CMR
2-Chloronaphthalene	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:31	CMR
2-Chlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:31	CMR
4-Chlorophenylphenylether	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:31	CMR
Chrysene	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:31	CMR
Dibenz(a,h)anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:31	CMR
Dibenzofuran	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:31	CMR
Di-n-butylphthalate	ND	0.37	mg/Kg dry	1	V-05	SW-846 8270D	11/13/12	11/14/12 19:31	CMR
1,2-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:31	CMR
1,3-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:31	CMR
1,4-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:31	CMR
3,3-Dichlorobenzidine	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:31	CMR
2,4-Dichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:31	CMR
Diethylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:31	CMR
2,4-Dimethylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:31	CMR
Dimethylphthalate	ND	0.71	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:31	CMR
4,6-Dinitro-2-methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:31	CMR
2,4-Dinitrophenol	ND	0.71	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:31	CMR
2,4-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:31	CMR
2,6-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:31	CMR
Di-n-octylphthalate	ND	0.71	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:31	CMR
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:31	CMR
Fluoranthene	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:31	CMR
Fluorene	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:31	CMR

Project Location: 203 9th St, Brooklyn, NY

Sample Description:

Work Order: 12K0407

Date Received: 11/12/2012

Field Sample #: TRC-SB-2 (15-16ft)

Sampled: 11/12/2012 13:25

Sample ID: 12K0407-06

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:31	CMR
Hexachlorobutadiene	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:31	CMR
Hexachlorocyclopentadiene	ND	0.71	mg/Kg dry	1	V-05	SW-846 8270D	11/13/12	11/14/12 19:31	CMR
Hexachloroethane	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:31	CMR
Indeno(1,2,3-cd)pyrene	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:31	CMR
Isophorone	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:31	CMR
1-Methylnaphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:31	CMR
2-Methylnaphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:31	CMR
2-Methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:31	CMR
3/4-Methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:31	CMR
Naphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:31	CMR
2-Nitroaniline	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:31	CMR
3-Nitroaniline	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:31	CMR
4-Nitroaniline	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:31	CMR
Nitrobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:31	CMR
2-Nitrophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:31	CMR
4-Nitrophenol	ND	0.71	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:31	CMR
N-Nitrosodimethylamine	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:31	CMR
N-Nitrosodiphenylamine	ND	0.37	mg/Kg dry	1	L-01	SW-846 8270D	11/13/12	11/14/12 19:31	CMR
N-Nitrosodi-n-propylamine	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:31	CMR
Pentachloronitrobenzene	ND	0.37	mg/Kg dry	1	V-16	SW-846 8270D	11/13/12	11/14/12 19:31	CMR
Pentachlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:31	CMR
Phenanthrene	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:31	CMR
Phenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:31	CMR
Pyrene	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:31	CMR
Pyridine	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:31	CMR
1,2,4,5-Tetrachlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:31	CMR
1,2,4-Trichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:31	CMR
2,4,5-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:31	CMR
2,4,6-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 19:31	CMR
Surrogates	% Recovery	Recovery Limits	Flag						
2-Fluorophenol	93.6	30-130							
Phenol-d6	84.2	30-130							
Nitrobenzene-d5	75.9	30-130							
2-Fluorobiphenyl	66.5	30-130							
2,4,6-Tribromophenol	84.6	30-130							
Terphenyl-d14	68.0	30-130							

Project Location: 203 9th St, Brooklyn, NY

Sample Description:

Work Order: 12K0407

Date Received: 11/12/2012

Field Sample #: TRC-SB-2 (15-16ft)

Sampled: 11/12/2012 13:25

Sample ID: 12K0407-06

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	11/14/12	11/17/12 0:18	JMB
Aroclor-1221 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	11/14/12	11/17/12 0:18	JMB
Aroclor-1232 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	11/14/12	11/17/12 0:18	JMB
Aroclor-1242 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	11/14/12	11/17/12 0:18	JMB
Aroclor-1248 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	11/14/12	11/17/12 0:18	JMB
Aroclor-1254 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	11/14/12	11/17/12 0:18	JMB
Aroclor-1260 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	11/14/12	11/17/12 0:18	JMB
Aroclor-1262 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	11/14/12	11/17/12 0:18	JMB
Aroclor-1268 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	11/14/12	11/17/12 0:18	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	115	30-150							
Decachlorobiphenyl [2]	88.1	30-150							
Tetrachloro-m-xylene [1]	83.3	30-150							
Tetrachloro-m-xylene [2]	90.8	30-150							

Project Location: 203 9th St, Brooklyn, NY

Sample Description:

Work Order: 12K0407

Date Received: 11/12/2012

Field Sample #: TRC-SB-2 (15-16ft)

Sampled: 11/12/2012 13:25

Sample ID: 12K0407-06

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	3300	2.7	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:28	OP
Antimony	ND	2.7	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:28	OP
Arsenic	ND	2.7	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:28	OP
Barium	27	2.7	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:28	OP
Beryllium	ND	0.27	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:28	OP
Cadmium	ND	0.27	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:28	OP
Calcium	1300	8.2	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:28	OP
Chromium	10	0.55	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:28	OP
Cobalt	3.3	2.7	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:28	OP
Copper	14	0.55	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:28	OP
Iron	6100	2.7	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:28	OP
Lead	6.3	0.82	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:28	OP
Magnesium	1700	8.2	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:28	OP
Manganese	270	0.55	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:28	OP
Mercury	ND	0.027	mg/Kg dry	1		SW-846 7471B	11/14/12	11/15/12 13:28	SAJ
Nickel	7.9	0.55	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:28	OP
Potassium	720	110	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:28	OP
Selenium	ND	2.7	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:28	OP
Silver	ND	0.55	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:28	OP
Sodium	ND	110	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:28	OP
Thallium	ND	2.7	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:28	OP
Vanadium	12	1.1	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:28	OP
Zinc	34	1.1	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:28	OP

Project Location: 203 9th St, Brooklyn, NY

Sample Description:

Work Order: 12K0407

Date Received: 11/12/2012

Field Sample #: TRC-SB-2 (15-16ft)

Sampled: 11/12/2012 13:25

Sample ID: 12K0407-06

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	91.4		% Wt	1		SM 2540G	11/13/12	11/14/12 11:51	RH

Project Location: 203 9th St, Brooklyn, NY

Sample Description:

Work Order: 12K0407

Date Received: 11/12/2012

Field Sample #: TRC-GW-2

Sampled: 11/12/2012 13:25

Sample ID: 12K0407-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:42	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:42	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:42	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:42	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:42	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:42	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:42	LBD
Bromoform	ND	1.0	µg/L	1	R-05	SW-846 8260C	11/13/12	11/13/12 17:42	LBD
Bromomethane	ND	2.0	µg/L	1	R-05	SW-846 8260C	11/13/12	11/13/12 17:42	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:42	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	R-05	SW-846 8260C	11/13/12	11/13/12 17:42	LBD
n-Butylbenzene	ND	5.0	µg/L	1	V-05	SW-846 8260C	11/13/12	11/13/12 17:42	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:42	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:42	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:42	LBD
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:42	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:42	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:42	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:42	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:42	LBD
Chloroform	2.1	2.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:42	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:42	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:42	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:42	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260C	11/13/12	11/13/12 17:42	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:42	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:42	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:42	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1	R-05	SW-846 8260C	11/13/12	11/13/12 17:42	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:42	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:42	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:42	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:42	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:42	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:42	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:42	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:42	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:42	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:42	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:42	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:42	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:42	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:42	LBD
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:42	LBD

Project Location: 203 9th St, Brooklyn, NY

Sample Description:

Work Order: 12K0407

Date Received: 11/12/2012

Field Sample #: TRC-GW-2

Sampled: 11/12/2012 13:25

Sample ID: 12K0407-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:42	LBD
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	11/13/12	11/13/12 17:42	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:42	LBD
Hexachlorobutadiene	ND	0.50	µg/L	1	V-05	SW-846 8260C	11/13/12	11/13/12 17:42	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:42	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:42	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:42	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:42	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:42	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:42	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:42	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:42	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:42	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:42	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:42	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:42	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:42	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:42	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:42	LBD
1,2,4-Trichlorobenzene	ND	2.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:42	LBD
1,3,5-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:42	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:42	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:42	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:42	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:42	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1	R-05	SW-846 8260C	11/13/12	11/13/12 17:42	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:42	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:42	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:42	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:42	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:42	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 17:42	LBD

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	102	70-130	
Toluene-d8	103	70-130	
4-Bromofluorobenzene	88.6	70-130	

Project Location: 203 9th St, Brooklyn, NY

Sample Description:

Work Order: 12K0407

Date Received: 11/12/2012

Field Sample #: TRC-GW-2

Sampled: 11/12/2012 13:25

Sample ID: 12K0407-07

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 21:00	CMR
Acenaphthylene	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 21:00	CMR
Acetophenone	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 21:00	CMR
Aniline	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 21:00	CMR
Anthracene	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 21:00	CMR
Benzidine	ND	10	µg/L	1	R-05, V-05	SW-846 8270D	11/13/12	11/13/12 21:00	CMR
Benzo(a)anthracene	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 21:00	CMR
Benzo(a)pyrene	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 21:00	CMR
Benzo(b)fluoranthene	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 21:00	CMR
Benzo(g,h,i)perylene	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 21:00	CMR
Benzo(k)fluoranthene	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 21:00	CMR
Benzoic Acid	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 21:00	CMR
Bis(2-chloroethoxy)methane	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 21:00	CMR
Bis(2-chloroethyl)ether	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 21:00	CMR
Bis(2-chloroisopropyl)ether	ND	10	µg/L	1	R-05	SW-846 8270D	11/13/12	11/13/12 21:00	CMR
Bis(2-Ethylhexyl)phthalate	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 21:00	CMR
4-Bromophenylphenylether	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 21:00	CMR
Butylbenzylphthalate	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 21:00	CMR
Carbazole	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 21:00	CMR
4-Chloroaniline	ND	10	µg/L	1	R-05	SW-846 8270D	11/13/12	11/13/12 21:00	CMR
4-Chloro-3-methylphenol	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 21:00	CMR
2-Chloronaphthalene	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 21:00	CMR
2-Chlorophenol	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 21:00	CMR
4-Chlorophenylphenylether	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 21:00	CMR
Chrysene	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 21:00	CMR
Dibenz(a,h)anthracene	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 21:00	CMR
Dibenzofuran	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 21:00	CMR
Di-n-butylphthalate	ND	10	µg/L	1	V-05	SW-846 8270D	11/13/12	11/13/12 21:00	CMR
1,2-Dichlorobenzene	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 21:00	CMR
1,3-Dichlorobenzene	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 21:00	CMR
1,4-Dichlorobenzene	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 21:00	CMR
3,3-Dichlorobenzidine	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 21:00	CMR
2,4-Dichlorophenol	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 21:00	CMR
Diethylphthalate	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 21:00	CMR
2,4-Dimethylphenol	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 21:00	CMR
Dimethylphthalate	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 21:00	CMR
4,6-Dinitro-2-methylphenol	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 21:00	CMR
2,4-Dinitrophenol	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 21:00	CMR
2,4-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 21:00	CMR
2,6-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 21:00	CMR
Di-n-octylphthalate	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 21:00	CMR
1,2-Diphenylhydrazine (as Azobenzene)	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 21:00	CMR
Fluoranthene	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 21:00	CMR
Fluorene	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 21:00	CMR

Project Location: 203 9th St, Brooklyn, NY

Sample Description:

Work Order: 12K0407

Date Received: 11/12/2012

Field Sample #: TRC-GW-2

Sampled: 11/12/2012 13:25

Sample ID: 12K0407-07

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 21:00	CMR
Hexachlorobutadiene	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 21:00	CMR
Hexachlorocyclopentadiene	ND	10	µg/L	1	V-05	SW-846 8270D	11/13/12	11/13/12 21:00	CMR
Hexachloroethane	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 21:00	CMR
Indeno(1,2,3-cd)pyrene	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 21:00	CMR
Isophorone	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 21:00	CMR
1-Methylnaphthalene	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 21:00	CMR
2-Methylnaphthalene	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 21:00	CMR
2-Methylphenol	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 21:00	CMR
3/4-Methylphenol	ND	10	µg/L	1	R-05	SW-846 8270D	11/13/12	11/13/12 21:00	CMR
Naphthalene	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 21:00	CMR
2-Nitroaniline	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 21:00	CMR
3-Nitroaniline	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 21:00	CMR
4-Nitroaniline	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 21:00	CMR
Nitrobenzene	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 21:00	CMR
2-Nitrophenol	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 21:00	CMR
4-Nitrophenol	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 21:00	CMR
N-Nitrosodimethylamine	ND	5.0	µg/L	1	R-05	SW-846 8270D	11/13/12	11/13/12 21:00	CMR
N-Nitrosodiphenylamine	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 21:00	CMR
N-Nitrosodi-n-propylamine	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 21:00	CMR
Pentachloronitrobenzene	ND	10	µg/L	1	V-16	SW-846 8270D	11/13/12	11/13/12 21:00	CMR
Pentachlorophenol	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 21:00	CMR
Phenanthrene	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 21:00	CMR
Phenol	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 21:00	CMR
Pyrene	ND	5.0	µg/L	1	R-05	SW-846 8270D	11/13/12	11/13/12 21:00	CMR
Pyridine	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 21:00	CMR
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 21:00	CMR
1,2,4-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8270D	11/13/12	11/13/12 21:00	CMR
2,4,5-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 21:00	CMR
2,4,6-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D	11/13/12	11/13/12 21:00	CMR
Surrogates	% Recovery	Recovery Limits	Flag						
2-Fluorophenol	50.4	15-110							
Phenol-d6	30.3	15-110							
Nitrobenzene-d5	74.2	30-130							
2-Fluorobiphenyl	68.3	30-130							
2,4,6-Tribromophenol	82.2	15-110							
Terphenyl-d14	59.7	30-130							

Project Location: 203 9th St, Brooklyn, NY

Sample Description:

Work Order: 12K0407

Date Received: 11/12/2012

Field Sample #: TRC-GW-2

Sampled: 11/12/2012 13:25

Sample ID: 12K0407-07

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	8.0	0.050	mg/L	1		SW-846 6010C	11/13/12	11/14/12 17:50	OP
Antimony	ND	5.0	µg/L	5		SW-846 6020A	11/13/12	11/14/12 13:26	KSH
Arsenic	ND	2.0	µg/L	5		SW-846 6020A	11/13/12	11/14/12 13:26	KSH
Barium	280	50	µg/L	5		SW-846 6020A	11/13/12	11/14/12 13:26	KSH
Beryllium	ND	2.0	µg/L	5		SW-846 6020A	11/13/12	11/14/12 13:26	KSH
Cadmium	ND	2.5	µg/L	5		SW-846 6020A	11/13/12	11/14/12 13:26	KSH
Calcium	54	0.15	mg/L	1		SW-846 6010C	11/13/12	11/14/12 17:50	OP
Chromium	34	5.0	µg/L	5		SW-846 6020A	11/13/12	11/14/12 13:26	KSH
Cobalt	9.6	5.0	µg/L	5		SW-846 6020A	11/13/12	11/14/12 13:26	KSH
Copper	30	25	µg/L	5		SW-846 6020A	11/13/12	11/14/12 13:26	KSH
Iron	13	0.050	mg/L	1		SW-846 6010C	11/13/12	11/14/12 17:50	OP
Lead	14	5.0	µg/L	5		SW-846 6020A	11/13/12	11/14/12 13:26	KSH
Magnesium	22	0.15	mg/L	1		SW-846 6010C	11/13/12	11/14/12 17:50	OP
Manganese	1100	5.0	µg/L	5		SW-846 6020A	11/13/12	11/14/12 16:03	KSH
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	11/14/12	11/14/12 12:26	SAJ
Nickel	43	25	µg/L	5		SW-846 6020A	11/13/12	11/14/12 13:26	KSH
Potassium	6.9	2.0	mg/L	1		SW-846 6010C	11/13/12	11/14/12 17:50	OP
Selenium	ND	25	µg/L	5		SW-846 6020A	11/13/12	11/14/12 13:26	KSH
Silver	ND	2.5	µg/L	5		SW-846 6020A	11/13/12	11/14/12 13:26	KSH
Sodium	92	2.0	mg/L	1		SW-846 6010C	11/13/12	11/14/12 17:50	OP
Thallium	ND	1.0	µg/L	5		SW-846 6020A	11/13/12	11/14/12 13:26	KSH
Vanadium	ND	25	µg/L	5		SW-846 6020A	11/13/12	11/14/12 13:26	KSH
Zinc	ND	50	µg/L	5		SW-846 6020A	11/13/12	11/14/12 13:26	KSH

Project Location: 203 9th St, Brooklyn, NY

Sample Description:

Work Order: 12K0407

Date Received: 11/12/2012

Field Sample #: TRC-GW-2

Sampled: 11/12/2012 13:25

Sample ID: 12K0407-07

Sample Matrix: Ground Water

Metals Analyses (Dissolved)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	ND	0.050	mg/L	1		SW-846 6010C	11/14/12	11/15/12 12:41	OP
Antimony	ND	5.0	µg/L	5		SW-846 6020A	11/14/12	11/15/12 13:31	KSH
Arsenic	ND	2.0	µg/L	5		SW-846 6020A	11/14/12	11/15/12 13:31	KSH
Barium	180	50	µg/L	5		SW-846 6020A	11/14/12	11/15/12 13:31	KSH
Beryllium	ND	2.0	µg/L	5		SW-846 6020A	11/14/12	11/15/12 13:31	KSH
Cadmium	ND	2.5	µg/L	5		SW-846 6020A	11/14/12	11/15/12 13:31	KSH
Calcium	52	0.15	mg/L	1		SW-846 6010C	11/14/12	11/15/12 12:41	OP
Chromium	ND	5.0	µg/L	5		SW-846 6020A	11/14/12	11/15/12 13:31	KSH
Cobalt	ND	5.0	µg/L	5		SW-846 6020A	11/14/12	11/15/12 13:31	KSH
Copper	ND	25	µg/L	5		SW-846 6020A	11/14/12	11/15/12 13:31	KSH
Iron	ND	0.050	mg/L	1		SW-846 6010C	11/14/12	11/15/12 12:41	OP
Lead	ND	5.0	µg/L	5		SW-846 6020A	11/14/12	11/15/12 13:31	KSH
Magnesium	19	0.15	mg/L	1		SW-846 6010C	11/14/12	11/15/12 12:41	OP
Manganese	370	5.0	µg/L	5		SW-846 6020A	11/14/12	11/15/12 13:31	KSH
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	11/14/12	11/14/12 15:11	SAJ
Nickel	ND	25	µg/L	5		SW-846 6020A	11/14/12	11/15/12 13:31	KSH
Potassium	5.0	2.0	mg/L	1		SW-846 6010C	11/14/12	11/15/12 12:41	OP
Selenium	ND	25	µg/L	5		SW-846 6020A	11/14/12	11/15/12 13:31	KSH
Silver	ND	2.5	µg/L	5		SW-846 6020A	11/14/12	11/15/12 13:31	KSH
Sodium	89	2.0	mg/L	1		SW-846 6010C	11/14/12	11/15/12 12:41	OP
Thallium	ND	1.0	µg/L	5		SW-846 6020A	11/14/12	11/15/12 13:31	KSH
Vanadium	ND	25	µg/L	5		SW-846 6020A	11/14/12	11/15/12 13:31	KSH
Zinc	ND	50	µg/L	5		SW-846 6020A	11/14/12	11/15/12 13:31	KSH

Project Location: 203 9th St, Brooklyn, NY

Sample Description:

Work Order: 12K0407

Date Received: 11/12/2012

Field Sample #: TRC-SB-9 (1-4ft)

Sampled: 11/12/2012 15:05

Sample ID: 12K0407-08

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.12	mg/Kg dry	1	V-16	SW-846 8260C	11/13/12	11/13/12 14:58	MFF
Acrylonitrile	ND	0.0070	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:58	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:58	MFF
Benzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:58	MFF
Bromobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:58	MFF
Bromochloromethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:58	MFF
Bromodichloromethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:58	MFF
Bromoform	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:58	MFF
Bromomethane	ND	0.012	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:58	MFF
2-Butanone (MEK)	ND	0.046	mg/Kg dry	1	V-16	SW-846 8260C	11/13/12	11/13/12 14:58	MFF
tert-Butyl Alcohol (TBA)	ND	0.046	mg/Kg dry	1	V-05, V-16	SW-846 8260C	11/13/12	11/13/12 14:58	MFF
n-Butylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:58	MFF
sec-Butylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:58	MFF
tert-Butylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:58	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0023	mg/Kg dry	1	V-05	SW-846 8260C	11/13/12	11/13/12 14:58	MFF
Carbon Disulfide	ND	0.0070	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:58	MFF
Carbon Tetrachloride	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:58	MFF
Chlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:58	MFF
Chlorodibromomethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:58	MFF
Chloroethane	ND	0.023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:58	MFF
Chloroform	ND	0.0046	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:58	MFF
Chloromethane	ND	0.012	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:58	MFF
2-Chlorotoluene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:58	MFF
4-Chlorotoluene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:58	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0023	mg/Kg dry	1	V-16	SW-846 8260C	11/13/12	11/13/12 14:58	MFF
1,2-Dibromoethane (EDB)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:58	MFF
Dibromomethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:58	MFF
1,2-Dichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:58	MFF
1,3-Dichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:58	MFF
1,4-Dichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:58	MFF
trans-1,4-Dichloro-2-butene	ND	0.0046	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:58	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:58	MFF
1,1-Dichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:58	MFF
1,2-Dichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:58	MFF
1,1-Dichloroethylene	ND	0.0046	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:58	MFF
cis-1,2-Dichloroethylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:58	MFF
trans-1,2-Dichloroethylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:58	MFF
1,2-Dichloropropane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:58	MFF
1,3-Dichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:58	MFF
2,2-Dichloropropane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:58	MFF
1,1-Dichloropropene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:58	MFF
cis-1,3-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:58	MFF
trans-1,3-Dichloropropene	ND	0.0012	mg/Kg dry	1	V-05	SW-846 8260C	11/13/12	11/13/12 14:58	MFF
Diethyl Ether	ND	0.023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:58	MFF

Project Location: 203 9th St, Brooklyn, NY

Sample Description:

Work Order: 12K0407

Date Received: 11/12/2012

Field Sample #: TRC-SB-9 (1-4ft)

Sampled: 11/12/2012 15:05

Sample ID: 12K0407-08

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:58	MFF
1,4-Dioxane	ND	0.12	mg/Kg dry	1	V-16	SW-846 8260C	11/13/12	11/13/12 14:58	MFF
Ethylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:58	MFF
Hexachlorobutadiene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:58	MFF
2-Hexanone (MBK)	ND	0.023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:58	MFF
Isopropylbenzene (Cumene)	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:58	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:58	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0046	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:58	MFF
Methylene Chloride	ND	0.023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:58	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:58	MFF
Naphthalene	ND	0.0046	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:58	MFF
n-Propylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:58	MFF
Styrene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:58	MFF
1,1,1,2-Tetrachloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:58	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:58	MFF
Tetrachloroethylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:58	MFF
Tetrahydrofuran	ND	0.012	mg/Kg dry	1	V-16	SW-846 8260C	11/13/12	11/13/12 14:58	MFF
Toluene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:58	MFF
1,2,3-Trichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:58	MFF
1,2,4-Trichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:58	MFF
1,3,5-Trichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:58	MFF
1,1,1-Trichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:58	MFF
1,1,2-Trichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:58	MFF
Trichloroethylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:58	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:58	MFF
1,2,3-Trichloropropane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:58	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.012	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:58	MFF
1,2,4-Trimethylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:58	MFF
1,3,5-Trimethylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:58	MFF
Vinyl Chloride	ND	0.012	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:58	MFF
m+p Xylene	ND	0.0046	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:58	MFF
o-Xylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 14:58	MFF
Surrogates	% Recovery	Recovery Limits	Flag						
1,2-Dichloroethane-d4	111	70-130							
Toluene-d8	101	70-130							
4-Bromofluorobenzene	97.3	70-130							

Project Location: 203 9th St, Brooklyn, NY

Sample Description:

Work Order: 12K0407

Date Received: 11/12/2012

Field Sample #: TRC-SB-9 (1-4ft)

Sampled: 11/12/2012 15:05

Sample ID: 12K0407-08

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:02	CMR
Acenaphthylene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:02	CMR
Acetophenone	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:02	CMR
Aniline	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:02	CMR
Anthracene	ND	0.19	mg/Kg dry	1	V-05	SW-846 8270D	11/13/12	11/14/12 20:02	CMR
Benzidine	ND	0.37	mg/Kg dry	1	V-05	SW-846 8270D	11/13/12	11/14/12 20:02	CMR
Benzo(a)anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:02	CMR
Benzo(a)pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:02	CMR
Benzo(b)fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:02	CMR
Benzo(g,h,i)perylene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:02	CMR
Benzo(k)fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:02	CMR
Benzoic Acid	ND	1.1	mg/Kg dry	1	L-04	SW-846 8270D	11/13/12	11/14/12 20:02	CMR
Bis(2-chloroethoxy)methane	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:02	CMR
Bis(2-chloroethyl)ether	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:02	CMR
Bis(2-chloroisopropyl)ether	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:02	CMR
Bis(2-Ethylhexyl)phthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:02	CMR
4-Bromophenylphenylether	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:02	CMR
Butylbenzylphthalate	ND	0.72	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:02	CMR
Carbazole	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:02	CMR
4-Chloroaniline	ND	0.72	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:02	CMR
4-Chloro-3-methylphenol	ND	0.72	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:02	CMR
2-Chloronaphthalene	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:02	CMR
2-Chlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:02	CMR
4-Chlorophenylphenylether	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:02	CMR
Chrysene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:02	CMR
Dibenz(a,h)anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:02	CMR
Dibenzofuran	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:02	CMR
Di-n-butylphthalate	ND	0.37	mg/Kg dry	1	V-05	SW-846 8270D	11/13/12	11/14/12 20:02	CMR
1,2-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:02	CMR
1,3-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:02	CMR
1,4-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:02	CMR
3,3-Dichlorobenzidine	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:02	CMR
2,4-Dichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:02	CMR
Diethylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:02	CMR
2,4-Dimethylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:02	CMR
Dimethylphthalate	ND	0.72	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:02	CMR
4,6-Dinitro-2-methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:02	CMR
2,4-Dinitrophenol	ND	0.72	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:02	CMR
2,4-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:02	CMR
2,6-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:02	CMR
Di-n-octylphthalate	ND	0.72	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:02	CMR
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:02	CMR
Fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:02	CMR
Fluorene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:02	CMR

Project Location: 203 9th St, Brooklyn, NY

Sample Description:

Work Order: 12K0407

Date Received: 11/12/2012

Field Sample #: TRC-SB-9 (1-4ft)

Sampled: 11/12/2012 15:05

Sample ID: 12K0407-08

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:02	CMR
Hexachlorobutadiene	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:02	CMR
Hexachlorocyclopentadiene	ND	0.72	mg/Kg dry	1	V-05	SW-846 8270D	11/13/12	11/14/12 20:02	CMR
Hexachloroethane	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:02	CMR
Indeno(1,2,3-cd)pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:02	CMR
Isophorone	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:02	CMR
1-Methylnaphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:02	CMR
2-Methylnaphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:02	CMR
2-Methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:02	CMR
3/4-Methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:02	CMR
Naphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:02	CMR
2-Nitroaniline	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:02	CMR
3-Nitroaniline	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:02	CMR
4-Nitroaniline	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:02	CMR
Nitrobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:02	CMR
2-Nitrophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:02	CMR
4-Nitrophenol	ND	0.72	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:02	CMR
N-Nitrosodimethylamine	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:02	CMR
N-Nitrosodiphenylamine	ND	0.37	mg/Kg dry	1	L-01	SW-846 8270D	11/13/12	11/14/12 20:02	CMR
N-Nitrosodi-n-propylamine	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:02	CMR
Pentachloronitrobenzene	ND	0.37	mg/Kg dry	1	V-16	SW-846 8270D	11/13/12	11/14/12 20:02	CMR
Pentachlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:02	CMR
Phenanthrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:02	CMR
Phenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:02	CMR
Pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:02	CMR
Pyridine	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:02	CMR
1,2,4,5-Tetrachlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:02	CMR
1,2,4-Trichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:02	CMR
2,4,5-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:02	CMR
2,4,6-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:02	CMR
Surrogates	% Recovery	Recovery Limits	Flag						
2-Fluorophenol	82.5	30-130							
Phenol-d6	73.9	30-130							
Nitrobenzene-d5	68.0	30-130							
2-Fluorobiphenyl	61.1	30-130							
2,4,6-Tribromophenol	78.9	30-130							
Terphenyl-d14	62.9	30-130							

Project Location: 203 9th St, Brooklyn, NY

Sample Description:

Work Order: 12K0407

Date Received: 11/12/2012

Field Sample #: TRC-SB-9 (1-4ft)

Sampled: 11/12/2012 15:05

Sample ID: 12K0407-08

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	11/14/12	11/17/12 0:31	JMB
Aroclor-1221 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	11/14/12	11/17/12 0:31	JMB
Aroclor-1232 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	11/14/12	11/17/12 0:31	JMB
Aroclor-1242 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	11/14/12	11/17/12 0:31	JMB
Aroclor-1248 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	11/14/12	11/17/12 0:31	JMB
Aroclor-1254 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	11/14/12	11/17/12 0:31	JMB
Aroclor-1260 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	11/14/12	11/17/12 0:31	JMB
Aroclor-1262 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	11/14/12	11/17/12 0:31	JMB
Aroclor-1268 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	11/14/12	11/17/12 0:31	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	104	30-150							
Decachlorobiphenyl [2]	79.9	30-150							
Tetrachloro-m-xylene [1]	75.8	30-150							
Tetrachloro-m-xylene [2]	83.2	30-150							

Project Location: 203 9th St, Brooklyn, NY

Sample Description:

Work Order: 12K0407

Date Received: 11/12/2012

Field Sample #: TRC-SB-9 (1-4ft)

Sampled: 11/12/2012 15:05

Sample ID: 12K0407-08

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	4500	2.6	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:34	OP
Antimony	ND	2.6	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:34	OP
Arsenic	6.7	2.6	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:34	OP
Barium	20	2.6	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:34	OP
Beryllium	ND	0.26	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:34	OP
Cadmium	ND	0.26	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:34	OP
Calcium	480	7.9	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:34	OP
Chromium	600	0.53	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:34	OP
Cobalt	3.2	2.6	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:34	OP
Copper	35	0.53	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:34	OP
Iron	11000	2.6	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:34	OP
Lead	11	0.79	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:34	OP
Magnesium	1500	7.9	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:34	OP
Manganese	88	0.53	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:34	OP
Mercury	ND	0.027	mg/Kg dry	1		SW-846 7471B	11/14/12	11/15/12 13:30	SAJ
Nickel	12	0.53	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:34	OP
Potassium	620	110	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:34	OP
Selenium	ND	2.6	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:34	OP
Silver	ND	0.53	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:34	OP
Sodium	ND	110	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:34	OP
Thallium	ND	2.6	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:34	OP
Vanadium	16	1.1	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:34	OP
Zinc	28	1.1	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:34	OP

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Project Location: 203 9th St, Brooklyn, NY

Sample Description:

Work Order: 12K0407

Date Received: 11/12/2012

Field Sample #: TRC-SB-9 (1-4ft)

Sampled: 11/12/2012 15:05

Sample ID: 12K0407-08

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	91.6		% Wt	1		SM 2540G	11/13/12	11/14/12 11:51	RH

Project Location: 203 9th St, Brooklyn, NY

Sample Description:

Work Order: 12K0407

Date Received: 11/12/2012

Field Sample #: TRC-SB-9 (15-16ft)

Sampled: 11/12/2012 15:10

Sample ID: 12K0407-09

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.12	mg/Kg dry	1	V-16	SW-846 8260C	11/13/12	11/13/12 15:25	MFF
Acrylonitrile	ND	0.0070	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 15:25	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 15:25	MFF
Benzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 15:25	MFF
Bromobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 15:25	MFF
Bromochloromethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 15:25	MFF
Bromodichloromethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 15:25	MFF
Bromoform	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 15:25	MFF
Bromomethane	ND	0.012	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 15:25	MFF
2-Butanone (MEK)	ND	0.047	mg/Kg dry	1	V-16	SW-846 8260C	11/13/12	11/13/12 15:25	MFF
tert-Butyl Alcohol (TBA)	ND	0.047	mg/Kg dry	1	V-05, V-16	SW-846 8260C	11/13/12	11/13/12 15:25	MFF
n-Butylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 15:25	MFF
sec-Butylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 15:25	MFF
tert-Butylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 15:25	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0023	mg/Kg dry	1	V-05	SW-846 8260C	11/13/12	11/13/12 15:25	MFF
Carbon Disulfide	ND	0.0070	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 15:25	MFF
Carbon Tetrachloride	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 15:25	MFF
Chlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 15:25	MFF
Chlorodibromomethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 15:25	MFF
Chloroethane	ND	0.023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 15:25	MFF
Chloroform	ND	0.0047	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 15:25	MFF
Chloromethane	ND	0.012	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 15:25	MFF
2-Chlorotoluene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 15:25	MFF
4-Chlorotoluene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 15:25	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0023	mg/Kg dry	1	V-16	SW-846 8260C	11/13/12	11/13/12 15:25	MFF
1,2-Dibromoethane (EDB)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 15:25	MFF
Dibromomethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 15:25	MFF
1,2-Dichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 15:25	MFF
1,3-Dichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 15:25	MFF
1,4-Dichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 15:25	MFF
trans-1,4-Dichloro-2-butene	ND	0.0047	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 15:25	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 15:25	MFF
1,1-Dichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 15:25	MFF
1,2-Dichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 15:25	MFF
1,1-Dichloroethylene	ND	0.0047	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 15:25	MFF
cis-1,2-Dichloroethylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 15:25	MFF
trans-1,2-Dichloroethylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 15:25	MFF
1,2-Dichloropropane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 15:25	MFF
1,3-Dichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 15:25	MFF
2,2-Dichloropropane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 15:25	MFF
1,1-Dichloropropene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 15:25	MFF
cis-1,3-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 15:25	MFF
trans-1,3-Dichloropropene	ND	0.0012	mg/Kg dry	1	V-05	SW-846 8260C	11/13/12	11/13/12 15:25	MFF
Diethyl Ether	ND	0.023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 15:25	MFF

Project Location: 203 9th St, Brooklyn, NY

Sample Description:

Work Order: 12K0407

Date Received: 11/12/2012

Field Sample #: TRC-SB-9 (15-16ft)

Sampled: 11/12/2012 15:10

Sample ID: 12K0407-09

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 15:25	MFF
1,4-Dioxane	ND	0.12	mg/Kg dry	1	V-16	SW-846 8260C	11/13/12	11/13/12 15:25	MFF
Ethylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 15:25	MFF
Hexachlorobutadiene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 15:25	MFF
2-Hexanone (MBK)	ND	0.023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 15:25	MFF
Isopropylbenzene (Cumene)	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 15:25	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 15:25	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0047	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 15:25	MFF
Methylene Chloride	ND	0.023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 15:25	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 15:25	MFF
Naphthalene	ND	0.0047	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 15:25	MFF
n-Propylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 15:25	MFF
Styrene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 15:25	MFF
1,1,1,2-Tetrachloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 15:25	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 15:25	MFF
Tetrachloroethylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 15:25	MFF
Tetrahydrofuran	ND	0.012	mg/Kg dry	1	V-16	SW-846 8260C	11/13/12	11/13/12 15:25	MFF
Toluene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 15:25	MFF
1,2,3-Trichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 15:25	MFF
1,2,4-Trichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 15:25	MFF
1,3,5-Trichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 15:25	MFF
1,1,1-Trichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 15:25	MFF
1,1,2-Trichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 15:25	MFF
Trichloroethylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 15:25	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 15:25	MFF
1,2,3-Trichloropropane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 15:25	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.012	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 15:25	MFF
1,2,4-Trimethylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 15:25	MFF
1,3,5-Trimethylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 15:25	MFF
Vinyl Chloride	ND	0.012	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 15:25	MFF
m+p Xylene	ND	0.0047	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 15:25	MFF
o-Xylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/13/12	11/13/12 15:25	MFF

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	110	70-130	11/13/12 15:25
Toluene-d8	102	70-130	11/13/12 15:25
4-Bromofluorobenzene	96.8	70-130	11/13/12 15:25

Project Location: 203 9th St, Brooklyn, NY

Sample Description:

Work Order: 12K0407

Date Received: 11/12/2012

Field Sample #: TRC-SB-9 (15-16ft)

Sampled: 11/12/2012 15:10

Sample ID: 12K0407-09

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:32	CMR
Acenaphthylene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:32	CMR
Acetophenone	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:32	CMR
Aniline	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:32	CMR
Anthracene	ND	0.19	mg/Kg dry	1	V-05	SW-846 8270D	11/13/12	11/14/12 20:32	CMR
Benzidine	ND	0.38	mg/Kg dry	1	V-05	SW-846 8270D	11/13/12	11/14/12 20:32	CMR
Benzo(a)anthracene	0.63	0.19	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:32	CMR
Benzo(a)pyrene	0.44	0.19	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:32	CMR
Benzo(b)fluoranthene	0.74	0.19	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:32	CMR
Benzo(g,h,i)perylene	0.23	0.19	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:32	CMR
Benzo(k)fluoranthene	0.28	0.19	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:32	CMR
Benzoic Acid	ND	1.1	mg/Kg dry	1	L-04	SW-846 8270D	11/13/12	11/14/12 20:32	CMR
Bis(2-chloroethoxy)methane	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:32	CMR
Bis(2-chloroethyl)ether	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:32	CMR
Bis(2-chloroisopropyl)ether	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:32	CMR
Bis(2-Ethylhexyl)phthalate	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:32	CMR
4-Bromophenylphenylether	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:32	CMR
Butylbenzylphthalate	ND	0.74	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:32	CMR
Carbazole	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:32	CMR
4-Chloroaniline	ND	0.74	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:32	CMR
4-Chloro-3-methylphenol	ND	0.74	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:32	CMR
2-Chloronaphthalene	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:32	CMR
2-Chlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:32	CMR
4-Chlorophenylphenylether	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:32	CMR
Chrysene	0.62	0.19	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:32	CMR
Dibenz(a,h)anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:32	CMR
Dibenzofuran	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:32	CMR
Di-n-butylphthalate	ND	0.38	mg/Kg dry	1	V-05	SW-846 8270D	11/13/12	11/14/12 20:32	CMR
1,2-Dichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:32	CMR
1,3-Dichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:32	CMR
1,4-Dichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:32	CMR
3,3-Dichlorobenzidine	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:32	CMR
2,4-Dichlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:32	CMR
Diethylphthalate	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:32	CMR
2,4-Dimethylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:32	CMR
Dimethylphthalate	ND	0.74	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:32	CMR
4,6-Dinitro-2-methylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:32	CMR
2,4-Dinitrophenol	ND	0.74	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:32	CMR
2,4-Dinitrotoluene	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:32	CMR
2,6-Dinitrotoluene	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:32	CMR
Di-n-octylphthalate	ND	0.74	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:32	CMR
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:32	CMR
Fluoranthene	1.2	0.19	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:32	CMR
Fluorene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:32	CMR

Project Location: 203 9th St, Brooklyn, NY

Sample Description:

Work Order: 12K0407

Date Received: 11/12/2012

Field Sample #: TRC-SB-9 (15-16ft)

Sampled: 11/12/2012 15:10

Sample ID: 12K0407-09

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:32	CMR
Hexachlorobutadiene	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:32	CMR
Hexachlorocyclopentadiene	ND	0.74	mg/Kg dry	1	V-05	SW-846 8270D	11/13/12	11/14/12 20:32	CMR
Hexachloroethane	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:32	CMR
Indeno(1,2,3-cd)pyrene	0.29	0.19	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:32	CMR
Isophorone	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:32	CMR
1-Methylnaphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:32	CMR
2-Methylnaphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:32	CMR
2-Methylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:32	CMR
3/4-Methylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:32	CMR
Naphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:32	CMR
2-Nitroaniline	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:32	CMR
3-Nitroaniline	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:32	CMR
4-Nitroaniline	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:32	CMR
Nitrobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:32	CMR
2-Nitrophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:32	CMR
4-Nitrophenol	ND	0.74	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:32	CMR
N-Nitrosodimethylamine	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:32	CMR
N-Nitrosodiphenylamine	ND	0.38	mg/Kg dry	1	L-01	SW-846 8270D	11/13/12	11/14/12 20:32	CMR
N-Nitrosodi-n-propylamine	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:32	CMR
Pentachloronitrobenzene	ND	0.38	mg/Kg dry	1	V-16	SW-846 8270D	11/13/12	11/14/12 20:32	CMR
Pentachlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:32	CMR
Phenanthrene	0.83	0.19	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:32	CMR
Phenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:32	CMR
Pyrene	0.94	0.19	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:32	CMR
Pyridine	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:32	CMR
1,2,4,5-Tetrachlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:32	CMR
1,2,4-Trichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:32	CMR
2,4,5-Trichlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:32	CMR
2,4,6-Trichlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/13/12	11/14/12 20:32	CMR
Surrogates	% Recovery	Recovery Limits	Flag						
2-Fluorophenol	94.8	30-130							
Phenol-d6	83.9	30-130							
Nitrobenzene-d5	79.2	30-130							
2-Fluorobiphenyl	72.6	30-130							
2,4,6-Tribromophenol	77.0	30-130							
Terphenyl-d14	73.9	30-130							

Project Location: 203 9th St, Brooklyn, NY

Sample Description:

Work Order: 12K0407

Date Received: 11/12/2012

Field Sample #: TRC-SB-9 (15-16ft)

Sampled: 11/12/2012 15:10

Sample ID: 12K0407-09

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	11/14/12	11/17/12 1:09	JMB
Aroclor-1221 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	11/14/12	11/17/12 1:09	JMB
Aroclor-1232 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	11/14/12	11/17/12 1:09	JMB
Aroclor-1242 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	11/14/12	11/17/12 1:09	JMB
Aroclor-1248 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	11/14/12	11/17/12 1:09	JMB
Aroclor-1254 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	11/14/12	11/17/12 1:09	JMB
Aroclor-1260 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	11/14/12	11/17/12 1:09	JMB
Aroclor-1262 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	11/14/12	11/17/12 1:09	JMB
Aroclor-1268 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	11/14/12	11/17/12 1:09	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	113	30-150							
Decachlorobiphenyl [2]	90.6	30-150							
Tetrachloro-m-xylene [1]	82.3	30-150							
Tetrachloro-m-xylene [2]	89.4	30-150							

Project Location: 203 9th St, Brooklyn, NY

Sample Description:

Work Order: 12K0407

Date Received: 11/12/2012

Field Sample #: TRC-SB-9 (15-16ft)

Sampled: 11/12/2012 15:10

Sample ID: 12K0407-09

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	3700	2.6	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:40	OP
Antimony	ND	2.6	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:40	OP
Arsenic	ND	2.6	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:40	OP
Barium	26	2.6	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:40	OP
Beryllium	ND	0.26	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:40	OP
Cadmium	ND	0.26	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:40	OP
Calcium	2100	7.8	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:40	OP
Chromium	34	0.52	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:40	OP
Cobalt	3.6	2.6	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:40	OP
Copper	25	0.52	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:40	OP
Iron	7000	2.6	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:40	OP
Lead	5.9	0.78	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:40	OP
Magnesium	1600	7.8	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:40	OP
Manganese	170	0.52	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:40	OP
Mercury	ND	0.028	mg/Kg dry	1		SW-846 7471B	11/14/12	11/15/12 13:31	SAJ
Nickel	14	0.52	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:40	OP
Potassium	640	100	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:40	OP
Selenium	ND	2.6	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:40	OP
Silver	ND	0.52	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:40	OP
Sodium	ND	100	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:40	OP
Thallium	ND	2.6	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:40	OP
Vanadium	12	1.0	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:40	OP
Zinc	33	1.0	mg/Kg dry	1		SW-846 6010C	11/13/12	11/14/12 16:40	OP

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Project Location: 203 9th St, Brooklyn, NY

Sample Description:

Work Order: 12K0407

Date Received: 11/12/2012

Field Sample #: TRC-SB-9 (15-16ft)

Sampled: 11/12/2012 15:10

Sample ID: 12K0407-09

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.3		% Wt	1		SM 2540G	11/13/12	11/14/12 11:51	RH

Project Location: 203 9th St, Brooklyn, NY

Sample Description:

Work Order: 12K0407

Date Received: 11/12/2012

Field Sample #: Trip Blank

Sampled: 11/12/2012 11:30

Sample ID: 12K0407-10

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	11/13/12	11/13/12 15:41	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 15:41	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	11/13/12	11/13/12 15:41	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 15:41	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 15:41	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 15:41	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	11/13/12	11/13/12 15:41	LBD
Bromoform	ND	1.0	µg/L	1	R-05	SW-846 8260C	11/13/12	11/13/12 15:41	LBD
Bromomethane	ND	2.0	µg/L	1	R-05	SW-846 8260C	11/13/12	11/13/12 15:41	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	11/13/12	11/13/12 15:41	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	R-05	SW-846 8260C	11/13/12	11/13/12 15:41	LBD
n-Butylbenzene	ND	5.0	µg/L	1	V-05	SW-846 8260C	11/13/12	11/13/12 15:41	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 15:41	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 15:41	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	11/13/12	11/13/12 15:41	LBD
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 15:41	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 15:41	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 15:41	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	11/13/12	11/13/12 15:41	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 15:41	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 15:41	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 15:41	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 15:41	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 15:41	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260C	11/13/12	11/13/12 15:41	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	11/13/12	11/13/12 15:41	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 15:41	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 15:41	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1	R-05	SW-846 8260C	11/13/12	11/13/12 15:41	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 15:41	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 15:41	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 15:41	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 15:41	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 15:41	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 15:41	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 15:41	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 15:41	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 15:41	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	11/13/12	11/13/12 15:41	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 15:41	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 15:41	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	11/13/12	11/13/12 15:41	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	11/13/12	11/13/12 15:41	LBD
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 15:41	LBD

Project Location: 203 9th St, Brooklyn, NY

Sample Description:

Work Order: 12K0407

Date Received: 11/12/2012

Field Sample #: Trip Blank

Sampled: 11/12/2012 11:30

Sample ID: 12K0407-10

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	11/13/12	11/13/12 15:41	LBD
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	11/13/12	11/13/12 15:41	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 15:41	LBD
Hexachlorobutadiene	ND	0.50	µg/L	1	V-05	SW-846 8260C	11/13/12	11/13/12 15:41	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	11/13/12	11/13/12 15:41	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 15:41	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 15:41	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 15:41	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 15:41	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	11/13/12	11/13/12 15:41	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 15:41	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 15:41	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 15:41	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 15:41	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	11/13/12	11/13/12 15:41	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 15:41	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	11/13/12	11/13/12 15:41	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 15:41	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 15:41	LBD
1,2,4-Trichlorobenzene	ND	2.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 15:41	LBD
1,3,5-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 15:41	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 15:41	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 15:41	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 15:41	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 15:41	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1	R-05	SW-846 8260C	11/13/12	11/13/12 15:41	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 15:41	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 15:41	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 15:41	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 15:41	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 15:41	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	11/13/12	11/13/12 15:41	LBD

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	102	70-130	
Toluene-d8	102	70-130	
4-Bromofluorobenzene	86.1	70-130	

Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
12K0407-01 [TRC-SB-1 (1-4ft)]	B062736	11/13/12
12K0407-02 [TRC-SB-1 (15-17ft)]	B062736	11/13/12
12K0407-05 [TRC-SB-2 (1-4ft)]	B062736	11/13/12
12K0407-06 [TRC-SB-2 (15-16ft)]	B062736	11/13/12
12K0407-08 [TRC-SB-9 (1-4ft)]	B062736	11/13/12
12K0407-09 [TRC-SB-9 (15-16ft)]	B062736	11/13/12

SM2580 A

Lab Number [Field ID]	Batch	Initial [g]	Date
12K0407-05 [TRC-SB-2 (1-4ft)]	B062697	20.0	11/13/12

Prep Method: SW-846 3050B-SW-846 6010C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12K0407-01 [TRC-SB-1 (1-4ft)]	B062714	1.07	50.0	11/13/12
12K0407-02 [TRC-SB-1 (15-17ft)]	B062714	1.05	50.0	11/13/12
12K0407-05 [TRC-SB-2 (1-4ft)]	B062714	1.02	50.0	11/13/12
12K0407-06 [TRC-SB-2 (15-16ft)]	B062714	1.00	50.0	11/13/12
12K0407-08 [TRC-SB-9 (1-4ft)]	B062714	1.04	50.0	11/13/12
12K0407-09 [TRC-SB-9 (15-16ft)]	B062714	1.07	50.0	11/13/12

Prep Method: SW-846 3005A-SW-846 6010C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12K0407-03 [TRC-GW-1]	B062756	50.0	50.0	11/13/12
12K0407-04 [TRC-DUP-1]	B062756	50.0	50.0	11/13/12
12K0407-07 [TRC-GW-2]	B062756	50.0	50.0	11/13/12

Prep Method: SW-846 3005A Dissolved-SW-846 6010C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12K0407-03 [TRC-GW-1]	B062861	50.0	50.0	11/14/12
12K0407-07 [TRC-GW-2]	B062861	50.0	50.0	11/14/12

Prep Method: SW-846 3005A-SW-846 6020A

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12K0407-03 [TRC-GW-1]	B062758	50.0	50.0	11/13/12
12K0407-04 [TRC-DUP-1]	B062758	50.0	50.0	11/13/12
12K0407-07 [TRC-GW-2]	B062758	50.0	50.0	11/13/12

Prep Method: SW-846 3005A Dissolved-SW-846 6020A

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12K0407-03 [TRC-GW-1]	B062860	50.0	50.0	11/14/12
12K0407-07 [TRC-GW-2]	B062860	50.0	50.0	11/14/12

Sample Extraction Data**SW-846 7196A**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12K0407-05 [TRC-SB-2 (1-4ft)]	B063068	2.55	100	11/16/12

Prep Method: SW-846 7470A Prep-SW-846 7470A

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12K0407-03 [TRC-GW-1]	B062775	6.00	6.00	11/14/12
12K0407-04 [TRC-DUP-1]	B062775	6.00	6.00	11/14/12
12K0407-07 [TRC-GW-2]	B062775	6.00	6.00	11/14/12

Prep Method: SW-846 7470A Prep-SW-846 7470A

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12K0407-03 [TRC-GW-1]	B062797	6.00	6.00	11/14/12
12K0407-07 [TRC-GW-2]	B062797	6.00	6.00	11/14/12

Prep Method: SW-846 7471-SW-846 7471B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12K0407-01 [TRC-SB-1 (1-4ft)]	B062780	0.610	50.0	11/14/12
12K0407-02 [TRC-SB-1 (15-17ft)]	B062780	0.609	50.0	11/14/12
12K0407-05 [TRC-SB-2 (1-4ft)]	B062780	0.613	50.0	11/14/12
12K0407-06 [TRC-SB-2 (15-16ft)]	B062780	0.612	50.0	11/14/12
12K0407-08 [TRC-SB-9 (1-4ft)]	B062780	0.605	50.0	11/14/12
12K0407-09 [TRC-SB-9 (15-16ft)]	B062780	0.603	50.0	11/14/12

Prep Method: SW-846 3546-SW-846 8015C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12K0407-05 [TRC-SB-2 (1-4ft)]	B062779	30.3	1.00	11/14/12

Prep Method: SW-846 5035/5030B-SW-846 8015C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12K0407-05 [TRC-SB-2 (1-4ft)]	B062787	14.0	17.3	11/13/12

Prep Method: SW-846 3546-SW-846 8081B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12K0407-05 [TRC-SB-2 (1-4ft)]	B062693	10.0	10.0	11/13/12

Prep Method: SW-846 3546-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12K0407-01 [TRC-SB-1 (1-4ft)]	B062795	10.1	10.0	11/14/12
12K0407-02 [TRC-SB-1 (15-17ft)]	B062795	10.2	10.0	11/14/12

Sample Extraction Data

Prep Method: SW-846 3546-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12K0407-05 [TRC-SB-2 (1-4ft)]	B062795	10.3	10.0	11/14/12
12K0407-06 [TRC-SB-2 (15-16ft)]	B062795	10.0	10.0	11/14/12
12K0407-08 [TRC-SB-9 (1-4ft)]	B062795	10.3	10.0	11/14/12
12K0407-09 [TRC-SB-9 (15-16ft)]	B062795	10.2	10.0	11/14/12

Prep Method: SW-846 5035-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12K0407-02 [TRC-SB-1 (15-17ft)]	B062731	4.80	10.0	11/13/12
12K0407-05 [TRC-SB-2 (1-4ft)]	B062731	4.60	10.0	11/13/12
12K0407-06 [TRC-SB-2 (15-16ft)]	B062731	4.60	10.0	11/13/12
12K0407-08 [TRC-SB-9 (1-4ft)]	B062731	4.70	10.0	11/13/12
12K0407-09 [TRC-SB-9 (15-16ft)]	B062731	4.80	10.0	11/13/12

Prep Method: SW-846 5035-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12K0407-01 [TRC-SB-1 (1-4ft)]	B062788	5.10	10.0	11/13/12

Prep Method: SW-846 5030B-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12K0407-03 [TRC-GW-1]	B062742	5	5.00	11/13/12
12K0407-04 [TRC-DUP-1]	B062742	5	5.00	11/13/12
12K0407-07 [TRC-GW-2]	B062742	5	5.00	11/13/12
12K0407-10 [Trip Blank]	B062742	5	5.00	11/13/12

Prep Method: SW-846 3546-SW-846 8270D

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12K0407-01 [TRC-SB-1 (1-4ft)]	B062684	30.8	1.00	11/13/12
12K0407-02 [TRC-SB-1 (15-17ft)]	B062684	30.2	1.00	11/13/12
12K0407-05 [TRC-SB-2 (1-4ft)]	B062684	30.2	1.00	11/13/12
12K0407-06 [TRC-SB-2 (15-16ft)]	B062684	30.3	1.00	11/13/12
12K0407-08 [TRC-SB-9 (1-4ft)]	B062684	30.0	1.00	11/13/12
12K0407-09 [TRC-SB-9 (15-16ft)]	B062684	30.0	1.00	11/13/12

Prep Method: SW-846 3510C-SW-846 8270D

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12K0407-03 [TRC-GW-1]	B062681	1000	1.00	11/13/12
12K0407-04 [TRC-DUP-1]	B062681	1000	1.00	11/13/12
12K0407-07 [TRC-GW-2]	B062681	1000	1.00	11/13/12

SW-846 9014

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date

Sample Extraction Data

SW-846 9014

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12K0407-05 [TRC-SB-2 (1-4ft)]	B062935	1.23	50.0	11/16/12

SW-846 9045C

Lab Number [Field ID]	Batch	Initial [g]	Date
12K0407-05 [TRC-SB-2 (1-4ft)]	B062706	20.0	11/13/12

QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B062731 - SW-846 5035										
Blank (B062731-BLK1)				Prepared & Analyzed: 11/13/12						
Acetone	ND	0.10	mg/Kg wet							V-16
Acrylonitrile	ND	0.0060	mg/Kg wet							
tert-Amyl Methyl Ether (TAME)	ND	0.0010	mg/Kg wet							
Benzene	ND	0.0020	mg/Kg wet							
Bromobenzene	ND	0.0020	mg/Kg wet							
Bromochloromethane	ND	0.0020	mg/Kg wet							
Bromodichloromethane	ND	0.0020	mg/Kg wet							
Bromoform	ND	0.0020	mg/Kg wet							
Bromomethane	ND	0.010	mg/Kg wet							
2-Butanone (MEK)	ND	0.040	mg/Kg wet							V-16
tert-Butyl Alcohol (TBA)	ND	0.040	mg/Kg wet							V-05, V-16
n-Butylbenzene	ND	0.0020	mg/Kg wet							
sec-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butyl Ethyl Ether (TBEE)	ND	0.0020	mg/Kg wet							V-05
Carbon Disulfide	ND	0.0060	mg/Kg wet							
Carbon Tetrachloride	ND	0.0020	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0010	mg/Kg wet							
Chloroethane	ND	0.020	mg/Kg wet							
Chloroform	ND	0.0040	mg/Kg wet							
Chloromethane	ND	0.010	mg/Kg wet							
2-Chlorotoluene	ND	0.0020	mg/Kg wet							
4-Chlorotoluene	ND	0.0020	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet							V-16
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg wet							
Dibromomethane	ND	0.0020	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet							
trans-1,4-Dichloro-2-butene	ND	0.0040	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg wet							
1,1-Dichloroethane	ND	0.0020	mg/Kg wet							
1,2-Dichloroethane	ND	0.0020	mg/Kg wet							
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
1,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,3-Dichloropropane	ND	0.0010	mg/Kg wet							
2,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,1-Dichloropropene	ND	0.0020	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							V-05
Diethyl Ether	ND	0.020	mg/Kg wet							
Diisopropyl Ether (DIPE)	ND	0.0010	mg/Kg wet							
1,4-Dioxane	ND	0.10	mg/Kg wet							V-16
Ethylbenzene	ND	0.0020	mg/Kg wet							
Hexachlorobutadiene	ND	0.0020	mg/Kg wet							
2-Hexanone (MBK)	ND	0.020	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.0020	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg wet							

QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B062731 - SW-846 5035
Blank (B062731-BLK1)

Prepared & Analyzed: 11/13/12

Methylene Chloride	ND	0.020	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg wet							
Naphthalene	ND	0.0040	mg/Kg wet							
n-Propylbenzene	ND	0.0020	mg/Kg wet							
Styrene	ND	0.0020	mg/Kg wet							
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet							
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet							
Tetrachloroethylene	ND	0.0020	mg/Kg wet							
Tetrahydrofuran	ND	0.010	mg/Kg wet							V-16
Toluene	ND	0.0020	mg/Kg wet							
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,3,5-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet							
Trichloroethylene	ND	0.0020	mg/Kg wet							
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet							
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg wet							
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg wet							
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg wet							
Vinyl Chloride	ND	0.010	mg/Kg wet							
m+p Xylene	ND	0.0040	mg/Kg wet							
o-Xylene	ND	0.0020	mg/Kg wet							

Surrogate: 1,2-Dichloroethane-d4	0.0523		mg/Kg wet	0.0500		105	70-130			
Surrogate: Toluene-d8	0.0503		mg/Kg wet	0.0500		101	70-130			
Surrogate: 4-Bromofluorobenzene	0.0478		mg/Kg wet	0.0500		95.6	70-130			

LCS (B062731-BS1)

Prepared & Analyzed: 11/13/12

Acetone	0.198	0.10	mg/Kg wet	0.200		99.2	70-160			V-16 †
Acrylonitrile	0.0190	0.0060	mg/Kg wet	0.0200		95.1	70-130			
tert-Amyl Methyl Ether (TAME)	0.0163	0.0010	mg/Kg wet	0.0200		81.4	70-130			
Benzene	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130			
Bromobenzene	0.0187	0.0020	mg/Kg wet	0.0200		93.5	70-130			
Bromochloromethane	0.0209	0.0020	mg/Kg wet	0.0200		105	70-130			
Bromodichloromethane	0.0182	0.0020	mg/Kg wet	0.0200		90.9	70-130			
Bromoform	0.0161	0.0020	mg/Kg wet	0.0200		80.4	70-130			
Bromomethane	0.0149	0.010	mg/Kg wet	0.0200		74.7	40-130			†
2-Butanone (MEK)	0.178	0.040	mg/Kg wet	0.200		89.2	70-160			V-16 †
tert-Butyl Alcohol (TBA)	0.137	0.040	mg/Kg wet	0.200		68.7	40-130			V-05, V-16 †
n-Butylbenzene	0.0228	0.0020	mg/Kg wet	0.0200		114	70-130			
sec-Butylbenzene	0.0232	0.0020	mg/Kg wet	0.0200		116	70-130			
tert-Butylbenzene	0.0222	0.0020	mg/Kg wet	0.0200		111	70-160			†
tert-Butyl Ethyl Ether (TBEE)	0.0161	0.0020	mg/Kg wet	0.0200		80.4	70-130			V-05
Carbon Disulfide	0.0208	0.0060	mg/Kg wet	0.0200		104	70-130			
Carbon Tetrachloride	0.0237	0.0020	mg/Kg wet	0.0200		118	70-130			
Chlorobenzene	0.0191	0.0020	mg/Kg wet	0.0200		95.7	70-130			
Chlorodibromomethane	0.0163	0.0010	mg/Kg wet	0.0200		81.3	70-130			
Chloroethane	0.0214	0.020	mg/Kg wet	0.0200		107	70-130			
Chloroform	0.0207	0.0040	mg/Kg wet	0.0200		104	70-130			
Chloromethane	0.0234	0.010	mg/Kg wet	0.0200		117	70-130			
2-Chlorotoluene	0.0198	0.0020	mg/Kg wet	0.0200		99.2	70-130			

QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B062731 - SW-846 5035										
LCS (B062731-BS1)				Prepared & Analyzed: 11/13/12						
4-Chlorotoluene	0.0201	0.0020	mg/Kg wet	0.0200		101	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	0.0156	0.0020	mg/Kg wet	0.0200		77.9	70-130			V-16
1,2-Dibromoethane (EDB)	0.0187	0.0010	mg/Kg wet	0.0200		93.7	70-130			
Dibromomethane	0.0191	0.0020	mg/Kg wet	0.0200		95.7	70-130			
1,2-Dichlorobenzene	0.0193	0.0020	mg/Kg wet	0.0200		96.7	70-130			
1,3-Dichlorobenzene	0.0199	0.0020	mg/Kg wet	0.0200		99.5	70-130			
1,4-Dichlorobenzene	0.0203	0.0020	mg/Kg wet	0.0200		102	70-130			
trans-1,4-Dichloro-2-butene	0.0150	0.0040	mg/Kg wet	0.0200		74.9	70-130			
Dichlorodifluoromethane (Freon 12)	0.0164	0.020	mg/Kg wet	0.0200		82.0	40-160			†
1,1-Dichloroethane	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130			
1,2-Dichloroethane	0.0186	0.0020	mg/Kg wet	0.0200		93.2	70-130			
1,1-Dichloroethylene	0.0212	0.0040	mg/Kg wet	0.0200		106	70-130			
cis-1,2-Dichloroethylene	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130			
trans-1,2-Dichloroethylene	0.0201	0.0020	mg/Kg wet	0.0200		100	70-130			
1,2-Dichloropropane	0.0190	0.0020	mg/Kg wet	0.0200		95.1	70-130			
1,3-Dichloropropane	0.0185	0.0010	mg/Kg wet	0.0200		92.7	70-130			
2,2-Dichloropropane	0.0196	0.0020	mg/Kg wet	0.0200		97.8	70-130			
1,1-Dichloropropene	0.0209	0.0020	mg/Kg wet	0.0200		104	70-130			
cis-1,3-Dichloropropene	0.0159	0.0010	mg/Kg wet	0.0200		79.5	70-130			
trans-1,3-Dichloropropene	0.0153	0.0010	mg/Kg wet	0.0200		76.3	70-130			V-05
Diethyl Ether	0.0200	0.020	mg/Kg wet	0.0200		99.8	70-130			
Diisopropyl Ether (DIPE)	0.0213	0.0010	mg/Kg wet	0.0200		106	70-130			
1,4-Dioxane	0.170	0.10	mg/Kg wet	0.200		84.9	40-160			V-16 †
Ethylbenzene	0.0206	0.0020	mg/Kg wet	0.0200		103	70-130			
Hexachlorobutadiene	0.0192	0.0020	mg/Kg wet	0.0200		96.2	70-160			
2-Hexanone (MBK)	0.168	0.020	mg/Kg wet	0.200		83.9	70-160			†
Isopropylbenzene (Cumene)	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130			
p-Isopropyltoluene (p-Cymene)	0.0236	0.0020	mg/Kg wet	0.0200		118	70-130			
Methyl tert-Butyl Ether (MTBE)	0.0184	0.0040	mg/Kg wet	0.0200		92.0	70-130			
Methylene Chloride	0.0175	0.020	mg/Kg wet	0.0200		87.6	40-160			†
4-Methyl-2-pentanone (MIBK)	0.165	0.020	mg/Kg wet	0.200		82.7	70-160			†
Naphthalene	0.0166	0.0040	mg/Kg wet	0.0200		83.2	40-130			†
n-Propylbenzene	0.0213	0.0020	mg/Kg wet	0.0200		107	70-130			
Styrene	0.0196	0.0020	mg/Kg wet	0.0200		98.1	70-130			
1,1,1,2-Tetrachloroethane	0.0170	0.0020	mg/Kg wet	0.0200		85.2	70-130			
1,1,2,2-Tetrachloroethane	0.0188	0.0010	mg/Kg wet	0.0200		93.8	70-130			
Tetrachloroethylene	0.0195	0.0020	mg/Kg wet	0.0200		97.6	70-130			
Tetrahydrofuran	0.0170	0.010	mg/Kg wet	0.0200		85.0	70-130			V-16
Toluene	0.0185	0.0020	mg/Kg wet	0.0200		92.7	70-130			
1,2,3-Trichlorobenzene	0.0187	0.0020	mg/Kg wet	0.0200		93.5	70-130			
1,2,4-Trichlorobenzene	0.0188	0.0020	mg/Kg wet	0.0200		94.1	70-130			
1,3,5-Trichlorobenzene	0.0190	0.0020	mg/Kg wet	0.0200		95.1	70-130			
1,1,1-Trichloroethane	0.0202	0.0020	mg/Kg wet	0.0200		101	70-130			
1,1,2-Trichloroethane	0.0186	0.0020	mg/Kg wet	0.0200		93.0	70-130			
Trichloroethylene	0.0192	0.0020	mg/Kg wet	0.0200		95.9	70-130			
Trichlorofluoromethane (Freon 11)	0.0212	0.010	mg/Kg wet	0.0200		106	70-130			
1,2,3-Trichloropropane	0.0185	0.0020	mg/Kg wet	0.0200		92.3	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0256	0.010	mg/Kg wet	0.0200		128	70-130			
1,2,4-Trimethylbenzene	0.0219	0.0020	mg/Kg wet	0.0200		110	70-130			
1,3,5-Trimethylbenzene	0.0203	0.0020	mg/Kg wet	0.0200		102	70-130			
Vinyl Chloride	0.0196	0.010	mg/Kg wet	0.0200		98.1	40-130			†

QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B062731 - SW-846 5035										
LCS (B062731-BS1)				Prepared & Analyzed: 11/13/12						
m+p Xylene	0.0402	0.0040	mg/Kg wet	0.0400		101	70-130			
o-Xylene	0.0194	0.0020	mg/Kg wet	0.0200		96.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0498		mg/Kg wet	0.0500		99.6	70-130			
Surrogate: Toluene-d8	0.0505		mg/Kg wet	0.0500		101	70-130			
Surrogate: 4-Bromofluorobenzene	0.0498		mg/Kg wet	0.0500		99.6	70-130			
LCS Dup (B062731-BS1)				Prepared & Analyzed: 11/13/12						
Acetone	0.175	0.10	mg/Kg wet	0.200		87.6	70-160	12.4	25	V-16 †
Acrylonitrile	0.0199	0.0060	mg/Kg wet	0.0200		99.7	70-130	4.72	25	
tert-Amyl Methyl Ether (TAME)	0.0175	0.0010	mg/Kg wet	0.0200		87.7	70-130	7.45	25	
Benzene	0.0218	0.0020	mg/Kg wet	0.0200		109	70-130	4.79	25	
Bromobenzene	0.0201	0.0020	mg/Kg wet	0.0200		100	70-130	7.12	25	
Bromochloromethane	0.0224	0.0020	mg/Kg wet	0.0200		112	70-130	6.83	25	
Bromodichloromethane	0.0194	0.0020	mg/Kg wet	0.0200		97.2	70-130	6.70	25	
Bromoform	0.0161	0.0020	mg/Kg wet	0.0200		80.3	70-130	0.124	25	
Bromomethane	0.0169	0.010	mg/Kg wet	0.0200		84.4	40-130	12.2	25	†
2-Butanone (MEK)	0.170	0.040	mg/Kg wet	0.200		84.8	70-160	5.09	25	V-16 †
tert-Butyl Alcohol (TBA)	0.160	0.040	mg/Kg wet	0.200		79.8	40-130	15.0	25	V-05, V-16 †
n-Butylbenzene	0.0240	0.0020	mg/Kg wet	0.0200		120	70-130	5.04	25	
sec-Butylbenzene	0.0244	0.0020	mg/Kg wet	0.0200		122	70-130	5.21	25	
tert-Butylbenzene	0.0233	0.0020	mg/Kg wet	0.0200		116	70-160	4.66	25	†
tert-Butyl Ethyl Ether (TBEE)	0.0173	0.0020	mg/Kg wet	0.0200		86.3	70-130	7.08	25	V-05
Carbon Disulfide	0.0214	0.0060	mg/Kg wet	0.0200		107	70-130	2.75	25	
Carbon Tetrachloride	0.0246	0.0020	mg/Kg wet	0.0200		123	70-130	4.06	25	
Chlorobenzene	0.0203	0.0020	mg/Kg wet	0.0200		102	70-130	6.08	25	
Chlorodibromomethane	0.0172	0.0010	mg/Kg wet	0.0200		85.9	70-130	5.50	25	
Chloroethane	0.0227	0.020	mg/Kg wet	0.0200		114	70-130	6.17	25	
Chloroform	0.0218	0.0040	mg/Kg wet	0.0200		109	70-130	4.99	25	
Chloromethane	0.0242	0.010	mg/Kg wet	0.0200		121	70-130	3.28	25	
2-Chlorotoluene	0.0212	0.0020	mg/Kg wet	0.0200		106	70-130	6.82	25	
4-Chlorotoluene	0.0212	0.0020	mg/Kg wet	0.0200		106	70-130	5.32	25	
1,2-Dibromo-3-chloropropane (DBCP)	0.0167	0.0020	mg/Kg wet	0.0200		83.4	70-130	6.82	25	V-16
1,2-Dibromoethane (EDB)	0.0201	0.0010	mg/Kg wet	0.0200		100	70-130	6.80	25	
Dibromomethane	0.0201	0.0020	mg/Kg wet	0.0200		100	70-130	4.79	25	
1,2-Dichlorobenzene	0.0207	0.0020	mg/Kg wet	0.0200		103	70-130	6.60	25	
1,3-Dichlorobenzene	0.0211	0.0020	mg/Kg wet	0.0200		106	70-130	6.04	25	
1,4-Dichlorobenzene	0.0215	0.0020	mg/Kg wet	0.0200		108	70-130	5.74	25	
trans-1,4-Dichloro-2-butene	0.0153	0.0040	mg/Kg wet	0.0200		76.5	70-130	2.11	25	
Dichlorodifluoromethane (Freon 12)	0.0173	0.020	mg/Kg wet	0.0200		86.6	40-160	5.46	25	†
1,1-Dichloroethane	0.0219	0.0020	mg/Kg wet	0.0200		109	70-130	6.71	25	
1,2-Dichloroethane	0.0201	0.0020	mg/Kg wet	0.0200		100	70-130	7.54	25	
1,1-Dichloroethylene	0.0224	0.0040	mg/Kg wet	0.0200		112	70-130	5.59	25	
cis-1,2-Dichloroethylene	0.0215	0.0020	mg/Kg wet	0.0200		108	70-130	5.44	25	
trans-1,2-Dichloroethylene	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130	3.42	25	
1,2-Dichloropropane	0.0202	0.0020	mg/Kg wet	0.0200		101	70-130	5.92	25	
1,3-Dichloropropane	0.0199	0.0010	mg/Kg wet	0.0200		99.4	70-130	6.98	25	
2,2-Dichloropropane	0.0205	0.0020	mg/Kg wet	0.0200		103	70-130	4.89	25	
1,1-Dichloropropene	0.0217	0.0020	mg/Kg wet	0.0200		108	70-130	3.86	25	
cis-1,3-Dichloropropene	0.0166	0.0010	mg/Kg wet	0.0200		83.2	70-130	4.55	25	
trans-1,3-Dichloropropene	0.0162	0.0010	mg/Kg wet	0.0200		81.1	70-130	6.10	25	V-05
Diethyl Ether	0.0212	0.020	mg/Kg wet	0.0200		106	70-130	5.84	25	
Diisopropyl Ether (DIPE)	0.0223	0.0010	mg/Kg wet	0.0200		111	70-130	4.50	25	

QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B062731 - SW-846 5035
LCS Dup (B062731-BS1)

Prepared & Analyzed: 11/13/12

1,4-Dioxane	0.197	0.10	mg/Kg wet	0.200		98.6	40-160	14.9	50	V-16 † ‡
Ethylbenzene	0.0216	0.0020	mg/Kg wet	0.0200		108	70-130	4.65	25	
Hexachlorobutadiene	0.0208	0.0020	mg/Kg wet	0.0200		104	70-160	7.60	25	
2-Hexanone (MBK)	0.168	0.020	mg/Kg wet	0.200		84.0	70-160	0.191	25	†
Isopropylbenzene (Cumene)	0.0219	0.0020	mg/Kg wet	0.0200		109	70-130	5.16	25	
p-Isopropyltoluene (p-Cymene)	0.0250	0.0020	mg/Kg wet	0.0200		125	70-130	5.85	25	
Methyl tert-Butyl Ether (MTBE)	0.0191	0.0040	mg/Kg wet	0.0200		95.7	70-130	3.94	25	
Methylene Chloride	0.0185	0.020	mg/Kg wet	0.0200		92.6	40-160	5.55	25	†
4-Methyl-2-pentanone (MIBK)	0.173	0.020	mg/Kg wet	0.200		86.7	70-160	4.82	25	†
Naphthalene	0.0174	0.0040	mg/Kg wet	0.0200		87.0	40-130	4.47	25	†
n-Propylbenzene	0.0225	0.0020	mg/Kg wet	0.0200		113	70-130	5.56	25	
Styrene	0.0203	0.0020	mg/Kg wet	0.0200		101	70-130	3.31	25	
1,1,1,2-Tetrachloroethane	0.0178	0.0020	mg/Kg wet	0.0200		89.2	70-130	4.59	25	
1,1,2,2-Tetrachloroethane	0.0192	0.0010	mg/Kg wet	0.0200		95.8	70-130	2.11	25	
Tetrachloroethylene	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130	4.31	25	
Tetrahydrofuran	0.0150	0.010	mg/Kg wet	0.0200		75.0	70-130	12.5	25	V-16
Toluene	0.0199	0.0020	mg/Kg wet	0.0200		99.3	70-130	6.87	25	
1,2,3-Trichlorobenzene	0.0198	0.0020	mg/Kg wet	0.0200		98.8	70-130	5.51	25	
1,2,4-Trichlorobenzene	0.0203	0.0020	mg/Kg wet	0.0200		102	70-130	7.57	25	
1,3,5-Trichlorobenzene	0.0203	0.0020	mg/Kg wet	0.0200		102	70-130	6.51	25	
1,1,1-Trichloroethane	0.0210	0.0020	mg/Kg wet	0.0200		105	70-130	3.98	25	
1,1,2-Trichloroethane	0.0191	0.0020	mg/Kg wet	0.0200		95.5	70-130	2.65	25	
Trichloroethylene	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130	6.26	25	
Trichlorofluoromethane (Freon 11)	0.0217	0.010	mg/Kg wet	0.0200		108	70-130	2.24	25	
1,2,3-Trichloropropane	0.0189	0.0020	mg/Kg wet	0.0200		94.6	70-130	2.46	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0263	0.010	mg/Kg wet	0.0200		132	* 70-130	2.70	25	L-07
1,2,4-Trimethylbenzene	0.0231	0.0020	mg/Kg wet	0.0200		116	70-130	5.33	25	
1,3,5-Trimethylbenzene	0.0215	0.0020	mg/Kg wet	0.0200		108	70-130	5.54	25	
Vinyl Chloride	0.0210	0.010	mg/Kg wet	0.0200		105	40-130	6.89	25	†
m+p Xylene	0.0425	0.0040	mg/Kg wet	0.0400		106	70-130	5.37	25	
o-Xylene	0.0207	0.0020	mg/Kg wet	0.0200		103	70-130	6.50	25	
Surrogate: 1,2-Dichloroethane-d4	0.0500		mg/Kg wet	0.0500		100	70-130			
Surrogate: Toluene-d8	0.0507		mg/Kg wet	0.0500		101	70-130			
Surrogate: 4-Bromofluorobenzene	0.0498		mg/Kg wet	0.0500		99.6	70-130			

Batch B062742 - SW-846 5030B
Blank (B062742-BLK1)

Prepared & Analyzed: 11/13/12

Acetone	ND	50	µg/L							
Acrylonitrile	ND	5.0	µg/L							
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L							
Benzene	ND	1.0	µg/L							
Bromobenzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							R-05
Bromomethane	ND	2.0	µg/L							R-05
2-Butanone (MEK)	ND	20	µg/L							
tert-Butyl Alcohol (TBA)	ND	20	µg/L							R-05
n-Butylbenzene	ND	5.0	µg/L							V-05
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							

QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B062742 - SW-846 5030B										
Blank (B062742-BLK1)				Prepared & Analyzed: 11/13/12						
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L							
Carbon Disulfide	ND	2.0	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
2-Chlorotoluene	ND	1.0	µg/L							
4-Chlorotoluene	ND	1.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							V-05
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	1.0	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							R-05
1,4-Dichlorobenzene	ND	1.0	µg/L							
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	1.0	µg/L							
1,1-Dichloropropene	ND	2.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Diethyl Ether	ND	2.0	µg/L							
Diisopropyl Ether (DIPE)	ND	0.50	µg/L							
1,4-Dioxane	ND	50	µg/L							V-16
Ethylbenzene	ND	1.0	µg/L							
Hexachlorobutadiene	ND	0.50	µg/L							V-05
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							
Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L							
Naphthalene	ND	2.0	µg/L							
n-Propylbenzene	ND	1.0	µg/L							
Styrene	ND	1.0	µg/L							
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	µg/L							
Tetrahydrofuran	ND	10	µg/L							
Toluene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	5.0	µg/L							
1,2,4-Trichlorobenzene	ND	2.0	µg/L							
1,3,5-Trichlorobenzene	ND	5.0	µg/L							
1,1,1-Trichloroethane	ND	1.0	µg/L							

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B062742 - SW-846 5030B										
Blank (B062742-BLK1)				Prepared & Analyzed: 11/13/12						
1,1,2-Trichloroethane	ND	1.0	µg/L							
Trichloroethylene	ND	1.0	µg/L							
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L							
1,2,3-Trichloropropane	ND	2.0	µg/L							R-05
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L							
1,2,4-Trimethylbenzene	ND	1.0	µg/L							
1,3,5-Trimethylbenzene	ND	1.0	µg/L							
Vinyl Chloride	ND	2.0	µg/L							
m+p Xylene	ND	2.0	µg/L							
o-Xylene	ND	1.0	µg/L							
Surrogate: 1,2-Dichloroethane-d4	26.2		µg/L	25.0		105	70-130			
Surrogate: Toluene-d8	25.4		µg/L	25.0		102	70-130			
Surrogate: 4-Bromofluorobenzene	22.8		µg/L	25.0		91.4	70-130			
LCS (B062742-BS1)				Prepared & Analyzed: 11/13/12						
Acetone	210	50	µg/L	100		210 *	70-160			L-02 †
Acrylonitrile	10.8	5.0	µg/L	10.0		108	70-130			
tert-Amyl Methyl Ether (TAME)	9.44	0.50	µg/L	10.0		94.4	70-130			
Benzene	9.93	1.0	µg/L	10.0		99.3	70-130			
Bromobenzene	9.48	1.0	µg/L	10.0		94.8	70-130			
Bromochloromethane	10.3	1.0	µg/L	10.0		103	70-130			
Bromodichloromethane	9.55	0.50	µg/L	10.0		95.5	70-130			
Bromoform	9.25	1.0	µg/L	10.0		92.5	70-130			R-05
Bromomethane	5.23	2.0	µg/L	10.0		52.3	40-160			R-05 †
2-Butanone (MEK)	145	20	µg/L	100		145	40-160			†
tert-Butyl Alcohol (TBA)	93.3	20	µg/L	100		93.3	40-160			R-05 †
n-Butylbenzene	8.74	5.0	µg/L	10.0		87.4	70-130			V-05
sec-Butylbenzene	9.73	1.0	µg/L	10.0		97.3	70-130			
tert-Butylbenzene	9.29	1.0	µg/L	10.0		92.9	70-130			
tert-Butyl Ethyl Ether (TBEE)	10.1	0.50	µg/L	10.0		101	70-130			
Carbon Disulfide	10.0	2.0	µg/L	10.0		100	70-130			
Carbon Tetrachloride	10.1	5.0	µg/L	10.0		101	70-130			
Chlorobenzene	9.32	1.0	µg/L	10.0		93.2	70-130			
Chlorodibromomethane	9.14	0.50	µg/L	10.0		91.4	70-130			
Chloroethane	10.1	2.0	µg/L	10.0		101	70-130			
Chloroform	9.90	2.0	µg/L	10.0		99.0	70-130			
Chloromethane	8.96	2.0	µg/L	10.0		89.6	40-160			†
2-Chlorotoluene	9.42	1.0	µg/L	10.0		94.2	70-130			
4-Chlorotoluene	9.56	1.0	µg/L	10.0		95.6	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	7.22	5.0	µg/L	10.0		72.2	70-130			V-05
1,2-Dibromoethane (EDB)	9.48	0.50	µg/L	10.0		94.8	70-130			
Dibromomethane	9.78	1.0	µg/L	10.0		97.8	70-130			
1,2-Dichlorobenzene	9.40	1.0	µg/L	10.0		94.0	70-130			
1,3-Dichlorobenzene	9.36	1.0	µg/L	10.0		93.6	70-130			R-05
1,4-Dichlorobenzene	9.48	1.0	µg/L	10.0		94.8	70-130			
trans-1,4-Dichloro-2-butene	9.66	2.0	µg/L	10.0		96.6	70-130			
Dichlorodifluoromethane (Freon 12)	6.65	2.0	µg/L	10.0		66.5	40-160			†
1,1-Dichloroethane	10.6	1.0	µg/L	10.0		106	70-130			
1,2-Dichloroethane	9.62	1.0	µg/L	10.0		96.2	70-130			
1,1-Dichloroethylene	10.6	1.0	µg/L	10.0		106	70-130			
cis-1,2-Dichloroethylene	9.76	1.0	µg/L	10.0		97.6	70-130			
trans-1,2-Dichloroethylene	10.7	1.0	µg/L	10.0		107	70-130			

QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B062742 - SW-846 5030B										
LCS (B062742-BS1)				Prepared & Analyzed: 11/13/12						
1,2-Dichloropropane	9.53	1.0	µg/L	10.0		95.3	70-130			
1,3-Dichloropropane	9.47	0.50	µg/L	10.0		94.7	70-130			
2,2-Dichloropropane	10.8	1.0	µg/L	10.0		108	40-130			†
1,1-Dichloropropene	10.3	2.0	µg/L	10.0		103	70-130			
cis-1,3-Dichloropropene	9.52	0.50	µg/L	10.0		95.2	70-130			
trans-1,3-Dichloropropene	9.74	0.50	µg/L	10.0		97.4	70-130			
Diethyl Ether	9.69	2.0	µg/L	10.0		96.9	70-130			
Diisopropyl Ether (DIPE)	10.4	0.50	µg/L	10.0		104	70-130			
1,4-Dioxane	94.2	50	µg/L	100		94.2	40-130			V-16, V-20 †
Ethylbenzene	9.67	1.0	µg/L	10.0		96.7	70-130			
Hexachlorobutadiene	8.33	0.50	µg/L	10.0		83.3	70-130			V-05
2-Hexanone (MBK)	115	10	µg/L	100		115	70-160			†
Isopropylbenzene (Cumene)	9.65	1.0	µg/L	10.0		96.5	70-130			
p-Isopropyltoluene (p-Cymene)	10.8	1.0	µg/L	10.0		108	70-130			
Methyl tert-Butyl Ether (MTBE)	11.0	1.0	µg/L	10.0		110	70-130			
Methylene Chloride	10.5	5.0	µg/L	10.0		105	70-130			
4-Methyl-2-pentanone (MIBK)	88.4	10	µg/L	100		88.4	70-160			†
Naphthalene	8.47	2.0	µg/L	10.0		84.7	40-130			†
n-Propylbenzene	9.70	1.0	µg/L	10.0		97.0	70-130			
Styrene	9.44	1.0	µg/L	10.0		94.4	70-130			
1,1,1,2-Tetrachloroethane	9.98	1.0	µg/L	10.0		99.8	70-130			
1,1,2,2-Tetrachloroethane	9.21	0.50	µg/L	10.0		92.1	70-130			
Tetrachloroethylene	9.57	1.0	µg/L	10.0		95.7	70-130			
Tetrahydrofuran	9.38	10	µg/L	10.0		93.8	70-130			
Toluene	9.80	1.0	µg/L	10.0		98.0	70-130			
1,2,3-Trichlorobenzene	8.17	5.0	µg/L	10.0		81.7	70-130			
1,2,4-Trichlorobenzene	8.56	2.0	µg/L	10.0		85.6	70-130			
1,3,5-Trichlorobenzene	8.00	5.0	µg/L	10.0		80.0	70-130			
1,1,1-Trichloroethane	10.0	1.0	µg/L	10.0		100	70-130			
1,1,2-Trichloroethane	8.88	1.0	µg/L	10.0		88.8	70-130			
Trichloroethylene	9.79	1.0	µg/L	10.0		97.9	70-130			
Trichlorofluoromethane (Freon 11)	9.76	2.0	µg/L	10.0		97.6	70-130			
1,2,3-Trichloropropane	9.24	2.0	µg/L	10.0		92.4	70-130			R-05
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.3	1.0	µg/L	10.0		113	70-130			
1,2,4-Trimethylbenzene	9.76	1.0	µg/L	10.0		97.6	70-130			
1,3,5-Trimethylbenzene	9.75	1.0	µg/L	10.0		97.5	70-130			
Vinyl Chloride	8.58	2.0	µg/L	10.0		85.8	40-160			†
m+p Xylene	19.3	2.0	µg/L	20.0		96.7	70-130			
o-Xylene	9.46	1.0	µg/L	10.0		94.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	25.3		µg/L	25.0		101	70-130			
Surrogate: Toluene-d8	25.7		µg/L	25.0		103	70-130			
Surrogate: 4-Bromofluorobenzene	25.4		µg/L	25.0		101	70-130			

QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B062742 - SW-846 5030B										
LCS Dup (B062742-BSD1)					Prepared & Analyzed: 11/13/12					
Acetone	213	50	µg/L	100		213	* 70-160	1.40	25	L-02 †
Acrylonitrile	13.6	5.0	µg/L	10.0		136	* 70-130	23.0	25	L-07
tert-Amyl Methyl Ether (TAME)	11.6	0.50	µg/L	10.0		116	70-130	20.4	25	
Benzene	11.8	1.0	µg/L	10.0		118	70-130	16.8	25	
Bromobenzene	11.3	1.0	µg/L	10.0		113	70-130	17.5	25	
Bromochloromethane	12.8	1.0	µg/L	10.0		128	70-130	21.4	25	
Bromodichloromethane	11.0	0.50	µg/L	10.0		110	70-130	14.4	25	
Bromoform	12.5	1.0	µg/L	10.0		125	70-130	29.9	* 25	R-05
Bromomethane	6.84	2.0	µg/L	10.0		68.4	40-160	26.7	* 25	R-05 †
2-Butanone (MEK)	162	20	µg/L	100		162	* 40-160	11.4	25	L-07 †
tert-Butyl Alcohol (TBA)	133	20	µg/L	100		133	40-160	35.3	* 25	R-05 †
n-Butylbenzene	8.83	5.0	µg/L	10.0		88.3	70-130	1.02	25	V-05
sec-Butylbenzene	9.70	1.0	µg/L	10.0		97.0	70-130	0.309	25	
tert-Butylbenzene	9.17	1.0	µg/L	10.0		91.7	70-130	1.30	25	
tert-Butyl Ethyl Ether (TBEE)	12.1	0.50	µg/L	10.0		121	70-130	17.8	25	
Carbon Disulfide	11.1	2.0	µg/L	10.0		111	70-130	10.3	25	
Carbon Tetrachloride	10.8	5.0	µg/L	10.0		108	70-130	6.22	25	
Chlorobenzene	10.8	1.0	µg/L	10.0		108	70-130	14.3	25	
Chlorodibromomethane	9.38	0.50	µg/L	10.0		93.8	70-130	2.59	25	
Chloroethane	11.4	2.0	µg/L	10.0		114	70-130	12.4	25	
Chloroform	11.8	2.0	µg/L	10.0		118	70-130	17.3	25	
Chloromethane	8.53	2.0	µg/L	10.0		85.3	40-160	4.92	25	†
2-Chlorotoluene	11.0	1.0	µg/L	10.0		110	70-130	15.8	25	
4-Chlorotoluene	11.5	1.0	µg/L	10.0		115	70-130	18.6	25	
1,2-Dibromo-3-chloropropane (DBCP)	8.81	5.0	µg/L	10.0		88.1	70-130	19.8	25	V-05
1,2-Dibromoethane (EDB)	10.3	0.50	µg/L	10.0		103	70-130	8.19	25	
Dibromomethane	12.0	1.0	µg/L	10.0		120	70-130	20.4	25	
1,2-Dichlorobenzene	9.67	1.0	µg/L	10.0		96.7	70-130	2.83	25	
1,3-Dichlorobenzene	12.1	1.0	µg/L	10.0		121	70-130	25.4	* 25	R-05
1,4-Dichlorobenzene	10.1	1.0	µg/L	10.0		101	70-130	6.23	25	
trans-1,4-Dichloro-2-butene	10.1	2.0	µg/L	10.0		101	70-130	4.16	25	
Dichlorodifluoromethane (Freon 12)	6.69	2.0	µg/L	10.0		66.9	40-160	0.600	25	†
1,1-Dichloroethane	12.3	1.0	µg/L	10.0		123	70-130	14.9	25	
1,2-Dichloroethane	11.4	1.0	µg/L	10.0		114	70-130	16.9	25	
1,1-Dichloroethylene	11.9	1.0	µg/L	10.0		119	70-130	11.9	25	
cis-1,2-Dichloroethylene	11.6	1.0	µg/L	10.0		116	70-130	16.9	25	
trans-1,2-Dichloroethylene	12.5	1.0	µg/L	10.0		125	70-130	15.6	25	
1,2-Dichloropropane	11.1	1.0	µg/L	10.0		111	70-130	15.3	25	
1,3-Dichloropropane	10.8	0.50	µg/L	10.0		108	70-130	13.3	25	
2,2-Dichloropropane	11.9	1.0	µg/L	10.0		119	40-130	9.79	25	†
1,1-Dichloropropene	12.1	2.0	µg/L	10.0		121	70-130	16.2	25	
cis-1,3-Dichloropropene	11.3	0.50	µg/L	10.0		113	70-130	16.7	25	
trans-1,3-Dichloropropene	12.2	0.50	µg/L	10.0		122	70-130	22.7	25	
Diethyl Ether	12.0	2.0	µg/L	10.0		120	70-130	21.7	25	
Diisopropyl Ether (DIPE)	12.6	0.50	µg/L	10.0		126	70-130	19.1	25	
1,4-Dioxane	139	50	µg/L	100		139	* 40-130	38.0	50	L-07, V-16, V-20 † ‡
Ethylbenzene	11.3	1.0	µg/L	10.0		113	70-130	15.8	25	
Hexachlorobutadiene	9.53	0.50	µg/L	10.0		95.3	70-130	13.4	25	V-05
2-Hexanone (MBK)	111	10	µg/L	100		111	70-160	3.49	25	†
Isopropylbenzene (Cumene)	11.6	1.0	µg/L	10.0		116	70-130	18.3	25	
p-Isopropyltoluene (p-Cymene)	11.8	1.0	µg/L	10.0		118	70-130	8.50	25	
Methyl tert-Butyl Ether (MTBE)	13.7	1.0	µg/L	10.0		137	* 70-130	21.3	25	L-07

QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B062742 - SW-846 5030B
LCS Dup (B062742-BSD1)

Prepared & Analyzed: 11/13/12

Methylene Chloride	12.2	5.0	µg/L	10.0		122	70-130	15.8	25	
4-Methyl-2-pentanone (MIBK)	112	10	µg/L	100		112	70-160	23.5	25	†
Naphthalene	9.30	2.0	µg/L	10.0		93.0	40-130	9.34	25	†
n-Propylbenzene	11.4	1.0	µg/L	10.0		114	70-130	16.5	25	
Styrene	11.2	1.0	µg/L	10.0		112	70-130	16.6	25	
1,1,1,2-Tetrachloroethane	11.9	1.0	µg/L	10.0		119	70-130	17.2	25	
1,1,2,2-Tetrachloroethane	11.2	0.50	µg/L	10.0		112	70-130	19.7	25	
Tetrachloroethylene	10.9	1.0	µg/L	10.0		109	70-130	13.0	25	
Tetrahydrofuran	11.6	10	µg/L	10.0		116	70-130	20.9	25	
Toluene	11.6	1.0	µg/L	10.0		116	70-130	16.5	25	
1,2,3-Trichlorobenzene	9.45	5.0	µg/L	10.0		94.5	70-130	14.5	25	
1,2,4-Trichlorobenzene	9.41	2.0	µg/L	10.0		94.1	70-130	9.46	25	
1,3,5-Trichlorobenzene	8.60	5.0	µg/L	10.0		86.0	70-130	7.23	25	
1,1,1-Trichloroethane	11.5	1.0	µg/L	10.0		115	70-130	13.4	25	
1,1,2-Trichloroethane	11.0	1.0	µg/L	10.0		110	70-130	21.1	25	
Trichloroethylene	11.1	1.0	µg/L	10.0		111	70-130	12.9	25	
Trichlorofluoromethane (Freon 11)	11.0	2.0	µg/L	10.0		110	70-130	11.6	25	
1,2,3-Trichloropropane	12.2	2.0	µg/L	10.0		122	70-130	27.4 *	25	R-05
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.6	1.0	µg/L	10.0		126	70-130	10.9	25	
1,2,4-Trimethylbenzene	9.49	1.0	µg/L	10.0		94.9	70-130	2.81	25	
1,3,5-Trimethylbenzene	11.8	1.0	µg/L	10.0		118	70-130	19.4	25	
Vinyl Chloride	8.52	2.0	µg/L	10.0		85.2	40-160	0.702	25	†
m+p Xylene	23.3	2.0	µg/L	20.0		117	70-130	18.6	25	
o-Xylene	11.1	1.0	µg/L	10.0		111	70-130	16.1	25	
Surrogate: 1,2-Dichloroethane-d4	25.3		µg/L	25.0		101	70-130			
Surrogate: Toluene-d8	25.0		µg/L	25.0		99.9	70-130			
Surrogate: 4-Bromofluorobenzene	25.6		µg/L	25.0		102	70-130			

Batch B062788 - SW-846 5035
Blank (B062788-BLK1)

Prepared & Analyzed: 11/14/12

Acetone	ND	0.10	mg/Kg wet							V-16
Acrylonitrile	ND	0.0060	mg/Kg wet							
tert-Amyl Methyl Ether (TAME)	ND	0.0010	mg/Kg wet							
Benzene	ND	0.0020	mg/Kg wet							
Bromobenzene	ND	0.0020	mg/Kg wet							
Bromochloromethane	ND	0.0020	mg/Kg wet							
Bromodichloromethane	ND	0.0020	mg/Kg wet							
Bromoform	ND	0.0020	mg/Kg wet							
Bromomethane	ND	0.010	mg/Kg wet							
2-Butanone (MEK)	ND	0.040	mg/Kg wet							V-16
tert-Butyl Alcohol (TBA)	ND	0.040	mg/Kg wet							V-16
n-Butylbenzene	ND	0.0020	mg/Kg wet							
sec-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butyl Ethyl Ether (TBEE)	ND	0.0020	mg/Kg wet							V-05
Carbon Disulfide	ND	0.0060	mg/Kg wet							
Carbon Tetrachloride	ND	0.0020	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0010	mg/Kg wet							
Chloroethane	ND	0.020	mg/Kg wet							
Chloroform	ND	0.0040	mg/Kg wet							

QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B062788 - SW-846 5035										
Blank (B062788-BLK1)				Prepared & Analyzed: 11/14/12						
Chloromethane	ND	0.010	mg/Kg wet							
2-Chlorotoluene	ND	0.0020	mg/Kg wet							
4-Chlorotoluene	ND	0.0020	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet							V-16
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg wet							
Dibromomethane	ND	0.0020	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet							
trans-1,4-Dichloro-2-butene	ND	0.0040	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg wet							
1,1-Dichloroethane	ND	0.0020	mg/Kg wet							
1,2-Dichloroethane	ND	0.0020	mg/Kg wet							
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
1,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,3-Dichloropropane	ND	0.0010	mg/Kg wet							
2,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,1-Dichloropropene	ND	0.0020	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							V-05
Diethyl Ether	ND	0.020	mg/Kg wet							
Diisopropyl Ether (DIPE)	ND	0.0010	mg/Kg wet							
1,4-Dioxane	ND	0.10	mg/Kg wet							V-16
Ethylbenzene	ND	0.0020	mg/Kg wet							
Hexachlorobutadiene	ND	0.0020	mg/Kg wet							
2-Hexanone (MBK)	ND	0.020	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.0020	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg wet							
Methylene Chloride	ND	0.020	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg wet							
Naphthalene	ND	0.0040	mg/Kg wet							
n-Propylbenzene	ND	0.0020	mg/Kg wet							
Styrene	ND	0.0020	mg/Kg wet							
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet							
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet							
Tetrachloroethylene	ND	0.0020	mg/Kg wet							
Tetrahydrofuran	ND	0.010	mg/Kg wet							R-05, V-16
Toluene	ND	0.0020	mg/Kg wet							
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,3,5-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet							
Trichloroethylene	ND	0.0020	mg/Kg wet							
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet							
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg wet							
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg wet							

QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B062788 - SW-846 5035
Blank (B062788-BLK1)

Prepared & Analyzed: 11/14/12

1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg wet							
Vinyl Chloride	ND	0.010	mg/Kg wet							
m+p Xylene	ND	0.0040	mg/Kg wet							
o-Xylene	ND	0.0020	mg/Kg wet							
Surrogate: 1,2-Dichloroethane-d4	0.0540		mg/Kg wet	0.0500		108	70-130			
Surrogate: Toluene-d8	0.0501		mg/Kg wet	0.0500		100	70-130			
Surrogate: 4-Bromofluorobenzene	0.0480		mg/Kg wet	0.0500		95.9	70-130			

LCS (B062788-BS1)

Prepared & Analyzed: 11/14/12

Acetone	0.191	0.10	mg/Kg wet	0.200		95.4	70-160		V-16	†
Acrylonitrile	0.0219	0.0060	mg/Kg wet	0.0200		110	70-130			
tert-Amyl Methyl Ether (TAME)	0.0182	0.0010	mg/Kg wet	0.0200		90.9	70-130			
Benzene	0.0227	0.0020	mg/Kg wet	0.0200		113	70-130			
Bromobenzene	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130			
Bromochloromethane	0.0235	0.0020	mg/Kg wet	0.0200		117	70-130			
Bromodichloromethane	0.0198	0.0020	mg/Kg wet	0.0200		99.1	70-130			
Bromoform	0.0167	0.0020	mg/Kg wet	0.0200		83.4	70-130			
Bromomethane	0.0156	0.010	mg/Kg wet	0.0200		77.9	40-130			†
2-Butanone (MEK)	0.202	0.040	mg/Kg wet	0.200		101	70-160		V-16	†
tert-Butyl Alcohol (TBA)	0.181	0.040	mg/Kg wet	0.200		90.5	40-130		V-16	†
n-Butylbenzene	0.0243	0.0020	mg/Kg wet	0.0200		121	70-130			
sec-Butylbenzene	0.0243	0.0020	mg/Kg wet	0.0200		122	70-130			
tert-Butylbenzene	0.0234	0.0020	mg/Kg wet	0.0200		117	70-160			†
tert-Butyl Ethyl Ether (TBEE)	0.0173	0.0020	mg/Kg wet	0.0200		86.4	70-130		V-05	
Carbon Disulfide	0.0223	0.0060	mg/Kg wet	0.0200		111	70-130			
Carbon Tetrachloride	0.0248	0.0020	mg/Kg wet	0.0200		124	70-130			
Chlorobenzene	0.0206	0.0020	mg/Kg wet	0.0200		103	70-130			
Chlorodibromomethane	0.0178	0.0010	mg/Kg wet	0.0200		89.0	70-130			
Chloroethane	0.0233	0.020	mg/Kg wet	0.0200		117	70-130			
Chloroform	0.0224	0.0040	mg/Kg wet	0.0200		112	70-130			
Chloromethane	0.0248	0.010	mg/Kg wet	0.0200		124	70-130			
2-Chlorotoluene	0.0212	0.0020	mg/Kg wet	0.0200		106	70-130			
4-Chlorotoluene	0.0218	0.0020	mg/Kg wet	0.0200		109	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	0.0182	0.0020	mg/Kg wet	0.0200		91.1	70-130		V-16	
1,2-Dibromoethane (EDB)	0.0211	0.0010	mg/Kg wet	0.0200		106	70-130			
Dibromomethane	0.0207	0.0020	mg/Kg wet	0.0200		104	70-130			
1,2-Dichlorobenzene	0.0212	0.0020	mg/Kg wet	0.0200		106	70-130			
1,3-Dichlorobenzene	0.0214	0.0020	mg/Kg wet	0.0200		107	70-130			
1,4-Dichlorobenzene	0.0225	0.0020	mg/Kg wet	0.0200		112	70-130			
trans-1,4-Dichloro-2-butene	0.0171	0.0040	mg/Kg wet	0.0200		85.5	70-130			
Dichlorodifluoromethane (Freon 12)	0.0166	0.020	mg/Kg wet	0.0200		83.2	40-160			†
1,1-Dichloroethane	0.0222	0.0020	mg/Kg wet	0.0200		111	70-130			
1,2-Dichloroethane	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130			
1,1-Dichloroethylene	0.0229	0.0040	mg/Kg wet	0.0200		115	70-130			
cis-1,2-Dichloroethylene	0.0217	0.0020	mg/Kg wet	0.0200		109	70-130			
trans-1,2-Dichloroethylene	0.0215	0.0020	mg/Kg wet	0.0200		108	70-130			
1,2-Dichloropropane	0.0201	0.0020	mg/Kg wet	0.0200		100	70-130			
1,3-Dichloropropane	0.0209	0.0010	mg/Kg wet	0.0200		105	70-130			
2,2-Dichloropropane	0.0196	0.0020	mg/Kg wet	0.0200		97.8	70-130			
1,1-Dichloropropene	0.0224	0.0020	mg/Kg wet	0.0200		112	70-130			
cis-1,3-Dichloropropene	0.0167	0.0010	mg/Kg wet	0.0200		83.5	70-130			
trans-1,3-Dichloropropene	0.0162	0.0010	mg/Kg wet	0.0200		81.1	70-130		V-05	

QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B062788 - SW-846 5035
LCS (B062788-BS1)

Prepared & Analyzed: 11/14/12

Diethyl Ether	0.0237	0.020	mg/Kg wet	0.0200		119	70-130			
Diisopropyl Ether (DIPE)	0.0236	0.0010	mg/Kg wet	0.0200		118	70-130			
1,4-Dioxane	0.209	0.10	mg/Kg wet	0.200		104	40-160			V-16 †
Ethylbenzene	0.0219	0.0020	mg/Kg wet	0.0200		109	70-130			
Hexachlorobutadiene	0.0208	0.0020	mg/Kg wet	0.0200		104	70-160			
2-Hexanone (MBK)	0.198	0.020	mg/Kg wet	0.200		98.9	70-160			†
Isopropylbenzene (Cumene)	0.0219	0.0020	mg/Kg wet	0.0200		109	70-130			
p-Isopropyltoluene (p-Cymene)	0.0244	0.0020	mg/Kg wet	0.0200		122	70-130			
Methyl tert-Butyl Ether (MTBE)	0.0213	0.0040	mg/Kg wet	0.0200		107	70-130			
Methylene Chloride	0.0187	0.020	mg/Kg wet	0.0200		93.4	40-160			†
4-Methyl-2-pentanone (MIBK)	0.203	0.020	mg/Kg wet	0.200		102	70-160			†
Naphthalene	0.0194	0.0040	mg/Kg wet	0.0200		97.0	40-130			†
n-Propylbenzene	0.0227	0.0020	mg/Kg wet	0.0200		114	70-130			
Styrene	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130			
1,1,1,2-Tetrachloroethane	0.0176	0.0020	mg/Kg wet	0.0200		88.2	70-130			
1,1,2,2-Tetrachloroethane	0.0216	0.0010	mg/Kg wet	0.0200		108	70-130			
Tetrachloroethylene	0.0201	0.0020	mg/Kg wet	0.0200		100	70-130			
Tetrahydrofuran	0.0243	0.010	mg/Kg wet	0.0200		122	70-130			V-16, V-20, R-05
Toluene	0.0200	0.0020	mg/Kg wet	0.0200		99.8	70-130			
1,2,3-Trichlorobenzene	0.0209	0.0020	mg/Kg wet	0.0200		104	70-130			
1,2,4-Trichlorobenzene	0.0214	0.0020	mg/Kg wet	0.0200		107	70-130			
1,3,5-Trichlorobenzene	0.0202	0.0020	mg/Kg wet	0.0200		101	70-130			
1,1,1-Trichloroethane	0.0210	0.0020	mg/Kg wet	0.0200		105	70-130			
1,1,2-Trichloroethane	0.0205	0.0020	mg/Kg wet	0.0200		102	70-130			
Trichloroethylene	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130			
Trichlorofluoromethane (Freon 11)	0.0226	0.010	mg/Kg wet	0.0200		113	70-130			
1,2,3-Trichloropropane	0.0213	0.0020	mg/Kg wet	0.0200		107	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0273	0.010	mg/Kg wet	0.0200		137 *	70-130			L-02
1,2,4-Trimethylbenzene	0.0231	0.0020	mg/Kg wet	0.0200		116	70-130			
1,3,5-Trimethylbenzene	0.0216	0.0020	mg/Kg wet	0.0200		108	70-130			
Vinyl Chloride	0.0211	0.010	mg/Kg wet	0.0200		106	40-130			†
m+p Xylene	0.0424	0.0040	mg/Kg wet	0.0400		106	70-130			
o-Xylene	0.0207	0.0020	mg/Kg wet	0.0200		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0528		mg/Kg wet	0.0500		106	70-130			
Surrogate: Toluene-d8	0.0511		mg/Kg wet	0.0500		102	70-130			
Surrogate: 4-Bromofluorobenzene	0.0498		mg/Kg wet	0.0500		99.6	70-130			

LCS Dup (B062788-BSD1)

Prepared & Analyzed: 11/14/12

Acetone	0.173	0.10	mg/Kg wet	0.200		86.6	70-160	9.60	25	V-16 †
Acrylonitrile	0.0203	0.0060	mg/Kg wet	0.0200		101	70-130	7.77	25	
tert-Amyl Methyl Ether (TAME)	0.0173	0.0010	mg/Kg wet	0.0200		86.6	70-130	4.85	25	
Benzene	0.0225	0.0020	mg/Kg wet	0.0200		113	70-130	0.531	25	
Bromobenzene	0.0191	0.0020	mg/Kg wet	0.0200		95.3	70-130	6.60	25	
Bromochloromethane	0.0230	0.0020	mg/Kg wet	0.0200		115	70-130	2.07	25	
Bromodichloromethane	0.0191	0.0020	mg/Kg wet	0.0200		95.7	70-130	3.49	25	
Bromoform	0.0161	0.0020	mg/Kg wet	0.0200		80.4	70-130	3.66	25	
Bromomethane	0.0176	0.010	mg/Kg wet	0.0200		87.9	40-130	12.1	25	†
2-Butanone (MEK)	0.174	0.040	mg/Kg wet	0.200		87.0	70-160	14.9	25	V-16 †
tert-Butyl Alcohol (TBA)	0.169	0.040	mg/Kg wet	0.200		84.6	40-130	6.67	25	V-16 †
n-Butylbenzene	0.0239	0.0020	mg/Kg wet	0.0200		119	70-130	1.66	25	
sec-Butylbenzene	0.0242	0.0020	mg/Kg wet	0.0200		121	70-130	0.329	25	
tert-Butylbenzene	0.0230	0.0020	mg/Kg wet	0.0200		115	70-160	1.47	25	†

QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B062788 - SW-846 5035										
LCS Dup (B062788-BSD1)				Prepared & Analyzed: 11/14/12						
tert-Butyl Ethyl Ether (TBEE)	0.0177	0.0020	mg/Kg wet	0.0200		88.5	70-130	2.40	25	V-05
Carbon Disulfide	0.0225	0.0060	mg/Kg wet	0.0200		113	70-130	1.07	25	
Carbon Tetrachloride	0.0253	0.0020	mg/Kg wet	0.0200		127	70-130	1.99	25	
Chlorobenzene	0.0200	0.0020	mg/Kg wet	0.0200		100	70-130	2.96	25	
Chlorodibromomethane	0.0167	0.0010	mg/Kg wet	0.0200		83.7	70-130	6.14	25	
Chloroethane	0.0243	0.020	mg/Kg wet	0.0200		122	70-130	4.03	25	
Chloroform	0.0222	0.0040	mg/Kg wet	0.0200		111	70-130	1.08	25	
Chloromethane	0.0252	0.010	mg/Kg wet	0.0200		126	70-130	1.36	25	
2-Chlorotoluene	0.0202	0.0020	mg/Kg wet	0.0200		101	70-130	4.83	25	
4-Chlorotoluene	0.0206	0.0020	mg/Kg wet	0.0200		103	70-130	5.28	25	
1,2-Dibromo-3-chloropropane (DBCP)	0.0167	0.0020	mg/Kg wet	0.0200		83.3	70-130	8.94	25	V-16
1,2-Dibromoethane (EDB)	0.0198	0.0010	mg/Kg wet	0.0200		99.2	70-130	6.25	25	
Dibromomethane	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130	1.65	25	
1,2-Dichlorobenzene	0.0202	0.0020	mg/Kg wet	0.0200		101	70-130	4.84	25	
1,3-Dichlorobenzene	0.0205	0.0020	mg/Kg wet	0.0200		102	70-130	4.40	25	
1,4-Dichlorobenzene	0.0211	0.0020	mg/Kg wet	0.0200		105	70-130	6.43	25	
trans-1,4-Dichloro-2-butene	0.0149	0.0040	mg/Kg wet	0.0200		74.6	70-130	13.6	25	
Dichlorodifluoromethane (Freon 12)	0.0169	0.020	mg/Kg wet	0.0200		84.7	40-160	1.79	25	†
1,1-Dichloroethane	0.0224	0.0020	mg/Kg wet	0.0200		112	70-130	0.988	25	
1,2-Dichloroethane	0.0202	0.0020	mg/Kg wet	0.0200		101	70-130	2.73	25	
1,1-Dichloroethylene	0.0232	0.0040	mg/Kg wet	0.0200		116	70-130	1.04	25	
cis-1,2-Dichloroethylene	0.0221	0.0020	mg/Kg wet	0.0200		111	70-130	1.82	25	
trans-1,2-Dichloroethylene	0.0221	0.0020	mg/Kg wet	0.0200		111	70-130	2.75	25	
1,2-Dichloropropane	0.0209	0.0020	mg/Kg wet	0.0200		104	70-130	3.81	25	
1,3-Dichloropropane	0.0200	0.0010	mg/Kg wet	0.0200		100	70-130	4.59	25	
2,2-Dichloropropane	0.0201	0.0020	mg/Kg wet	0.0200		100	70-130	2.72	25	
1,1-Dichloropropene	0.0229	0.0020	mg/Kg wet	0.0200		114	70-130	1.94	25	
cis-1,3-Dichloropropene	0.0164	0.0010	mg/Kg wet	0.0200		81.9	70-130	1.93	25	
trans-1,3-Dichloropropene	0.0156	0.0010	mg/Kg wet	0.0200		77.8	70-130	4.15	25	V-05
Diethyl Ether	0.0225	0.020	mg/Kg wet	0.0200		113	70-130	5.10	25	
Diisopropyl Ether (DIPE)	0.0233	0.0010	mg/Kg wet	0.0200		117	70-130	1.02	25	
1,4-Dioxane	0.192	0.10	mg/Kg wet	0.200		96.0	40-160	8.29	50	V-16 † ‡
Ethylbenzene	0.0214	0.0020	mg/Kg wet	0.0200		107	70-130	2.31	25	
Hexachlorobutadiene	0.0201	0.0020	mg/Kg wet	0.0200		100	70-160	3.72	25	
2-Hexanone (MBK)	0.174	0.020	mg/Kg wet	0.200		86.8	70-160	13.1	25	†
Isopropylbenzene (Cumene)	0.0215	0.0020	mg/Kg wet	0.0200		107	70-130	1.85	25	
p-Isopropyltoluene (p-Cymene)	0.0248	0.0020	mg/Kg wet	0.0200		124	70-130	1.62	25	
Methyl tert-Butyl Ether (MTBE)	0.0203	0.0040	mg/Kg wet	0.0200		101	70-130	5.00	25	
Methylene Chloride	0.0191	0.020	mg/Kg wet	0.0200		95.5	40-160	2.22	25	†
4-Methyl-2-pentanone (MIBK)	0.179	0.020	mg/Kg wet	0.200		89.5	70-160	12.8	25	†
Naphthalene	0.0176	0.0040	mg/Kg wet	0.0200		88.0	40-130	9.73	25	†
n-Propylbenzene	0.0220	0.0020	mg/Kg wet	0.0200		110	70-130	3.22	25	
Styrene	0.0197	0.0020	mg/Kg wet	0.0200		98.7	70-130	5.42	25	
1,1,1,2-Tetrachloroethane	0.0173	0.0020	mg/Kg wet	0.0200		86.4	70-130	2.06	25	
1,1,2,2-Tetrachloroethane	0.0193	0.0010	mg/Kg wet	0.0200		96.7	70-130	11.2	25	
Tetrachloroethylene	0.0196	0.0020	mg/Kg wet	0.0200		98.1	70-130	2.22	25	
Tetrahydrofuran	0.0183	0.010	mg/Kg wet	0.0200		91.5	70-130	28.2 *	25	R-05, V-16, V-20
Toluene	0.0200	0.0020	mg/Kg wet	0.0200		99.8	70-130	0.00	25	
1,2,3-Trichlorobenzene	0.0193	0.0020	mg/Kg wet	0.0200		96.4	70-130	7.97	25	
1,2,4-Trichlorobenzene	0.0191	0.0020	mg/Kg wet	0.0200		95.4	70-130	11.4	25	
1,3,5-Trichlorobenzene	0.0192	0.0020	mg/Kg wet	0.0200		96.0	70-130	4.98	25	
1,1,1-Trichloroethane	0.0216	0.0020	mg/Kg wet	0.0200		108	70-130	2.54	25	

QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B062788 - SW-846 5035										
LCS Dup (B062788-BSD1)					Prepared & Analyzed: 11/14/12					
1,1,2-Trichloroethane	0.0199	0.0020	mg/Kg wet	0.0200		99.4	70-130	3.07	25	
Trichloroethylene	0.0206	0.0020	mg/Kg wet	0.0200		103	70-130	0.773	25	
Trichlorofluoromethane (Freon 11)	0.0230	0.010	mg/Kg wet	0.0200		115	70-130	1.58	25	
1,2,3-Trichloropropane	0.0194	0.0020	mg/Kg wet	0.0200		96.9	70-130	9.53	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0273	0.010	mg/Kg wet	0.0200		136 *	70-130	0.146	25	L-02
1,2,4-Trimethylbenzene	0.0227	0.0020	mg/Kg wet	0.0200		114	70-130	1.75	25	
1,3,5-Trimethylbenzene	0.0207	0.0020	mg/Kg wet	0.0200		104	70-130	3.97	25	
Vinyl Chloride	0.0214	0.010	mg/Kg wet	0.0200		107	40-130	1.51	25	†
m+p Xylene	0.0414	0.0040	mg/Kg wet	0.0400		104	70-130	2.43	25	
o-Xylene	0.0200	0.0020	mg/Kg wet	0.0200		100	70-130	3.63	25	
Surrogate: 1,2-Dichloroethane-d4	0.0508		mg/Kg wet	0.0500		102	70-130			
Surrogate: Toluene-d8	0.0508		mg/Kg wet	0.0500		102	70-130			
Surrogate: 4-Bromofluorobenzene	0.0497		mg/Kg wet	0.0500		99.4	70-130			

QUALITY CONTROL
Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B062681 - SW-846 3510C
Blank (B062681-BLK1)

Prepared & Analyzed: 11/13/12

Acenaphthene	ND	5.0	µg/L							
Acenaphthylene	ND	5.0	µg/L							
Acetophenone	ND	10	µg/L							
Aniline	ND	5.0	µg/L							
Anthracene	ND	5.0	µg/L							
Benzidine	ND	10	µg/L							R-05
Benzo(a)anthracene	ND	5.0	µg/L							
Benzo(a)pyrene	ND	5.0	µg/L							
Benzo(b)fluoranthene	ND	5.0	µg/L							
Benzo(g,h,i)perylene	ND	5.0	µg/L							
Benzo(k)fluoranthene	ND	5.0	µg/L							
Benzoic Acid	ND	10	µg/L							
Bis(2-chloroethoxy)methane	ND	10	µg/L							
Bis(2-chloroethyl)ether	ND	10	µg/L							
Bis(2-chloroisopropyl)ether	ND	10	µg/L							R-05
Bis(2-Ethylhexyl)phthalate	ND	10	µg/L							
4-Bromophenylphenylether	ND	10	µg/L							
Butylbenzylphthalate	ND	10	µg/L							
Carbazole	ND	10	µg/L							
4-Chloroaniline	ND	10	µg/L							R-05
4-Chloro-3-methylphenol	ND	10	µg/L							
2-Chloronaphthalene	ND	10	µg/L							
2-Chlorophenol	ND	10	µg/L							
4-Chlorophenylphenylether	ND	10	µg/L							
Chrysene	ND	5.0	µg/L							
Dibenz(a,h)anthracene	ND	5.0	µg/L							
Dibenzofuran	ND	5.0	µg/L							
Di-n-butylphthalate	ND	10	µg/L							
1,2-Dichlorobenzene	ND	5.0	µg/L							
1,3-Dichlorobenzene	ND	5.0	µg/L							
1,4-Dichlorobenzene	ND	5.0	µg/L							
3,3-Dichlorobenzidine	ND	10	µg/L							
2,4-Dichlorophenol	ND	10	µg/L							
Diethylphthalate	ND	10	µg/L							
2,4-Dimethylphenol	ND	10	µg/L							
Dimethylphthalate	ND	10	µg/L							
4,6-Dinitro-2-methylphenol	ND	10	µg/L							
2,4-Dinitrophenol	ND	10	µg/L							
2,4-Dinitrotoluene	ND	10	µg/L							
2,6-Dinitrotoluene	ND	10	µg/L							
Di-n-octylphthalate	ND	10	µg/L							
1,2-Diphenylhydrazine (as Azobenzene)	ND	10	µg/L							
Fluoranthene	ND	5.0	µg/L							V-05
Fluorene	ND	5.0	µg/L							
Hexachlorobenzene	ND	10	µg/L							
Hexachlorobutadiene	ND	10	µg/L							
Hexachlorocyclopentadiene	ND	10	µg/L							
Hexachloroethane	ND	10	µg/L							
Indeno(1,2,3-cd)pyrene	ND	5.0	µg/L							
Isophorone	ND	10	µg/L							
1-Methylnaphthalene	ND	5.0	µg/L							
2-Methylnaphthalene	ND	5.0	µg/L							

QUALITY CONTROL
Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B062681 - SW-846 3510C
Blank (B062681-BLK1)

Prepared & Analyzed: 11/13/12

2-Methylphenol	ND	10	µg/L							
3/4-Methylphenol	ND	10	µg/L							R-05
Naphthalene	ND	5.0	µg/L							
2-Nitroaniline	ND	10	µg/L							
3-Nitroaniline	ND	10	µg/L							
4-Nitroaniline	ND	10	µg/L							V-05
Nitrobenzene	ND	10	µg/L							
2-Nitrophenol	ND	10	µg/L							
4-Nitrophenol	ND	10	µg/L							V-05
N-Nitrosodimethylamine	ND	5.0	µg/L							R-05
N-Nitrosodiphenylamine	ND	10	µg/L							
N-Nitrosodi-n-propylamine	ND	10	µg/L							
Pentachloronitrobenzene	ND	10	µg/L							V-16
Pentachlorophenol	ND	10	µg/L							
Phenanthrene	ND	5.0	µg/L							
Phenol	ND	10	µg/L							
Pyrene	ND	5.0	µg/L							R-05
Pyridine	ND	5.0	µg/L							
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L							
1,2,4-Trichlorobenzene	ND	5.0	µg/L							
2,4,5-Trichlorophenol	ND	10	µg/L							
2,4,6-Trichlorophenol	ND	10	µg/L							

Surrogate: 2-Fluorophenol	107		µg/L	200		53.3	15-110			
Surrogate: Phenol-d6	67.2		µg/L	200		33.6	15-110			
Surrogate: Nitrobenzene-d5	84.6		µg/L	100		84.6	30-130			
Surrogate: 2-Fluorobiphenyl	91.7		µg/L	100		91.7	30-130			
Surrogate: 2,4,6-Tribromophenol	201		µg/L	200		101	15-110			
Surrogate: Terphenyl-d14	90.2		µg/L	100		90.2	30-130			

LCS (B062681-BS1)

Prepared & Analyzed: 11/13/12

Acenaphthene	90.0	5.0	µg/L	100		90.0	40-140			
Acenaphthylene	90.2	5.0	µg/L	100		90.2	40-140			
Acetophenone	91.3	10	µg/L	100		91.3	40-140			
Aniline	65.9	5.0	µg/L	100		65.9	40-140			
Anthracene	93.7	5.0	µg/L	100		93.7	40-140			
Benzidine	173	10	µg/L	100		173 *	40-140			L-07A
Benzo(a)anthracene	95.2	5.0	µg/L	100		95.2	40-140			
Benzo(a)pyrene	97.6	5.0	µg/L	100		97.6	40-140			
Benzo(b)fluoranthene	93.9	5.0	µg/L	100		93.9	40-140			
Benzo(g,h,i)perylene	106	5.0	µg/L	100		106	40-140			
Benzo(k)fluoranthene	96.8	5.0	µg/L	100		96.8	40-140			
Benzoic Acid	10.7	10	µg/L	100		10.7	10-130			†
Bis(2-chloroethoxy)methane	93.4	10	µg/L	100		93.4	40-140			
Bis(2-chloroethyl)ether	94.5	10	µg/L	100		94.5	40-140			
Bis(2-chloroisopropyl)ether	90.7	10	µg/L	100		90.7	40-140			R-05
Bis(2-Ethylhexyl)phthalate	99.1	10	µg/L	100		99.1	40-140			
4-Bromophenylphenylether	95.7	10	µg/L	100		95.7	40-140			
Butylbenzylphthalate	98.6	10	µg/L	100		98.6	40-140			
Carbazole	95.1	10	µg/L	100		95.1	40-140			
4-Chloroaniline	88.7	10	µg/L	100		88.7	40-140			R-05
4-Chloro-3-methylphenol	96.6	10	µg/L	100		96.6	30-130			
2-Chloronaphthalene	83.9	10	µg/L	100		83.9	40-140			

QUALITY CONTROL
Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B062681 - SW-846 3510C										
LCS (B062681-BS1)				Prepared & Analyzed: 11/13/12						
2-Chlorophenol	84.4	10	µg/L	100		84.4	30-130			
4-Chlorophenylphenylether	93.6	10	µg/L	100		93.6	40-140			
Chrysene	94.6	5.0	µg/L	100		94.6	40-140			
Dibenz(a,h)anthracene	111	5.0	µg/L	100		111	40-140			
Dibenzofuran	90.0	5.0	µg/L	100		90.0	40-140			
Di-n-butylphthalate	93.8	10	µg/L	100		93.8	40-140			
1,2-Dichlorobenzene	76.6	5.0	µg/L	100		76.6	40-140			
1,3-Dichlorobenzene	75.0	5.0	µg/L	100		75.0	40-140			
1,4-Dichlorobenzene	75.6	5.0	µg/L	100		75.6	40-140			
3,3-Dichlorobenzidine	110	10	µg/L	100		110	40-140			
2,4-Dichlorophenol	95.8	10	µg/L	100		95.8	30-130			
Diethylphthalate	89.6	10	µg/L	100		89.6	40-140			
2,4-Dimethylphenol	92.6	10	µg/L	100		92.6	30-130			
Dimethylphthalate	91.4	10	µg/L	100		91.4	40-140			
4,6-Dinitro-2-methylphenol	95.8	10	µg/L	100		95.8	30-130			
2,4-Dinitrophenol	82.8	10	µg/L	100		82.8	30-130			
2,4-Dinitrotoluene	95.2	10	µg/L	100		95.2	40-140			
2,6-Dinitrotoluene	97.2	10	µg/L	100		97.2	40-140			
Di-n-octylphthalate	100	10	µg/L	100		100	40-140			
1,2-Diphenylhydrazine (as Azobenzene)	89.4	10	µg/L	100		89.4	40-140			
Fluoranthene	92.5	5.0	µg/L	100		92.5	40-140			V-05
Fluorene	90.1	5.0	µg/L	100		90.1	40-140			
Hexachlorobenzene	95.6	10	µg/L	100		95.6	40-140			
Hexachlorobutadiene	84.1	10	µg/L	100		84.1	40-140			
Hexachlorocyclopentadiene	74.6	10	µg/L	100		74.6	30-140			†
Hexachloroethane	72.4	10	µg/L	100		72.4	40-140			
Indeno(1,2,3-cd)pyrene	105	5.0	µg/L	100		105	40-140			
Isophorone	97.6	10	µg/L	100		97.6	40-140			
1-Methylnaphthalene	90.9	5.0	µg/L	100		90.9	40-140			
2-Methylnaphthalene	89.2	5.0	µg/L	100		89.2	40-140			
2-Methylphenol	74.3	10	µg/L	100		74.3	30-130			
3/4-Methylphenol	157	10	µg/L	100		157 *	30-130			L-07A
Naphthalene	84.9	5.0	µg/L	100		84.9	40-140			
2-Nitroaniline	106	10	µg/L	100		106	40-140			
3-Nitroaniline	88.4	10	µg/L	100		88.4	40-140			
4-Nitroaniline	80.6	10	µg/L	100		80.6	40-140			V-05
Nitrobenzene	92.3	10	µg/L	100		92.3	40-140			
2-Nitrophenol	93.4	10	µg/L	100		93.4	30-130			
4-Nitrophenol	44.4	10	µg/L	100		44.4	10-130			V-05 †
N-Nitrosodimethylamine	47.0	5.0	µg/L	100		47.0	40-140			R-05
N-Nitrosodiphenylamine	129	10	µg/L	100		129	40-140			
N-Nitrosodi-n-propylamine	89.6	10	µg/L	100		89.6	40-140			
Pentachloronitrobenzene	99.6	10	µg/L	100		99.6	40-140			V-16
Pentachlorophenol	86.8	10	µg/L	100		86.8	30-130			
Phenanthrene	91.0	5.0	µg/L	100		91.0	40-140			
Phenol	34.7	10	µg/L	100		34.7	20-130			†
Pyrene	106	5.0	µg/L	100		106	40-140			R-05
Pyridine	36.8	5.0	µg/L	100		36.8	10-140			†
1,2,4,5-Tetrachlorobenzene	87.5	10	µg/L	100		87.5	40-140			
1,2,4-Trichlorobenzene	86.6	5.0	µg/L	100		86.6	40-140			
2,4,5-Trichlorophenol	92.4	10	µg/L	100		92.4	30-130			
2,4,6-Trichlorophenol	95.1	10	µg/L	100		95.1	30-130			

QUALITY CONTROL
Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B062681 - SW-846 3510C										
LCS (B062681-BS1)				Prepared & Analyzed: 11/13/12						
Surrogate: 2-Fluorophenol	131		µg/L	200		65.4	15-110			
Surrogate: Phenol-d6	81.9		µg/L	200		41.0	15-110			
Surrogate: Nitrobenzene-d5	95.6		µg/L	100		95.6	30-130			
Surrogate: 2-Fluorobiphenyl	93.2		µg/L	100		93.2	30-130			
Surrogate: 2,4,6-Tribromophenol	243		µg/L	200		121 *	15-110			S-07
Surrogate: Terphenyl-d14	118		µg/L	100		118	30-130			
LCS Dup (B062681-BSD1)				Prepared & Analyzed: 11/13/12						
Acenaphthene	80.9	5.0	µg/L	100		80.9	40-140	10.6	20	
Acenaphthylene	79.1	5.0	µg/L	100		79.1	40-140	13.1	20	
Acetophenone	77.1	10	µg/L	100		77.1	40-140	16.9	20	
Aniline	48.2	5.0	µg/L	100		48.2	40-140	30.9	50	‡
Anthracene	87.1	5.0	µg/L	100		87.1	40-140	7.24	20	
Benzidine	124	10	µg/L	100		124	40-140	32.9 *	20	R-05
Benzo(a)anthracene	91.3	5.0	µg/L	100		91.3	40-140	4.25	20	
Benzo(a)pyrene	93.8	5.0	µg/L	100		93.8	40-140	3.88	20	
Benzo(b)fluoranthene	93.5	5.0	µg/L	100		93.5	40-140	0.395	20	
Benzo(g,h,i)perylene	96.1	5.0	µg/L	100		96.1	40-140	9.84	20	
Benzo(k)fluoranthene	93.6	5.0	µg/L	100		93.6	40-140	3.40	20	
Benzoic Acid	11.0	10	µg/L	100		11.0	10-130	3.59	50	† ‡
Bis(2-chloroethoxy)methane	85.3	10	µg/L	100		85.3	40-140	9.10	20	
Bis(2-chloroethyl)ether	77.5	10	µg/L	100		77.5	40-140	19.7	20	
Bis(2-chloroisopropyl)ether	74.1	10	µg/L	100		74.1	40-140	20.1 *	20	R-05
Bis(2-Ethylhexyl)phthalate	94.2	10	µg/L	100		94.2	40-140	5.12	20	
4-Bromophenylphenylether	86.6	10	µg/L	100		86.6	40-140	10.0	20	
Butylbenzylphthalate	91.8	10	µg/L	100		91.8	40-140	7.20	20	
Carbazole	89.9	10	µg/L	100		89.9	40-140	5.58	20	
4-Chloroaniline	72.0	10	µg/L	100		72.0	40-140	20.7 *	20	R-05
4-Chloro-3-methylphenol	88.0	10	µg/L	100		88.0	30-130	9.33	20	
2-Chloronaphthalene	74.0	10	µg/L	100		74.0	40-140	12.5	20	
2-Chlorophenol	69.8	10	µg/L	100		69.8	30-130	18.8	20	
4-Chlorophenylphenylether	87.6	10	µg/L	100		87.6	40-140	6.59	20	
Chrysene	89.2	5.0	µg/L	100		89.2	40-140	5.90	20	
Dibenz(a,h)anthracene	101	5.0	µg/L	100		101	40-140	8.84	20	
Dibenzofuran	82.1	5.0	µg/L	100		82.1	40-140	9.16	20	
Di-n-butylphthalate	89.5	10	µg/L	100		89.5	40-140	4.67	20	
1,2-Dichlorobenzene	64.3	5.0	µg/L	100		64.3	40-140	17.4	20	
1,3-Dichlorobenzene	62.9	5.0	µg/L	100		62.9	40-140	17.6	20	
1,4-Dichlorobenzene	63.6	5.0	µg/L	100		63.6	40-140	17.2	20	
3,3-Dichlorobenzidine	107	10	µg/L	100		107	40-140	2.76	20	
2,4-Dichlorophenol	83.2	10	µg/L	100		83.2	30-130	14.1	20	
Diethylphthalate	89.1	10	µg/L	100		89.1	40-140	0.605	20	
2,4-Dimethylphenol	80.3	10	µg/L	100		80.3	30-130	14.2	20	
Dimethylphthalate	88.7	10	µg/L	100		88.7	40-140	2.93	50	‡
4,6-Dinitro-2-methylphenol	91.9	10	µg/L	100		91.9	30-130	4.12	50	‡
2,4-Dinitrophenol	87.4	10	µg/L	100		87.4	30-130	5.43	50	‡
2,4-Dinitrotoluene	94.1	10	µg/L	100		94.1	40-140	1.14	20	
2,6-Dinitrotoluene	92.7	10	µg/L	100		92.7	40-140	4.80	20	
Di-n-octylphthalate	101	10	µg/L	100		101	40-140	0.458	20	
1,2-Diphenylhydrazine (as Azobenzene)	78.5	10	µg/L	100		78.5	40-140	13.0	20	
Fluoranthene	88.4	5.0	µg/L	100		88.4	40-140	4.55	20	V-05
Fluorene	84.6	5.0	µg/L	100		84.6	40-140	6.38	20	

QUALITY CONTROL
Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B062681 - SW-846 3510C
LCS Dup (B062681-BS1)

Prepared & Analyzed: 11/13/12

Hexachlorobenzene	86.3	10	µg/L	100		86.3	40-140	10.2	20	
Hexachlorobutadiene	70.5	10	µg/L	100		70.5	40-140	17.6	20	
Hexachlorocyclopentadiene	61.9	10	µg/L	100		61.9	30-140	18.6	50	† ‡
Hexachloroethane	60.9	10	µg/L	100		60.9	40-140	17.2	50	‡
Indeno(1,2,3-cd)pyrene	98.5	5.0	µg/L	100		98.5	40-140	5.93	50	‡
Isophorone	87.5	10	µg/L	100		87.5	40-140	10.9	20	
1-Methylnaphthalene	79.4	5.0	µg/L	100		79.4	40-140	13.5	20	
2-Methylnaphthalene	77.7	5.0	µg/L	100		77.7	40-140	13.8	20	
2-Methylphenol	62.2	10	µg/L	100		62.2	30-130	17.8	20	
3/4-Methylphenol	126	10	µg/L	100		126	30-130	21.9 *	20	R-05
Naphthalene	72.4	5.0	µg/L	100		72.4	40-140	15.9	20	
2-Nitroaniline	97.2	10	µg/L	100		97.2	40-140	8.36	20	
3-Nitroaniline	82.8	10	µg/L	100		82.8	40-140	6.54	20	
4-Nitroaniline	83.0	10	µg/L	100		83.0	40-140	2.98	20	V-05
Nitrobenzene	79.0	10	µg/L	100		79.0	40-140	15.6	20	
2-Nitrophenol	81.6	10	µg/L	100		81.6	30-130	13.4	20	
4-Nitrophenol	45.8	10	µg/L	100		45.8	10-130	3.33	50	V-05 † ‡
N-Nitrosodimethylamine	36.6	5.0	µg/L	100		36.6 *	40-140	25.0 *	20	L-07A
N-Nitrosodiphenylamine	116	10	µg/L	100		116	40-140	10.9	20	
N-Nitrosodi-n-propylamine	77.2	10	µg/L	100		77.2	40-140	14.9	20	
Pentachloronitrobenzene	94.5	10	µg/L	100		94.5	40-140	5.29	20	V-16
Pentachlorophenol	86.3	10	µg/L	100		86.3	30-130	0.555	50	‡
Phenanthrene	85.5	5.0	µg/L	100		85.5	40-140	6.25	20	
Phenol	28.6	10	µg/L	100		28.6	20-130	19.2	20	†
Pyrene	85.5	5.0	µg/L	100		85.5	40-140	21.0 *	20	R-05
Pyridine	25.9	5.0	µg/L	100		25.9	10-140	34.7	50	† ‡
1,2,4,5-Tetrachlorobenzene	73.0	10	µg/L	100		73.0	40-140	18.0	20	
1,2,4-Trichlorobenzene	74.1	5.0	µg/L	100		74.1	40-140	15.6	20	
2,4,5-Trichlorophenol	83.4	10	µg/L	100		83.4	30-130	10.3	20	
2,4,6-Trichlorophenol	85.0	10	µg/L	100		85.0	30-130	11.2	50	‡
Surrogate: 2-Fluorophenol	106		µg/L	200		52.9	15-110			
Surrogate: Phenol-d6	65.7		µg/L	200		32.8	15-110			
Surrogate: Nitrobenzene-d5	78.4		µg/L	100		78.4	30-130			
Surrogate: 2-Fluorobiphenyl	79.6		µg/L	100		79.6	30-130			
Surrogate: 2,4,6-Tribromophenol	238		µg/L	200		119 *	15-110			S-07
Surrogate: Terphenyl-d14	95.0		µg/L	100		95.0	30-130			

Batch B062684 - SW-846 3546
Blank (B062684-BLK1)

Prepared: 11/13/12 Analyzed: 11/14/12

Acenaphthene	ND	0.17	mg/Kg wet							
Acenaphthylene	ND	0.17	mg/Kg wet							
Acetophenone	ND	0.34	mg/Kg wet							
Aniline	ND	0.34	mg/Kg wet							
Anthracene	ND	0.17	mg/Kg wet							V-05
Benzydine	ND	0.34	mg/Kg wet							V-05
Benzo(a)anthracene	ND	0.17	mg/Kg wet							
Benzo(a)pyrene	ND	0.17	mg/Kg wet							
Benzo(b)fluoranthene	ND	0.17	mg/Kg wet							
Benzo(g,h,i)perylene	ND	0.17	mg/Kg wet							
Benzo(k)fluoranthene	ND	0.17	mg/Kg wet							
Benzoic Acid	ND	1.0	mg/Kg wet							L-04
Bis(2-chloroethoxy)methane	ND	0.34	mg/Kg wet							

QUALITY CONTROL
Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B062684 - SW-846 3546
Blank (B062684-BLK1)

Prepared: 11/13/12 Analyzed: 11/14/12

Bis(2-chloroethyl)ether	ND	0.34	mg/Kg wet							
Bis(2-chloroisopropyl)ether	ND	0.34	mg/Kg wet							
Bis(2-Ethylhexyl)phthalate	ND	0.34	mg/Kg wet							
4-Bromophenylphenylether	ND	0.34	mg/Kg wet							
Butylbenzylphthalate	ND	0.66	mg/Kg wet							
Carbazole	ND	0.17	mg/Kg wet							
4-Chloroaniline	ND	0.66	mg/Kg wet							
4-Chloro-3-methylphenol	ND	0.66	mg/Kg wet							
2-Chloronaphthalene	ND	0.34	mg/Kg wet							
2-Chlorophenol	ND	0.34	mg/Kg wet							
4-Chlorophenylphenylether	ND	0.34	mg/Kg wet							
Chrysene	ND	0.17	mg/Kg wet							
Dibenz(a,h)anthracene	ND	0.17	mg/Kg wet							
Dibenzofuran	ND	0.34	mg/Kg wet							
Di-n-butylphthalate	ND	0.34	mg/Kg wet							V-05
1,2-Dichlorobenzene	ND	0.34	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.34	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.34	mg/Kg wet							
3,3-Dichlorobenzidine	ND	0.17	mg/Kg wet							
2,4-Dichlorophenol	ND	0.34	mg/Kg wet							
Diethylphthalate	ND	0.34	mg/Kg wet							
2,4-Dimethylphenol	ND	0.34	mg/Kg wet							
Dimethylphthalate	ND	0.66	mg/Kg wet							
4,6-Dinitro-2-methylphenol	ND	0.34	mg/Kg wet							
2,4-Dinitrophenol	ND	0.66	mg/Kg wet							
2,4-Dinitrotoluene	ND	0.34	mg/Kg wet							
2,6-Dinitrotoluene	ND	0.34	mg/Kg wet							
Di-n-octylphthalate	ND	0.66	mg/Kg wet							
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.34	mg/Kg wet							
Fluoranthene	ND	0.17	mg/Kg wet							
Fluorene	ND	0.17	mg/Kg wet							
Hexachlorobenzene	ND	0.34	mg/Kg wet							
Hexachlorobutadiene	ND	0.34	mg/Kg wet							
Hexachlorocyclopentadiene	ND	0.66	mg/Kg wet							V-05
Hexachloroethane	ND	0.34	mg/Kg wet							
Indeno(1,2,3-cd)pyrene	ND	0.17	mg/Kg wet							
Isophorone	ND	0.34	mg/Kg wet							
1-Methylnaphthalene	ND	0.17	mg/Kg wet							
2-Methylnaphthalene	ND	0.17	mg/Kg wet							
2-Methylphenol	ND	0.34	mg/Kg wet							
3/4-Methylphenol	ND	0.34	mg/Kg wet							
Naphthalene	ND	0.17	mg/Kg wet							
2-Nitroaniline	ND	0.34	mg/Kg wet							
3-Nitroaniline	ND	0.34	mg/Kg wet							
4-Nitroaniline	ND	0.34	mg/Kg wet							
Nitrobenzene	ND	0.34	mg/Kg wet							
2-Nitrophenol	ND	0.34	mg/Kg wet							
4-Nitrophenol	ND	0.66	mg/Kg wet							
N-Nitrosodimethylamine	ND	0.34	mg/Kg wet							
N-Nitrosodiphenylamine	ND	0.34	mg/Kg wet							L-01
N-Nitrosodi-n-propylamine	ND	0.34	mg/Kg wet							
Pentachloronitrobenzene	ND	0.34	mg/Kg wet							V-16

QUALITY CONTROL
Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B062684 - SW-846 3546										
Blank (B062684-BLK1)				Prepared: 11/13/12 Analyzed: 11/14/12						
Pentachlorophenol	ND	0.34	mg/Kg wet							
Phenanthrene	ND	0.17	mg/Kg wet							
Phenol	ND	0.34	mg/Kg wet							
Pyrene	ND	0.17	mg/Kg wet							
Pyridine	ND	0.34	mg/Kg wet							
1,2,4,5-Tetrachlorobenzene	ND	0.34	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.34	mg/Kg wet							
2,4,5-Trichlorophenol	ND	0.34	mg/Kg wet							
2,4,6-Trichlorophenol	ND	0.34	mg/Kg wet							
Surrogate: 2-Fluorophenol	7.02		mg/Kg wet	6.67		105	30-130			
Surrogate: Phenol-d6	6.47		mg/Kg wet	6.67		97.1	30-130			
Surrogate: Nitrobenzene-d5	2.82		mg/Kg wet	3.33		84.5	30-130			
Surrogate: 2-Fluorobiphenyl	2.60		mg/Kg wet	3.33		77.9	30-130			
Surrogate: 2,4,6-Tribromophenol	6.07		mg/Kg wet	6.67		91.0	30-130			
Surrogate: Terphenyl-d14	2.56		mg/Kg wet	3.33		76.7	30-130			
LCS (B062684-BS1)				Prepared: 11/13/12 Analyzed: 11/14/12						
Acenaphthene	1.51	0.17	mg/Kg wet	1.67		90.4	40-140			
Acenaphthylene	1.50	0.17	mg/Kg wet	1.67		89.7	40-140			
Acetophenone	1.43	0.34	mg/Kg wet	1.67		85.7	40-140			
Aniline	1.16	0.34	mg/Kg wet	1.67		69.4	10-140			†
Anthracene	1.58	0.17	mg/Kg wet	1.67		94.6	40-140			V-05
Benidine	1.12	0.34	mg/Kg wet	1.67		67.2	40-140			V-05
Benzo(a)anthracene	1.51	0.17	mg/Kg wet	1.67		90.5	40-140			
Benzo(a)pyrene	1.58	0.17	mg/Kg wet	1.67		94.9	40-140			
Benzo(b)fluoranthene	1.70	0.17	mg/Kg wet	1.67		102	40-140			
Benzo(g,h,i)perylene	1.24	0.17	mg/Kg wet	1.67		74.6	40-140			
Benzo(k)fluoranthene	1.48	0.17	mg/Kg wet	1.67		88.6	40-140			
Benzoic Acid	0.468	1.0	mg/Kg wet	1.67		28.1	* 30-130			L-04
Bis(2-chloroethoxy)methane	2.05	0.34	mg/Kg wet	1.67		123	40-140			
Bis(2-chloroethyl)ether	1.57	0.34	mg/Kg wet	1.67		94.5	40-140			
Bis(2-chloroisopropyl)ether	1.57	0.34	mg/Kg wet	1.67		94.0	40-140			
Bis(2-Ethylhexyl)phthalate	1.42	0.34	mg/Kg wet	1.67		85.4	40-140			
4-Bromophenylphenylether	1.62	0.34	mg/Kg wet	1.67		97.4	40-140			
Butylbenzylphthalate	1.55	0.66	mg/Kg wet	1.67		93.2	40-140			
Carbazole	1.53	0.17	mg/Kg wet	1.67		91.6	40-140			
4-Chloroaniline	0.611	0.66	mg/Kg wet	1.67		36.6	10-140			†
4-Chloro-3-methylphenol	1.74	0.66	mg/Kg wet	1.67		104	30-130			
2-Chloronaphthalene	1.45	0.34	mg/Kg wet	1.67		87.0	40-140			
2-Chlorophenol	1.55	0.34	mg/Kg wet	1.67		93.1	30-130			
4-Chlorophenylphenylether	1.46	0.34	mg/Kg wet	1.67		87.6	40-140			
Chrysene	1.41	0.17	mg/Kg wet	1.67		84.7	40-140			
Dibenz(a,h)anthracene	1.34	0.17	mg/Kg wet	1.67		80.5	40-140			
Dibenzofuran	1.45	0.34	mg/Kg wet	1.67		86.9	40-140			
Di-n-butylphthalate	1.60	0.34	mg/Kg wet	1.67		96.0	40-140			V-05
1,2-Dichlorobenzene	1.44	0.34	mg/Kg wet	1.67		86.3	40-140			
1,3-Dichlorobenzene	1.35	0.34	mg/Kg wet	1.67		81.2	40-140			
1,4-Dichlorobenzene	1.35	0.34	mg/Kg wet	1.67		81.0	40-140			
3,3-Dichlorobenzidine	1.03	0.17	mg/Kg wet	1.67		61.8	20-140			†
2,4-Dichlorophenol	1.60	0.34	mg/Kg wet	1.67		96.2	30-130			
Diethylphthalate	1.59	0.34	mg/Kg wet	1.67		95.2	40-140			
2,4-Dimethylphenol	1.77	0.34	mg/Kg wet	1.67		106	30-130			

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B062684 - SW-846 3546										
LCS (B062684-BS1)				Prepared: 11/13/12 Analyzed: 11/14/12						
Dimethylphthalate	1.62	0.66	mg/Kg wet	1.67		97.5	40-140			
4,6-Dinitro-2-methylphenol	1.61	0.34	mg/Kg wet	1.67		96.6	30-130			
2,4-Dinitrophenol	0.902	0.66	mg/Kg wet	1.67		54.1	30-130			
2,4-Dinitrotoluene	1.72	0.34	mg/Kg wet	1.67		103	40-140			
2,6-Dinitrotoluene	1.61	0.34	mg/Kg wet	1.67		96.9	40-140			
Di-n-octylphthalate	1.67	0.66	mg/Kg wet	1.67		100	40-140			
1,2-Diphenylhydrazine (as Azobenzene)	1.78	0.34	mg/Kg wet	1.67		107	40-140			
Fluoranthene	1.60	0.17	mg/Kg wet	1.67		95.7	40-140			
Fluorene	1.28	0.17	mg/Kg wet	1.67		76.5	40-140			
Hexachlorobenzene	1.77	0.34	mg/Kg wet	1.67		106	40-140			
Hexachlorobutadiene	1.43	0.34	mg/Kg wet	1.67		85.8	40-140			
Hexachlorocyclopentadiene	1.03	0.66	mg/Kg wet	1.67		61.6	40-140			V-05
Hexachloroethane	1.31	0.34	mg/Kg wet	1.67		78.7	40-140			
Indeno(1,2,3-cd)pyrene	1.43	0.17	mg/Kg wet	1.67		85.9	40-140			
Isophorone	1.56	0.34	mg/Kg wet	1.67		93.7	40-140			
1-Methylnaphthalene	1.51	0.17	mg/Kg wet	1.67		90.5	40-140			
2-Methylnaphthalene	1.47	0.17	mg/Kg wet	1.67		88.4	40-140			
2-Methylphenol	1.75	0.34	mg/Kg wet	1.67		105	30-130			
3/4-Methylphenol	1.67	0.34	mg/Kg wet	1.67		100	30-130			
Naphthalene	1.41	0.17	mg/Kg wet	1.67		84.5	40-140			
2-Nitroaniline	1.50	0.34	mg/Kg wet	1.67		89.8	40-140			
3-Nitroaniline	1.23	0.34	mg/Kg wet	1.67		73.8	30-140			†
4-Nitroaniline	1.31	0.34	mg/Kg wet	1.67		78.6	40-140			
Nitrobenzene	1.50	0.34	mg/Kg wet	1.67		89.9	40-140			
2-Nitrophenol	1.58	0.34	mg/Kg wet	1.67		94.7	30-130			
4-Nitrophenol	1.54	0.66	mg/Kg wet	1.67		92.3	30-130			
N-Nitrosodimethylamine	1.62	0.34	mg/Kg wet	1.67		97.5	40-140			
N-Nitrosodiphenylamine	2.40	0.34	mg/Kg wet	1.67		144	* 40-140			L-01
N-Nitrosodi-n-propylamine	1.47	0.34	mg/Kg wet	1.67		88.4	40-140			
Pentachloronitrobenzene	1.75	0.34	mg/Kg wet	1.67		105	40-140			V-16
Pentachlorophenol	1.44	0.34	mg/Kg wet	1.67		86.2	30-130			
Phenanthrene	1.58	0.17	mg/Kg wet	1.67		95.0	40-140			
Phenol	1.32	0.34	mg/Kg wet	1.67		79.2	30-130			
Pyrene	1.56	0.17	mg/Kg wet	1.67		93.8	40-140			
Pyridine	1.19	0.34	mg/Kg wet	1.67		71.3	30-140			†
1,2,4,5-Tetrachlorobenzene	1.49	0.34	mg/Kg wet	1.67		89.2	40-140			
1,2,4-Trichlorobenzene	1.47	0.34	mg/Kg wet	1.67		88.0	40-140			
2,4,5-Trichlorophenol	1.35	0.34	mg/Kg wet	1.67		81.3	30-130			
2,4,6-Trichlorophenol	1.66	0.34	mg/Kg wet	1.67		99.7	30-130			
Surrogate: 2-Fluorophenol	7.54		mg/Kg wet	6.67		113	30-130			
Surrogate: Phenol-d6	6.56		mg/Kg wet	6.67		98.3	30-130			
Surrogate: Nitrobenzene-d5	3.00		mg/Kg wet	3.33		90.0	30-130			
Surrogate: 2-Fluorobiphenyl	2.77		mg/Kg wet	3.33		83.0	30-130			
Surrogate: 2,4,6-Tribromophenol	7.15		mg/Kg wet	6.67		107	30-130			
Surrogate: Terphenyl-d14	3.05		mg/Kg wet	3.33		91.5	30-130			

QUALITY CONTROL
Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B062684 - SW-846 3546										
LCS Dup (B062684-BSD1)					Prepared: 11/13/12 Analyzed: 11/14/12					
Acenaphthene	1.49	0.17	mg/Kg wet	1.67		89.4	40-140	1.13	30	
Acenaphthylene	1.46	0.17	mg/Kg wet	1.67		87.9	40-140	2.07	30	
Acetophenone	1.42	0.34	mg/Kg wet	1.67		84.9	40-140	0.937	30	
Aniline	1.10	0.34	mg/Kg wet	1.67		66.0	10-140	4.99	50	† ‡
Anthracene	1.55	0.17	mg/Kg wet	1.67		92.8	40-140	1.84	30	V-05
Benzidine	1.02	0.34	mg/Kg wet	1.67		61.1	40-140	9.60	30	V-05
Benzo(a)anthracene	1.50	0.17	mg/Kg wet	1.67		90.1	40-140	0.377	30	
Benzo(a)pyrene	1.58	0.17	mg/Kg wet	1.67		95.1	40-140	0.147	30	
Benzo(b)fluoranthene	1.71	0.17	mg/Kg wet	1.67		102	40-140	0.195	30	
Benzo(g,h,i)perylene	1.25	0.17	mg/Kg wet	1.67		75.2	40-140	0.747	30	
Benzo(k)fluoranthene	1.55	0.17	mg/Kg wet	1.67		93.1	40-140	4.91	30	
Benzoic Acid	0.430	1.0	mg/Kg wet	1.67		25.8	* 30-130	8.31	50	L-04 ‡
Bis(2-chloroethoxy)methane	2.03	0.34	mg/Kg wet	1.67		122	40-140	1.08	30	
Bis(2-chloroethyl)ether	1.57	0.34	mg/Kg wet	1.67		94.3	40-140	0.148	30	
Bis(2-chloroisopropyl)ether	1.55	0.34	mg/Kg wet	1.67		93.1	40-140	0.962	30	
Bis(2-Ethylhexyl)phthalate	1.44	0.34	mg/Kg wet	1.67		86.2	40-140	0.862	30	
4-Bromophenylphenylether	1.59	0.34	mg/Kg wet	1.67		95.2	40-140	2.29	30	
Butylbenzylphthalate	1.58	0.66	mg/Kg wet	1.67		94.8	40-140	1.72	30	
Carbazole	1.56	0.17	mg/Kg wet	1.67		93.5	40-140	1.99	30	
4-Chloroaniline	0.582	0.66	mg/Kg wet	1.67		34.9	10-140	4.81	30	†
4-Chloro-3-methylphenol	1.75	0.66	mg/Kg wet	1.67		105	30-130	0.497	30	
2-Chloronaphthalene	1.61	0.34	mg/Kg wet	1.67		96.5	40-140	10.3	30	
2-Chlorophenol	1.52	0.34	mg/Kg wet	1.67		90.9	30-130	2.39	30	
4-Chlorophenylphenylether	1.45	0.34	mg/Kg wet	1.67		86.8	40-140	0.917	30	
Chrysene	1.43	0.17	mg/Kg wet	1.67		85.9	40-140	1.31	30	
Dibenz(a,h)anthracene	1.33	0.17	mg/Kg wet	1.67		80.1	40-140	0.523	30	
Dibenzofuran	1.44	0.34	mg/Kg wet	1.67		86.6	40-140	0.300	30	
Di-n-butylphthalate	1.61	0.34	mg/Kg wet	1.67		96.4	40-140	0.333	30	V-05
1,2-Dichlorobenzene	1.39	0.34	mg/Kg wet	1.67		83.4	40-140	3.40	30	
1,3-Dichlorobenzene	1.34	0.34	mg/Kg wet	1.67		80.3	40-140	1.02	30	
1,4-Dichlorobenzene	1.33	0.34	mg/Kg wet	1.67		80.1	40-140	1.14	30	
3,3-Dichlorobenzidine	0.998	0.17	mg/Kg wet	1.67		59.9	20-140	3.16	50	† ‡
2,4-Dichlorophenol	1.61	0.34	mg/Kg wet	1.67		96.5	30-130	0.228	30	
Diethylphthalate	1.62	0.34	mg/Kg wet	1.67		97.3	40-140	2.18	30	
2,4-Dimethylphenol	1.76	0.34	mg/Kg wet	1.67		105	30-130	1.02	30	
Dimethylphthalate	1.65	0.66	mg/Kg wet	1.67		98.8	40-140	1.33	30	
4,6-Dinitro-2-methylphenol	1.65	0.34	mg/Kg wet	1.67		99.1	30-130	2.56	30	
2,4-Dinitrophenol	0.946	0.66	mg/Kg wet	1.67		56.8	30-130	4.76	30	
2,4-Dinitrotoluene	1.77	0.34	mg/Kg wet	1.67		106	40-140	3.36	30	
2,6-Dinitrotoluene	1.61	0.34	mg/Kg wet	1.67		96.4	40-140	0.476	30	
Di-n-octylphthalate	1.82	0.66	mg/Kg wet	1.67		109	40-140	8.58	30	
1,2-Diphenylhydrazine (as Azobenzene)	1.72	0.34	mg/Kg wet	1.67		103	40-140	3.13	30	
Fluoranthene	1.68	0.17	mg/Kg wet	1.67		101	40-140	4.99	30	
Fluorene	1.28	0.17	mg/Kg wet	1.67		77.1	40-140	0.755	30	
Hexachlorobenzene	1.74	0.34	mg/Kg wet	1.67		104	40-140	1.71	30	
Hexachlorobutadiene	1.45	0.34	mg/Kg wet	1.67		87.0	40-140	1.30	30	
Hexachlorocyclopentadiene	1.04	0.66	mg/Kg wet	1.67		62.3	40-140	1.10	30	V-05
Hexachloroethane	1.30	0.34	mg/Kg wet	1.67		77.8	40-140	1.15	30	
Indeno(1,2,3-cd)pyrene	1.41	0.17	mg/Kg wet	1.67		84.5	40-140	1.67	30	
Isophorone	1.62	0.34	mg/Kg wet	1.67		97.1	40-140	3.61	30	
1-Methylnaphthalene	1.48	0.17	mg/Kg wet	1.67		89.0	40-140	1.74	30	
2-Methylnaphthalene	1.50	0.17	mg/Kg wet	1.67		90.1	40-140	1.93	30	

QUALITY CONTROL
Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B062684 - SW-846 3546										
LCS Dup (B062684-BSD1)					Prepared: 11/13/12 Analyzed: 11/14/12					
2-Methylphenol	1.75	0.34	mg/Kg wet	1.67		105	30-130	0.171	30	
3/4-Methylphenol	1.67	0.34	mg/Kg wet	1.67		100	30-130	0.219	30	
Naphthalene	1.41	0.17	mg/Kg wet	1.67		84.8	40-140	0.307	30	
2-Nitroaniline	1.53	0.34	mg/Kg wet	1.67		91.9	40-140	2.29	30	
3-Nitroaniline	1.25	0.34	mg/Kg wet	1.67		74.8	30-140	1.35	30	†
4-Nitroaniline	1.35	0.34	mg/Kg wet	1.67		81.0	40-140	3.08	30	
Nitrobenzene	1.53	0.34	mg/Kg wet	1.67		91.9	40-140	2.27	30	
2-Nitrophenol	1.61	0.34	mg/Kg wet	1.67		96.6	30-130	2.01	30	
4-Nitrophenol	1.60	0.66	mg/Kg wet	1.67		96.1	30-130	4.04	50	‡
N-Nitrosodimethylamine	1.64	0.34	mg/Kg wet	1.67		98.7	40-140	1.22	30	
N-Nitrosodiphenylamine	2.36	0.34	mg/Kg wet	1.67		142	* 40-140	1.82	30	L-01
N-Nitrosodi-n-propylamine	1.45	0.34	mg/Kg wet	1.67		87.0	40-140	1.60	30	
Pentachloronitrobenzene	1.74	0.34	mg/Kg wet	1.67		104	40-140	0.841	30	V-16
Pentachlorophenol	1.46	0.34	mg/Kg wet	1.67		87.9	30-130	1.93	30	
Phenanthrene	1.63	0.17	mg/Kg wet	1.67		97.6	40-140	2.74	30	
Phenol	1.29	0.34	mg/Kg wet	1.67		77.3	30-130	2.45	30	
Pyrene	1.58	0.17	mg/Kg wet	1.67		95.0	40-140	1.27	30	
Pyridine	1.16	0.34	mg/Kg wet	1.67		69.7	30-140	2.30	30	†
1,2,4,5-Tetrachlorobenzene	1.48	0.34	mg/Kg wet	1.67		88.6	40-140	0.720	30	
1,2,4-Trichlorobenzene	1.49	0.34	mg/Kg wet	1.67		89.4	40-140	1.62	30	
2,4,5-Trichlorophenol	1.31	0.34	mg/Kg wet	1.67		78.5	30-130	3.45	30	
2,4,6-Trichlorophenol	1.65	0.34	mg/Kg wet	1.67		98.9	30-130	0.805	30	
Surrogate: 2-Fluorophenol	7.48		mg/Kg wet	6.67		112	30-130			
Surrogate: Phenol-d6	6.37		mg/Kg wet	6.67		95.5	30-130			
Surrogate: Nitrobenzene-d5	3.02		mg/Kg wet	3.33		90.7	30-130			
Surrogate: 2-Fluorobiphenyl	2.74		mg/Kg wet	3.33		82.2	30-130			
Surrogate: 2,4,6-Tribromophenol	7.28		mg/Kg wet	6.67		109	30-130			
Surrogate: Terphenyl-d14	3.08		mg/Kg wet	3.33		92.4	30-130			

QUALITY CONTROL

Tentatively Identified Compounds - Semivolatile Compounds (ESTIMATED VALUES REPORTED) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B062684 - SW-846 3546

Blank (B062684-BLK1)

Prepared: 11/13/12 Analyzed: 11/14/12

No TICs Found	0.0	mg/Kg wet

QUALITY CONTROL
Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B062693 - SW-846 3546										
Blank (B062693-BLK1)				Prepared: 11/13/12 Analyzed: 11/14/12						
Alachlor	ND	0.020	mg/Kg wet							
Alachlor [2C]	ND	0.020	mg/Kg wet							
Aldrin	ND	0.0050	mg/Kg wet							
Aldrin [2C]	ND	0.0050	mg/Kg wet							
alpha-BHC	ND	0.0050	mg/Kg wet							
alpha-BHC [2C]	ND	0.0050	mg/Kg wet							
beta-BHC	ND	0.0050	mg/Kg wet							
beta-BHC [2C]	ND	0.0050	mg/Kg wet							
delta-BHC	ND	0.0050	mg/Kg wet							
delta-BHC [2C]	ND	0.0050	mg/Kg wet							
gamma-BHC (Lindane)	ND	0.0020	mg/Kg wet							
gamma-BHC (Lindane) [2C]	ND	0.0020	mg/Kg wet							
Chlordane	ND	0.020	mg/Kg wet							
Chlordane [2C]	ND	0.020	mg/Kg wet							
4,4'-DDD	ND	0.0040	mg/Kg wet							
4,4'-DDD [2C]	ND	0.0040	mg/Kg wet							
4,4'-DDE	ND	0.0040	mg/Kg wet							
4,4'-DDE [2C]	ND	0.0040	mg/Kg wet							
4,4'-DDT	ND	0.0040	mg/Kg wet							
4,4'-DDT [2C]	ND	0.0040	mg/Kg wet							
Dieldrin	ND	0.0040	mg/Kg wet							
Dieldrin [2C]	ND	0.0040	mg/Kg wet							
Endosulfan I	ND	0.0050	mg/Kg wet							
Endosulfan I [2C]	ND	0.0050	mg/Kg wet							
Endosulfan II	ND	0.0080	mg/Kg wet							
Endosulfan II [2C]	ND	0.0080	mg/Kg wet							
Endosulfan Sulfate	ND	0.0080	mg/Kg wet							
Endosulfan Sulfate [2C]	ND	0.0080	mg/Kg wet							
Endrin	ND	0.0080	mg/Kg wet							
Endrin [2C]	ND	0.0080	mg/Kg wet							
Endrin Aldehyde	ND	0.0080	mg/Kg wet							
Endrin Aldehyde [2C]	ND	0.0080	mg/Kg wet							
Endrin Ketone	ND	0.0080	mg/Kg wet							
Endrin Ketone [2C]	ND	0.0080	mg/Kg wet							
Heptachlor	ND	0.0050	mg/Kg wet							
Heptachlor [2C]	ND	0.0050	mg/Kg wet							
Heptachlor Epoxide	ND	0.0050	mg/Kg wet							
Heptachlor Epoxide [2C]	ND	0.0050	mg/Kg wet							
Hexachlorobenzene	ND	0.0060	mg/Kg wet							
Hexachlorobenzene [2C]	ND	0.0060	mg/Kg wet							
Methoxychlor	ND	0.050	mg/Kg wet							
Methoxychlor [2C]	ND	0.050	mg/Kg wet							
Toxaphene	ND	0.10	mg/Kg wet							
Toxaphene [2C]	ND	0.10	mg/Kg wet							
Surrogate: Decachlorobiphenyl	0.190		mg/Kg wet	0.200		95.1	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.171		mg/Kg wet	0.200		85.7	30-150			
Surrogate: Tetrachloro-m-xylene	0.198		mg/Kg wet	0.200		99.0	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.188		mg/Kg wet	0.200		94.2	30-150			

QUALITY CONTROL
Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B062693 - SW-846 3546										
LCS (B062693-BS1)				Prepared: 11/13/12 Analyzed: 11/14/12						
Alachlor	0.019	0.020	mg/Kg wet	0.0200		94.8	40-140			
Alachlor [2C]	0.017	0.020	mg/Kg wet	0.0200		87.3	40-140			
Aldrin	0.020	0.0050	mg/Kg wet	0.0200		99.3	40-140			
Aldrin [2C]	0.019	0.0050	mg/Kg wet	0.0200		95.4	40-140			
alpha-BHC	0.019	0.0050	mg/Kg wet	0.0200		97.2	40-140			
alpha-BHC [2C]	0.019	0.0050	mg/Kg wet	0.0200		92.5	40-140			
beta-BHC	0.019	0.0050	mg/Kg wet	0.0200		97.0	40-140			
beta-BHC [2C]	0.019	0.0050	mg/Kg wet	0.0200		93.1	40-140			
delta-BHC	0.019	0.0050	mg/Kg wet	0.0200		95.6	40-140			
delta-BHC [2C]	0.019	0.0050	mg/Kg wet	0.0200		92.8	40-140			
gamma-BHC (Lindane)	0.018	0.0020	mg/Kg wet	0.0200		91.4	40-140			V-06
gamma-BHC (Lindane) [2C]	0.018	0.0020	mg/Kg wet	0.0200		91.5	40-140			
4,4'-DDD	0.021	0.0040	mg/Kg wet	0.0200		103	40-140			
4,4'-DDD [2C]	0.019	0.0040	mg/Kg wet	0.0200		93.4	40-140			
4,4'-DDE	0.020	0.0040	mg/Kg wet	0.0200		101	40-140			
4,4'-DDE [2C]	0.019	0.0040	mg/Kg wet	0.0200		93.9	40-140			
4,4'-DDT	0.019	0.0040	mg/Kg wet	0.0200		94.2	40-140			
4,4'-DDT [2C]	0.017	0.0040	mg/Kg wet	0.0200		83.7	40-140			
Dieldrin	0.020	0.0040	mg/Kg wet	0.0200		98.3	40-140			
Dieldrin [2C]	0.018	0.0040	mg/Kg wet	0.0200		90.3	40-140			
Endosulfan I	0.020	0.0050	mg/Kg wet	0.0200		98.5	40-140			
Endosulfan I [2C]	0.019	0.0050	mg/Kg wet	0.0200		93.0	40-140			
Endosulfan II	0.020	0.0080	mg/Kg wet	0.0200		98.8	40-140			
Endosulfan II [2C]	0.018	0.0080	mg/Kg wet	0.0200		92.3	40-140			
Endosulfan Sulfate	0.019	0.0080	mg/Kg wet	0.0200		96.7	40-140			
Endosulfan Sulfate [2C]	0.018	0.0080	mg/Kg wet	0.0200		91.4	40-140			
Endrin	0.020	0.0080	mg/Kg wet	0.0200		97.7	40-140			
Endrin [2C]	0.018	0.0080	mg/Kg wet	0.0200		90.7	40-140			
Endrin Aldehyde	0.020	0.0080	mg/Kg wet	0.0200		101	40-140			
Endrin Aldehyde [2C]	0.018	0.0080	mg/Kg wet	0.0200		92.0	40-140			
Endrin Ketone	0.020	0.0080	mg/Kg wet	0.0200		100	40-140			
Endrin Ketone [2C]	0.018	0.0080	mg/Kg wet	0.0200		90.7	40-140			
Heptachlor	0.019	0.0050	mg/Kg wet	0.0200		96.2	40-140			
Heptachlor [2C]	0.019	0.0050	mg/Kg wet	0.0200		93.2	40-140			
Heptachlor Epoxide	0.020	0.0050	mg/Kg wet	0.0200		99.4	40-140			
Heptachlor Epoxide [2C]	0.018	0.0050	mg/Kg wet	0.0200		92.2	40-140			
Hexachlorobenzene	0.020	0.0060	mg/Kg wet	0.0200		99.2	40-140			
Hexachlorobenzene [2C]	0.018	0.0060	mg/Kg wet	0.0200		90.2	40-140			
Methoxychlor	0.019	0.050	mg/Kg wet	0.0200		96.7	40-140			
Methoxychlor [2C]	0.017	0.050	mg/Kg wet	0.0200		84.6	40-140			
Surrogate: Decachlorobiphenyl	0.173		mg/Kg wet	0.200		86.5	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.154		mg/Kg wet	0.200		77.2	30-150			
Surrogate: Tetrachloro-m-xylene	0.170		mg/Kg wet	0.200		85.1	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.162		mg/Kg wet	0.200		81.1	30-150			

QUALITY CONTROL
Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B062693 - SW-846 3546										
LCS Dup (B062693-BSD1)				Prepared: 11/13/12 Analyzed: 11/14/12						
Alachlor	0.020	0.020	mg/Kg wet	0.0200		102	40-140	6.86	30	
Alachlor [2C]	0.019	0.020	mg/Kg wet	0.0200		93.8	40-140	7.19	30	
Aldrin	0.021	0.0050	mg/Kg wet	0.0200		107	40-140	7.14	30	
Aldrin [2C]	0.020	0.0050	mg/Kg wet	0.0200		102	40-140	7.05	30	
alpha-BHC	0.021	0.0050	mg/Kg wet	0.0200		105	40-140	7.41	30	
alpha-BHC [2C]	0.020	0.0050	mg/Kg wet	0.0200		99.8	40-140	7.58	30	
beta-BHC	0.021	0.0050	mg/Kg wet	0.0200		103	40-140	6.14	30	
beta-BHC [2C]	0.020	0.0050	mg/Kg wet	0.0200		99.8	40-140	7.03	30	
delta-BHC	0.020	0.0050	mg/Kg wet	0.0200		101	40-140	5.52	30	
delta-BHC [2C]	0.020	0.0050	mg/Kg wet	0.0200		100	40-140	7.77	30	
gamma-BHC (Lindane)	0.020	0.0020	mg/Kg wet	0.0200		98.3	40-140	7.26	30	V-06
gamma-BHC (Lindane) [2C]	0.020	0.0020	mg/Kg wet	0.0200		98.7	40-140	7.55	30	
4,4'-DDD	0.022	0.0040	mg/Kg wet	0.0200		110	40-140	6.40	30	
4,4'-DDD [2C]	0.020	0.0040	mg/Kg wet	0.0200		100	40-140	6.90	30	
4,4'-DDE	0.022	0.0040	mg/Kg wet	0.0200		108	40-140	6.44	30	
4,4'-DDE [2C]	0.020	0.0040	mg/Kg wet	0.0200		100	40-140	6.47	30	
4,4'-DDT	0.020	0.0040	mg/Kg wet	0.0200		102	40-140	7.75	30	
4,4'-DDT [2C]	0.018	0.0040	mg/Kg wet	0.0200		90.4	40-140	7.73	30	
Dieldrin	0.021	0.0040	mg/Kg wet	0.0200		104	40-140	5.93	30	
Dieldrin [2C]	0.019	0.0040	mg/Kg wet	0.0200		96.2	40-140	6.37	30	
Endosulfan I	0.021	0.0050	mg/Kg wet	0.0200		105	40-140	6.22	30	
Endosulfan I [2C]	0.020	0.0050	mg/Kg wet	0.0200		98.9	40-140	6.14	30	
Endosulfan II	0.021	0.0080	mg/Kg wet	0.0200		105	40-140	5.92	30	
Endosulfan II [2C]	0.020	0.0080	mg/Kg wet	0.0200		98.2	40-140	6.20	30	
Endosulfan Sulfate	0.021	0.0080	mg/Kg wet	0.0200		103	40-140	6.69	30	
Endosulfan Sulfate [2C]	0.020	0.0080	mg/Kg wet	0.0200		97.9	40-140	6.85	30	
Endrin	0.021	0.0080	mg/Kg wet	0.0200		104	40-140	6.51	30	
Endrin [2C]	0.019	0.0080	mg/Kg wet	0.0200		96.9	40-140	6.65	30	
Endrin Aldehyde	0.021	0.0080	mg/Kg wet	0.0200		107	40-140	5.67	30	
Endrin Aldehyde [2C]	0.019	0.0080	mg/Kg wet	0.0200		97.3	40-140	5.66	30	
Endrin Ketone	0.021	0.0080	mg/Kg wet	0.0200		106	40-140	6.13	30	
Endrin Ketone [2C]	0.019	0.0080	mg/Kg wet	0.0200		96.6	40-140	6.23	30	
Heptachlor	0.021	0.0050	mg/Kg wet	0.0200		104	40-140	7.61	30	
Heptachlor [2C]	0.020	0.0050	mg/Kg wet	0.0200		101	40-140	7.56	30	
Heptachlor Epoxide	0.021	0.0050	mg/Kg wet	0.0200		106	40-140	6.21	30	
Heptachlor Epoxide [2C]	0.020	0.0050	mg/Kg wet	0.0200		98.4	40-140	6.49	30	
Hexachlorobenzene	0.021	0.0060	mg/Kg wet	0.0200		106	40-140	6.86	30	
Hexachlorobenzene [2C]	0.019	0.0060	mg/Kg wet	0.0200		96.9	40-140	7.21	30	
Methoxychlor	0.021	0.050	mg/Kg wet	0.0200		104	40-140	7.46	30	
Methoxychlor [2C]	0.018	0.050	mg/Kg wet	0.0200		91.1	40-140	7.48	30	
Surrogate: Decachlorobiphenyl	0.185		mg/Kg wet	0.200		92.6	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.166		mg/Kg wet	0.200		82.9	30-150			
Surrogate: Tetrachloro-m-xylene	0.184		mg/Kg wet	0.200		91.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.174		mg/Kg wet	0.200		87.2	30-150			

QUALITY CONTROL
Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B062795 - SW-846 3546
Blank (B062795-BLK1)

Prepared: 11/14/12 Analyzed: 11/16/12

Aroclor-1016	ND	0.020	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1221	ND	0.020	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1232	ND	0.020	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1242	ND	0.020	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1248	ND	0.020	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1254	ND	0.020	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1260	ND	0.020	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1262	ND	0.020	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1268	ND	0.020	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.020	mg/Kg wet							
Surrogate: Decachlorobiphenyl	0.189		mg/Kg wet	0.200		94.7	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.210		mg/Kg wet	0.200		105	30-150			
Surrogate: Tetrachloro-m-xylene	0.130		mg/Kg wet	0.200		64.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.172		mg/Kg wet	0.200		86.0	30-150			

LCS (B062795-BS1)

Prepared: 11/14/12 Analyzed: 11/16/12

Aroclor-1016	0.18	0.10	mg/Kg wet	0.200		92.2	40-140			
Aroclor-1016 [2C]	0.20	0.10	mg/Kg wet	0.200		98.9	40-140			
Aroclor-1260	0.22	0.10	mg/Kg wet	0.200		109	40-140			
Aroclor-1260 [2C]	0.23	0.10	mg/Kg wet	0.200		115	40-140			
Surrogate: Decachlorobiphenyl	0.188		mg/Kg wet	0.200		93.8	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.196		mg/Kg wet	0.200		98.1	30-150			
Surrogate: Tetrachloro-m-xylene	0.140		mg/Kg wet	0.200		70.0	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.176		mg/Kg wet	0.200		87.8	30-150			

LCS Dup (B062795-BSD1)

Prepared: 11/14/12 Analyzed: 11/16/12

Aroclor-1016	0.19	0.10	mg/Kg wet	0.200		93.5	40-140	1.36	30	
Aroclor-1016 [2C]	0.20	0.10	mg/Kg wet	0.200		98.6	40-140	0.278	30	
Aroclor-1260	0.22	0.10	mg/Kg wet	0.200		108	40-140	1.29	30	
Aroclor-1260 [2C]	0.22	0.10	mg/Kg wet	0.200		109	40-140	5.74	30	
Surrogate: Decachlorobiphenyl	0.202		mg/Kg wet	0.200		101	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.210		mg/Kg wet	0.200		105	30-150			
Surrogate: Tetrachloro-m-xylene	0.148		mg/Kg wet	0.200		73.8	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.185		mg/Kg wet	0.200		92.7	30-150			

QUALITY CONTROL
Petroleum Hydrocarbons Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B062779 - SW-846 3546
Blank (B062779-BLK1)

Prepared & Analyzed: 11/14/12

Diesel Range Organics	ND	8.3	mg/Kg wet							
Surrogate: o-Terphenyl	2.80		mg/Kg wet	3.33		84.1	40-140			

LCS (B062779-BS1)

Prepared & Analyzed: 11/14/12

Diesel Range Organics	24.0	8.3	mg/Kg wet	33.3		72.0	40-140			
Surrogate: o-Terphenyl	2.49		mg/Kg wet	3.33		74.7	40-140			

LCS Dup (B062779-BSD1)

Prepared & Analyzed: 11/14/12

Diesel Range Organics	27.2	8.3	mg/Kg wet	33.3		81.5	40-140	12.4		
Surrogate: o-Terphenyl	2.83		mg/Kg wet	3.33		84.9	40-140			

Batch B062787 - SW-846 5035/5030B
Blank (B062787-BLK1)

Prepared & Analyzed: 11/13/12

Gasoline Range Organics (GRO)	ND	1.0	mg/Kg wet							
Surrogate: 1-Chloro-3-fluorobenzene	0.0154		mg/Kg wet	0.0150		102	70-130			

LCS (B062787-BS1)

Prepared & Analyzed: 11/13/12

Gasoline Range Organics (GRO)	0.208	0.010	mg/Kg wet	0.250		83.0	80-120			
Surrogate: 1-Chloro-3-fluorobenzene	0.0151		mg/Kg wet	0.0150		100	70-130			

QUALITY CONTROL
Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B062714 - SW-846 3050B
Blank (B062714-BLK1)

Prepared: 11/13/12 Analyzed: 11/14/12

Aluminum	ND	2.5	mg/Kg wet
Antimony	ND	2.5	mg/Kg wet
Arsenic	ND	2.5	mg/Kg wet
Barium	ND	2.5	mg/Kg wet
Beryllium	ND	0.25	mg/Kg wet
Cadmium	ND	0.25	mg/Kg wet
Calcium	ND	7.5	mg/Kg wet
Chromium	ND	0.50	mg/Kg wet
Cobalt	ND	2.5	mg/Kg wet
Copper	ND	0.50	mg/Kg wet
Iron	ND	2.5	mg/Kg wet
Lead	ND	0.75	mg/Kg wet
Magnesium	ND	7.5	mg/Kg wet
Manganese	ND	0.50	mg/Kg wet
Nickel	ND	0.50	mg/Kg wet
Potassium	ND	100	mg/Kg wet
Selenium	ND	2.5	mg/Kg wet
Silver	ND	0.50	mg/Kg wet
Sodium	ND	100	mg/Kg wet
Thallium	ND	2.5	mg/Kg wet
Vanadium	ND	1.0	mg/Kg wet
Zinc	ND	1.0	mg/Kg wet

LCS (B062714-BS1)

Prepared: 11/13/12 Analyzed: 11/14/12

Aluminum	7230	5.0	mg/Kg wet	8360	86.4	40.4-159.1
Antimony	77.9	5.0	mg/Kg wet	92.9	83.8	8.2-191.6
Arsenic	91.4	5.0	mg/Kg wet	94.5	96.7	82.2-117.5
Barium	163	5.0	mg/Kg wet	166	98.4	83.1-116.3
Beryllium	54.5	0.50	mg/Kg wet	52.6	104	83.8-116.2
Cadmium	57.5	0.50	mg/Kg wet	59.9	96.1	84-115.9
Calcium	6000	15	mg/Kg wet	6160	97.4	82.3-117.5
Chromium	67.7	0.99	mg/Kg wet	69.3	97.7	81.4-118.6
Cobalt	98.9	5.0	mg/Kg wet	101	97.9	83.8-115.8
Copper	80.7	0.99	mg/Kg wet	78.0	103	83.7-116.2
Iron	10100	5.0	mg/Kg wet	12800	78.7	50.6-149.2
Lead	85.4	1.5	mg/Kg wet	91.7	93.1	82.4-117.8
Magnesium	2790	15	mg/Kg wet	3030	92.1	76.2-123.8
Manganese	257	0.99	mg/Kg wet	283	90.9	81.6-118
Nickel	54.0	0.99	mg/Kg wet	56.6	95.4	82.2-117.8
Potassium	3590	200	mg/Kg wet	3820	94.1	73.6-126.4
Selenium	148	9.9	mg/Kg wet	159	93.1	79.2-120.8
Silver	31.9	0.99	mg/Kg wet	33.9	94.1	66.4-133.9
Sodium	624	200	mg/Kg wet	652	95.6	73.6-126.2
Thallium	107	5.0	mg/Kg wet	119	89.8	81.1-119.3
Vanadium	57.2	2.0	mg/Kg wet	56.3	102	72.8-127.2
Zinc	129	2.0	mg/Kg wet	137	93.9	81-119

QUALITY CONTROL
Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B062714 - SW-846 3050B
LCS (B062714-BS2)

Prepared: 11/13/12 Analyzed: 11/14/12

Lead	0.769	0.70	mg/Kg wet	0.699		110	80-120			

LCS Dup (B062714-BSD1)

Prepared: 11/13/12 Analyzed: 11/14/12

Aluminum	7270	5.0	mg/Kg wet	8360		86.9	40.4-159.1	0.580	30	
Antimony	79.3	5.0	mg/Kg wet	92.9		85.4	8.2-191.6	1.86	30	
Arsenic	87.8	5.0	mg/Kg wet	94.5		92.9	82.2-117.5	3.96	30	
Barium	170	5.0	mg/Kg wet	166		103	83.1-116.3	4.09	30	
Beryllium	53.8	0.50	mg/Kg wet	52.6		102	83.8-116.2	1.41	30	
Cadmium	57.7	0.50	mg/Kg wet	59.9		96.4	84-115.9	0.317	30	
Calcium	5820	15	mg/Kg wet	6160		94.4	82.3-117.5	3.15	30	
Chromium	67.7	1.0	mg/Kg wet	69.3		97.7	81.4-118.6	0.00362	30	
Cobalt	100	5.0	mg/Kg wet	101		99.0	83.8-115.8	1.18	30	
Copper	81.4	1.0	mg/Kg wet	78.0		104	83.7-116.2	0.877	30	
Iron	9640	5.0	mg/Kg wet	12800		75.3	50.6-149.2	4.47	30	
Lead	80.9	1.5	mg/Kg wet	91.7		88.3	82.4-117.8	5.37	30	
Magnesium	2780	15	mg/Kg wet	3030		91.7	76.2-123.8	0.387	30	
Manganese	257	1.0	mg/Kg wet	283		90.7	81.6-118	0.258	30	
Nickel	54.4	1.0	mg/Kg wet	56.6		96.1	82.2-117.8	0.780	30	
Potassium	3620	200	mg/Kg wet	3820		94.8	73.6-126.4	0.737	30	
Selenium	144	10	mg/Kg wet	159		90.8	79.2-120.8	2.50	30	
Silver	32.0	1.0	mg/Kg wet	33.9		94.5	66.4-133.9	0.369	30	
Sodium	635	200	mg/Kg wet	652		97.4	73.6-126.2	1.83	30	
Thallium	107	5.0	mg/Kg wet	119		90.1	81.1-119.3	0.243	30	
Vanadium	56.6	2.0	mg/Kg wet	56.3		101	72.8-127.2	0.932	30	
Zinc	129	2.0	mg/Kg wet	137		94.0	81-119	0.105	30	

Batch B062756 - SW-846 3005A
Blank (B062756-BLK1)

Prepared: 11/13/12 Analyzed: 11/14/12

Aluminum	ND	0.050	mg/L							
Calcium	ND	0.15	mg/L							
Iron	ND	0.050	mg/L							
Magnesium	ND	0.15	mg/L							
Potassium	ND	2.0	mg/L							
Sodium	ND	2.0	mg/L							

LCS (B062756-BS1)

Prepared: 11/13/12 Analyzed: 11/14/12

Aluminum	1.99	0.050	mg/L	2.00		99.3	80-120			
Calcium	1.90	0.15	mg/L	2.00		95.0	80-120			
Iron	1.89	0.050	mg/L	2.00		94.7	80-120			
Magnesium	1.94	0.15	mg/L	2.00		96.8	80-120			
Potassium	18.7	2.0	mg/L	20.0		93.5	80-120			
Sodium	1.93	2.0	mg/L	2.00		96.4	80-120			

QUALITY CONTROL
Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B062756 - SW-846 3005A
LCS Dup (B062756-BSD1)

Prepared: 11/13/12 Analyzed: 11/14/12

Aluminum	1.97	0.050	mg/L	2.00		98.7	80-120	0.661	20	
Calcium	1.88	0.15	mg/L	2.00		94.1	80-120	0.971	20	
Iron	1.88	0.050	mg/L	2.00		94.1	80-120	0.616	20	
Magnesium	1.92	0.15	mg/L	2.00		96.1	80-120	0.722	20	
Potassium	18.9	2.0	mg/L	20.0		94.6	80-120	1.24	20	
Sodium	1.95	2.0	mg/L	2.00		97.3	80-120	0.890	20	

Duplicate (B062756-DUP1)
Source: 12K0407-03

Prepared: 11/13/12 Analyzed: 11/14/12

Aluminum	0.430	0.050	mg/L		0.388			10.3	20	
Calcium	46.2	0.15	mg/L		45.2			2.11	20	
Iron	0.855	0.050	mg/L		0.728			16.0	20	
Magnesium	18.8	0.15	mg/L		18.4			2.20	20	
Potassium	4.78	2.0	mg/L		4.65			2.65	20	
Sodium	28.0	2.0	mg/L		27.4			2.25	20	

Matrix Spike (B062756-MS1)
Source: 12K0407-03

Prepared: 11/13/12 Analyzed: 11/14/12

Aluminum	2.61	0.050	mg/L	2.00	0.388	111	75-125			
Calcium	48.8	0.15	mg/L	2.00	45.2	181	*	75-125		MS-19
Iron	2.69	0.050	mg/L	2.00	0.728	98.0	75-125			
Magnesium	21.1	0.15	mg/L	2.00	18.4	133	*	75-125		MS-19
Potassium	24.4	2.0	mg/L	20.0	4.65	98.5	75-125			
Sodium	30.2	2.0	mg/L	2.00	27.4	141	*	75-125		MS-19

Batch B062758 - SW-846 3005A
Blank (B062758-BLK1)

Prepared: 11/13/12 Analyzed: 11/14/12

Antimony	ND	5.0	µg/L							
Arsenic	ND	2.0	µg/L							
Barium	ND	50	µg/L							
Beryllium	ND	2.0	µg/L							
Cadmium	ND	2.5	µg/L							
Chromium	ND	5.0	µg/L							
Cobalt	ND	5.0	µg/L							
Copper	ND	25	µg/L							
Lead	ND	5.0	µg/L							
Manganese	ND	5.0	µg/L							
Nickel	ND	25	µg/L							
Selenium	ND	25	µg/L							
Silver	ND	2.5	µg/L							
Thallium	ND	1.0	µg/L							
Vanadium	ND	25	µg/L							
Zinc	ND	50	µg/L							

QUALITY CONTROL
Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B062758 - SW-846 3005A
LCS (B062758-BS1)

Prepared: 11/13/12 Analyzed: 11/14/12

Antimony	260	5.0	µg/L	250		104	80-120			
Arsenic	262	2.0	µg/L	250		105	80-120			
Barium	253	50	µg/L	250		101	80-120			
Beryllium	247	2.0	µg/L	250		99.0	80-120			
Cadmium	256	2.5	µg/L	250		102	80-120			
Chromium	271	5.0	µg/L	250		108	80-120			
Cobalt	274	5.0	µg/L	250		110	80-120			
Copper	272	25	µg/L	250		109	80-120			
Lead	266	5.0	µg/L	250		107	80-120			
Manganese	268	5.0	µg/L	250		107	80-120			
Nickel	276	25	µg/L	250		110	80-120			
Selenium	263	25	µg/L	250		105	80-120			
Silver	246	2.5	µg/L	250		98.4	80-120			
Thallium	248	1.0	µg/L	250		99.1	80-120			
Vanadium	273	25	µg/L	250		109	80-120			
Zinc	271	50	µg/L	250		109	80-120			

LCS Dup (B062758-BSD1)

Prepared: 11/13/12 Analyzed: 11/14/12

Antimony	255	5.0	µg/L	250		102	80-120	2.09	20	
Arsenic	254	2.0	µg/L	250		102	80-120	3.03	20	
Barium	248	50	µg/L	250		99.3	80-120	2.01	20	
Beryllium	241	2.0	µg/L	250		96.5	80-120	2.55	20	
Cadmium	254	2.5	µg/L	250		102	80-120	0.775	20	
Chromium	260	5.0	µg/L	250		104	80-120	4.09	20	
Cobalt	260	5.0	µg/L	250		104	80-120	5.19	20	
Copper	263	25	µg/L	250		105	80-120	3.43	20	
Lead	259	5.0	µg/L	250		103	80-120	2.90	20	
Manganese	276	5.0	µg/L	250		111	80-120	3.01	20	
Nickel	261	25	µg/L	250		104	80-120	5.62	20	
Selenium	259	25	µg/L	250		104	80-120	1.42	20	
Silver	244	2.5	µg/L	250		97.7	80-120	0.657	20	
Thallium	241	1.0	µg/L	250		96.6	80-120	2.60	20	
Vanadium	266	25	µg/L	250		106	80-120	2.58	20	
Zinc	264	50	µg/L	250		106	80-120	2.62	20	

Batch B062775 - SW-846 7470A Prep
Blank (B062775-BLK1)

Prepared & Analyzed: 11/14/12

Mercury	ND	0.00010	mg/L							

LCS (B062775-BS1)

Prepared & Analyzed: 11/14/12

Mercury	0.00205	0.00010	mg/L	0.00200		102	80-120			

QUALITY CONTROL
Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B062775 - SW-846 7470A Prep										
LCS Dup (B062775-BSD1)				Prepared & Analyzed: 11/14/12						
Mercury	0.00201	0.00010	mg/L	0.00200		101	80-120	1.72	20	
Duplicate (B062775-DUP1)				Source: 12K0407-03 Prepared & Analyzed: 11/14/12						
Mercury	ND	0.00010	mg/L		ND			NC	20	
Matrix Spike (B062775-MS1)				Source: 12K0407-03 Prepared & Analyzed: 11/14/12						
Mercury	0.00205	0.00010	mg/L	0.00200	ND	103	75-125			
Batch B062780 - SW-846 7471										
Blank (B062780-BLK1)				Prepared: 11/14/12 Analyzed: 11/15/12						
Mercury	ND	0.025	mg/Kg wet							
LCS (B062780-BS1)				Prepared: 11/14/12 Analyzed: 11/15/12						
Mercury	4.11	0.33	mg/Kg wet	3.73		110	71.7-128.3			
LCS Dup (B062780-BSD1)				Prepared: 11/14/12 Analyzed: 11/15/12						
Mercury	3.40	0.32	mg/Kg wet	3.73		91.1	71.7-128.3	18.9	30	
Duplicate (B062780-DUP1)				Source: 12K0407-08 Prepared: 11/14/12 Analyzed: 11/15/12						
Mercury	ND	0.027	mg/Kg dry		ND			NC	35	
Matrix Spike (B062780-MS1)				Source: 12K0407-08 Prepared: 11/14/12 Analyzed: 11/15/12						
Mercury	0.211	0.027	mg/Kg dry	0.180	0.0164	108	75-125			

QUALITY CONTROL
Metals Analyses (Dissolved) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B062797 - SW-846 7470A Prep										
Blank (B062797-BLK1)				Prepared & Analyzed: 11/14/12						
Mercury	ND	0.00010	mg/L							
LCS (B062797-BS1)				Prepared & Analyzed: 11/14/12						
Mercury	0.00212	0.00010	mg/L	0.00200		106	80-120			
LCS Dup (B062797-BSD1)				Prepared & Analyzed: 11/14/12						
Mercury	0.00194	0.00010	mg/L	0.00200		97.1	80-120	8.78	20	
Duplicate (B062797-DUP1)				Source: 12K0407-03			Prepared & Analyzed: 11/14/12			
Mercury	ND	0.00010	mg/L		ND			NC	20	
Matrix Spike (B062797-MS1)				Source: 12K0407-03			Prepared & Analyzed: 11/14/12			
Mercury	0.00195	0.00010	mg/L	0.00200	ND	97.3	75-125			
Batch B062860 - SW-846 3005A Dissolved										
Blank (B062860-BLK1)				Prepared: 11/14/12 Analyzed: 11/15/12						
Antimony	ND	5.0	µg/L							
Arsenic	ND	2.0	µg/L							
Barium	ND	50	µg/L							
Beryllium	ND	2.0	µg/L							
Cadmium	ND	2.5	µg/L							
Chromium	ND	5.0	µg/L							
Cobalt	ND	5.0	µg/L							
Copper	ND	25	µg/L							
Lead	ND	5.0	µg/L							
Manganese	ND	5.0	µg/L							
Nickel	ND	25	µg/L							
Selenium	ND	25	µg/L							
Silver	ND	2.5	µg/L							
Thallium	ND	1.0	µg/L							
Vanadium	ND	25	µg/L							
Zinc	ND	50	µg/L							
LCS (B062860-BS1)				Prepared: 11/14/12 Analyzed: 11/15/12						
Antimony	512	10	µg/L	500		102	80-120			
Arsenic	498	4.0	µg/L	500		99.5	80-120			
Barium	503	100	µg/L	500		101	80-120			
Beryllium	556	4.0	µg/L	500		111	80-120			
Cadmium	508	5.0	µg/L	500		102	80-120			
Chromium	509	10	µg/L	500		102	80-120			
Cobalt	492	10	µg/L	500		98.3	80-120			
Copper	509	50	µg/L	500		102	80-120			
Lead	524	10	µg/L	500		105	80-120			
Manganese	508	10	µg/L	500		102	80-120			
Nickel	499	50	µg/L	500		99.9	80-120			
Selenium	502	50	µg/L	500		100	80-120			
Silver	485	5.0	µg/L	500		97.0	80-120			
Thallium	494	2.0	µg/L	500		98.8	80-120			
Vanadium	523	50	µg/L	500		105	80-120			
Zinc	519	100	µg/L	500		104	80-120			

QUALITY CONTROL
Metals Analyses (Dissolved) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B062860 - SW-846 3005A Dissolved
LCS Dup (B062860-BSD1)

Prepared: 11/14/12 Analyzed: 11/15/12

Antimony	502	10	µg/L	500		100	80-120	1.99	20	
Arsenic	497	4.0	µg/L	500		99.4	80-120	0.156	20	
Barium	491	100	µg/L	500		98.1	80-120	2.52	20	
Beryllium	545	4.0	µg/L	500		109	80-120	1.94	20	
Cadmium	490	5.0	µg/L	500		98.1	80-120	3.43	20	
Chromium	502	10	µg/L	500		100	80-120	1.40	20	
Cobalt	489	10	µg/L	500		97.9	80-120	0.434	20	
Copper	486	50	µg/L	500		97.1	80-120	4.79	20	
Lead	509	10	µg/L	500		102	80-120	2.92	20	
Manganese	505	10	µg/L	500		101	80-120	0.670	20	
Nickel	475	50	µg/L	500		95.0	80-120	4.97	20	
Selenium	503	50	µg/L	500		101	80-120	0.212	20	
Silver	499	5.0	µg/L	500		99.8	80-120	2.78	20	
Thallium	487	2.0	µg/L	500		97.4	80-120	1.41	20	
Vanadium	515	50	µg/L	500		103	80-120	1.55	20	
Zinc	505	100	µg/L	500		101	80-120	2.62	20	

Duplicate (B062860-DUP1)

Source: 12K0407-03

Prepared: 11/14/12 Analyzed: 11/15/12

Antimony	ND	5.0	µg/L		ND		NC	20		
Arsenic	ND	2.0	µg/L		ND		NC	20		
Barium	64.3	50	µg/L		59.4		8.01	20		
Beryllium	ND	2.0	µg/L		ND		NC	20		
Cadmium	ND	2.5	µg/L		ND		NC	20		
Chromium	25.3	5.0	µg/L		23.0		9.76	20		
Cobalt	ND	5.0	µg/L		ND		NC	20		
Copper	ND	25	µg/L		ND		NC	20		
Lead	ND	5.0	µg/L		ND		NC	20		
Manganese	205	5.0	µg/L		187		9.10	20		
Nickel	ND	25	µg/L		ND		NC	20		
Selenium	ND	25	µg/L		ND		NC	20		
Silver	ND	2.5	µg/L		ND		NC	20		
Thallium	ND	1.0	µg/L		ND		NC	20		
Vanadium	ND	25	µg/L		ND		NC	20		
Zinc	ND	50	µg/L		ND		NC	20		

Matrix Spike (B062860-MS1)

Source: 12K0407-03

Prepared: 11/14/12 Analyzed: 11/15/12

Antimony	542	10	µg/L	500	ND	108	75-125			
Arsenic	538	4.0	µg/L	500	ND	108	75-125			
Barium	597	100	µg/L	500	59.4	107	75-125			
Beryllium	582	4.0	µg/L	500	ND	116	75-125			
Cadmium	532	5.0	µg/L	500	ND	106	75-125			
Chromium	569	10	µg/L	500	23.0	109	75-125			
Cobalt	526	10	µg/L	500	1.49	105	75-125			
Copper	533	50	µg/L	500	3.79	106	75-125			
Lead	552	10	µg/L	500	ND	110	75-125			
Manganese	735	10	µg/L	500	187	110	75-125			
Nickel	543	50	µg/L	500	17.8	105	75-125			
Selenium	549	50	µg/L	500	ND	110	75-125			
Silver	483	5.0	µg/L	500	ND	96.5	75-125			
Thallium	517	2.0	µg/L	500	ND	103	75-125			
Vanadium	561	50	µg/L	500	ND	112	75-125			
Zinc	560	100	µg/L	500	12.7	109	75-125			

QUALITY CONTROL
Metals Analyses (Dissolved) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B062861 - SW-846 3005A Dissolved										
Blank (B062861-BLK1)				Prepared: 11/14/12 Analyzed: 11/15/12						
Aluminum	ND	0.050	mg/L							
Calcium	ND	0.15	mg/L							
Iron	ND	0.050	mg/L							
Magnesium	ND	0.15	mg/L							
Potassium	ND	2.0	mg/L							
Sodium	ND	2.0	mg/L							
LCS (B062861-BS2)				Prepared: 11/14/12 Analyzed: 11/15/12						
Aluminum	2.05	0.050	mg/L	2.00		102	80-120			
Calcium	2.04	0.15	mg/L	2.00		102	80-120			
Iron	2.00	0.050	mg/L	2.00		99.8	80-120			
Magnesium	2.06	0.15	mg/L	2.00		103	80-120			
Potassium	19.7	2.0	mg/L	20.0		98.3	80-120			
Sodium	2.01	2.0	mg/L	2.00		101	80-120			
LCS Dup (B062861-BSD2)				Prepared: 11/14/12 Analyzed: 11/15/12						
Aluminum	1.97	0.050	mg/L	2.00		98.5	80-120	3.80	20	
Calcium	1.95	0.15	mg/L	2.00		97.3	80-120	4.70	20	
Iron	1.91	0.050	mg/L	2.00		95.4	80-120	4.53	20	
Magnesium	1.99	0.15	mg/L	2.00		99.3	80-120	3.89	20	
Potassium	19.3	2.0	mg/L	20.0		96.3	80-120	2.05	20	
Sodium	1.96	2.0	mg/L	2.00		98.2	80-120	2.51	20	
Duplicate (B062861-DUP1)				Source: 12K0407-03		Prepared: 11/14/12 Analyzed: 11/15/12				
Aluminum	ND	0.050	mg/L		ND			NC	20	
Calcium	45.3	0.15	mg/L		46.2			2.00	20	
Iron	ND	0.050	mg/L		ND			NC	20	
Magnesium	18.3	0.15	mg/L		18.7			2.24	20	
Potassium	4.45	2.0	mg/L		4.57			2.52	20	
Sodium	27.2	2.0	mg/L		27.8			2.28	20	
Matrix Spike (B062861-MS1)				Source: 12K0407-03		Prepared: 11/14/12 Analyzed: 11/15/12				
Aluminum	0.490	0.050	mg/L	0.500	ND	98.0	75-125			
Calcium	47.0	0.15	mg/L	0.500	46.2	170	* 75-125			MS-19
Iron	0.480	0.050	mg/L	0.500	ND	95.9	75-125			
Magnesium	19.2	0.15	mg/L	0.500	18.7	105	75-125			
Potassium	9.39	2.0	mg/L	5.00	4.57	96.5	75-125			
Sodium	28.3	2.0	mg/L	0.500	27.8	107	75-125			

QUALITY CONTROL
Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B062697 - SM2580 A										
Duplicate (B062697-DUP1)		Source: 12K0407-05		Prepared & Analyzed: 11/13/12						
Oxidation/Reduction Potential	77.0		mV		75			2.63	16.2	
Batch B062706 - SW-846 9045C										
LCS (B062706-BS1)		Prepared & Analyzed: 11/13/12								
pH	6.03		pH Units	6.00		100	93.7-106			
Duplicate (B062706-DUP1)		Source: 12K0407-05		Prepared & Analyzed: 11/13/12						
pH	8.1		pH Units		8.1			0.248	7.49	
Batch B062736 - % Solids										
Duplicate (B062736-DUP4)		Source: 12K0407-01		Prepared: 11/13/12 Analyzed: 11/14/12						
% Solids	84.6		% Wt		84.5			0.118	20	
Batch B062935 - SW-846 9014										
Blank (B062935-BLK1)		Prepared & Analyzed: 11/16/12								
Cyanide	ND	0.50	mg/Kg wet							
LCS (B062935-BS1)		Prepared & Analyzed: 11/16/12								
Cyanide	68	2.5	mg/Kg wet	59.3		114	80-120			
LCS Dup (B062935-BSD1)		Prepared & Analyzed: 11/16/12								
Cyanide	65	2.5	mg/Kg wet	59.3		109	80-120	4.57	20	
Matrix Spike (B062935-MS3)		Source: 12K0407-05		Prepared & Analyzed: 11/16/12						
Cyanide	13	0.39	mg/Kg dry	13.4	0.59	90.5	75-125			
Matrix Spike Dup (B062935-MSD3)		Source: 12K0407-05		Prepared & Analyzed: 11/16/12						
Cyanide	16	0.46	mg/Kg dry	15.5	0.59	97.8	75-125	21.1	35	
Batch B063068 - SW-846 7196A										
Blank (B063068-BLK1)		Prepared: 11/16/12 Analyzed: 11/17/12								
Hexavalent Chromium	ND	0.16	mg/Kg wet							
LCS (B063068-BS1)		Prepared: 11/16/12 Analyzed: 11/17/12								
Hexavalent Chromium	230	10	mg/Kg wet	218		104	80-120			

QUALITY CONTROL
Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B063068 - SW-846 7196A

LCS Dup (B063068-BSD1)				Prepared: 11/16/12 Analyzed: 11/17/12						
Hexavalent Chromium	200	10	mg/Kg wet	217		93.8	80-120	10.7	20	
Matrix Spike (B063068-MS1) Soluble/Insoluble MS				Source: 12K0407-05		Prepared: 11/16/12 Analyzed: 11/17/12				
Hexavalent Chromium	38	1.9	mg/Kg dry	47.7	0.27	79.7	75-125			
Matrix Spike (B063068-MS2) Soluble/Insoluble MS				Source: 12K0407-05		Prepared: 11/16/12 Analyzed: 11/17/12				
Hexavalent Chromium	44	1.9	mg/Kg dry	47.3	0.27	93.4	75-125			
Matrix Spike (B063068-MS3) Soluble/Insoluble MS				Source: 12K0407-05		Prepared: 11/16/12 Analyzed: 11/17/12				
Hexavalent Chromium	470	19	mg/Kg dry	757	0.27	61.5 *	75-125			MS-16
Matrix Spike Dup (B063068-MSD1) Soluble MS Dup				Source: 12K0407-05		Prepared: 11/16/12 Analyzed: 11/17/12				
Hexavalent Chromium	40	1.9	mg/Kg dry	47.3	0.27	84.2	75-125	4.84	35	

BREAKDOWN REPORT

Lab Sample ID: S003219-PEM1 Analyzed: 11/14/2012

Column Number:	1
Analyte	% Breakdown
4,4'-DDT [1]	3.16
Endrin [1]	2.58

Column Number:	2
Analyte	% Breakdown
4,4'-DDT [2]	3.83
Endrin [2]	3.07

FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
E	Reported result is estimated. Value reported over verified calibration range.
L-01	Laboratory fortified blank /laboratory control sample recovery outside of control limits. Data validation is not affected since all results are "not detected" for all samples in this batch for this compound and bias is on the high side.
L-02	Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.
L-04	Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.
L-07	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.
L-07A	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD outside of control limits. Reduced precision anticipated for any reported result for this compound.
MS-07	Matrix spike recovery is outside of control limits. Analysis is in control based on laboratory fortified blank recovery. Possibility of sample matrix effects that lead to low bias for reported result or non-homogeneous sample aliquot cannot be eliminated.
MS-16	For solid method SW846-7196A, the matrix spike is outside of control limits. pH and ORP results were indicative of reducing conditions. Reanalysis is not required. Analysis is in control based on LCS recoveries.
MS-19	Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.
PR-03	Sample preserved in the laboratory, not in the field as required by the method.
R-05	Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.
S-07	One associated surrogate standard recovery is outside of control limits but the other(s) is/are within limits. All recoveries are > 10%.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.
V-06	Continuing calibration did not meet method specifications and was biased on the high side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the high side.
V-16	Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy may be associated with reported result.
V-19	Initial calibration did not meet method specifications. Compound was calibrated using linear regression with correlation coefficient <0.99.
V-20	Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

CERTIFICATIONS
Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 6010C in Soil</i>	
Aluminum	CT,NH,NY,ME,VA
Antimony	CT,NH,NY,NC,ME,VA
Arsenic	CT,NH,NY,ME,NC,VA
Barium	CT,NH,NY,ME,NC,VA
Beryllium	CT,NH,NY,ME,NC,VA
Cadmium	CT,NH,NY,ME,NC,VA
Calcium	CT,NH,NY,ME,NC,VA
Chromium	CT,NH,NY,ME,NC,VA
Cobalt	CT,NH,NY,ME,NC,VA
Copper	CT,NH,NY,ME,NC,VA
Iron	CT,NH,NY,ME,NC,VA
Lead	CT,NH,NY,AIHA,ME,NC,VA
Magnesium	CT,NH,NY,ME,NC,VA
Manganese	CT,NH,NY,ME,NC,VA
Nickel	CT,NH,NY,ME,NC,VA
Potassium	CT,NH,NY,ME,NC,VA
Selenium	CT,NH,NY,ME,NC,VA
Silver	CT,NH,NY,ME,NC,VA
Sodium	CT,NH,NY,ME,NC,VA
Thallium	CT,NH,NY,ME,NC,VA
Vanadium	CT,NH,NY,ME,NC,VA
Zinc	CT,NH,NY,ME,NC,VA
<i>SW-846 6010C in Water</i>	
Aluminum	CT,NH,NY,RI,ME,VA
Aluminum	CT,NY,NH,RI,ME,VA
Calcium	CT,NH,NY,RI,NC,ME,VA
Calcium	CT,NH,NY,RI,ME,NC,VA
Iron	CT,NH,NY,RI,ME,NC,VA
Iron	CT,NH,NY,RI,ME,NC,VA
Magnesium	CT,NH,NY,RI,ME,NC,VA
Magnesium	CT,NH,NY,RI,NC,ME,VA
Potassium	CT,NH,NY,RI,ME,NC,VA
Potassium	CT,NH,NY,RI,ME,NC,VA
Sodium	CT,NH,NY,RI,NC,ME,VA
Sodium	CT,NH,RI,NY,ME,NC,VA
<i>SW-846 6020A in Water</i>	
Antimony	CT,NH,NY,RI,NC,ME,VA
Antimony	CT,NH,NY,RI,NC,ME,VA
Arsenic	CT,NH,NY,RI,NC,ME,VA
Arsenic	CT,NH,NY,RI,NC,ME,VA
Barium	MA,NY,CT,NC,NH,ME,VA
Barium	CT,NH,NY,RI,NC,ME,VA
Beryllium	CT,NH,NY,RI,NC,ME,VA
Beryllium	CT,NH,NY,RI,NC,ME,VA
Cadmium	CT,NH,NY,RI,NC,ME,VA
Cadmium	CT,NH,NY,RI,NC,ME,VA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 6020A in Water	
Chromium	CT,NH,NY,RI,NC,ME,VA
Chromium	CT,NH,NY,RI,NC,ME,VA
Cobalt	CT,NH,NY,RI,NC,ME,VA
Cobalt	CT,NH,NY,RI,NC,ME,VA
Copper	CT,NH,NY,RI,NC,ME,VA
Copper	CT,NH,NY,RI,NC,ME,VA
Lead	CT,NH,NY,RI,NC,ME,VA
Lead	CT,NH,NY,RI,NC,ME,VA
Manganese	CT,NH,NY,RI,NC,ME,VA
Manganese	CT,NH,NY,RI,NC,ME,VA
Nickel	CT,NH,NY,RI,NC,ME,VA
Nickel	CT,NH,NY,RI,NC,ME,VA
Selenium	CT,NH,NY,RI,NC,ME,VA
Selenium	CT,NH,NY,RI,NC,ME,VA
Silver	CT,NC,NH,NY,RI,ME,VA
Silver	CT,NH,NY,RI,NC,ME,VA
Thallium	CT,NH,NY,RI,NC,ME,VA
Thallium	CT,NH,NY,RI,NC,ME,VA
Vanadium	CT,NC,NH,NY,RI,ME,VA
Vanadium	CT,NH,NY,RI,NC,ME,VA
Zinc	CT,NH,NY,RI,NC,ME,VA
Zinc	CT,NH,NY,RI,NC,ME,VA
SW-846 7196A in Soil	
Hexavalent Chromium	NY,CT,NH,NC,ME,VA
SW-846 7470A in Water	
Mercury	CT,NH,NY,RI,NC,ME,VA
Mercury	CT,NH,NY,RI,NC,ME,VA
SW-846 7471B in Soil	
Mercury	CT,NH,NY,NC,ME,VA
SW-846 8015C in Soil	
Gasoline Range Organics (GRO)	NY,NY,VA,NH
Diesel Range Organics	NY,VA,NH
SW-846 8081B in Soil	
Alachlor	NC
Alachlor [2C]	NC
Aldrin	CT,NH,NY,ME,NC,VA
Aldrin [2C]	CT,NH,NY,ME,NC,VA
alpha-BHC	CT,NH,NY,ME,NC,VA
alpha-BHC [2C]	CT,NH,NY,ME,NC,VA
beta-BHC	CT,NH,NY,ME,NC,VA
beta-BHC [2C]	CT,NH,NY,ME,NC,VA
delta-BHC	CT,NH,NY,ME,NC,VA
delta-BHC [2C]	CT,NH,NY,ME,NC,VA
gamma-BHC (Lindane)	CT,NH,NY,ME,NC,VA
gamma-BHC (Lindane) [2C]	CT,NH,NY,ME,NC,VA

CERTIFICATIONS
Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8081B in Soil</i>	
Chlordane	CT,NH,NY,ME,NC,VA
Chlordane [2C]	CT,NH,NY,ME,NC,VA
4,4'-DDD	CT,NH,NY,ME,NC,VA
4,4'-DDD [2C]	CT,NH,NY,ME,NC,VA
4,4'-DDE	CT,NH,NY,ME,NC,VA
4,4'-DDE [2C]	CT,NH,NY,ME,NC,VA
4,4'-DDT	CT,NH,NY,ME,NC,VA
4,4'-DDT [2C]	CT,NH,NY,ME,NC,VA
Dieldrin	CT,NH,NY,ME,NC,VA
Dieldrin [2C]	CT,NH,NY,ME,NC,VA
Endosulfan I	CT,NH,NY,ME,NC,VA
Endosulfan I [2C]	CT,NH,NY,ME,NC,VA
Endosulfan II	CT,NH,NY,ME,NC,VA
Endosulfan II [2C]	CT,NH,NY,ME,NC,VA
Endosulfan Sulfate	CT,NH,NY,ME,NC,VA
Endosulfan Sulfate [2C]	CT,NH,NY,ME,NC,VA
Endrin	CT,NH,NY,ME,NC,VA
Endrin [2C]	CT,NH,NY,ME,NC,VA
Endrin Aldehyde	CT,NH,NY,ME,NC,VA
Endrin Aldehyde [2C]	CT,NH,NY,ME,NC,VA
Endrin Ketone	NC
Endrin Ketone [2C]	NC
Heptachlor	CT,NH,NY,ME,NC,VA
Heptachlor [2C]	CT,NH,NY,ME,NC,VA
Heptachlor Epoxide	CT,NH,NY,ME,NC,VA
Heptachlor Epoxide [2C]	CT,NH,NY,ME,NC,VA
Hexachlorobenzene	NC
Hexachlorobenzene [2C]	NC
Methoxychlor	CT,NH,NY,ME,NC,VA
Methoxychlor [2C]	CT,NH,NY,ME,NC,VA
Toxaphene	CT,NH,NY,ME,NC,VA
Toxaphene [2C]	CT,NH,NY,ME,NC,VA
<i>SW-846 8081B in Water</i>	
Alachlor	NC
Alachlor [2C]	NC
Aldrin	CT,NH,NY,RI,ME,NC,VA
Aldrin [2C]	CT,NH,NY,RI,ME,NC,VA
alpha-BHC	CT,NH,NY,RI,ME,NC,VA
alpha-BHC [2C]	CT,NH,NY,RI,ME,NC,VA
beta-BHC	CT,NH,NY,RI,ME,NC,VA
beta-BHC [2C]	CT,NH,NY,RI,ME,NC,VA
delta-BHC	CT,NH,NY,RI,ME,NC,VA
delta-BHC [2C]	CT,NH,NY,RI,ME,NC,VA
gamma-BHC (Lindane)	CT,NH,NY,RI,ME,NC,VA
gamma-BHC (Lindane) [2C]	CT,NH,NY,RI,ME,NC,VA
Chlordane	CT,NH,NY,RI,ME,NC,VA

CERTIFICATIONS
Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8081B in Water</i>	
Chlordane [2C]	CT,NH,NY,RI,ME,NC,VA
4,4'-DDD	CT,NH,NY,RI,ME,NC,VA
4,4'-DDD [2C]	CT,NH,NY,RI,ME,NC,VA
4,4'-DDE	CT,NH,NY,RI,ME,NC,VA
4,4'-DDE [2C]	CT,NH,NY,RI,ME,NC,VA
4,4'-DDT	CT,NH,NY,RI,ME,NC,VA
4,4'-DDT [2C]	CT,NH,NY,RI,ME,NC,VA
Dieldrin	CT,NH,NY,RI,ME,NC,VA
Dieldrin [2C]	CT,NH,NY,RI,ME,NC,VA
Endosulfan I	CT,NH,NY,RI,ME,NC,VA
Endosulfan I [2C]	CT,NH,NY,RI,ME,NC,VA
Endosulfan II	CT,NH,NY,RI,ME,NC,VA
Endosulfan II [2C]	CT,NH,NY,RI,ME,NC,VA
Endosulfan Sulfate	CT,NH,NY,RI,ME,NC,VA
Endosulfan Sulfate [2C]	CT,NH,NY,RI,ME,NC,VA
Endrin	CT,NH,NY,RI,ME,NC,VA
Endrin [2C]	CT,NH,NY,RI,ME,NC,VA
Endrin Aldehyde	CT,NH,NY,RI,ME,NC,VA
Endrin Aldehyde [2C]	CT,NH,NY,RI,ME,NC,VA
Endrin Ketone	NC
Endrin Ketone [2C]	NC
Heptachlor	CT,NH,NY,RI,ME,NC,VA
Heptachlor [2C]	CT,NH,NY,RI,ME,NC,VA
Heptachlor Epoxide	CT,NH,NY,RI,ME,NC,VA
Heptachlor Epoxide [2C]	CT,NH,NY,RI,ME,NC,VA
Hexachlorobenzene	NC
Hexachlorobenzene [2C]	NC
Methoxychlor	CT,NH,NY,RI,ME,NC,VA
Methoxychlor [2C]	CT,NH,NY,RI,ME,NC,VA
Toxaphene	CT,NH,NY,RI,ME,NC,VA
Toxaphene [2C]	CT,NH,NY,RI,ME,NC,VA
<i>SW-846 8082A in Soil</i>	
Aroclor-1016	CT,NH,NY,NC,ME,VA
Aroclor-1016 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1221	CT,NH,NY,NC,ME,VA
Aroclor-1221 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1232	CT,NH,NY,NC,ME,VA
Aroclor-1232 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1242	CT,NH,NY,NC,ME,VA
Aroclor-1242 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1248	CT,NH,NY,NC,ME,VA
Aroclor-1248 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1254	CT,NH,NY,NC,ME,VA
Aroclor-1254 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1260	CT,NH,NY,NC,ME,VA
Aroclor-1260 [2C]	CT,NH,NY,NC,ME,VA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8082A in Soil</i>	
Aroclor-1262	NC
Aroclor-1262 [2C]	NC
Aroclor-1268	NC
Aroclor-1268 [2C]	NC
<i>SW-846 8260C in Soil</i>	
Acetone	CT,NH,NY,ME,VA
Acrylonitrile	CT,NH,NY,ME,VA
Benzene	CT,NH,NY,ME,VA
Bromobenzene	NH,NY,ME,VA
Bromochloromethane	NH,NY,ME,VA
Bromodichloromethane	CT,NH,NY,ME,VA
Bromoform	CT,NH,NY,ME,VA
Bromomethane	CT,NH,NY,ME,VA
2-Butanone (MEK)	CT,NH,NY,ME,VA
n-Butylbenzene	CT,NH,NY,ME,VA
sec-Butylbenzene	CT,NH,NY,ME,VA
tert-Butylbenzene	CT,NH,NY,ME,VA
Carbon Disulfide	CT,NH,NY,ME,VA
Carbon Tetrachloride	CT,NH,NY,ME,VA
Chlorobenzene	CT,NH,NY,ME,VA
Chlorodibromomethane	CT,NH,NY,ME,VA
Chloroethane	CT,NH,NY,ME,VA
Chloroform	CT,NH,NY,ME,VA
Chloromethane	CT,NH,NY,ME,VA
2-Chlorotoluene	CT,NH,NY,ME,VA
4-Chlorotoluene	CT,NH,NY,ME,VA
Dibromomethane	NH,NY,ME,VA
1,2-Dichlorobenzene	CT,NH,NY,ME,VA
1,3-Dichlorobenzene	CT,NH,NY,ME,VA
1,4-Dichlorobenzene	CT,NH,NY,ME,VA
Dichlorodifluoromethane (Freon 12)	NH,NY,ME,VA
1,1-Dichloroethane	CT,NH,NY,ME,VA
1,2-Dichloroethane	CT,NH,NY,ME,VA
1,1-Dichloroethylene	CT,NH,NY,ME,VA
cis-1,2-Dichloroethylene	CT,NH,NY,ME,VA
trans-1,2-Dichloroethylene	CT,NH,NY,ME,VA
1,2-Dichloropropane	CT,NH,NY,ME,VA
1,3-Dichloropropane	NH,NY,ME,VA
2,2-Dichloropropane	NH,NY,ME,VA
1,1-Dichloropropene	NH,NY,ME,VA
cis-1,3-Dichloropropene	CT,NH,NY,ME,VA
trans-1,3-Dichloropropene	CT,NH,NY,ME,VA
Ethylbenzene	CT,NH,NY,ME,VA
Hexachlorobutadiene	NH,NY,ME,VA
2-Hexanone (MBK)	CT,NH,NY,ME,VA
Isopropylbenzene (Cumene)	CT,NH,NY,ME,VA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8260C in Soil</i>	
p-Isopropyltoluene (p-Cymene)	NH, NY
Methyl tert-Butyl Ether (MTBE)	NY, VA
Methylene Chloride	CT, NH, NY, ME, VA
4-Methyl-2-pentanone (MIBK)	CT, NH, NY, VA
Naphthalene	NH, NY, ME, VA
n-Propylbenzene	NH, NY
Styrene	CT, NH, NY, ME, VA
1,1,1,2-Tetrachloroethane	CT, NH, NY, ME, VA
1,1,2,2-Tetrachloroethane	CT, NH, NY, ME, VA
Tetrachloroethylene	CT, NH, NY, ME, VA
Toluene	CT, NH, NY, ME, VA
1,2,3-Trichlorobenzene	ME
1,2,4-Trichlorobenzene	NH, NY, ME, VA
1,3,5-Trichlorobenzene	ME
1,1,1-Trichloroethane	CT, NH, NY, ME, VA
1,1,2-Trichloroethane	CT, NH, NY, ME, VA
Trichloroethylene	CT, NH, NY, ME, VA
Trichlorofluoromethane (Freon 11)	CT, NH, NY, ME, VA
1,2,3-Trichloropropane	NH, NY, ME, VA
1,2,4-Trimethylbenzene	CT, NH, NY, ME, VA
1,3,5-Trimethylbenzene	CT, NH, NY, ME, VA
Vinyl Chloride	CT, NH, NY, ME, VA
m+p Xylene	CT, NH, NY, ME, VA
o-Xylene	CT, NH, NY, ME, VA
<i>SW-846 8260C in Water</i>	
Acetone	CT, NY, ME, NH, VA
Acrylonitrile	CT, NY, ME, NH, RI, VA
tert-Amyl Methyl Ether (TAME)	NY, ME, NH, VA
Benzene	CT, NY, ME, NH, RI, VA
Bromochloromethane	NY, ME, NH, VA
Bromodichloromethane	CT, NY, ME, NH, RI, VA
Bromoform	CT, NY, ME, NH, RI, VA
Bromomethane	CT, NY, ME, NH, RI, VA
2-Butanone (MEK)	CT, NY, ME, NH, VA
tert-Butyl Alcohol (TBA)	NY, ME, NH, VA
n-Butylbenzene	NY, ME, VA
sec-Butylbenzene	NY, ME, VA
tert-Butylbenzene	NY, ME, VA
tert-Butyl Ethyl Ether (TBEE)	NY, ME, NH, VA
Carbon Disulfide	CT, NY, ME, NH, VA
Carbon Tetrachloride	CT, NY, ME, NH, RI, VA
Chlorobenzene	CT, NY, ME, NH, RI, VA
Chlorodibromomethane	CT, NY, ME, NH, RI, VA
Chloroethane	CT, NY, ME, NH, RI, VA
Chloroform	CT, NY, ME, NH, RI, VA
Chloromethane	CT, NY, ME, NH, RI, VA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8260C in Water</i>	
2-Chlorotoluene	NY,ME,NH,VA
4-Chlorotoluene	NY,ME,NH,VA
Dibromomethane	NY,ME,NH,VA
1,2-Dichlorobenzene	CT,NY,ME,NH,RI,VA
1,3-Dichlorobenzene	CT,NY,ME,NH,RI,VA
1,4-Dichlorobenzene	CT,NY,ME,NH,RI,VA
trans-1,4-Dichloro-2-butene	NY,ME,NH,VA
Dichlorodifluoromethane (Freon 12)	NY,ME,NH,RI,VA
1,1-Dichloroethane	CT,NY,ME,NH,RI,VA
1,2-Dichloroethane	CT,NY,ME,NH,RI,VA
1,1-Dichloroethylene	CT,NY,ME,NH,RI,VA
cis-1,2-Dichloroethylene	NY,ME
trans-1,2-Dichloroethylene	CT,NY,ME,NH,RI,VA
1,2-Dichloropropane	CT,NY,ME,NH,RI,VA
1,3-Dichloropropane	NY,ME,VA
2,2-Dichloropropane	NY,ME,NH,VA
1,1-Dichloropropene	NY,ME,NH,VA
cis-1,3-Dichloropropene	CT,NY,ME,NH,RI,VA
trans-1,3-Dichloropropene	CT,NY,ME,NH,RI,VA
Diisopropyl Ether (DIPE)	NY,ME,NH,VA
Ethylbenzene	CT,NY,ME,NH,RI,VA
Hexachlorobutadiene	CT,NY,ME,NH,VA
2-Hexanone (MBK)	CT,NY,ME,NH,VA
Isopropylbenzene (Cumene)	NY,ME,VA
p-Isopropyltoluene (p-Cymene)	CT,NY,ME,NH,VA
Methyl tert-Butyl Ether (MTBE)	CT,NY,ME,NH,VA
Methylene Chloride	CT,NY,ME,NH,RI,VA
4-Methyl-2-pentanone (MIBK)	CT,NY,ME,NH,VA
Naphthalene	NY,ME,NH,VA
n-Propylbenzene	CT,NY,ME,NH,VA
Styrene	CT,NY,ME,NH,VA
1,1,1,2-Tetrachloroethane	CT,NY,ME,NH,VA
1,1,2,2-Tetrachloroethane	CT,NY,ME,NH,RI,VA
Tetrachloroethylene	CT,NY,ME,NH,RI,VA
Toluene	CT,NY,ME,NH,RI,VA
1,2,3-Trichlorobenzene	NY,ME,NH,VA
1,2,4-Trichlorobenzene	CT,NY,ME,NH,VA
1,3,5-Trichlorobenzene	ME
1,1,1-Trichloroethane	CT,NY,ME,NH,RI,VA
1,1,2-Trichloroethane	CT,NY,ME,NH,RI,VA
Trichloroethylene	CT,NY,ME,NH,RI,VA
Trichlorofluoromethane (Freon 11)	CT,NY,ME,NH,RI,VA
1,2,3-Trichloropropane	NY,ME,NH,VA
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NY,VA
1,2,4-Trimethylbenzene	NY,ME,VA
1,3,5-Trimethylbenzene	NY,ME,VA
Vinyl Chloride	CT,NY,ME,NH,RI,VA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Water	
m+p Xylene	CT,NY,ME,NH,RI,VA
o-Xylene	CT,NY,ME,NH,RI,VA
SW-846 8270D in Soil	
Acenaphthene	CT,NY,NH,ME,NC,VA
Acenaphthylene	CT,NY,NH,ME,NC,VA
Acetophenone	NY,NH,ME,NC,VA
Aniline	NY,NH,ME,NC,VA
Anthracene	CT,NY,NH,ME,NC,VA
Benzidine	CT,NY,NH,ME,NC,VA
Benzo(a)anthracene	CT,NY,NH,ME,NC,VA
Benzo(a)pyrene	CT,NY,NH,ME,NC,VA
Benzo(b)fluoranthene	CT,NY,NH,ME,NC,VA
Benzo(g,h,i)perylene	CT,NY,NH,ME,NC,VA
Benzo(k)fluoranthene	CT,NY,NH,ME,NC,VA
Benzoic Acid	NY,NH,ME,NC,VA
Bis(2-chloroethoxy)methane	CT,NY,NH,ME,NC,VA
Bis(2-chloroethyl)ether	CT,NY,NH,ME,NC,VA
Bis(2-chloroisopropyl)ether	CT,NY,NH,ME,NC,VA
Bis(2-Ethylhexyl)phthalate	CT,NY,NH,ME,NC,VA
4-Bromophenylphenylether	CT,NY,NH,ME,NC,VA
Butylbenzylphthalate	CT,NY,NH,ME,NC,VA
Carbazole	NC
4-Chloroaniline	CT,NY,NH,ME,NC,VA
4-Chloro-3-methylphenol	CT,NY,NH,ME,NC,VA
2-Chloronaphthalene	CT,NY,NH,NC,VA
2-Chlorophenol	CT,NY,NH,ME,NC,VA
4-Chlorophenylphenylether	CT,NY,NH,ME,NC,VA
Chrysene	CT,NY,NH,ME,NC,VA
Dibenz(a,h)anthracene	CT,NY,NH,ME,NC,VA
Dibenzofuran	CT,NY,NH,ME,NC,VA
Di-n-butylphthalate	CT,NY,NH,ME,NC,VA
1,2-Dichlorobenzene	NY,NH,ME,NC,VA
1,3-Dichlorobenzene	NY,NH,ME,NC,VA
1,4-Dichlorobenzene	NY,NH,ME,NC,VA
3,3-Dichlorobenzidine	CT,NY,NH,ME,NC,VA
2,4-Dichlorophenol	CT,NY,NH,ME,NC,VA
Diethylphthalate	CT,NY,NH,ME,NC,VA
2,4-Dimethylphenol	CT,NY,NH,ME,NC,VA
Dimethylphthalate	CT,NY,NH,ME,NC,VA
4,6-Dinitro-2-methylphenol	CT,NY,NH,ME,NC,VA
2,4-Dinitrophenol	CT,NY,NH,ME,NC,VA
2,4-Dinitrotoluene	CT,NY,NH,ME,NC,VA
2,6-Dinitrotoluene	CT,NY,NH,ME,NC,VA
Di-n-octylphthalate	CT,NY,NH,ME,NC,VA
1,2-Diphenylhydrazine (as Azobenzene)	NY,NH,ME,NC,VA
Fluoranthene	CT,NY,NH,ME,NC,VA

CERTIFICATIONS
Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8270D in Soil</i>	
Fluorene	NY,NH,ME,NC,VA
Hexachlorobenzene	CT,NY,NH,ME,NC,VA
Hexachlorobutadiene	CT,NY,NH,ME,NC,VA
Hexachlorocyclopentadiene	CT,NY,NH,ME,NC,VA
Hexachloroethane	CT,NY,NH,ME,NC,VA
Indeno(1,2,3-cd)pyrene	CT,NY,NH,ME,NC,VA
Isophorone	CT,NY,NH,ME,NC,VA
1-Methylnaphthalene	NC
2-Methylnaphthalene	CT,NY,NH,ME,NC,VA
2-Methylphenol	CT,NY,NH,ME,NC,VA
3/4-Methylphenol	CT,NY,NH,ME,NC,VA
Naphthalene	CT,NY,NH,ME,NC,VA
2-Nitroaniline	CT,NY,NH,ME,NC,VA
3-Nitroaniline	CT,NY,NH,ME,NC,VA
4-Nitroaniline	CT,NY,NH,ME,NC,VA
Nitrobenzene	CT,NY,NH,ME,NC,VA
2-Nitrophenol	CT,NY,NH,ME,NC,VA
4-Nitrophenol	CT,NY,NH,ME,NC,VA
N-Nitrosodimethylamine	CT,NY,NH,ME,NC,VA
N-Nitrosodiphenylamine	CT,NY,NH,ME,NC,VA
N-Nitrosodi-n-propylamine	CT,NY,NH,ME,NC,VA
Pentachloronitrobenzene	NC
Pentachlorophenol	CT,NY,NH,ME,NC,VA
Phenanthrene	CT,NY,NH,ME,NC,VA
Phenol	CT,NY,NH,ME,NC,VA
Pyrene	CT,NY,NH,ME,NC,VA
Pyridine	CT,NY,NH,ME,NC,VA
1,2,4,5-Tetrachlorobenzene	NC
1,2,4-Trichlorobenzene	CT,NY,NH,ME,NC,VA
2,4,5-Trichlorophenol	CT,NY,NH,ME,NC,VA
2,4,6-Trichlorophenol	CT,NY,NH,ME,NC,VA
2-Fluorophenol	NC
<i>SW-846 8270D in Water</i>	
Acenaphthene	CT,NY,NC,ME,NH,RI,VA
Acenaphthylene	CT,NY,NC,ME,NH,RI,VA
Acetophenone	NC
Aniline	CT,NY,NC,ME,VA
Anthracene	CT,NY,NC,ME,NH,RI,VA
Benzidine	CT,NY,NC,ME,NH,VA
Benzo(a)anthracene	CT,NY,NC,ME,NH,RI,VA
Benzo(a)pyrene	CT,NY,NC,ME,NH,RI,VA
Benzo(b)fluoranthene	CT,NY,NC,ME,NH,RI,VA
Benzo(g,h,i)perylene	CT,NY,NC,ME,NH,RI,VA
Benzo(k)fluoranthene	CT,NY,NC,ME,NH,RI,VA
Benzoic Acid	NY,NC,ME,NH,VA
Bis(2-chloroethoxy)methane	CT,NY,NC,ME,NH,RI,VA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8270D in Water</i>	
Bis(2-chloroethyl)ether	CT,NY,NC,ME,NH,RI,VA
Bis(2-chloroisopropyl)ether	CT,NY,NC,ME,NH,RI,VA
Bis(2-Ethylhexyl)phthalate	CT,NY,NC,ME,NH,RI,VA
4-Bromophenylphenylether	CT,NY,NC,ME,NH,RI,VA
Butylbenzylphthalate	CT,NY,NC,ME,NH,RI,VA
Carbazole	NC
4-Chloroaniline	CT,NY,NC,ME,NH,VA
4-Chloro-3-methylphenol	CT,NY,NC,ME,NH,RI,VA
2-Chloronaphthalene	CT,NY,NC,ME,NH,RI,VA
2-Chlorophenol	CT,NY,NC,ME,NH,RI,VA
4-Chlorophenylphenylether	CT,NY,NC,ME,NH,RI,VA
Chrysene	CT,NY,NC,ME,NH,RI,VA
Dibenz(a,h)anthracene	CT,NY,NC,ME,NH,RI,VA
Dibenzofuran	CT,NY,NC,ME,NH,VA
Di-n-butylphthalate	CT,NY,NC,ME,NH,RI,VA
1,2-Dichlorobenzene	CT,NY,NC,ME,NH,RI,VA
1,3-Dichlorobenzene	CT,NY,NC,ME,NH,RI,VA
1,4-Dichlorobenzene	CT,NY,NC,ME,NH,RI,VA
3,3-Dichlorobenzidine	CT,NY,NC,ME,NH,RI,VA
2,4-Dichlorophenol	CT,NY,NC,ME,NH,RI,VA
Diethylphthalate	CT,NY,NC,ME,NH,RI,VA
2,4-Dimethylphenol	CT,NY,NC,ME,NH,RI,VA
Dimethylphthalate	CT,NY,NC,ME,NH,RI,VA
4,6-Dinitro-2-methylphenol	CT,NY,NC,ME,NH,RI,VA
2,4-Dinitrophenol	CT,NY,NC,ME,NH,RI,VA
2,4-Dinitrotoluene	CT,NY,NC,ME,NH,RI,VA
2,6-Dinitrotoluene	CT,NY,NC,ME,NH,RI,VA
Di-n-octylphthalate	CT,NY,NC,ME,NH,RI,VA
1,2-Diphenylhydrazine (as Azobenzene)	NC
Fluoranthene	CT,NY,NC,ME,NH,RI,VA
Fluorene	NY,NC,ME,NH,RI,VA
Hexachlorobenzene	CT,NY,NC,ME,NH,RI,VA
Hexachlorobutadiene	CT,NY,NC,ME,NH,RI,VA
Hexachlorocyclopentadiene	CT,NY,NC,ME,NH,RI,VA
Hexachloroethane	CT,NY,NC,ME,NH,RI,VA
Indeno(1,2,3-cd)pyrene	CT,NY,NC,ME,NH,RI,VA
Isophorone	CT,NY,NC,ME,NH,RI,VA
1-Methylnaphthalene	NC
2-Methylnaphthalene	CT,NY,NC,ME,NH,VA
2-Methylphenol	CT,NY,NC,NH,VA
3/4-Methylphenol	CT,NY,NC,NH,VA
Naphthalene	CT,NY,NC,ME,NH,RI,VA
2-Nitroaniline	CT,NY,NC,ME,NH,VA
3-Nitroaniline	CT,NY,NC,ME,NH,VA
4-Nitroaniline	CT,NY,NC,ME,NH,VA
Nitrobenzene	CT,NY,NC,ME,NH,RI,VA
2-Nitrophenol	CT,NY,NC,ME,NH,RI,VA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270D in Water	
4-Nitrophenol	CT,NY,NC,ME,NH,RI,VA
N-Nitrosodimethylamine	CT,NY,NC,ME,NH,RI,VA
N-Nitrosodiphenylamine	CT,NY,NC,ME,NH,RI,VA
N-Nitrosodi-n-propylamine	CT,NY,NC,ME,NH,RI,VA
Pentachloronitrobenzene	NC
Pentachlorophenol	CT,NY,NC,ME,NH,RI,VA
Phenanthrene	CT,NY,NC,ME,NH,RI,VA
Phenol	CT,NY,NC,ME,NH,RI,VA
Pyrene	CT,NY,NC,ME,NH,RI,VA
Pyridine	CT,NY,NC,ME,NH,VA
1,2,4,5-Tetrachlorobenzene	NC
1,2,4-Trichlorobenzene	CT,NY,NC,ME,NH,RI,VA
2,4,5-Trichlorophenol	CT,NY,NC,ME,NH,VA
2,4,6-Trichlorophenol	CT,NY,NC,ME,NH,RI,VA
2-Fluorophenol	NC

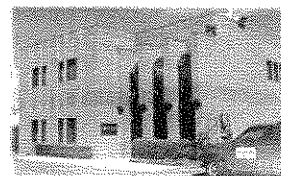
SW-846 9014 in Soil

Cyanide	NY,CT,NC,ME,NH,VA

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2014
MA	Massachusetts DEP	M-MA100	06/30/2013
CT	Connecticut Department of Public Health	PH-0567	09/30/2013
NY	New York State Department of Health	10899 NELAP	04/1/2013
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2013
RI	Rhode Island Department of Health	LAO00112	12/30/2012
NC	North Carolina Div. of Water Quality	652	12/31/2012
NJ	New Jersey DEP	MA007 NELAP	06/30/2013
FL	Florida Department of Health	E871027 NELAP	06/30/2013
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2013
WA	State of Washington Department of Ecology	C2065	02/23/2013
ME	State of Maine	2011028	06/9/2013
VA	Commonwealth of Virginia	460217	12/14/2012
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2012

39 Spruce St.
East Longmeadow, MA. 01028
P: 413-525-2332
F: 413-525-6405
www.contestlabs.com



Sample Receipt Checklist

CLIENT NAME: TRC RECEIVED BY: KKM DATE: 11/12/12

- 1) Was the chain(s) of custody relinquished and signed? Yes No No CoC Included
2) Does the chain agree with the samples? Yes No
If not, explain:
3) Are all the samples in good condition? Yes No
If not, explain:

4) How were the samples received:

On Ice ☒ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☒

Were the samples received in Temperature Compliance of (2-6°C)? Yes No N/A

Temperature °C by Temp blank _____ Temperature °C by Temp gun 5.8

5) Are there Dissolved samples for the lab to filter? Yes No

Who was notified _____ Date _____ Time _____

6) Are there any RUSH or SHORT HOLDING TIME samples? Yes No

Who was notified Not avail. Date 11/12/12 Time 19:15

7) Location where samples are stored:

19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____

8) Do all samples have the proper Acid pH: Yes No N/A

9) Do all samples have the proper Base pH: Yes No N/A

10) Was the PC notified of any discrepancies with the CoC vs the samples: Yes No N/A

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber	<u>6</u>	8 oz amber/clear jar	
500 mL Amber		4 oz amber <u>clear jar</u>	<u>1</u>
250 mL Amber (8oz amber)	<u>8</u>	2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic	<u>6</u>	Plastic Bag / Ziploc	
40 mL Vial - type listed below	<u>12</u>	PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore	<u>6</u>	TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments:

40 mL vials: # HCl 11 # Methanol 1

Doc# 277 # Bisulfate _____ # DI Water _____

Rev. 3 May 2012 # Thiosulfate _____ Unpreserved _____

Time and Date Frozen:

November 19, 2012

Charles Guder
TRC Environmental Corp - NY
1430 Broadway 10th Floor
New York, NY 10018

Project Location: 209 9th St. Brooklyn, NY
Client Job Number:
Project Number: 195072
Laboratory Work Order Number: 12K0408

Enclosed are results of analyses for samples received by the laboratory on November 12, 2012. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, reading "Meghan E. Kelley". The signature is written in a cursive style with a large, flowing "M" and a long, sweeping "y" at the end.

Meghan E. Kelley
Project Manager

TRC Environmental Corp - NY
1430 Broadway 10th Floor
New York, NY 10018
ATTN: Charles Guder

REPORT DATE: 11/19/2012

PURCHASE ORDER NUMBER: 46919

PROJECT NUMBER: 195072

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 12K0408

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 209 9th St. Brooklyn, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
TRC-SG-1	12K0408-01	Air		EPA TO-15	
TRC-AMB	12K0408-03	Ambient Air		EPA TO-15	

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

A handwritten signature in black ink, appearing to read "M. Erickson", is displayed on a light gray rectangular background.

Michael A. Erickson
Laboratory Director

ANALYTICAL RESULTS

Project Location: 209 9th St. Brooklyn, NY
Date Received: 11/12/2012
Field Sample #: TRC-SG-1
Sample ID: 12K0408-01
Sample Matrix: Air
Sampled: 11/12/2012 13:30

Sample Description/Location:
Sub Description/Location:
Canister ID: 1817
Canister Size: 6 liter
Flow Controller ID: 4242
Sample Type: 1 hr

Work Order: 12K0408
Initial Vacuum(in Hg): 28
Final Vacuum(in Hg): 2
Receipt Vacuum(in Hg): 4.9
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

Analyte	ppbv		Flag	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Benzene	8.9	1.0		28	3.2	20	11/13/12	8:06	WSD
Carbon Tetrachloride	ND	1.0		ND	6.3	20	11/13/12	8:06	WSD
Chlorobenzene	ND	1.0		ND	4.6	20	11/13/12	8:06	WSD
Chloroethane	ND	1.0		ND	2.6	20	11/13/12	8:06	WSD
Chloromethane	ND	1.0		ND	2.1	20	11/13/12	8:06	WSD
1,2-Dichlorobenzene	ND	1.0		ND	6.0	20	11/13/12	8:06	WSD
1,3-Dichlorobenzene	ND	1.0		ND	6.0	20	11/13/12	8:06	WSD
1,1-Dichloroethane	ND	1.0		ND	4.0	20	11/13/12	8:06	WSD
1,2-Dichloroethane	ND	1.0		ND	4.0	20	11/13/12	8:06	WSD
1,1-Dichloroethylene	2.6	1.0		10	4.0	20	11/13/12	8:06	WSD
cis-1,2-Dichloroethylene	20	1.0		78	4.0	20	11/13/12	8:06	WSD
trans-1,2-Dichloroethylene	ND	1.0		ND	4.0	20	11/13/12	8:06	WSD
1,2-Dichloropropane	ND	1.0		ND	4.6	20	11/13/12	8:06	WSD
Ethylbenzene	280	1.0		1200	4.3	20	11/13/12	8:06	WSD
Methyl tert-Butyl Ether (MTBE)	ND	1.0		ND	3.6	20	11/13/12	8:06	WSD
Methylene Chloride	ND	10		ND	35	20	11/13/12	8:06	WSD
Naphthalene	1.3	1.0		6.9	5.2	20	11/13/12	8:06	WSD
Tetrachloroethylene	140	1.0		940	6.8	20	11/13/12	8:06	WSD
Toluene	2000	20		7400	75	400	11/13/12	17:32	WSD
1,1,1-Trichloroethane	ND	1.0		ND	5.5	20	11/13/12	8:06	WSD
Trichloroethylene	3000	20		16000	110	400	11/13/12	17:32	WSD
1,2,4-Trimethylbenzene	130	1.0		610	4.9	20	11/13/12	8:06	WSD
1,3,5-Trimethylbenzene	55	1.0		270	4.9	20	11/13/12	8:06	WSD
Vinyl Chloride	ND	1.0		ND	2.6	20	11/13/12	8:06	WSD
m&p-Xylene	990	2.0		4300	8.7	20	11/13/12	8:06	WSD
o-Xylene	340	1.0		1500	4.3	20	11/13/12	8:06	WSD

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	104	70-130	11/13/12 17:32
4-Bromofluorobenzene (1)	110	70-130	11/13/12 8:06

ANALYTICAL RESULTS

Project Location: 209 9th St. Brooklyn, NY
Date Received: 11/12/2012
Field Sample #: TRC-AMB
Sample ID: 12K0408-03
Sample Matrix: Ambient Air
Sampled: 11/12/2012 13:47

Sample Description/Location:
Sub Description/Location:
Canister ID: 1132
Canister Size: 6 liter
Flow Controller ID: 4243
Sample Type: 1 hr

Work Order: 12K0408
Initial Vacuum(in Hg): 29
Final Vacuum(in Hg): 0
Receipt Vacuum(in Hg): .75
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

Analyte	ppbv		Flag	ug/m3		Dilution	Date/Time		
	Results	RL		Results	RL		Analyzed	Analyst	
Benzene	0.21	0.035		0.67	0.11	0.702	11/13/12	3:44	WSD
Carbon Tetrachloride	0.079	0.035		0.49	0.22	0.702	11/13/12	3:44	WSD
Chlorobenzene	ND	0.035		ND	0.16	0.702	11/13/12	3:44	WSD
Chloroethane	ND	0.035		ND	0.093	0.702	11/13/12	3:44	WSD
Chloromethane	0.51	0.035		1.0	0.072	0.702	11/13/12	3:44	WSD
1,2-Dichlorobenzene	ND	0.035		ND	0.21	0.702	11/13/12	3:44	WSD
1,3-Dichlorobenzene	ND	0.035		ND	0.21	0.702	11/13/12	3:44	WSD
1,1-Dichloroethane	ND	0.035		ND	0.14	0.702	11/13/12	3:44	WSD
1,2-Dichloroethane	ND	0.035		ND	0.14	0.702	11/13/12	3:44	WSD
1,1-Dichloroethylene	ND	0.035		ND	0.14	0.702	11/13/12	3:44	WSD
cis-1,2-Dichloroethylene	ND	0.035		ND	0.14	0.702	11/13/12	3:44	WSD
trans-1,2-Dichloroethylene	ND	0.035		ND	0.14	0.702	11/13/12	3:44	WSD
1,2-Dichloropropane	ND	0.035		ND	0.16	0.702	11/13/12	3:44	WSD
Ethylbenzene	0.076	0.035		0.33	0.15	0.702	11/13/12	3:44	WSD
Methyl tert-Butyl Ether (MTBE)	ND	0.035		ND	0.13	0.702	11/13/12	3:44	WSD
Methylene Chloride	ND	0.35		ND	1.2	0.702	11/13/12	3:44	WSD
Naphthalene	0.055	0.035		0.29	0.18	0.702	11/13/12	3:44	WSD
Tetrachloroethylene	0.22	0.035		1.5	0.24	0.702	11/13/12	3:44	WSD
Toluene	0.40	0.035		1.5	0.13	0.702	11/13/12	3:44	WSD
1,1,1-Trichloroethane	ND	0.035		ND	0.19	0.702	11/13/12	3:44	WSD
Trichloroethylene	ND	0.035		ND	0.19	0.702	11/13/12	3:44	WSD
1,2,4-Trimethylbenzene	0.14	0.035		0.71	0.17	0.702	11/13/12	3:44	WSD
1,3,5-Trimethylbenzene	0.053	0.035		0.26	0.17	0.702	11/13/12	3:44	WSD
Vinyl Chloride	ND	0.035		ND	0.090	0.702	11/13/12	3:44	WSD
m&p-Xylene	0.24	0.070		1.1	0.30	0.702	11/13/12	3:44	WSD
o-Xylene	0.096	0.035		0.42	0.15	0.702	11/13/12	3:44	WSD

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	107	70-130	11/13/12 3:44

Sample Extraction Data

Prep Method: TO-15 Prep-EPA TO-15

Lab Number [Field ID]	Batch	Pressure Dilution	Pre Dilution	Pre-Dil Initial mL	Pre-Dil Final mL	Default Injection mL	Actual Injection mL	Date
12K0408-01 [TRC-SG-1]	B063045	1	1	N/A	1000	400	20	11/12/12
12K0408-01RE1 [TRC-SG-1]	B063045	2	100	10	1000	400	200	11/12/12
12K0408-03 [TRC-AMB]	B063045	1	1	N/A	1000	400	570	11/12/12

QUALITY CONTROL

Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv		ug/m3		Spike Level	Source	%REC	%REC	RPD	RPD	Flag
	Results	RL	Results	RL	ppbv	Result	%REC	Limits	RPD	Limit	
Batch B063045 - TO-15 Prep											
Blank (B063045-BLK1)					Prepared & Analyzed: 11/12/12						
Benzene	ND	0.025									
Carbon Tetrachloride	ND	0.025									
Chlorobenzene	ND	0.025									
Chloroethane	ND	0.025									
Chloromethane	ND	0.025									
1,2-Dichlorobenzene	ND	0.025									
1,3-Dichlorobenzene	ND	0.025									
1,1-Dichloroethane	ND	0.025									
1,2-Dichloroethane	ND	0.025									
1,1-Dichloroethylene	ND	0.025									
cis-1,2-Dichloroethylene	ND	0.025									
trans-1,2-Dichloroethylene	ND	0.025									
1,2-Dichloropropane	ND	0.025									
Ethylbenzene	ND	0.025									
Methyl tert-Butyl Ether (MTBE)	ND	0.025									
Methylene Chloride	ND	0.25									
Naphthalene	ND	0.025									
Tetrachloroethylene	ND	0.025									
Toluene	ND	0.025									
1,1,1-Trichloroethane	ND	0.025									
Trichloroethylene	ND	0.025									
1,2,4-Trimethylbenzene	ND	0.025									
1,3,5-Trimethylbenzene	ND	0.025									
Vinyl Chloride	ND	0.025									
m&p-Xylene	ND	0.050									
o-Xylene	ND	0.025									
Surrogate: 4-Bromofluorobenzene (1)	8.38				8.00		105	70-130			

QUALITY CONTROL
Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv		ug/m3		Spike Level ppbv	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
	Results	RL	Results	RL							

Batch B063045 - TO-15 Prep
LCS (B063045-BS1)

Prepared & Analyzed: 11/12/12

Benzene	4.28				5.00		85.7	70-130			
Carbon Tetrachloride	5.18				5.00		104	70-130			
Chlorobenzene	5.24				5.00		105	70-130			
Chloroethane	4.76				5.00		95.2	70-130			
Chloromethane	4.64				5.00		92.8	70-130			
1,2-Dichlorobenzene	5.51				5.00		110	70-130			
1,3-Dichlorobenzene	5.58				5.00		112	70-130			
1,1-Dichloroethane	4.88				5.00		97.6	70-130			
1,2-Dichloroethane	5.02				5.00		100	70-130			
1,1-Dichloroethylene	4.66				5.00		93.3	70-130			
cis-1,2-Dichloroethylene	4.90				5.00		97.9	70-130			
trans-1,2-Dichloroethylene	4.65				5.00		93.0	70-130			
1,2-Dichloropropane	4.47				5.00		89.4	70-130			
Ethylbenzene	4.74				5.00		94.9	70-130			
Methyl tert-Butyl Ether (MTBE)	4.65				5.00		92.9	70-130			
Methylene Chloride	4.43				5.00		88.6	70-130			
Naphthalene	5.46				5.00		109	70-130			
Tetrachloroethylene	5.29				5.00		106	70-130			
Toluene	4.73				5.00		94.6	70-130			
1,1,1-Trichloroethane	4.68				5.00		93.6	70-130			
Trichloroethylene	4.77				5.00		95.5	70-130			
1,2,4-Trimethylbenzene	5.03				5.00		101	70-130			
1,3,5-Trimethylbenzene	5.07				5.00		101	70-130			
Vinyl Chloride	4.93				5.00		98.6	70-130			
m&p-Xylene	9.95				10.0		99.5	70-130			
o-Xylene	4.91				5.00		98.1	70-130			
Surrogate: 4-Bromofluorobenzene (1)	8.66				8.00		108	70-130			

FLAG/QUALIFIER SUMMARY

- * QC result is outside of established limits.
- † Wide recovery limits established for difficult compound.
- ‡ Wide RPD limits established for difficult compound.
- # Data exceeded client recommended or regulatory level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.

INTERNAL STANDARD AREA AND RT SUMMARY

EPA TO-15

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S003247-CCV1)									
Lab File ID: F111202.D					Analyzed: 11/12/12 19:59				
Bromochloromethane (1)	165357	8.565	228536	8.592	72	60 - 140	-0.0270	+/-0.50	
1,4-Difluorobenzene (1)	562671	10.325	684560	10.345	82	60 - 140	-0.0200	+/-0.50	
Chlorobenzene-d5 (1)	499191	14.673	610110	14.697	82	60 - 140	-0.0240	+/-0.50	
LCS (B063045-BS1)									
Lab File ID: F111203.D					Analyzed: 11/12/12 20:36				
Bromochloromethane (1)	170366	8.565	165357	8.565	103	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	568559	10.318	562671	10.325	101	60 - 140	-0.0070	+/-0.50	
Chlorobenzene-d5 (1)	502300	14.673	499191	14.673	101	60 - 140	0.0000	+/-0.50	
Blank (B063045-BLK1)									
Lab File ID: F111207.D					Analyzed: 11/12/12 23:10				
Bromochloromethane (1)	156458	8.565	165357	8.565	95	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	506562	10.318	562671	10.325	90	60 - 140	-0.0070	+/-0.50	
Chlorobenzene-d5 (1)	453787	14.673	499191	14.673	91	60 - 140	0.0000	+/-0.50	
TRC-AMB (12K0408-03)									
Lab File ID: F111212.D					Analyzed: 11/13/12 03:44				
Bromochloromethane (1)	180789	8.565	165357	8.565	109	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	638570	10.318	562671	10.325	113	60 - 140	-0.0070	+/-0.50	
Chlorobenzene-d5 (1)	578262	14.673	499191	14.673	116	60 - 140	0.0000	+/-0.50	
TRC-SG-1 (12K0408-01)									
Lab File ID: F111219.D					Analyzed: 11/13/12 08:06				
Bromochloromethane (1)	165919	8.565	165357	8.565	100	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	568400	10.325	562671	10.325	101	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	538274	14.688	499191	14.673	108	60 - 140	0.0150	+/-0.50	
TRC-SG-1 (12K0408-01RE1)									
Lab File ID: F111234.D					Analyzed: 11/13/12 17:32				
Bromochloromethane (1)	209788	8.565	165357	8.565	127	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	723378	10.318	562671	10.325	129	60 - 140	-0.0070	+/-0.50	
Chlorobenzene-d5 (1)	631116	14.673	499191	14.673	126	60 - 140	0.0000	+/-0.50	

CONTINUING CALIBRATION CHECK

EPA TO-15

S003247-CCV1

COMPOUND	TYPE	CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Benzene	A	5.00	4.16	0.7445976	0.6190303	0.05	-16.9	30
Carbon Tetrachloride	A	5.00	5.01	0.4616211	0.4626277	0.05	0.2	30
Chlorobenzene	A	5.00	5.05	0.7711919	0.7786198	0.05	1.0	30
Chloroethane	A	5.00	4.71	0.3673746	0.3458215	0.05	-5.9	30
Chloromethane	A	5.00	4.61	0.6045946	0.5574363	0.05	-7.8	30
1,2-Dichlorobenzene	A	5.00	5.46	0.7350193	0.8032324	0.05	9.3	30
1,3-Dichlorobenzene	A	5.00	5.56	0.774909	0.8617303	0.05	11.2	30
1,1-Dichloroethane	A	5.00	4.90	1.265918	1.239877	0.05	-2.1	30
1,2-Dichloroethane	A	5.00	5.06	0.9102673	0.9202102	0.05	1.1	30
1,1-Dichloroethylene	A	5.00	4.68	1.036199	0.9702934	0.05	-6.4	30
cis-1,2-Dichloroethylene	A	5.00	4.83	0.9291754	0.8969393	0.05	-3.5	30
trans-1,2-Dichloroethylene	A	5.00	4.74	0.994264	0.9425619	0.05	-5.2	30
1,2-Dichloropropane	A	5.00	4.33	0.2704444	0.2342257	0.05	-13.4	30
Ethylbenzene	A	5.00	4.66	1.276998	1.18931	0.05	-6.9	30
Methyl tert-Butyl Ether (MTBE)	A	5.00	4.64	1.981639	1.838505	0.05	-7.2	30
Methylene Chloride	A	5.00	4.56	0.764772	0.6972357	0.05	-8.8	30
Tetrachloroethylene	A	5.00	5.16	0.4642605	0.4793195	0.05	3.2	30
Toluene	A	5.00	4.61	0.9857128	0.9079779	0.05	-7.9	30
1,1,1-Trichloroethane	A	5.00	4.55	0.4743502	0.4315389	0.05	-9.0	30
Trichloroethylene	A	5.00	4.68	0.3129761	0.2931674	0.05	-6.3	30
1,2,4-Trimethylbenzene	A	5.00	4.89	1.153349	1.127309	0.05	-2.3	30
1,3,5-Trimethylbenzene	A	5.00	4.87	1.16111	1.130889	0.05	-2.6	30
Vinyl Chloride	A	5.00	4.86	0.6972394	0.6783868	0.05	-2.7	30
m&p-Xylene	A	10.0	9.13	1.024508	0.9357524	0.05	-8.7	30
o-Xylene	A	5.00	4.80	1.014615	0.9746682	0.05	-3.9	30

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA TO-15 in Air	
Benzene	AIHA,FL,NJ,NY,VA
Carbon Tetrachloride	AIHA,FL,NJ,NY,VA
Chlorobenzene	AIHA,FL,NJ,NY,VA
Chloroethane	AIHA,FL,NJ,NY,VA
Chloromethane	AIHA,FL,NJ,NY,VA
1,2-Dichlorobenzene	AIHA,FL,NJ,NY,VA
1,3-Dichlorobenzene	AIHA,NJ,NY
1,1-Dichloroethane	AIHA,FL,NJ,NY,VA
1,2-Dichloroethane	AIHA,FL,NJ,NY,VA
1,1-Dichloroethylene	AIHA,FL,NJ,NY,VA
cis-1,2-Dichloroethylene	AIHA,FL,NY,VA
trans-1,2-Dichloroethylene	AIHA,NJ,NY,VA
1,2-Dichloropropane	AIHA,FL,NJ,NY,VA
Ethylbenzene	AIHA,FL,NJ,NY,VA
Methyl tert-Butyl Ether (MTBE)	AIHA,FL,NJ,NY,VA
Methylene Chloride	AIHA,FL,NJ,NY,VA
Naphthalene	NY
Tetrachloroethylene	AIHA,FL,NJ,NY,VA
Toluene	AIHA,FL,NJ,NY,VA
1,1,1-Trichloroethane	AIHA,FL,NJ,NY,VA
Trichloroethylene	AIHA,FL,NJ,NY,VA
1,2,4-Trimethylbenzene	AIHA,NJ,NY
1,3,5-Trimethylbenzene	AIHA,NJ,NY
Vinyl Chloride	AIHA,FL,NJ,NY,VA
m&p-Xylene	AIHA,FL,NJ,NY,VA
o-Xylene	AIHA,FL,NJ,NY,VA

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2014
MA	Massachusetts DEP	M-MA100	06/30/2013
CT	Connecticut Department of Public Health	PH-0567	09/30/2013
NY	New York State Department of Health	10899 NELAP	04/1/2013
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2013
RI	Rhode Island Department of Health	LAO00112	12/30/2012
NC	North Carolina Div. of Water Quality	652	12/31/2012
NJ	New Jersey DEP	MA007 NELAP	06/30/2013
FL	Florida Department of Health	E871027 NELAP	06/30/2013
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2013
WA	State of Washington Department of Ecology	C2065	02/23/2013
ME	State of Maine	2011028	06/9/2013
VA	Commonwealth of Virginia	460217	12/14/2012
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2012



Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com

AIR SAMPLE CHAIN OF CUSTODY

39 SPRUCE ST
EAST LONGMEADOW, MA 01028

Page ____ of ____

Company Name: TRC Engineers Inc.
Address: 1430 Broadway 10th Fl.
New York, NY 10018

Attention: Charles Guder

Project Location: 209 9th St, Brooklyn NY

Sampled By: Jenna Raup

Proposal Provided? (For Billing purposes)

☐ yes ☐ no proposal date

Telephone: (212) 221-7822

Project # 195072.0000.0000

Client PO # 46919

DATA DELIVERY (check one):
☐ FAX ☒ EMAIL ☐ WEBSITE CLIENT

Fax #:

Email: cguder@trcsolutions.com

Format: ☒ EXCEL ☐ PDF ☐ GIS KEY ☐ OTHER

Date Set ☐ Field ☐ ONLY USE WHEN USING PUMPS

Field ID	Sample Description	Media	Lab #	Date	Time	Date	Time	Total	Flow Rate	Volume	Matrix
								Minutes	M ³ /Min. or L/Min.	Liters or M ³	Code*

	TRC-SG-1	SV	01	11/21/12	12:30	11/21/12	13:30	52			X
	TRC-SG-2	SV	02	11/21/12	14:15	11/21/12	15:10	55			X
	TRC-AMB	SV	03	11/21/12	12:40	11/21/12	13:49	67			X

Laboratory Comments:

NYSCEA Pricing

CLIENT COMMENTS:

Relinquished by: (signature) <u>[Signature]</u>	Date/Time: <u>11/21/12 15:30</u>	Turnaround ** ☐ 7-Day ☐ 10-Day ☒ Other: <u>RUSH *OAT</u>	Regulations: Data Enhancement/RCP? ☐ Y ☐ N Enhanced Data Package ☐ Y ☐ N (Surcharge Applies) Required Detection Limits: _____ Other: _____	*Matrix Code: SG= SOIL GAS IA= INDOOR AIR AMB=AMBIENT SS= SUB SLAB D= DUP BL= BLANK O= other	**Media Codes: S=summa can TB=tedlar bag P=PUP T=tube F= filter C=cassette O= Other
Received by: (signature) <u>[Signature]</u>	Date/Time: <u>11/21/12 15:30</u>				
Relinquished by: (signature) <u>[Signature]</u>	Date/Time: <u>11/21/12 15:30</u>				
Received by: (signature) <u>[Signature]</u>	Date/Time: <u>11/21/12 15:30</u>				

** TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.



39 Spruce St.
East Longmeadow, MA.
01028
P: 413-525-2332
F: 413-525-6405

AIR Only Receipt Checklist

CLIENT NAME: IRC RECEIVED BY: VA DATE: 11/12/12

1) Was the chain(s) of custody relinquished and signed?

☒ Yes

No

2) Does the chain agree with the samples?

☒ Yes

No

If not, explain:

3) Are all the samples in good condition?

☒ Yes

No

If not, explain:

4) Are there any samples "On Hold"?

☒ Yes

No

5) Are there any RUSH or SHORT HOLDING TIME samples?

☒ Yes

No

Who was notified _____ Date _____ Time _____

6) Location where samples are stored:

AIR

Permission to subcontract samples? Yes No

(Walk-in clients only) if not already approved

Client Signature: _____

Containers received at Con-Test

	# of Containers	Types (Size, Duration)
Summa Cans	<u>3</u>	<u>6L</u>
Tedlar Bags		
Tubes		
Regulators	<u>2</u>	<u>1HR</u>
Restrictors		
Tubing		
Other		

Unused Summas:

N/A

Unused Regulators:

N/A

1) Was all media (used & unused checked into the WASP?

2) Were all returned summa cans, Restrictors, & Regulators documented as returned in the Air Lab Inbound/Outbound Excel Spreadsheet?

Laboratory Comments:

1817 1132
1340

4242
4243



Air Sampling Media Certificate of Analysis

Date Analyzed: 10/26/2012 **Batch #:** 12CC00384

Certification Type: *Batch Certified* ☒ *Individual Certified* ☐

Media Type: *Summa Canister* ☒ *Flow Controllers* ☐

Media IDs: BC1817 _____

Note: Two ID's grouped together, for example BC2136/BC3145, represents matched pairs of certified summa canisters and flow controllers.

Units: PPBv

<0.80	Propene	<0.04	Vinyl acetate	<0.02	Dibromchloromethane
<0.02	Dichlorodifluoromethane	<0.80	Hexane	<0.02	1,2-Dibromomethane
<0.02	Chloromethane	<0.02	Ethyl acetate	<0.02	Tetrachloroethylene
<0.02	Freon 114	<0.02	Chloroform	<0.02	Chlorobenzene
<0.02	Vinyl chloride	<0.02	Tetrahydrofuran	<0.02	Ethylbenzene
<0.02	1,3-Butadiene	<0.02	1,2-Dichloroethane	<0.04	m,p-Xylenes
<0.02	Bromomethane	<0.02	1,1,1-Trichloroethane	<0.02	Bromoform
<0.02	Chloroethane	<0.02	Benzene	<0.02	Styrene
<0.08	Acrolein	<0.02	Carbon Tetrachloride	<0.02	o-Xylene
<0.80	Acetone	<0.02	Cyclohexane	<0.02	1,1,2,2-Tetrachloroethane
<0.02	Trichlorofluoromethane	<0.02	1,2-Dichloropropane	<0.02	4-Ethyltoluene
<0.80	Ethanol	<0.02	Bromodichloromethane	<0.02	1,3,5-Trimethylbenzene
<0.02	1,1-Dichloroethylene	<0.02	Trichloroethylene	<0.02	1,2,4-Trimethylbenzene
<0.20	Methylene chloride	<0.02	1,4-Dioxane	<0.02	1,3-Dichlorobenzene
<0.02	Freon 113	<0.02	Methylmethacrylate	<0.02	Benzyl chloride
<0.02	Carbon disulfide	<0.02	Heptane	<0.02	1,4-Dichlorobenzene
<0.02	t-1,2-Dichloroethylene	<0.02	MIBK	<0.02	1,2-Dichlorobenzene
<0.02	1,1-Dichloroethane	<0.02	c-1,3-Dichloropropylene	<0.04	1,2,4-Trichlorobenzene
<0.02	MTBE	<0.02	t-1,3-Dichloropropylene	<0.02	Naphthalene
<0.80	IPA	<0.02	1,1,2-Trichloroethylene	<0.02	Hexachlorobutadiene
<0.80	2-Butanone (MEK)	<0.02	Toluene		
<0.02	c-1,2-Dichloroethylene	<0.02	2-Hexanone (MBK)		

Special Notes: _____

Analyst Initials/Date: WSD 11/16/12



Air Sampling Media Certificate of Analysis

Date Analyzed: 10/29/2012 **Batch #:** 12CC00389

Certification Type: *Batch Certified* ☒ *Individual Certified* ☐

Media Type: *Summa Canister* ☒ *Flow Controllers* ☐

Media IDs: BC1132 _____

Note: Two ID's grouped together, for example BC2136/BC3145, represents matched pairs of certified summa canisters and flow controllers.

Units: PPBv

<0.80	Propene	<0.04	Vinyl acetate	<0.02	Dibromchloromethane
<0.02	Dichlorodifluoromethane	<0.80	Hexane	<0.02	1,2-Dibromomethane
<0.02	Chloromethane	<0.02	Ethyl acetate	<0.02	Tetrachloroethylene
<0.02	Freon 114	<0.02	Chloroform	<0.02	Chlorobenzene
<0.02	Vinyl chloride	<0.02	Tetrahydrofuran	<0.02	Ethylbenzene
<0.02	1,3-Butadiene	<0.02	1,2-Dichloroethane	<0.04	m,p-Xylenes
<0.02	Bromomethane	<0.02	1,1,1-Trichloroethane	<0.02	Bromoform
<0.02	Chloroethane	<0.02	Benzene	<0.02	Styrene
<0.08	Acrolein	<0.02	Carbon Tetrachloride	<0.02	o-Xylene
<0.80	Acetone	<0.02	Cyclohexane	<0.02	1,1,2,2-Tetrachloroethane
<0.02	Trichlorofluoromethane	<0.02	1,2-Dichloropropane	<0.02	4-Ethyltoluene
<0.80	Ethanol	<0.02	Bromodichloromethane	<0.02	1,3,5-Trimethylbenzene
<0.02	1,1-Dichloroethylene	<0.02	Trichloroethylene	<0.02	1,2,4-Trimethylbenzene
<0.20	Methylene chloride	<0.02	1,4-Dioxane	<0.02	1,3-Dichlorobenzene
<0.02	Freon 113	<0.02	Methylmethacrylate	<0.02	Benzyl chloride
<0.02	Carbon disulfide	<0.02	Heptane	<0.02	1,4-Dichlorobenzene
<0.02	t-1,2-Dichloroethylene	<0.02	MIBK	<0.02	1,2-Dichlorobenzene
<0.02	1,1-Dichloroethane	<0.02	c-1,3-Dichloropropylene	<0.04	1,2,4-Trichlorobenzene
<0.02	MTBE	<0.02	t-1,3-Dichloropropylene	<0.02	Naphthalene
<0.80	IPA	<0.02	1,1,2-Trichloroethylene	<0.02	Hexachlorobutadiene
<0.80	2-Butanone (MEK)	<0.02	Toluene		
<0.02	c-1,2-Dichloroethylene	<0.02	2-Hexanone (MBK)		

Special Notes: _____

Analyst Initials/Date: WSD 11/16/12

November 27, 2012

Charles Guder
TRC Environmental Corp - NY
1430 Broadway 10th Floor
New York, NY 10018

Project Location: 168 8th St./203 9th St., Brooklyn, NY
Client Job Number:
Project Number: 195072
Laboratory Work Order Number: 12K0612

Enclosed are results of analyses for samples received by the laboratory on November 16, 2012. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Meghan E. Kelley
Project Manager



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

TRC Environmental Corp - NY
1430 Broadway 10th Floor
New York, NY 10018
ATTN: Charles Guder

REPORT DATE: 11/27/2012

PURCHASE ORDER NUMBER: 46919

PROJECT NUMBER: 195072

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 12K0612

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 168 8th St./203 9th St., Brooklyn, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
TRC-SB3 (1-4ft)	12K0612-01	Soil		SM 2540G	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8082A	
				SW-846 8260C	
TRC-SB3 (17-19ft)	12K0612-02	Soil		SW-846 8270D	
				SM 2540G	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8082A	
TRC-SB3 (5-7ft)	12K0612-03	Soil		SW-846 8260C	
				SW-846 8270D	
				SM 2540G	
				SM2580 A	
				SW-846 7196A	
TRC-GW-3	12K0612-04	Ground Water		SW-846 8015C	
				SW-846 8081B	
				SW-846 9014	
				SW-846 9045C	
				SW-846 6010C	
TRC-SB4 (1-4ft)	12K0612-05	Soil		SW-846 6020A	
				SW-846 7470A	
				SW-846 8260C	
				SW-846 8270D	
				SM 2540G	
TRC-SB4 (17-19ft)	12K0612-06	Soil		SW-846 6010C	
				SW-846 7471B	
				SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	

TRC Environmental Corp - NY
1430 Broadway 10th Floor
New York, NY 10018
ATTN: Charles Guder

REPORT DATE: 11/27/2012

PURCHASE ORDER NUMBER: 46919

PROJECT NUMBER: 195072

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 12K0612

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 168 8th St./203 9th St., Brooklyn, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
TRC-DUP-2	12K0612-07	Soil		SM 2540G SW-846 6010C SW-846 7471B SW-846 8082A SW-846 8260C SW-846 8270D	
Trip Blank 2	12K0612-08	Trip Blank Water		SW-846 8260C	
TRC-GW-4	12K0612-09	Ground Water		SW-846 6010C SW-846 6020A SW-846 7470A SW-846 8260C SW-846 8270D	
TRC-SB10 (1-4ft)	12K0612-10	Soil		SM 2540G SW-846 6010C SW-846 7471B SW-846 8082A SW-846 8260C SW-846 8270D	
TRC-SB10 (17-19ft)	12K0612-11	Soil		SM 2540G SW-846 6010C SW-846 7471B SW-846 8082A SW-846 8260C SW-846 8270D	

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

SW-846 6010C**Qualifications:**

Analyte is found in the associated blank as well as in the sample.

Analyte & Samples(s) Qualified:**Iron**

12K0612-01[TRC-SB3 (1-4ft)], 12K0612-02[TRC-SB3 (17-19ft)], 12K0612-05[TRC-SB4 (1-4ft)], 12K0612-06[TRC-SB4 (17-19ft)], 12K0612-07[TRC-DUP-2], 12K0612-10[TRC-SB10 (1-4ft)], 12K0612-11[TRC-SB10 (17-19ft)], B063095-BS1, B063095-BSD1, B063095-DUP1, B063095-MS1

Data is not affected by elevated level in blank since sample result is >10x level found in the blank.

Analyte & Samples(s) Qualified:**Iron**

12K0612-01[TRC-SB3 (1-4ft)], 12K0612-02[TRC-SB3 (17-19ft)], 12K0612-05[TRC-SB4 (1-4ft)], 12K0612-06[TRC-SB4 (17-19ft)], 12K0612-07[TRC-DUP-2], 12K0612-10[TRC-SB10 (1-4ft)], 12K0612-11[TRC-SB10 (17-19ft)], B063095-BLK1, B063095-DUP1

Matrix spike recovery is outside of control limits. Analysis is in control based on laboratory fortified blank recovery. Possibility of sample matrix effects that lead to low bias for reported result or non-homogeneous sample aliquot cannot be eliminated.

Analyte & Samples(s) Qualified:**Antimony**

12K0612-05[TRC-SB4 (1-4ft)], B063095-MS1

Matrix spike recovery is outside of control limits. Data validation is not affected since sample result is "not detected" and recovery bias is on the high side for this compound.

Analyte & Samples(s) Qualified:**Sodium**

12K0612-05[TRC-SB4 (1-4ft)], B063095-MS1

Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.

Analyte & Samples(s) Qualified:**Aluminum, Calcium, Iron, Magnesium**

12K0612-05[TRC-SB4 (1-4ft)], B063095-MS1

SW-846 7196A**Qualifications:**

Elevated method reporting limit due to intense color of sample

Analyte & Samples(s) Qualified:**Hexavalent Chromium**

12K0612-03[TRC-SB3 (5-7ft)]

SW-846 8260C**Qualifications:**

Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.

Analyte & Samples(s) Qualified:**Chloromethane, Dichlorodifluoromethane (Freon 12)**

12K0612-01[TRC-SB3 (1-4ft)], 12K0612-02[TRC-SB3 (17-19ft)], 12K0612-05[TRC-SB4 (1-4ft)], 12K0612-06[TRC-SB4 (17-19ft)], 12K0612-07[TRC-DUP-2], 12K0612-10[TRC-SB10 (1-4ft)], 12K0612-11[TRC-SB10 (17-19ft)], B063152-BLK1, B063152-BS1, B063152-BSD1, 12K0612-04[TRC-GW-3], 12K0612-08[Trip Blank 2], 12K0612-09[TRC-GW-4], B063133-BLK1, B063133-BS1, B063133-BSD1

Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.

Analyte & Samples(s) Qualified:**Acrylonitrile, Chloromethane**

12K0612-01[TRC-SB3 (1-4ft)], 12K0612-02[TRC-SB3 (17-19ft)], 12K0612-05[TRC-SB4 (1-4ft)], 12K0612-06[TRC-SB4 (17-19ft)], 12K0612-07[TRC-DUP-2], 12K0612-10[TRC-SB10 (1-4ft)], 12K0612-11[TRC-SB10 (17-19ft)], B063152-BLK1, B063152-BS1, B063152-BSD1

Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy may be associated with reported result.

Analyte & Samples(s) Qualified:**1,2-Dibromo-3-chloropropane (DBCP), 1,4-Dioxane, Acrylonitrile, tert-Butyl Alcohol (TBA), Tetrahydrofuran**

12K0612-01[TRC-SB3 (1-4ft)], 12K0612-02[TRC-SB3 (17-19ft)], 12K0612-05[TRC-SB4 (1-4ft)], 12K0612-06[TRC-SB4 (17-19ft)], 12K0612-07[TRC-DUP-2], 12K0612-10[TRC-SB10 (1-4ft)], 12K0612-11[TRC-SB10 (17-19ft)], B063152-BLK1, B063152-BS1, B063152-BSD1, 12K0612-04[TRC-GW-3], 12K0612-08[Trip Blank 2], 12K0612-09[TRC-GW-4], B063133-BLK1, B063133-BS1, B063133-BSD1

Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:**1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113), Bromomethane, Carbon Disulfide, Trichlorofluoromethane (Freon 11)**

B063133-BS1, B063133-BSD1

SW-846 8270D

Qualifications:

Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.

Analyte & Samples(s) Qualified:**Benzoic Acid**

12K0612-01[TRC-SB3 (1-4ft)], 12K0612-02[TRC-SB3 (17-19ft)], 12K0612-05[TRC-SB4 (1-4ft)], 12K0612-06[TRC-SB4 (17-19ft)], 12K0612-07[TRC-DUP-2], 12K0612-10[TRC-SB10 (1-4ft)], 12K0612-11[TRC-SB10 (17-19ft)], B063264-BLK1, B063264-BS1, B063264-BSD1

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

Analyte & Samples(s) Qualified:**Benzidine**

B063264-BSD1

Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.

Analyte & Samples(s) Qualified:**2,4-Dimethylphenol, Benzidine, Benzo(k)fluoranthene**

12K0612-04[TRC-GW-3], 12K0612-09[TRC-GW-4], B063111-BLK1, B063111-BS1, B063111-BSD1

One associated surrogate standard recovery is outside of control limits but the other(s) is/are within limits. All recoveries are > 10%.

Analyte & Samples(s) Qualified:**2,4,6-Tribromophenol**

B063111-BS1

Initial calibration did not meet method specifications. Compound was calibrated using a response factor where %RSD is outside of method specified criteria.

Analyte & Samples(s) Qualified:**2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol**

12K0612-09[TRC-GW-4], B063111-BLK1, B063111-BS1, B063111-BSD1

Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.

Analyte & Samples(s) Qualified:**Benzidine, Hexachlorocyclopentadiene, Pyridine**B063264-BLK1, B063264-BS1, B063264-BSD1

Continuing calibration did not meet method specifications and was biased on the high side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the high side.

Analyte & Samples(s) Qualified:**Benzo(g,h,i)perylene, Benzoic Acid, Dibenz(a,h)anthracene, Indeno(1,2,3-cd)pyrene**B063264-BLK1, B063264-BS1, B063264-BSD1, B063111-BS1, B063111-BSD1

Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy may be associated with reported result.

Analyte & Samples(s) Qualified:**Pentachloronitrobenzene**12K0612-01[TRC-SB3 (1-4ft)], 12K0612-02[TRC-SB3 (17-19ft)], 12K0612-05[TRC-SB4 (1-4ft)], 12K0612-06[TRC-SB4 (17-19ft)], 12K0612-07[TRC-DUP-2], 12K0612-09[TRC-GW-4], 12K0612-10[TRC-SB10 (1-4ft)], 12K0612-11[TRC-SB10 (17-19ft)], B063111-BLK1, B063111-BS1, B063111-BSD1, B063264-BLK1, B063264-BS1, B063264-BSD1

Initial calibration did not meet method specifications. Compound was calibrated using linear regression with correlation coefficient <0.99.

Analyte & Samples(s) Qualified:**2,4-Dinitrophenol**B063264-BLK1, B063264-BS1, B063264-BSD1

Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:**Benzoic Acid, Dibenz(a,h)anthracene, Indeno(1,2,3-cd)pyrene**12K0612-09[TRC-GW-4], B063111-BLK1

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Daren J. Damboragian
Laboratory Manager

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0612

Date Received: 11/16/2012

Field Sample #: TRC-SB3 (1-4ft)

Sampled: 11/16/2012 09:30

Sample ID: 12K0612-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.12	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:21	MFF
Acrylonitrile	ND	0.0069	mg/Kg dry	1	V-05, V-16	SW-846 8260C	11/19/12	11/19/12 8:21	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:21	MFF
Benzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:21	MFF
Bromobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:21	MFF
Bromochloromethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:21	MFF
Bromodichloromethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:21	MFF
Bromoform	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:21	MFF
Bromomethane	ND	0.012	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:21	MFF
2-Butanone (MEK)	ND	0.046	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:21	MFF
tert-Butyl Alcohol (TBA)	ND	0.046	mg/Kg dry	1	V-16	SW-846 8260C	11/19/12	11/19/12 8:21	MFF
n-Butylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:21	MFF
sec-Butylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:21	MFF
tert-Butylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:21	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:21	MFF
Carbon Disulfide	ND	0.0069	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:21	MFF
Carbon Tetrachloride	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:21	MFF
Chlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:21	MFF
Chlorodibromomethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:21	MFF
Chloroethane	ND	0.023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:21	MFF
Chloroform	ND	0.0046	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:21	MFF
Chloromethane	ND	0.012	mg/Kg dry	1	L-04, V-05	SW-846 8260C	11/19/12	11/19/12 8:21	MFF
2-Chlorotoluene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:21	MFF
4-Chlorotoluene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:21	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0023	mg/Kg dry	1	V-16	SW-846 8260C	11/19/12	11/19/12 8:21	MFF
1,2-Dibromoethane (EDB)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:21	MFF
Dibromomethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:21	MFF
1,2-Dichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:21	MFF
1,3-Dichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:21	MFF
1,4-Dichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:21	MFF
trans-1,4-Dichloro-2-butene	ND	0.0046	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:21	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.023	mg/Kg dry	1	L-04	SW-846 8260C	11/19/12	11/19/12 8:21	MFF
1,1-Dichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:21	MFF
1,2-Dichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:21	MFF
1,1-Dichloroethylene	ND	0.0046	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:21	MFF
cis-1,2-Dichloroethylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:21	MFF
trans-1,2-Dichloroethylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:21	MFF
1,2-Dichloropropane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:21	MFF
1,3-Dichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:21	MFF
2,2-Dichloropropane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:21	MFF
1,1-Dichloropropene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:21	MFF
cis-1,3-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:21	MFF
trans-1,3-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:21	MFF
Diethyl Ether	ND	0.023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:21	MFF

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0612

Date Received: 11/16/2012

Field Sample #: TRC-SB3 (1-4ft)

Sampled: 11/16/2012 09:30

Sample ID: 12K0612-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:21	MFF
1,4-Dioxane	ND	0.12	mg/Kg dry	1	V-16	SW-846 8260C	11/19/12	11/19/12 8:21	MFF
Ethylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:21	MFF
Hexachlorobutadiene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:21	MFF
2-Hexanone (MBK)	ND	0.023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:21	MFF
Isopropylbenzene (Cumene)	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:21	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:21	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0046	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:21	MFF
Methylene Chloride	ND	0.023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:21	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:21	MFF
Naphthalene	ND	0.0046	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:21	MFF
n-Propylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:21	MFF
Styrene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:21	MFF
1,1,1,2-Tetrachloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:21	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:21	MFF
Tetrachloroethylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:21	MFF
Tetrahydrofuran	ND	0.012	mg/Kg dry	1	V-16	SW-846 8260C	11/19/12	11/19/12 8:21	MFF
Toluene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:21	MFF
1,2,3-Trichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:21	MFF
1,2,4-Trichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:21	MFF
1,3,5-Trichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:21	MFF
1,1,1-Trichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:21	MFF
1,1,2-Trichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:21	MFF
Trichloroethylene	0.017	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:21	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:21	MFF
1,2,3-Trichloropropane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:21	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.012	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:21	MFF
1,2,4-Trimethylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:21	MFF
1,3,5-Trimethylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:21	MFF
Vinyl Chloride	ND	0.012	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:21	MFF
m+p Xylene	ND	0.0046	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:21	MFF
o-Xylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:21	MFF

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	114	70-130	
Toluene-d8	103	70-130	
4-Bromofluorobenzene	101	70-130	

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0612

Date Received: 11/16/2012

Field Sample #: TRC-SB3 (1-4ft)

Sampled: 11/16/2012 09:30

Sample ID: 12K0612-01

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR
Acenaphthylene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR
Acetophenone	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR
Aniline	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR
Anthracene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR
Benzidine	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR
Benzo(a)anthracene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR
Benzo(a)pyrene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR
Benzo(b)fluoranthene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR
Benzo(g,h,i)perylene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR
Benzo(k)fluoranthene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR
Benzoic Acid	ND	1.2	mg/Kg dry	1	L-04	SW-846 8270D	11/20/12	11/21/12 15:52	CMR
Bis(2-chloroethoxy)methane	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR
Bis(2-chloroethyl)ether	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR
Bis(2-chloroisopropyl)ether	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR
Bis(2-Ethylhexyl)phthalate	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR
4-Bromophenylphenylether	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR
Butylbenzylphthalate	ND	0.79	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR
Carbazole	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR
4-Chloroaniline	ND	0.79	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR
4-Chloro-3-methylphenol	ND	0.79	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR
2-Chloronaphthalene	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR
2-Chlorophenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR
4-Chlorophenylphenylether	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR
Chrysene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR
Dibenz(a,h)anthracene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR
Dibenzofuran	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR
Di-n-butylphthalate	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR
1,2-Dichlorobenzene	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR
1,3-Dichlorobenzene	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR
1,4-Dichlorobenzene	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR
3,3-Dichlorobenzidine	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR
2,4-Dichlorophenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR
Diethylphthalate	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR
2,4-Dimethylphenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR
Dimethylphthalate	ND	0.79	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR
4,6-Dinitro-2-methylphenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR
2,4-Dinitrophenol	ND	0.79	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR
2,4-Dinitrotoluene	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR
2,6-Dinitrotoluene	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR
Di-n-octylphthalate	ND	0.79	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR
Fluoranthene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR
Fluorene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0612

Date Received: 11/16/2012

Field Sample #: TRC-SB3 (1-4ft)

Sampled: 11/16/2012 09:30

Sample ID: 12K0612-01

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR
Hexachlorobutadiene	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR
Hexachlorocyclopentadiene	ND	0.79	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR
Hexachloroethane	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR
Indeno(1,2,3-cd)pyrene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR
Isophorone	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR
1-Methylnaphthalene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR
2-Methylnaphthalene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR
2-Methylphenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR
3/4-Methylphenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR
Naphthalene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR
2-Nitroaniline	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR
3-Nitroaniline	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR
4-Nitroaniline	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR
Nitrobenzene	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR
2-Nitrophenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR
4-Nitrophenol	ND	0.79	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR
N-Nitrosodimethylamine	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR
N-Nitrosodiphenylamine	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR
N-Nitrosodi-n-propylamine	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR
Pentachloronitrobenzene	ND	0.41	mg/Kg dry	1	V-16	SW-846 8270D	11/20/12	11/21/12 15:52	CMR
Pentachlorophenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR
Phenanthrene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR
Phenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR
Pyrene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR
Pyridine	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR
1,2,4,5-Tetrachlorobenzene	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR
1,2,4-Trichlorobenzene	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR
2,4,5-Trichlorophenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR
2,4,6-Trichlorophenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:52	CMR
Surrogates	% Recovery	Recovery Limits	Flag						
2-Fluorophenol	64.4	30-130							
Phenol-d6	57.5	30-130							
Nitrobenzene-d5	51.3	30-130							
2-Fluorobiphenyl	47.5	30-130							
2,4,6-Tribromophenol	54.3	30-130							
Terphenyl-d14	48.9	30-130							

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Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0612

Date Received: 11/16/2012

Field Sample #: TRC-SB3 (1-4ft)

Sampled: 11/16/2012 09:30

Sample ID: 12K0612-01

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/19/12	11/20/12 17:00	MJC
Aroclor-1221 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/19/12	11/20/12 17:00	MJC
Aroclor-1232 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/19/12	11/20/12 17:00	MJC
Aroclor-1242 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/19/12	11/20/12 17:00	MJC
Aroclor-1248 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/19/12	11/20/12 17:00	MJC
Aroclor-1254 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/19/12	11/20/12 17:00	MJC
Aroclor-1260 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/19/12	11/20/12 17:00	MJC
Aroclor-1262 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/19/12	11/20/12 17:00	MJC
Aroclor-1268 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/19/12	11/20/12 17:00	MJC
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	83.6	30-150							
Decachlorobiphenyl [2]	94.2	30-150							
Tetrachloro-m-xylene [1]	54.3	30-150							
Tetrachloro-m-xylene [2]	84.0	30-150							

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0612

Date Received: 11/16/2012

Field Sample #: TRC-SB3 (1-4ft)

Sampled: 11/16/2012 09:30

Sample ID: 12K0612-01

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	11000	2.9	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:02	OP
Antimony	ND	2.9	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:02	OP
Arsenic	ND	2.9	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:02	OP
Barium	64	2.9	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:02	OP
Beryllium	ND	0.29	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 17:31	OP
Cadmium	ND	0.29	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:02	OP
Calcium	1600	8.7	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 17:31	OP
Chromium	12	0.58	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:02	OP
Cobalt	5.8	2.9	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:02	OP
Copper	11	0.58	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:02	OP
Iron	14000	2.9	mg/Kg dry	1	B-07, B	SW-846 6010C	11/17/12	11/20/12 17:31	OP
Lead	61	0.87	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:02	OP
Magnesium	1900	8.7	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 17:31	OP
Manganese	590	0.58	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 17:31	OP
Mercury	0.15	0.030	mg/Kg dry	1		SW-846 7471B	11/17/12	11/19/12 14:33	SAJ
Nickel	9.8	0.58	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:02	OP
Potassium	680	120	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 17:31	OP
Selenium	ND	2.9	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:02	OP
Silver	ND	0.58	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:02	OP
Sodium	ND	120	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 17:31	OP
Thallium	ND	2.9	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 16:16	OP
Vanadium	20	1.2	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:02	OP
Zinc	44	1.2	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:02	OP

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Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0612

Date Received: 11/16/2012

Field Sample #: TRC-SB3 (1-4ft)

Sampled: 11/16/2012 09:30

Sample ID: 12K0612-01

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	83.2		% Wt	1		SM 2540G	11/17/12	11/19/12 9:15	WAL

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0612

Date Received: 11/16/2012

Field Sample #: TRC-SB3 (17-19ft)

Sampled: 11/16/2012 09:40

Sample ID: 12K0612-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.10	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:48	MFF
Acrylonitrile	ND	0.0063	mg/Kg dry	1	V-05, V-16	SW-846 8260C	11/19/12	11/19/12 8:48	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0010	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:48	MFF
Benzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:48	MFF
Bromobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:48	MFF
Bromochloromethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:48	MFF
Bromodichloromethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:48	MFF
Bromoform	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:48	MFF
Bromomethane	ND	0.010	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:48	MFF
2-Butanone (MEK)	ND	0.042	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:48	MFF
tert-Butyl Alcohol (TBA)	ND	0.042	mg/Kg dry	1	V-16	SW-846 8260C	11/19/12	11/19/12 8:48	MFF
n-Butylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:48	MFF
sec-Butylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:48	MFF
tert-Butylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:48	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0010	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:48	MFF
Carbon Disulfide	ND	0.0063	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:48	MFF
Carbon Tetrachloride	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:48	MFF
Chlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:48	MFF
Chlorodibromomethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:48	MFF
Chloroethane	ND	0.021	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:48	MFF
Chloroform	ND	0.0042	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:48	MFF
Chloromethane	ND	0.010	mg/Kg dry	1	L-04, V-05	SW-846 8260C	11/19/12	11/19/12 8:48	MFF
2-Chlorotoluene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:48	MFF
4-Chlorotoluene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:48	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0021	mg/Kg dry	1	V-16	SW-846 8260C	11/19/12	11/19/12 8:48	MFF
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:48	MFF
Dibromomethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:48	MFF
1,2-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:48	MFF
1,3-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:48	MFF
1,4-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:48	MFF
trans-1,4-Dichloro-2-butene	ND	0.0042	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:48	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.021	mg/Kg dry	1	L-04	SW-846 8260C	11/19/12	11/19/12 8:48	MFF
1,1-Dichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:48	MFF
1,2-Dichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:48	MFF
1,1-Dichloroethylene	ND	0.0042	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:48	MFF
cis-1,2-Dichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:48	MFF
trans-1,2-Dichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:48	MFF
1,2-Dichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:48	MFF
1,3-Dichloropropane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:48	MFF
2,2-Dichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:48	MFF
1,1-Dichloropropene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:48	MFF
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:48	MFF
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:48	MFF
Diethyl Ether	ND	0.021	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:48	MFF

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0612

Date Received: 11/16/2012

Field Sample #: TRC-SB3 (17-19ft)

Sampled: 11/16/2012 09:40

Sample ID: 12K0612-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0010	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:48	MFF
1,4-Dioxane	ND	0.10	mg/Kg dry	1	V-16	SW-846 8260C	11/19/12	11/19/12 8:48	MFF
Ethylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:48	MFF
Hexachlorobutadiene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:48	MFF
2-Hexanone (MBK)	ND	0.021	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:48	MFF
Isopropylbenzene (Cumene)	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:48	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:48	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0042	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:48	MFF
Methylene Chloride	ND	0.021	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:48	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.021	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:48	MFF
Naphthalene	ND	0.0042	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:48	MFF
n-Propylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:48	MFF
Styrene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:48	MFF
1,1,1,2-Tetrachloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:48	MFF
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:48	MFF
Tetrachloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:48	MFF
Tetrahydrofuran	ND	0.010	mg/Kg dry	1	V-16	SW-846 8260C	11/19/12	11/19/12 8:48	MFF
Toluene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:48	MFF
1,2,3-Trichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:48	MFF
1,2,4-Trichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:48	MFF
1,3,5-Trichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:48	MFF
1,1,1-Trichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:48	MFF
1,1,2-Trichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:48	MFF
Trichloroethylene	0.0048	0.0021	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:48	MFF
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:48	MFF
1,2,3-Trichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:48	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:48	MFF
1,2,4-Trimethylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:48	MFF
1,3,5-Trimethylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:48	MFF
Vinyl Chloride	ND	0.010	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:48	MFF
m+p Xylene	ND	0.0042	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:48	MFF
o-Xylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 8:48	MFF

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	113	70-130	
Toluene-d8	102	70-130	
4-Bromofluorobenzene	101	70-130	

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0612

Date Received: 11/16/2012

Field Sample #: TRC-SB3 (17-19ft)

Sampled: 11/16/2012 09:40

Sample ID: 12K0612-02

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR
Acenaphthylene	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR
Acetophenone	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR
Aniline	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR
Anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR
Benzidine	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR
Benzo(a)anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR
Benzo(a)pyrene	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR
Benzo(b)fluoranthene	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR
Benzo(g,h,i)perylene	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR
Benzo(k)fluoranthene	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR
Benzoic Acid	ND	1.1	mg/Kg dry	1	L-04	SW-846 8270D	11/20/12	11/21/12 16:22	CMR
Bis(2-chloroethoxy)methane	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR
Bis(2-chloroethyl)ether	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR
Bis(2-chloroisopropyl)ether	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR
Bis(2-Ethylhexyl)phthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR
4-Bromophenylphenylether	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR
Butylbenzylphthalate	ND	0.70	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR
Carbazole	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR
4-Chloroaniline	ND	0.70	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR
4-Chloro-3-methylphenol	ND	0.70	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR
2-Chloronaphthalene	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR
2-Chlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR
4-Chlorophenylphenylether	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR
Chrysene	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR
Dibenz(a,h)anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR
Dibenzofuran	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR
Di-n-butylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR
1,2-Dichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR
1,3-Dichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR
1,4-Dichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR
3,3-Dichlorobenzidine	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR
2,4-Dichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR
Diethylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR
2,4-Dimethylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR
Dimethylphthalate	ND	0.70	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR
4,6-Dinitro-2-methylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR
2,4-Dinitrophenol	ND	0.70	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR
2,4-Dinitrotoluene	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR
2,6-Dinitrotoluene	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR
Di-n-octylphthalate	ND	0.70	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR
Fluoranthene	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR
Fluorene	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0612

Date Received: 11/16/2012

Field Sample #: TRC-SB3 (17-19ft)

Sampled: 11/16/2012 09:40

Sample ID: 12K0612-02

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR
Hexachlorobutadiene	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR
Hexachlorocyclopentadiene	ND	0.70	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR
Hexachloroethane	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR
Indeno(1,2,3-cd)pyrene	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR
Isophorone	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR
1-Methylnaphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR
2-Methylnaphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR
2-Methylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR
3/4-Methylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR
Naphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR
2-Nitroaniline	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR
3-Nitroaniline	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR
4-Nitroaniline	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR
Nitrobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR
2-Nitrophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR
4-Nitrophenol	ND	0.70	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR
N-Nitrosodimethylamine	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR
N-Nitrosodiphenylamine	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR
N-Nitrosodi-n-propylamine	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR
Pentachloronitrobenzene	ND	0.36	mg/Kg dry	1	V-16	SW-846 8270D	11/20/12	11/21/12 16:22	CMR
Pentachlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR
Phenanthrene	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR
Phenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR
Pyrene	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR
Pyridine	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR
1,2,4,5-Tetrachlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR
1,2,4-Trichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR
2,4,5-Trichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR
2,4,6-Trichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:22	CMR
Surrogates	% Recovery	Recovery Limits	Flag						
2-Fluorophenol	57.9	30-130							
Phenol-d6	52.2	30-130							
Nitrobenzene-d5	48.6	30-130							
2-Fluorobiphenyl	46.9	30-130							
2,4,6-Tribromophenol	48.1	30-130							
Terphenyl-d14	47.8	30-130							

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Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0612

Date Received: 11/16/2012

Field Sample #: TRC-SB3 (17-19ft)

Sampled: 11/16/2012 09:40

Sample ID: 12K0612-02

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	11/19/12	11/20/12 17:13	MJC
Aroclor-1221 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	11/19/12	11/20/12 17:13	MJC
Aroclor-1232 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	11/19/12	11/20/12 17:13	MJC
Aroclor-1242 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	11/19/12	11/20/12 17:13	MJC
Aroclor-1248 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	11/19/12	11/20/12 17:13	MJC
Aroclor-1254 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	11/19/12	11/20/12 17:13	MJC
Aroclor-1260 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	11/19/12	11/20/12 17:13	MJC
Aroclor-1262 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	11/19/12	11/20/12 17:13	MJC
Aroclor-1268 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	11/19/12	11/20/12 17:13	MJC
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	83.2	30-150							
Decachlorobiphenyl [2]	89.5	30-150							
Tetrachloro-m-xylene [1]	53.0	30-150							
Tetrachloro-m-xylene [2]	80.0	30-150							

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0612

Date Received: 11/16/2012

Field Sample #: TRC-SB3 (17-19ft)

Sampled: 11/16/2012 09:40

Sample ID: 12K0612-02

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	5100	2.7	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:07	OP
Antimony	ND	2.7	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:07	OP
Arsenic	ND	2.7	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:07	OP
Barium	39	2.7	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:07	OP
Beryllium	ND	0.27	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 17:37	OP
Cadmium	ND	0.27	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:07	OP
Calcium	1200	8.0	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 17:37	OP
Chromium	12	0.53	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:07	OP
Cobalt	4.4	2.7	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:07	OP
Copper	15	0.53	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:07	OP
Iron	12000	2.7	mg/Kg dry	1	B-07, B	SW-846 6010C	11/17/12	11/20/12 17:37	OP
Lead	5.2	0.80	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:07	OP
Magnesium	2200	8.0	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 17:37	OP
Manganese	300	0.53	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 17:37	OP
Mercury	ND	0.026	mg/Kg dry	1		SW-846 7471B	11/17/12	11/19/12 14:34	SAJ
Nickel	12	0.53	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:07	OP
Potassium	850	110	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 17:37	OP
Selenium	ND	2.7	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:07	OP
Silver	ND	0.53	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:07	OP
Sodium	ND	110	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 17:37	OP
Thallium	ND	2.7	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 16:21	OP
Vanadium	31	1.1	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:07	OP
Zinc	26	1.1	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:07	OP

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Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0612

Date Received: 11/16/2012

Field Sample #: TRC-SB3 (17-19ft)

Sampled: 11/16/2012 09:40

Sample ID: 12K0612-02

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	93.7		% Wt	1		SM 2540G	11/17/12	11/19/12 9:15	WAL

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0612

Date Received: 11/16/2012

Field Sample #: TRC-SB3 (5-7ft)

Sampled: 11/16/2012 09:45

Sample ID: 12K0612-03

Sample Matrix: Soil

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Alachlor [1]	ND	0.023	mg/Kg dry	1		SW-846 8081B	11/19/12	11/21/12 5:48	PJG
Aldrin [1]	ND	0.0057	mg/Kg dry	1		SW-846 8081B	11/19/12	11/21/12 5:48	PJG
alpha-BHC [1]	ND	0.0057	mg/Kg dry	1		SW-846 8081B	11/19/12	11/21/12 5:48	PJG
beta-BHC [1]	ND	0.0057	mg/Kg dry	1		SW-846 8081B	11/19/12	11/21/12 5:48	PJG
delta-BHC [1]	ND	0.0057	mg/Kg dry	1		SW-846 8081B	11/19/12	11/21/12 5:48	PJG
gamma-BHC (Lindane) [1]	ND	0.0023	mg/Kg dry	1		SW-846 8081B	11/19/12	11/21/12 5:48	PJG
Chlordane [1]	ND	0.023	mg/Kg dry	1		SW-846 8081B	11/19/12	11/21/12 5:48	PJG
4,4'-DDD [1]	ND	0.0045	mg/Kg dry	1		SW-846 8081B	11/19/12	11/21/12 5:48	PJG
4,4'-DDE [1]	ND	0.0045	mg/Kg dry	1		SW-846 8081B	11/19/12	11/21/12 5:48	PJG
4,4'-DDT [1]	ND	0.0045	mg/Kg dry	1		SW-846 8081B	11/19/12	11/21/12 5:48	PJG
Dieldrin [1]	ND	0.0045	mg/Kg dry	1		SW-846 8081B	11/19/12	11/21/12 5:48	PJG
Endosulfan I [1]	ND	0.0057	mg/Kg dry	1		SW-846 8081B	11/19/12	11/21/12 5:48	PJG
Endosulfan II [1]	ND	0.0091	mg/Kg dry	1		SW-846 8081B	11/19/12	11/21/12 5:48	PJG
Endosulfan sulfate [1]	ND	0.0091	mg/Kg dry	1		SW-846 8081B	11/19/12	11/21/12 5:48	PJG
Endrin [1]	ND	0.0091	mg/Kg dry	1		SW-846 8081B	11/19/12	11/21/12 5:48	PJG
Endrin aldehyde [1]	ND	0.0091	mg/Kg dry	1		SW-846 8081B	11/19/12	11/21/12 5:48	PJG
Endrin ketone [1]	ND	0.0091	mg/Kg dry	1		SW-846 8081B	11/19/12	11/21/12 5:48	PJG
Heptachlor [1]	ND	0.0057	mg/Kg dry	1		SW-846 8081B	11/19/12	11/21/12 5:48	PJG
Heptachlor epoxide [1]	ND	0.0057	mg/Kg dry	1		SW-846 8081B	11/19/12	11/21/12 5:48	PJG
Hexachlorobenzene [1]	ND	0.0068	mg/Kg dry	1		SW-846 8081B	11/19/12	11/21/12 5:48	PJG
Methoxychlor [1]	ND	0.057	mg/Kg dry	1		SW-846 8081B	11/19/12	11/21/12 5:48	PJG
Toxaphene [2]	ND	0.11	mg/Kg dry	1		SW-846 8081B	11/19/12	11/21/12 5:48	PJG
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	90.2	30-150							
Decachlorobiphenyl [2]	83.1	30-150							
Tetrachloro-m-xylene [1]	89.7	30-150							
Tetrachloro-m-xylene [2]	88.7	30-150							

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Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0612

Date Received: 11/16/2012

Field Sample #: TRC-SB3 (5-7ft)

Sampled: 11/16/2012 09:45

Sample ID: 12K0612-03

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Gasoline Range Organics (GRO)	ND	1.3	mg/Kg dry	1		SW-846 8015C	11/20/12	11/20/12 12:31	EEH
Diesel Range Organics	ND	9.4	mg/Kg dry	1		SW-846 8015C	11/19/12	11/20/12 23:42	SCS
Surrogates	% Recovery		Recovery Limits		Flag				
1-Chloro-3-fluorobenzene	89.1		70-130					11/20/12 12:31	
o-Terphenyl	72.8		40-140					11/20/12 23:42	

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0612

Date Received: 11/16/2012

Field Sample #: TRC-SB3 (5-7ft)

Sampled: 11/16/2012 09:45

Sample ID: 12K0612-03

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.56	mg/Kg dry	1		SW-846 9014	11/21/12	11/21/12 13:55	VAK
Hexavalent Chromium	ND	0.36	mg/Kg dry	2	W-06	SW-846 7196A	11/26/12	11/26/12 17:30	AED
Oxidation/Reduction Potential	94		mV	1		SM2580 A	11/16/12	11/16/12 23:40	AED
pH @20.1°C	7.2		pH Units	1		SW-846 9045C	11/16/12	11/16/12 23:40	AED
% Solids	87.1		% Wt	1		SM 2540G	11/17/12	11/19/12 9:15	WAL

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0612

Date Received: 11/16/2012

Field Sample #: TRC-GW-3

Sampled: 11/16/2012 09:40

Sample ID: 12K0612-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	11/19/12	11/19/12 14:19	MFF
n-Butylbenzene	ND	2.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1	L-04	SW-846 8260C	11/19/12	11/19/12 14:19	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF
2,2-Dichloropropane	ND	2.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0612

Date Received: 11/16/2012

Field Sample #: TRC-GW-3

Sampled: 11/16/2012 09:40

Sample ID: 12K0612-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	11/19/12	11/19/12 14:19	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF
Trichloroethylene	2.7	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:19	MFF

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	108	70-130	
Toluene-d8	97.3	70-130	
4-Bromofluorobenzene	97.5	70-130	

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0612

Date Received: 11/16/2012

Field Sample #: TRC-GW-3

Sampled: 11/16/2012 09:40

Sample ID: 12K0612-04

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.0	µg/L	1		SW-846 8270D	11/19/12	11/21/12 9:39	BGL
Acenaphthylene	ND	5.0	µg/L	1		SW-846 8270D	11/19/12	11/21/12 9:39	BGL
Acetophenone	ND	10	µg/L	1		SW-846 8270D	11/19/12	11/21/12 9:39	BGL
Aniline	ND	5.0	µg/L	1		SW-846 8270D	11/19/12	11/21/12 9:39	BGL
Anthracene	ND	5.0	µg/L	1		SW-846 8270D	11/19/12	11/21/12 9:39	BGL
Benzidine	ND	10	µg/L	1	R-05	SW-846 8270D	11/19/12	11/21/12 9:39	BGL
Benzo(a)anthracene	ND	5.0	µg/L	1		SW-846 8270D	11/19/12	11/21/12 9:39	BGL
Benzo(a)pyrene	ND	5.0	µg/L	1		SW-846 8270D	11/19/12	11/21/12 9:39	BGL
Benzo(b)fluoranthene	ND	5.0	µg/L	1		SW-846 8270D	11/19/12	11/21/12 9:39	BGL
Benzo(g,h,i)perylene	ND	5.0	µg/L	1		SW-846 8270D	11/19/12	11/21/12 9:39	BGL
Benzo(k)fluoranthene	ND	5.0	µg/L	1	R-05	SW-846 8270D	11/19/12	11/21/12 9:39	BGL
Benzoic Acid	ND	10	µg/L	1		SW-846 8270D	11/19/12	11/21/12 9:39	BGL
Bis(2-chloroethoxy)methane	ND	10	µg/L	1		SW-846 8270D	11/19/12	11/21/12 9:39	BGL
Bis(2-chloroethyl)ether	ND	10	µg/L	1		SW-846 8270D	11/19/12	11/21/12 9:39	BGL
Bis(2-chloroisopropyl)ether	ND	10	µg/L	1		SW-846 8270D	11/19/12	11/21/12 9:39	BGL
Bis(2-Ethylhexyl)phthalate	ND	10	µg/L	1		SW-846 8270D	11/19/12	11/21/12 9:39	BGL
4-Bromophenylphenylether	ND	10	µg/L	1		SW-846 8270D	11/19/12	11/21/12 9:39	BGL
Butylbenzylphthalate	ND	10	µg/L	1		SW-846 8270D	11/19/12	11/21/12 9:39	BGL
Carbazole	ND	10	µg/L	1		SW-846 8270D	11/19/12	11/21/12 9:39	BGL
4-Chloroaniline	ND	10	µg/L	1		SW-846 8270D	11/19/12	11/21/12 9:39	BGL
4-Chloro-3-methylphenol	ND	10	µg/L	1		SW-846 8270D	11/19/12	11/21/12 9:39	BGL
2-Chloronaphthalene	ND	10	µg/L	1		SW-846 8270D	11/19/12	11/21/12 9:39	BGL
2-Chlorophenol	ND	10	µg/L	1		SW-846 8270D	11/19/12	11/21/12 9:39	BGL
4-Chlorophenylphenylether	ND	10	µg/L	1		SW-846 8270D	11/19/12	11/21/12 9:39	BGL
Chrysene	ND	5.0	µg/L	1		SW-846 8270D	11/19/12	11/21/12 9:39	BGL
Dibenz(a,h)anthracene	ND	5.0	µg/L	1		SW-846 8270D	11/19/12	11/21/12 9:39	BGL
Dibenzofuran	ND	5.0	µg/L	1		SW-846 8270D	11/19/12	11/21/12 9:39	BGL
Di-n-butylphthalate	ND	10	µg/L	1		SW-846 8270D	11/19/12	11/21/12 9:39	BGL
1,2-Dichlorobenzene	ND	5.0	µg/L	1		SW-846 8270D	11/19/12	11/21/12 9:39	BGL
1,3-Dichlorobenzene	ND	5.0	µg/L	1		SW-846 8270D	11/19/12	11/21/12 9:39	BGL
1,4-Dichlorobenzene	ND	5.0	µg/L	1		SW-846 8270D	11/19/12	11/21/12 9:39	BGL
3,3-Dichlorobenzidine	ND	10	µg/L	1		SW-846 8270D	11/19/12	11/21/12 9:39	BGL
2,4-Dichlorophenol	ND	10	µg/L	1		SW-846 8270D	11/19/12	11/21/12 9:39	BGL
Diethylphthalate	ND	10	µg/L	1		SW-846 8270D	11/19/12	11/21/12 9:39	BGL
2,4-Dimethylphenol	ND	10	µg/L	1	R-05	SW-846 8270D	11/19/12	11/21/12 9:39	BGL
Dimethylphthalate	ND	10	µg/L	1		SW-846 8270D	11/19/12	11/21/12 9:39	BGL
4,6-Dinitro-2-methylphenol	ND	10	µg/L	1		SW-846 8270D	11/19/12	11/21/12 9:39	BGL
2,4-Dinitrophenol	ND	10	µg/L	1		SW-846 8270D	11/19/12	11/21/12 9:39	BGL
2,4-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D	11/19/12	11/21/12 9:39	BGL
2,6-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D	11/19/12	11/21/12 9:39	BGL
Di-n-octylphthalate	ND	10	µg/L	1		SW-846 8270D	11/19/12	11/21/12 9:39	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	10	µg/L	1		SW-846 8270D	11/19/12	11/21/12 9:39	BGL
Fluoranthene	ND	5.0	µg/L	1		SW-846 8270D	11/19/12	11/21/12 9:39	BGL
Fluorene	ND	5.0	µg/L	1		SW-846 8270D	11/19/12	11/21/12 9:39	BGL

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0612

Date Received: 11/16/2012

Field Sample #: TRC-GW-3

Sampled: 11/16/2012 09:40

Sample ID: 12K0612-04

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	10	µg/L	1		SW-846 8270D	11/19/12	11/21/12 9:39	BGL
Hexachlorobutadiene	ND	10	µg/L	1		SW-846 8270D	11/19/12	11/21/12 9:39	BGL
Hexachlorocyclopentadiene	ND	10	µg/L	1		SW-846 8270D	11/19/12	11/21/12 9:39	BGL
Hexachloroethane	ND	10	µg/L	1		SW-846 8270D	11/19/12	11/21/12 9:39	BGL
Indeno(1,2,3-cd)pyrene	ND	5.0	µg/L	1		SW-846 8270D	11/19/12	11/21/12 9:39	BGL
Isophorone	ND	10	µg/L	1		SW-846 8270D	11/19/12	11/21/12 9:39	BGL
1-Methylnaphthalene	ND	5.0	µg/L	1		SW-846 8270D	11/19/12	11/21/12 9:39	BGL
2-Methylnaphthalene	ND	5.0	µg/L	1		SW-846 8270D	11/19/12	11/21/12 9:39	BGL
2-Methylphenol	ND	10	µg/L	1		SW-846 8270D	11/19/12	11/21/12 9:39	BGL
3/4-Methylphenol	ND	10	µg/L	1		SW-846 8270D	11/19/12	11/21/12 9:39	BGL
Naphthalene	ND	5.0	µg/L	1		SW-846 8270D	11/19/12	11/21/12 9:39	BGL
2-Nitroaniline	ND	10	µg/L	1		SW-846 8270D	11/19/12	11/21/12 9:39	BGL
3-Nitroaniline	ND	10	µg/L	1		SW-846 8270D	11/19/12	11/21/12 9:39	BGL
4-Nitroaniline	ND	10	µg/L	1		SW-846 8270D	11/19/12	11/21/12 9:39	BGL
Nitrobenzene	ND	10	µg/L	1		SW-846 8270D	11/19/12	11/21/12 9:39	BGL
2-Nitrophenol	ND	10	µg/L	1		SW-846 8270D	11/19/12	11/21/12 9:39	BGL
4-Nitrophenol	ND	10	µg/L	1		SW-846 8270D	11/19/12	11/21/12 9:39	BGL
N-Nitrosodimethylamine	ND	5.0	µg/L	1		SW-846 8270D	11/19/12	11/21/12 9:39	BGL
N-Nitrosodiphenylamine	ND	10	µg/L	1		SW-846 8270D	11/19/12	11/21/12 9:39	BGL
N-Nitrosodi-n-propylamine	ND	10	µg/L	1		SW-846 8270D	11/19/12	11/21/12 9:39	BGL
Pentachloronitrobenzene	ND	10	µg/L	1		SW-846 8270D	11/19/12	11/21/12 9:39	BGL
Pentachlorophenol	ND	10	µg/L	1		SW-846 8270D	11/19/12	11/21/12 9:39	BGL
Phenanthrene	ND	5.0	µg/L	1		SW-846 8270D	11/19/12	11/21/12 9:39	BGL
Phenol	ND	10	µg/L	1		SW-846 8270D	11/19/12	11/21/12 9:39	BGL
Pyrene	ND	5.0	µg/L	1		SW-846 8270D	11/19/12	11/21/12 9:39	BGL
Pyridine	ND	5.0	µg/L	1		SW-846 8270D	11/19/12	11/21/12 9:39	BGL
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L	1		SW-846 8270D	11/19/12	11/21/12 9:39	BGL
1,2,4-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8270D	11/19/12	11/21/12 9:39	BGL
2,4,5-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D	11/19/12	11/21/12 9:39	BGL
2,4,6-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D	11/19/12	11/21/12 9:39	BGL
Surrogates	% Recovery	Recovery Limits	Flag						
2-Fluorophenol	61.3	15-110							
Phenol-d6	38.0	15-110							
Nitrobenzene-d5	83.1	30-130							
2-Fluorobiphenyl	74.0	30-130							
2,4,6-Tribromophenol	88.0	15-110							
Terphenyl-d14	56.9	30-130							

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0612

Date Received: 11/16/2012

Field Sample #: TRC-GW-3

Sampled: 11/16/2012 09:40

Sample ID: 12K0612-04

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	75	0.050	mg/L	1		SW-846 6010C	11/19/12	11/20/12 14:09	OP
Antimony	ND	5.0	µg/L	5		SW-846 6020A	11/19/12	11/20/12 12:19	AMP
Arsenic	22	2.0	µg/L	5		SW-846 6020A	11/19/12	11/20/12 12:19	AMP
Barium	890	50	µg/L	5		SW-846 6020A	11/19/12	11/20/12 12:19	AMP
Beryllium	5.4	2.0	µg/L	5		SW-846 6020A	11/19/12	11/26/12 12:13	KSH
Cadmium	ND	2.5	µg/L	5		SW-846 6020A	11/19/12	11/20/12 12:19	AMP
Calcium	50	0.15	mg/L	1		SW-846 6010C	11/19/12	11/20/12 14:09	OP
Chromium	200	5.0	µg/L	5		SW-846 6020A	11/19/12	11/20/12 12:19	AMP
Cobalt	90	5.0	µg/L	5		SW-846 6020A	11/19/12	11/20/12 12:19	AMP
Copper	210	25	µg/L	5		SW-846 6020A	11/19/12	11/20/12 12:19	AMP
Iron	120	0.050	mg/L	1		SW-846 6010C	11/19/12	11/20/12 14:09	OP
Lead	110	5.0	µg/L	5		SW-846 6020A	11/19/12	11/20/12 12:19	AMP
Magnesium	48	0.15	mg/L	1		SW-846 6010C	11/19/12	11/20/12 14:09	OP
Manganese	7300	100	µg/L	100		SW-846 6020A	11/19/12	11/20/12 12:56	AMP
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	11/19/12	11/19/12 13:29	SAJ
Nickel	240	25	µg/L	5		SW-846 6020A	11/19/12	11/20/12 12:19	AMP
Potassium	14	2.0	mg/L	1		SW-846 6010C	11/19/12	11/20/12 14:09	OP
Selenium	ND	25	µg/L	5		SW-846 6020A	11/19/12	11/20/12 12:19	AMP
Silver	ND	2.5	µg/L	5		SW-846 6020A	11/19/12	11/20/12 12:19	AMP
Sodium	70	2.0	mg/L	1		SW-846 6010C	11/19/12	11/20/12 14:09	OP
Thallium	ND	1.0	µg/L	5		SW-846 6020A	11/19/12	11/20/12 12:19	AMP
Vanadium	170	25	µg/L	5		SW-846 6020A	11/19/12	11/20/12 12:19	AMP
Zinc	520	50	µg/L	5		SW-846 6020A	11/19/12	11/20/12 12:19	AMP

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0612

Date Received: 11/16/2012

Field Sample #: TRC-GW-3

Sampled: 11/16/2012 09:40

Sample ID: 12K0612-04

Sample Matrix: Ground Water

Metals Analyses (Dissolved)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	ND	0.050	mg/L	1		SW-846 6010C	11/17/12	11/19/12 18:49	OP
Antimony	ND	5.0	µg/L	5		SW-846 6020A	11/17/12	11/19/12 18:02	AMP
Arsenic	2.1	2.0	µg/L	5		SW-846 6020A	11/17/12	11/19/12 18:02	AMP
Barium	ND	50	µg/L	5		SW-846 6020A	11/17/12	11/19/12 18:02	AMP
Beryllium	ND	2.0	µg/L	5		SW-846 6020A	11/17/12	11/19/12 18:02	AMP
Cadmium	ND	2.5	µg/L	5		SW-846 6020A	11/17/12	11/19/12 18:02	AMP
Calcium	33	0.15	mg/L	1		SW-846 6010C	11/17/12	11/19/12 18:49	OP
Chromium	ND	5.0	µg/L	5		SW-846 6020A	11/17/12	11/19/12 18:02	AMP
Cobalt	ND	5.0	µg/L	5		SW-846 6020A	11/17/12	11/19/12 18:02	AMP
Copper	ND	25	µg/L	5		SW-846 6020A	11/17/12	11/19/12 18:02	AMP
Iron	0.24	0.050	mg/L	1		SW-846 6010C	11/17/12	11/20/12 19:16	OP
Lead	ND	5.0	µg/L	5		SW-846 6020A	11/17/12	11/19/12 18:02	AMP
Magnesium	13	0.15	mg/L	1		SW-846 6010C	11/17/12	11/19/12 18:49	OP
Manganese	230	5.0	µg/L	5		SW-846 6020A	11/17/12	11/19/12 18:02	AMP
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	11/17/12	11/19/12 12:48	SAJ
Nickel	ND	25	µg/L	5		SW-846 6020A	11/17/12	11/19/12 18:02	AMP
Potassium	3.5	2.0	mg/L	1		SW-846 6010C	11/17/12	11/19/12 18:49	OP
Selenium	ND	25	µg/L	5		SW-846 6020A	11/17/12	11/19/12 18:02	AMP
Silver	ND	2.5	µg/L	5		SW-846 6020A	11/17/12	11/19/12 18:02	AMP
Sodium	74	2.0	mg/L	1		SW-846 6010C	11/17/12	11/19/12 18:49	OP
Thallium	ND	1.0	µg/L	5		SW-846 6020A	11/17/12	11/19/12 18:02	AMP
Vanadium	ND	25	µg/L	5		SW-846 6020A	11/17/12	11/19/12 18:02	AMP
Zinc	ND	50	µg/L	5		SW-846 6020A	11/17/12	11/19/12 18:02	AMP

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0612

Date Received: 11/16/2012

Field Sample #: TRC-SB4 (1-4ft)

Sampled: 11/16/2012 11:00

Sample ID: 12K0612-05

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.12	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:15	MFF
Acrylonitrile	ND	0.0074	mg/Kg dry	1	V-05, V-16	SW-846 8260C	11/19/12	11/19/12 9:15	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:15	MFF
Benzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:15	MFF
Bromobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:15	MFF
Bromochloromethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:15	MFF
Bromodichloromethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:15	MFF
Bromoform	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:15	MFF
Bromomethane	ND	0.012	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:15	MFF
2-Butanone (MEK)	ND	0.050	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:15	MFF
tert-Butyl Alcohol (TBA)	ND	0.050	mg/Kg dry	1	V-16	SW-846 8260C	11/19/12	11/19/12 9:15	MFF
n-Butylbenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:15	MFF
sec-Butylbenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:15	MFF
tert-Butylbenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:15	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:15	MFF
Carbon Disulfide	ND	0.0074	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:15	MFF
Carbon Tetrachloride	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:15	MFF
Chlorobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:15	MFF
Chlorodibromomethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:15	MFF
Chloroethane	ND	0.025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:15	MFF
Chloroform	ND	0.0050	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:15	MFF
Chloromethane	ND	0.012	mg/Kg dry	1	L-04, V-05	SW-846 8260C	11/19/12	11/19/12 9:15	MFF
2-Chlorotoluene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:15	MFF
4-Chlorotoluene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:15	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0025	mg/Kg dry	1	V-16	SW-846 8260C	11/19/12	11/19/12 9:15	MFF
1,2-Dibromoethane (EDB)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:15	MFF
Dibromomethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:15	MFF
1,2-Dichlorobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:15	MFF
1,3-Dichlorobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:15	MFF
1,4-Dichlorobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:15	MFF
trans-1,4-Dichloro-2-butene	ND	0.0050	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:15	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.025	mg/Kg dry	1	L-04	SW-846 8260C	11/19/12	11/19/12 9:15	MFF
1,1-Dichloroethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:15	MFF
1,2-Dichloroethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:15	MFF
1,1-Dichloroethylene	ND	0.0050	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:15	MFF
cis-1,2-Dichloroethylene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:15	MFF
trans-1,2-Dichloroethylene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:15	MFF
1,2-Dichloropropane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:15	MFF
1,3-Dichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:15	MFF
2,2-Dichloropropane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:15	MFF
1,1-Dichloropropene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:15	MFF
cis-1,3-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:15	MFF
trans-1,3-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:15	MFF
Diethyl Ether	ND	0.025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:15	MFF

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0612

Date Received: 11/16/2012

Field Sample #: TRC-SB4 (1-4ft)

Sampled: 11/16/2012 11:00

Sample ID: 12K0612-05

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:15	MFF
1,4-Dioxane	ND	0.12	mg/Kg dry	1	V-16	SW-846 8260C	11/19/12	11/19/12 9:15	MFF
Ethylbenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:15	MFF
Hexachlorobutadiene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:15	MFF
2-Hexanone (MBK)	ND	0.025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:15	MFF
Isopropylbenzene (Cumene)	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:15	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:15	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0050	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:15	MFF
Methylene Chloride	ND	0.025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:15	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:15	MFF
Naphthalene	ND	0.0050	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:15	MFF
n-Propylbenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:15	MFF
Styrene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:15	MFF
1,1,1,2-Tetrachloroethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:15	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:15	MFF
Tetrachloroethylene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:15	MFF
Tetrahydrofuran	ND	0.012	mg/Kg dry	1	V-16	SW-846 8260C	11/19/12	11/19/12 9:15	MFF
Toluene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:15	MFF
1,2,3-Trichlorobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:15	MFF
1,2,4-Trichlorobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:15	MFF
1,3,5-Trichlorobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:15	MFF
1,1,1-Trichloroethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:15	MFF
1,1,2-Trichloroethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:15	MFF
Trichloroethylene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:15	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:15	MFF
1,2,3-Trichloropropane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:15	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.012	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:15	MFF
1,2,4-Trimethylbenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:15	MFF
1,3,5-Trimethylbenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:15	MFF
Vinyl Chloride	ND	0.012	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:15	MFF
m+p Xylene	ND	0.0050	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:15	MFF
o-Xylene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:15	MFF

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	112	70-130	
Toluene-d8	102	70-130	
4-Bromofluorobenzene	100	70-130	

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0612

Date Received: 11/16/2012

Field Sample #: TRC-SB4 (1-4ft)

Sampled: 11/16/2012 11:00

Sample ID: 12K0612-05

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR
Acenaphthylene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR
Acetophenone	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR
Aniline	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR
Anthracene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR
Benzidine	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR
Benzo(a)anthracene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR
Benzo(a)pyrene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR
Benzo(b)fluoranthene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR
Benzo(g,h,i)perylene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR
Benzo(k)fluoranthene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR
Benzoic Acid	ND	1.2	mg/Kg dry	1	L-04	SW-846 8270D	11/20/12	11/21/12 16:53	CMR
Bis(2-chloroethoxy)methane	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR
Bis(2-chloroethyl)ether	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR
Bis(2-chloroisopropyl)ether	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR
Bis(2-Ethylhexyl)phthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR
4-Bromophenylphenylether	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR
Butylbenzylphthalate	ND	0.76	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR
Carbazole	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR
4-Chloroaniline	ND	0.76	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR
4-Chloro-3-methylphenol	ND	0.76	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR
2-Chloronaphthalene	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR
2-Chlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR
4-Chlorophenylphenylether	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR
Chrysene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR
Dibenz(a,h)anthracene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR
Dibenzofuran	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR
Di-n-butylphthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR
1,2-Dichlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR
1,3-Dichlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR
1,4-Dichlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR
3,3-Dichlorobenzidine	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR
2,4-Dichlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR
Diethylphthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR
2,4-Dimethylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR
Dimethylphthalate	ND	0.76	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR
4,6-Dinitro-2-methylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR
2,4-Dinitrophenol	ND	0.76	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR
2,4-Dinitrotoluene	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR
2,6-Dinitrotoluene	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR
Di-n-octylphthalate	ND	0.76	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR
Fluoranthene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR
Fluorene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0612

Date Received: 11/16/2012

Field Sample #: TRC-SB4 (1-4ft)

Sampled: 11/16/2012 11:00

Sample ID: 12K0612-05

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR
Hexachlorobutadiene	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR
Hexachlorocyclopentadiene	ND	0.76	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR
Hexachloroethane	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR
Indeno(1,2,3-cd)pyrene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR
Isophorone	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR
1-Methylnaphthalene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR
2-Methylnaphthalene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR
2-Methylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR
3/4-Methylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR
Naphthalene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR
2-Nitroaniline	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR
3-Nitroaniline	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR
4-Nitroaniline	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR
Nitrobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR
2-Nitrophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR
4-Nitrophenol	ND	0.76	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR
N-Nitrosodimethylamine	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR
N-Nitrosodiphenylamine	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR
N-Nitrosodi-n-propylamine	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR
Pentachloronitrobenzene	ND	0.39	mg/Kg dry	1	V-16	SW-846 8270D	11/20/12	11/21/12 16:53	CMR
Pentachlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR
Phenanthrene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR
Phenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR
Pyrene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR
Pyridine	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR
1,2,4,5-Tetrachlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR
1,2,4-Trichlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR
2,4,5-Trichlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR
2,4,6-Trichlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 16:53	CMR
Surrogates	% Recovery	Recovery Limits	Flag						
2-Fluorophenol	57.8	30-130							
Phenol-d6	51.2	30-130							
Nitrobenzene-d5	46.8	30-130							
2-Fluorobiphenyl	45.4	30-130							
2,4,6-Tribromophenol	47.9	30-130							
Terphenyl-d14	45.5	30-130							

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0612

Date Received: 11/16/2012

Field Sample #: TRC-SB4 (1-4ft)

Sampled: 11/16/2012 11:00

Sample ID: 12K0612-05

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/19/12	11/20/12 17:26	MJC
Aroclor-1221 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/19/12	11/20/12 17:26	MJC
Aroclor-1232 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/19/12	11/20/12 17:26	MJC
Aroclor-1242 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/19/12	11/20/12 17:26	MJC
Aroclor-1248 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/19/12	11/20/12 17:26	MJC
Aroclor-1254 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/19/12	11/20/12 17:26	MJC
Aroclor-1260 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/19/12	11/20/12 17:26	MJC
Aroclor-1262 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/19/12	11/20/12 17:26	MJC
Aroclor-1268 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/19/12	11/20/12 17:26	MJC
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	84.0	30-150							
Decachlorobiphenyl [2]	89.6	30-150							
Tetrachloro-m-xylene [1]	52.6	30-150							
Tetrachloro-m-xylene [2]	78.3	30-150							

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0612

Date Received: 11/16/2012

Field Sample #: TRC-SB4 (1-4ft)

Sampled: 11/16/2012 11:00

Sample ID: 12K0612-05

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	8300	2.9	mg/Kg dry	1	MS-19	SW-846 6010C	11/17/12	11/19/12 22:32	OP
Antimony	ND	2.9	mg/Kg dry	1	MS-07	SW-846 6010C	11/17/12	11/19/12 22:32	OP
Arsenic	ND	2.9	mg/Kg dry	1		SW-846 6010C	11/17/12	11/19/12 22:32	OP
Barium	30	2.9	mg/Kg dry	1		SW-846 6010C	11/17/12	11/19/12 22:32	OP
Beryllium	ND	0.29	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 16:35	OP
Cadmium	ND	0.29	mg/Kg dry	1		SW-846 6010C	11/17/12	11/19/12 22:32	OP
Calcium	1100	8.7	mg/Kg dry	1	MS-19	SW-846 6010C	11/17/12	11/20/12 16:35	OP
Chromium	12	0.58	mg/Kg dry	1		SW-846 6010C	11/17/12	11/19/12 22:32	OP
Cobalt	6.2	2.9	mg/Kg dry	1		SW-846 6010C	11/17/12	11/19/12 22:32	OP
Copper	12	0.58	mg/Kg dry	1		SW-846 6010C	11/17/12	11/19/12 22:32	OP
Iron	16000	2.9	mg/Kg dry	1	MS-19, B-07, B	SW-846 6010C	11/17/12	11/20/12 16:35	OP
Lead	14	0.87	mg/Kg dry	1		SW-846 6010C	11/17/12	11/19/12 22:32	OP
Magnesium	2800	8.7	mg/Kg dry	1	MS-19	SW-846 6010C	11/17/12	11/20/12 16:35	OP
Manganese	420	0.58	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 16:35	OP
Mercury	0.032	0.028	mg/Kg dry	1		SW-846 7471B	11/17/12	11/19/12 14:40	SAJ
Nickel	11	0.58	mg/Kg dry	1		SW-846 6010C	11/17/12	11/19/12 22:32	OP
Potassium	790	120	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 16:35	OP
Selenium	ND	2.9	mg/Kg dry	1		SW-846 6010C	11/17/12	11/19/12 22:32	OP
Silver	ND	0.58	mg/Kg dry	1		SW-846 6010C	11/17/12	11/19/12 22:32	OP
Sodium	ND	120	mg/Kg dry	1	MS-14	SW-846 6010C	11/17/12	11/20/12 16:35	OP
Thallium	ND	2.9	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 15:51	OP
Vanadium	22	1.2	mg/Kg dry	1		SW-846 6010C	11/17/12	11/19/12 22:32	OP
Zinc	35	1.2	mg/Kg dry	1		SW-846 6010C	11/17/12	11/19/12 22:32	OP

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0612

Date Received: 11/16/2012

Field Sample #: TRC-SB4 (1-4ft)

Sampled: 11/16/2012 11:00

Sample ID: 12K0612-05

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.9		% Wt	1		SM 2540G	11/17/12	11/19/12 9:15	WAL

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0612

Date Received: 11/16/2012

Field Sample #: TRC-SB4 (17-19ft)

Sampled: 11/16/2012 11:20

Sample ID: 12K0612-06

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.11	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:42	MFF
Acrylonitrile	ND	0.0068	mg/Kg dry	1	V-05, V-16	SW-846 8260C	11/19/12	11/19/12 9:42	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:42	MFF
Benzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:42	MFF
Bromobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:42	MFF
Bromochloromethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:42	MFF
Bromodichloromethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:42	MFF
Bromoform	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:42	MFF
Bromomethane	ND	0.011	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:42	MFF
2-Butanone (MEK)	ND	0.045	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:42	MFF
tert-Butyl Alcohol (TBA)	ND	0.045	mg/Kg dry	1	V-16	SW-846 8260C	11/19/12	11/19/12 9:42	MFF
n-Butylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:42	MFF
sec-Butylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:42	MFF
tert-Butylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:42	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:42	MFF
Carbon Disulfide	ND	0.0068	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:42	MFF
Carbon Tetrachloride	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:42	MFF
Chlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:42	MFF
Chlorodibromomethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:42	MFF
Chloroethane	ND	0.023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:42	MFF
Chloroform	ND	0.0045	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:42	MFF
Chloromethane	ND	0.011	mg/Kg dry	1	L-04, V-05	SW-846 8260C	11/19/12	11/19/12 9:42	MFF
2-Chlorotoluene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:42	MFF
4-Chlorotoluene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:42	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0023	mg/Kg dry	1	V-16	SW-846 8260C	11/19/12	11/19/12 9:42	MFF
1,2-Dibromoethane (EDB)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:42	MFF
Dibromomethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:42	MFF
1,2-Dichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:42	MFF
1,3-Dichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:42	MFF
1,4-Dichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:42	MFF
trans-1,4-Dichloro-2-butene	ND	0.0045	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:42	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.023	mg/Kg dry	1	L-04	SW-846 8260C	11/19/12	11/19/12 9:42	MFF
1,1-Dichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:42	MFF
1,2-Dichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:42	MFF
1,1-Dichloroethylene	ND	0.0045	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:42	MFF
cis-1,2-Dichloroethylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:42	MFF
trans-1,2-Dichloroethylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:42	MFF
1,2-Dichloropropane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:42	MFF
1,3-Dichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:42	MFF
2,2-Dichloropropane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:42	MFF
1,1-Dichloropropene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:42	MFF
cis-1,3-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:42	MFF
trans-1,3-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:42	MFF
Diethyl Ether	ND	0.023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:42	MFF

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0612

Date Received: 11/16/2012

Field Sample #: TRC-SB4 (17-19ft)

Sampled: 11/16/2012 11:20

Sample ID: 12K0612-06

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:42	MFF
1,4-Dioxane	ND	0.11	mg/Kg dry	1	V-16	SW-846 8260C	11/19/12	11/19/12 9:42	MFF
Ethylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:42	MFF
Hexachlorobutadiene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:42	MFF
2-Hexanone (MBK)	ND	0.023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:42	MFF
Isopropylbenzene (Cumene)	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:42	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:42	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0045	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:42	MFF
Methylene Chloride	ND	0.023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:42	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:42	MFF
Naphthalene	ND	0.0045	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:42	MFF
n-Propylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:42	MFF
Styrene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:42	MFF
1,1,1,2-Tetrachloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:42	MFF
1,1,2,2-Tetrachloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:42	MFF
Tetrachloroethylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:42	MFF
Tetrahydrofuran	ND	0.011	mg/Kg dry	1	V-16	SW-846 8260C	11/19/12	11/19/12 9:42	MFF
Toluene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:42	MFF
1,2,3-Trichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:42	MFF
1,2,4-Trichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:42	MFF
1,3,5-Trichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:42	MFF
1,1,1-Trichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:42	MFF
1,1,2-Trichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:42	MFF
Trichloroethylene	0.0051	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:42	MFF
Trichlorofluoromethane (Freon 11)	ND	0.011	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:42	MFF
1,2,3-Trichloropropane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:42	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.011	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:42	MFF
1,2,4-Trimethylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:42	MFF
1,3,5-Trimethylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:42	MFF
Vinyl Chloride	ND	0.011	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:42	MFF
m+p Xylene	ND	0.0045	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:42	MFF
o-Xylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 9:42	MFF

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	112	70-130	
Toluene-d8	102	70-130	
4-Bromofluorobenzene	99.9	70-130	

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0612

Date Received: 11/16/2012

Field Sample #: TRC-SB4 (17-19ft)

Sampled: 11/16/2012 11:20

Sample ID: 12K0612-06

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR
Acenaphthylene	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR
Acetophenone	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR
Aniline	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR
Anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR
Benzidine	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR
Benzo(a)anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR
Benzo(a)pyrene	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR
Benzo(b)fluoranthene	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR
Benzo(g,h,i)perylene	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR
Benzo(k)fluoranthene	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR
Benzoic Acid	ND	1.1	mg/Kg dry	1	L-04	SW-846 8270D	11/20/12	11/21/12 17:23	CMR
Bis(2-chloroethoxy)methane	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR
Bis(2-chloroethyl)ether	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR
Bis(2-chloroisopropyl)ether	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR
Bis(2-Ethylhexyl)phthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR
4-Bromophenylphenylether	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR
Butylbenzylphthalate	ND	0.70	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR
Carbazole	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR
4-Chloroaniline	ND	0.70	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR
4-Chloro-3-methylphenol	ND	0.70	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR
2-Chloronaphthalene	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR
2-Chlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR
4-Chlorophenylphenylether	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR
Chrysene	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR
Dibenz(a,h)anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR
Dibenzofuran	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR
Di-n-butylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR
1,2-Dichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR
1,3-Dichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR
1,4-Dichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR
3,3-Dichlorobenzidine	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR
2,4-Dichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR
Diethylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR
2,4-Dimethylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR
Dimethylphthalate	ND	0.70	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR
4,6-Dinitro-2-methylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR
2,4-Dinitrophenol	ND	0.70	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR
2,4-Dinitrotoluene	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR
2,6-Dinitrotoluene	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR
Di-n-octylphthalate	ND	0.70	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR
Fluoranthene	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR
Fluorene	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0612

Date Received: 11/16/2012

Field Sample #: TRC-SB4 (17-19ft)

Sampled: 11/16/2012 11:20

Sample ID: 12K0612-06

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR
Hexachlorobutadiene	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR
Hexachlorocyclopentadiene	ND	0.70	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR
Hexachloroethane	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR
Indeno(1,2,3-cd)pyrene	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR
Isophorone	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR
1-Methylnaphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR
2-Methylnaphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR
2-Methylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR
3/4-Methylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR
Naphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR
2-Nitroaniline	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR
3-Nitroaniline	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR
4-Nitroaniline	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR
Nitrobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR
2-Nitrophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR
4-Nitrophenol	ND	0.70	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR
N-Nitrosodimethylamine	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR
N-Nitrosodiphenylamine	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR
N-Nitrosodi-n-propylamine	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR
Pentachloronitrobenzene	ND	0.36	mg/Kg dry	1	V-16	SW-846 8270D	11/20/12	11/21/12 17:23	CMR
Pentachlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR
Phenanthrene	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR
Phenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR
Pyrene	ND	0.18	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR
Pyridine	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR
1,2,4,5-Tetrachlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR
1,2,4-Trichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR
2,4,5-Trichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR
2,4,6-Trichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:23	CMR
Surrogates	% Recovery	Recovery Limits	Flag						
2-Fluorophenol	45.7	30-130							
Phenol-d6	40.8	30-130							
Nitrobenzene-d5	36.4	30-130							
2-Fluorobiphenyl	36.9	30-130							
2,4,6-Tribromophenol	35.3	30-130							
Terphenyl-d14	34.3	30-130							

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Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0612

Date Received: 11/16/2012

Field Sample #: TRC-SB4 (17-19ft)

Sampled: 11/16/2012 11:20

Sample ID: 12K0612-06

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.020	mg/Kg dry	1		SW-846 8082A	11/19/12	11/20/12 17:39	MJC
Aroclor-1221 [1]	ND	0.020	mg/Kg dry	1		SW-846 8082A	11/19/12	11/20/12 17:39	MJC
Aroclor-1232 [1]	ND	0.020	mg/Kg dry	1		SW-846 8082A	11/19/12	11/20/12 17:39	MJC
Aroclor-1242 [1]	ND	0.020	mg/Kg dry	1		SW-846 8082A	11/19/12	11/20/12 17:39	MJC
Aroclor-1248 [1]	ND	0.020	mg/Kg dry	1		SW-846 8082A	11/19/12	11/20/12 17:39	MJC
Aroclor-1254 [1]	ND	0.020	mg/Kg dry	1		SW-846 8082A	11/19/12	11/20/12 17:39	MJC
Aroclor-1260 [1]	ND	0.020	mg/Kg dry	1		SW-846 8082A	11/19/12	11/20/12 17:39	MJC
Aroclor-1262 [1]	ND	0.020	mg/Kg dry	1		SW-846 8082A	11/19/12	11/20/12 17:39	MJC
Aroclor-1268 [1]	ND	0.020	mg/Kg dry	1		SW-846 8082A	11/19/12	11/20/12 17:39	MJC
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	77.0	30-150							
Decachlorobiphenyl [2]	81.3	30-150							
Tetrachloro-m-xylene [1]	47.2	30-150							
Tetrachloro-m-xylene [2]	70.0	30-150							

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0612

Date Received: 11/16/2012

Field Sample #: TRC-SB4 (17-19ft)

Sampled: 11/16/2012 11:20

Sample ID: 12K0612-06

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	5300	2.5	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:37	OP
Antimony	ND	2.5	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:37	OP
Arsenic	ND	2.5	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:37	OP
Barium	36	2.5	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:37	OP
Beryllium	ND	0.25	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 17:42	OP
Cadmium	ND	0.25	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:37	OP
Calcium	900	7.4	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 17:42	OP
Chromium	10	0.50	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:37	OP
Cobalt	5.1	2.5	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:37	OP
Copper	8.7	0.50	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:37	OP
Iron	11000	2.5	mg/Kg dry	1	B-07, B	SW-846 6010C	11/17/12	11/20/12 17:42	OP
Lead	3.9	0.74	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:37	OP
Magnesium	2200	7.4	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 17:42	OP
Manganese	340	0.50	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 17:42	OP
Mercury	ND	0.026	mg/Kg dry	1		SW-846 7471B	11/17/12	11/19/12 14:42	SAJ
Nickel	10	0.50	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:37	OP
Potassium	850	99	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 17:42	OP
Selenium	ND	2.5	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:37	OP
Silver	ND	0.50	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:37	OP
Sodium	ND	99	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 17:42	OP
Thallium	ND	2.5	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 16:25	OP
Vanadium	14	0.99	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:37	OP
Zinc	24	0.99	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:37	OP

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0612

Date Received: 11/16/2012

Field Sample #: TRC-SB4 (17-19ft)

Sampled: 11/16/2012 11:20

Sample ID: 12K0612-06

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	94.2		% Wt	1		SM 2540G	11/17/12	11/19/12 9:15	WAL

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0612

Date Received: 11/16/2012

Field Sample #: TRC-DUP-2

Sampled: 11/16/2012 11:15

Sample ID: 12K0612-07

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.12	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:09	MFF
Acrylonitrile	ND	0.0074	mg/Kg dry	1	V-05, V-16	SW-846 8260C	11/19/12	11/19/12 10:09	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:09	MFF
Benzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:09	MFF
Bromobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:09	MFF
Bromochloromethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:09	MFF
Bromodichloromethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:09	MFF
Bromoform	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:09	MFF
Bromomethane	ND	0.012	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:09	MFF
2-Butanone (MEK)	ND	0.049	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:09	MFF
tert-Butyl Alcohol (TBA)	ND	0.049	mg/Kg dry	1	V-16	SW-846 8260C	11/19/12	11/19/12 10:09	MFF
n-Butylbenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:09	MFF
sec-Butylbenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:09	MFF
tert-Butylbenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:09	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:09	MFF
Carbon Disulfide	ND	0.0074	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:09	MFF
Carbon Tetrachloride	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:09	MFF
Chlorobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:09	MFF
Chlorodibromomethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:09	MFF
Chloroethane	ND	0.025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:09	MFF
Chloroform	ND	0.0049	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:09	MFF
Chloromethane	ND	0.012	mg/Kg dry	1	L-04, V-05	SW-846 8260C	11/19/12	11/19/12 10:09	MFF
2-Chlorotoluene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:09	MFF
4-Chlorotoluene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:09	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0025	mg/Kg dry	1	V-16	SW-846 8260C	11/19/12	11/19/12 10:09	MFF
1,2-Dibromoethane (EDB)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:09	MFF
Dibromomethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:09	MFF
1,2-Dichlorobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:09	MFF
1,3-Dichlorobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:09	MFF
1,4-Dichlorobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:09	MFF
trans-1,4-Dichloro-2-butene	ND	0.0049	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:09	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.025	mg/Kg dry	1	L-04	SW-846 8260C	11/19/12	11/19/12 10:09	MFF
1,1-Dichloroethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:09	MFF
1,2-Dichloroethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:09	MFF
1,1-Dichloroethylene	ND	0.0049	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:09	MFF
cis-1,2-Dichloroethylene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:09	MFF
trans-1,2-Dichloroethylene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:09	MFF
1,2-Dichloropropane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:09	MFF
1,3-Dichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:09	MFF
2,2-Dichloropropane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:09	MFF
1,1-Dichloropropene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:09	MFF
cis-1,3-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:09	MFF
trans-1,3-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:09	MFF
Diethyl Ether	ND	0.025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:09	MFF

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0612

Date Received: 11/16/2012

Field Sample #: TRC-DUP-2

Sampled: 11/16/2012 11:15

Sample ID: 12K0612-07

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:09	MFF
1,4-Dioxane	ND	0.12	mg/Kg dry	1	V-16	SW-846 8260C	11/19/12	11/19/12 10:09	MFF
Ethylbenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:09	MFF
Hexachlorobutadiene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:09	MFF
2-Hexanone (MBK)	ND	0.025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:09	MFF
Isopropylbenzene (Cumene)	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:09	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:09	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0049	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:09	MFF
Methylene Chloride	ND	0.025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:09	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:09	MFF
Naphthalene	ND	0.0049	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:09	MFF
n-Propylbenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:09	MFF
Styrene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:09	MFF
1,1,1,2-Tetrachloroethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:09	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:09	MFF
Tetrachloroethylene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:09	MFF
Tetrahydrofuran	ND	0.012	mg/Kg dry	1	V-16	SW-846 8260C	11/19/12	11/19/12 10:09	MFF
Toluene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:09	MFF
1,2,3-Trichlorobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:09	MFF
1,2,4-Trichlorobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:09	MFF
1,3,5-Trichlorobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:09	MFF
1,1,1-Trichloroethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:09	MFF
1,1,2-Trichloroethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:09	MFF
Trichloroethylene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:09	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:09	MFF
1,2,3-Trichloropropane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:09	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.012	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:09	MFF
1,2,4-Trimethylbenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:09	MFF
1,3,5-Trimethylbenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:09	MFF
Vinyl Chloride	ND	0.012	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:09	MFF
m+p Xylene	ND	0.0049	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:09	MFF
o-Xylene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:09	MFF

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	111	70-130	
Toluene-d8	103	70-130	
4-Bromofluorobenzene	99.3	70-130	

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0612

Date Received: 11/16/2012

Field Sample #: TRC-DUP-2

Sampled: 11/16/2012 11:15

Sample ID: 12K0612-07

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR
Acenaphthylene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR
Acetophenone	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR
Aniline	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR
Anthracene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR
Benzidine	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR
Benzo(a)anthracene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR
Benzo(a)pyrene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR
Benzo(b)fluoranthene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR
Benzo(g,h,i)perylene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR
Benzo(k)fluoranthene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR
Benzoic Acid	ND	1.1	mg/Kg dry	1	L-04	SW-846 8270D	11/20/12	11/21/12 17:54	CMR
Bis(2-chloroethoxy)methane	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR
Bis(2-chloroethyl)ether	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR
Bis(2-chloroisopropyl)ether	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR
Bis(2-Ethylhexyl)phthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR
4-Bromophenylphenylether	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR
Butylbenzylphthalate	ND	0.76	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR
Carbazole	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR
4-Chloroaniline	ND	0.76	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR
4-Chloro-3-methylphenol	ND	0.76	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR
2-Chloronaphthalene	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR
2-Chlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR
4-Chlorophenylphenylether	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR
Chrysene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR
Dibenz(a,h)anthracene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR
Dibenzofuran	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR
Di-n-butylphthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR
1,2-Dichlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR
1,3-Dichlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR
1,4-Dichlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR
3,3-Dichlorobenzidine	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR
2,4-Dichlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR
Diethylphthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR
2,4-Dimethylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR
Dimethylphthalate	ND	0.76	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR
4,6-Dinitro-2-methylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR
2,4-Dinitrophenol	ND	0.76	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR
2,4-Dinitrotoluene	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR
2,6-Dinitrotoluene	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR
Di-n-octylphthalate	ND	0.76	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR
Fluoranthene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR
Fluorene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0612

Date Received: 11/16/2012

Field Sample #: TRC-DUP-2

Sampled: 11/16/2012 11:15

Sample ID: 12K0612-07

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR
Hexachlorobutadiene	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR
Hexachlorocyclopentadiene	ND	0.76	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR
Hexachloroethane	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR
Indeno(1,2,3-cd)pyrene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR
Isophorone	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR
1-Methylnaphthalene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR
2-Methylnaphthalene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR
2-Methylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR
3/4-Methylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR
Naphthalene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR
2-Nitroaniline	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR
3-Nitroaniline	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR
4-Nitroaniline	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR
Nitrobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR
2-Nitrophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR
4-Nitrophenol	ND	0.76	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR
N-Nitrosodimethylamine	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR
N-Nitrosodiphenylamine	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR
N-Nitrosodi-n-propylamine	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR
Pentachloronitrobenzene	ND	0.39	mg/Kg dry	1	V-16	SW-846 8270D	11/20/12	11/21/12 17:54	CMR
Pentachlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR
Phenanthrene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR
Phenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR
Pyrene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR
Pyridine	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR
1,2,4,5-Tetrachlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR
1,2,4-Trichlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR
2,4,5-Trichlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR
2,4,6-Trichlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 17:54	CMR
Surrogates	% Recovery	Recovery Limits	Flag						
2-Fluorophenol	49.1	30-130							
Phenol-d6	43.3	30-130							
Nitrobenzene-d5	39.5	30-130							
2-Fluorobiphenyl	38.7	30-130							
2,4,6-Tribromophenol	38.7	30-130							
Terphenyl-d14	36.8	30-130							

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0612

Date Received: 11/16/2012

Field Sample #: TRC-DUP-2

Sampled: 11/16/2012 11:15

Sample ID: 12K0612-07

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	11/19/12	11/20/12 17:52	MJC
Aroclor-1221 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	11/19/12	11/20/12 17:52	MJC
Aroclor-1232 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	11/19/12	11/20/12 17:52	MJC
Aroclor-1242 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	11/19/12	11/20/12 17:52	MJC
Aroclor-1248 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	11/19/12	11/20/12 17:52	MJC
Aroclor-1254 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	11/19/12	11/20/12 17:52	MJC
Aroclor-1260 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	11/19/12	11/20/12 17:52	MJC
Aroclor-1262 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	11/19/12	11/20/12 17:52	MJC
Aroclor-1268 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	11/19/12	11/20/12 17:52	MJC
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	87.4	30-150							
Decachlorobiphenyl [2]	93.2	30-150							
Tetrachloro-m-xylene [1]	55.4	30-150							
Tetrachloro-m-xylene [2]	82.1	30-150							

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0612

Date Received: 11/16/2012

Field Sample #: TRC-DUP-2

Sampled: 11/16/2012 11:15

Sample ID: 12K0612-07

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	11000	2.8	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:42	OP
Antimony	ND	2.8	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:42	OP
Arsenic	ND	2.8	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:42	OP
Barium	32	2.8	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:42	OP
Beryllium	ND	0.28	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 17:48	OP
Cadmium	0.30	0.28	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:42	OP
Calcium	1500	8.4	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 17:48	OP
Chromium	14	0.56	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:42	OP
Cobalt	7.2	2.8	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:42	OP
Copper	10	0.56	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:42	OP
Iron	18000	2.8	mg/Kg dry	1	B-07, B	SW-846 6010C	11/17/12	11/20/12 17:48	OP
Lead	15	0.84	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:42	OP
Magnesium	2200	8.4	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 17:48	OP
Manganese	300	0.56	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 17:48	OP
Mercury	0.033	0.029	mg/Kg dry	1		SW-846 7471B	11/17/12	11/19/12 14:44	SAJ
Nickel	10	0.56	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:42	OP
Potassium	770	110	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 17:48	OP
Selenium	ND	2.8	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:42	OP
Silver	ND	0.56	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:42	OP
Sodium	ND	110	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 17:48	OP
Thallium	ND	2.8	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 16:31	OP
Vanadium	23	1.1	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:42	OP
Zinc	42	1.1	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:42	OP

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0612

Date Received: 11/16/2012

Field Sample #: TRC-DUP-2

Sampled: 11/16/2012 11:15

Sample ID: 12K0612-07

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.8		% Wt	1		SM 2540G	11/17/12	11/19/12 9:15	WAL

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0612

Date Received: 11/16/2012

Field Sample #: Trip Blank 2

Sampled: 11/16/2012 09:30

Sample ID: 12K0612-08

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	11/19/12	11/19/12 10:11	MFF
n-Butylbenzene	ND	2.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1	L-04	SW-846 8260C	11/19/12	11/19/12 10:11	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF
2,2-Dichloropropane	ND	2.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0612

Date Received: 11/16/2012

Field Sample #: Trip Blank 2

Sampled: 11/16/2012 09:30

Sample ID: 12K0612-08

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	11/19/12	11/19/12 10:11	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 10:11	MFF

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	103	70-130	
Toluene-d8	98.0	70-130	
4-Bromofluorobenzene	97.9	70-130	

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0612

Date Received: 11/16/2012

Field Sample #: TRC-GW-4

Sampled: 11/16/2012 11:40

Sample ID: 12K0612-09

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	11/19/12	11/19/12 14:50	MFF
n-Butylbenzene	ND	2.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1	L-04	SW-846 8260C	11/19/12	11/19/12 14:50	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
2,2-Dichloropropane	ND	2.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0612

Date Received: 11/16/2012

Field Sample #: TRC-GW-4

Sampled: 11/16/2012 11:40

Sample ID: 12K0612-09

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	11/19/12	11/19/12 14:50	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	11/19/12	11/19/12 14:50	MFF
Surrogates	% Recovery	Recovery Limits	Flag						
1,2-Dichloroethane-d4	108	70-130							
Toluene-d8	97.4	70-130							
4-Bromofluorobenzene	98.9	70-130							

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0612

Date Received: 11/16/2012

Field Sample #: TRC-GW-4

Sampled: 11/16/2012 11:40

Sample ID: 12K0612-09

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.9	µg/L	1		SW-846 8270D	11/19/12	11/20/12 18:16	CMR
Acenaphthylene	ND	5.9	µg/L	1		SW-846 8270D	11/19/12	11/20/12 18:16	CMR
Acetophenone	ND	12	µg/L	1		SW-846 8270D	11/19/12	11/20/12 18:16	CMR
Aniline	ND	5.9	µg/L	1		SW-846 8270D	11/19/12	11/20/12 18:16	CMR
Anthracene	ND	5.9	µg/L	1		SW-846 8270D	11/19/12	11/20/12 18:16	CMR
Benzidine	ND	12	µg/L	1	R-05	SW-846 8270D	11/19/12	11/20/12 18:16	CMR
Benzo(a)anthracene	ND	5.9	µg/L	1		SW-846 8270D	11/19/12	11/20/12 18:16	CMR
Benzo(a)pyrene	ND	5.9	µg/L	1		SW-846 8270D	11/19/12	11/20/12 18:16	CMR
Benzo(b)fluoranthene	ND	5.9	µg/L	1		SW-846 8270D	11/19/12	11/20/12 18:16	CMR
Benzo(g,h,i)perylene	ND	5.9	µg/L	1		SW-846 8270D	11/19/12	11/20/12 18:16	CMR
Benzo(k)fluoranthene	ND	5.9	µg/L	1	R-05	SW-846 8270D	11/19/12	11/20/12 18:16	CMR
Benzoic Acid	ND	12	µg/L	1	V-20	SW-846 8270D	11/19/12	11/20/12 18:16	CMR
Bis(2-chloroethoxy)methane	ND	12	µg/L	1		SW-846 8270D	11/19/12	11/20/12 18:16	CMR
Bis(2-chloroethyl)ether	ND	12	µg/L	1		SW-846 8270D	11/19/12	11/20/12 18:16	CMR
Bis(2-chloroisopropyl)ether	ND	12	µg/L	1		SW-846 8270D	11/19/12	11/20/12 18:16	CMR
Bis(2-Ethylhexyl)phthalate	ND	12	µg/L	1		SW-846 8270D	11/19/12	11/20/12 18:16	CMR
4-Bromophenylphenylether	ND	12	µg/L	1		SW-846 8270D	11/19/12	11/20/12 18:16	CMR
Butylbenzylphthalate	ND	12	µg/L	1		SW-846 8270D	11/19/12	11/20/12 18:16	CMR
Carbazole	ND	12	µg/L	1		SW-846 8270D	11/19/12	11/20/12 18:16	CMR
4-Chloroaniline	ND	12	µg/L	1		SW-846 8270D	11/19/12	11/20/12 18:16	CMR
4-Chloro-3-methylphenol	ND	12	µg/L	1		SW-846 8270D	11/19/12	11/20/12 18:16	CMR
2-Chloronaphthalene	ND	12	µg/L	1		SW-846 8270D	11/19/12	11/20/12 18:16	CMR
2-Chlorophenol	ND	12	µg/L	1		SW-846 8270D	11/19/12	11/20/12 18:16	CMR
4-Chlorophenylphenylether	ND	12	µg/L	1		SW-846 8270D	11/19/12	11/20/12 18:16	CMR
Chrysene	ND	5.9	µg/L	1		SW-846 8270D	11/19/12	11/20/12 18:16	CMR
Dibenz(a,h)anthracene	ND	5.9	µg/L	1	V-20	SW-846 8270D	11/19/12	11/20/12 18:16	CMR
Dibenzofuran	ND	5.9	µg/L	1		SW-846 8270D	11/19/12	11/20/12 18:16	CMR
Di-n-butylphthalate	ND	12	µg/L	1		SW-846 8270D	11/19/12	11/20/12 18:16	CMR
1,2-Dichlorobenzene	ND	5.9	µg/L	1		SW-846 8270D	11/19/12	11/20/12 18:16	CMR
1,3-Dichlorobenzene	ND	5.9	µg/L	1		SW-846 8270D	11/19/12	11/20/12 18:16	CMR
1,4-Dichlorobenzene	ND	5.9	µg/L	1		SW-846 8270D	11/19/12	11/20/12 18:16	CMR
3,3-Dichlorobenzidine	ND	12	µg/L	1		SW-846 8270D	11/19/12	11/20/12 18:16	CMR
2,4-Dichlorophenol	ND	12	µg/L	1		SW-846 8270D	11/19/12	11/20/12 18:16	CMR
Diethylphthalate	ND	12	µg/L	1		SW-846 8270D	11/19/12	11/20/12 18:16	CMR
2,4-Dimethylphenol	ND	12	µg/L	1	R-05	SW-846 8270D	11/19/12	11/20/12 18:16	CMR
Dimethylphthalate	ND	12	µg/L	1		SW-846 8270D	11/19/12	11/20/12 18:16	CMR
4,6-Dinitro-2-methylphenol	ND	12	µg/L	1	V-04	SW-846 8270D	11/19/12	11/20/12 18:16	CMR
2,4-Dinitrophenol	ND	12	µg/L	1	V-04	SW-846 8270D	11/19/12	11/20/12 18:16	CMR
2,4-Dinitrotoluene	ND	12	µg/L	1		SW-846 8270D	11/19/12	11/20/12 18:16	CMR
2,6-Dinitrotoluene	ND	12	µg/L	1		SW-846 8270D	11/19/12	11/20/12 18:16	CMR
Di-n-octylphthalate	ND	12	µg/L	1		SW-846 8270D	11/19/12	11/20/12 18:16	CMR
1,2-Diphenylhydrazine (as Azobenzene)	ND	12	µg/L	1		SW-846 8270D	11/19/12	11/20/12 18:16	CMR
Fluoranthene	ND	5.9	µg/L	1		SW-846 8270D	11/19/12	11/20/12 18:16	CMR
Fluorene	ND	5.9	µg/L	1		SW-846 8270D	11/19/12	11/20/12 18:16	CMR

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0612

Date Received: 11/16/2012

Field Sample #: TRC-GW-4

Sampled: 11/16/2012 11:40

Sample ID: 12K0612-09

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	12	µg/L	1		SW-846 8270D	11/19/12	11/20/12 18:16	CMR
Hexachlorobutadiene	ND	12	µg/L	1		SW-846 8270D	11/19/12	11/20/12 18:16	CMR
Hexachlorocyclopentadiene	ND	12	µg/L	1		SW-846 8270D	11/19/12	11/20/12 18:16	CMR
Hexachloroethane	ND	12	µg/L	1		SW-846 8270D	11/19/12	11/20/12 18:16	CMR
Indeno(1,2,3-cd)pyrene	ND	5.9	µg/L	1	V-20	SW-846 8270D	11/19/12	11/20/12 18:16	CMR
Isophorone	ND	12	µg/L	1		SW-846 8270D	11/19/12	11/20/12 18:16	CMR
1-Methylnaphthalene	ND	5.9	µg/L	1		SW-846 8270D	11/19/12	11/20/12 18:16	CMR
2-Methylnaphthalene	ND	5.9	µg/L	1		SW-846 8270D	11/19/12	11/20/12 18:16	CMR
2-Methylphenol	ND	12	µg/L	1		SW-846 8270D	11/19/12	11/20/12 18:16	CMR
3/4-Methylphenol	ND	12	µg/L	1		SW-846 8270D	11/19/12	11/20/12 18:16	CMR
Naphthalene	ND	5.9	µg/L	1		SW-846 8270D	11/19/12	11/20/12 18:16	CMR
2-Nitroaniline	ND	12	µg/L	1		SW-846 8270D	11/19/12	11/20/12 18:16	CMR
3-Nitroaniline	ND	12	µg/L	1		SW-846 8270D	11/19/12	11/20/12 18:16	CMR
4-Nitroaniline	ND	12	µg/L	1		SW-846 8270D	11/19/12	11/20/12 18:16	CMR
Nitrobenzene	ND	12	µg/L	1		SW-846 8270D	11/19/12	11/20/12 18:16	CMR
2-Nitrophenol	ND	12	µg/L	1		SW-846 8270D	11/19/12	11/20/12 18:16	CMR
4-Nitrophenol	ND	12	µg/L	1		SW-846 8270D	11/19/12	11/20/12 18:16	CMR
N-Nitrosodimethylamine	ND	5.9	µg/L	1		SW-846 8270D	11/19/12	11/20/12 18:16	CMR
N-Nitrosodiphenylamine	ND	12	µg/L	1		SW-846 8270D	11/19/12	11/20/12 18:16	CMR
N-Nitrosodi-n-propylamine	ND	12	µg/L	1		SW-846 8270D	11/19/12	11/20/12 18:16	CMR
Pentachloronitrobenzene	ND	12	µg/L	1	V-16	SW-846 8270D	11/19/12	11/20/12 18:16	CMR
Pentachlorophenol	ND	12	µg/L	1		SW-846 8270D	11/19/12	11/20/12 18:16	CMR
Phenanthrene	ND	5.9	µg/L	1		SW-846 8270D	11/19/12	11/20/12 18:16	CMR
Phenol	ND	12	µg/L	1		SW-846 8270D	11/19/12	11/20/12 18:16	CMR
Pyrene	ND	5.9	µg/L	1		SW-846 8270D	11/19/12	11/20/12 18:16	CMR
Pyridine	ND	5.9	µg/L	1		SW-846 8270D	11/19/12	11/20/12 18:16	CMR
1,2,4,5-Tetrachlorobenzene	ND	12	µg/L	1		SW-846 8270D	11/19/12	11/20/12 18:16	CMR
1,2,4-Trichlorobenzene	ND	5.9	µg/L	1		SW-846 8270D	11/19/12	11/20/12 18:16	CMR
2,4,5-Trichlorophenol	ND	12	µg/L	1		SW-846 8270D	11/19/12	11/20/12 18:16	CMR
2,4,6-Trichlorophenol	ND	12	µg/L	1		SW-846 8270D	11/19/12	11/20/12 18:16	CMR
Surrogates	% Recovery	Recovery Limits	Flag						
2-Fluorophenol	55.3	15-110							
Phenol-d6	35.9	15-110							
Nitrobenzene-d5	75.6	30-130							
2-Fluorobiphenyl	73.0	30-130							
2,4,6-Tribromophenol	85.8	15-110							
Terphenyl-d14	63.2	30-130							

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0612

Date Received: 11/16/2012

Field Sample #: TRC-GW-4

Sampled: 11/16/2012 11:40

Sample ID: 12K0612-09

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	110	0.050	mg/L	1		SW-846 6010C	11/19/12	11/20/12 14:44	OP
Antimony	ND	5.0	µg/L	5		SW-846 6020A	11/19/12	11/20/12 12:22	AMP
Arsenic	32	2.0	µg/L	5		SW-846 6020A	11/19/12	11/20/12 12:22	AMP
Barium	1200	50	µg/L	5		SW-846 6020A	11/19/12	11/20/12 12:22	AMP
Beryllium	10	2.0	µg/L	5		SW-846 6020A	11/19/12	11/26/12 12:29	KSH
Cadmium	3.0	2.5	µg/L	5		SW-846 6020A	11/19/12	11/20/12 12:22	AMP
Calcium	83	0.15	mg/L	1		SW-846 6010C	11/19/12	11/20/12 14:44	OP
Chromium	390	5.0	µg/L	5		SW-846 6020A	11/19/12	11/20/12 12:22	AMP
Cobalt	130	5.0	µg/L	5		SW-846 6020A	11/19/12	11/20/12 12:22	AMP
Copper	340	25	µg/L	5		SW-846 6020A	11/19/12	11/20/12 12:22	AMP
Iron	190	0.050	mg/L	1		SW-846 6010C	11/19/12	11/20/12 14:44	OP
Lead	190	5.0	µg/L	5		SW-846 6020A	11/19/12	11/20/12 12:22	AMP
Magnesium	79	0.15	mg/L	1		SW-846 6010C	11/19/12	11/20/12 14:44	OP
Manganese	12000	100	µg/L	100		SW-846 6020A	11/19/12	11/20/12 13:00	AMP
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	11/19/12	11/19/12 13:30	SAJ
Nickel	350	25	µg/L	5		SW-846 6020A	11/19/12	11/20/12 12:22	AMP
Potassium	24	2.0	mg/L	1		SW-846 6010C	11/19/12	11/20/12 14:44	OP
Selenium	ND	25	µg/L	5		SW-846 6020A	11/19/12	11/20/12 12:22	AMP
Silver	ND	2.5	µg/L	5		SW-846 6020A	11/19/12	11/20/12 12:22	AMP
Sodium	61	2.0	mg/L	1		SW-846 6010C	11/19/12	11/20/12 14:44	OP
Thallium	1.8	1.0	µg/L	5		SW-846 6020A	11/19/12	11/20/12 12:22	AMP
Vanadium	300	25	µg/L	5		SW-846 6020A	11/19/12	11/20/12 12:22	AMP
Zinc	940	50	µg/L	5		SW-846 6020A	11/19/12	11/20/12 12:22	AMP

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0612

Date Received: 11/16/2012

Field Sample #: TRC-GW-4

Sampled: 11/16/2012 11:40

Sample ID: 12K0612-09

Sample Matrix: Ground Water

Metals Analyses (Dissolved)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	ND	0.050	mg/L	1		SW-846 6010C	11/17/12	11/19/12 18:54	OP
Antimony	ND	5.0	µg/L	5		SW-846 6020A	11/17/12	11/19/12 18:06	AMP
Arsenic	ND	2.0	µg/L	5		SW-846 6020A	11/17/12	11/19/12 18:06	AMP
Barium	53	50	µg/L	5		SW-846 6020A	11/17/12	11/19/12 18:06	AMP
Beryllium	ND	2.0	µg/L	5		SW-846 6020A	11/17/12	11/19/12 18:06	AMP
Cadmium	ND	2.5	µg/L	5		SW-846 6020A	11/17/12	11/19/12 18:06	AMP
Calcium	47	0.15	mg/L	1		SW-846 6010C	11/17/12	11/19/12 18:54	OP
Chromium	ND	5.0	µg/L	5		SW-846 6020A	11/17/12	11/19/12 18:06	AMP
Cobalt	ND	5.0	µg/L	5		SW-846 6020A	11/17/12	11/19/12 18:06	AMP
Copper	ND	25	µg/L	5		SW-846 6020A	11/17/12	11/19/12 18:06	AMP
Iron	ND	0.050	mg/L	1		SW-846 6010C	11/17/12	11/20/12 19:20	OP
Lead	ND	5.0	µg/L	5		SW-846 6020A	11/17/12	11/19/12 18:06	AMP
Magnesium	18	0.15	mg/L	1		SW-846 6010C	11/17/12	11/19/12 18:54	OP
Manganese	840	5.0	µg/L	5		SW-846 6020A	11/17/12	11/19/12 18:06	AMP
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	11/17/12	11/19/12 12:50	SAJ
Nickel	ND	25	µg/L	5		SW-846 6020A	11/17/12	11/19/12 18:06	AMP
Potassium	3.6	2.0	mg/L	1		SW-846 6010C	11/17/12	11/19/12 18:54	OP
Selenium	ND	25	µg/L	5		SW-846 6020A	11/17/12	11/19/12 18:06	AMP
Silver	ND	2.5	µg/L	5		SW-846 6020A	11/17/12	11/19/12 18:06	AMP
Sodium	49	2.0	mg/L	1		SW-846 6010C	11/17/12	11/19/12 18:54	OP
Thallium	ND	1.0	µg/L	5		SW-846 6020A	11/17/12	11/19/12 18:06	AMP
Vanadium	ND	25	µg/L	5		SW-846 6020A	11/17/12	11/19/12 18:06	AMP
Zinc	ND	50	µg/L	5		SW-846 6020A	11/17/12	11/19/12 18:06	AMP

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0612

Date Received: 11/16/2012

Field Sample #: TRC-SB10 (1-4ft)

Sampled: 11/16/2012 13:30

Sample ID: 12K0612-10

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.12	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:37	MFF
Acrylonitrile	ND	0.0073	mg/Kg dry	1	V-05, V-16	SW-846 8260C	11/19/12	11/19/12 10:37	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:37	MFF
Benzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:37	MFF
Bromobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:37	MFF
Bromochloromethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:37	MFF
Bromodichloromethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:37	MFF
Bromoform	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:37	MFF
Bromomethane	ND	0.012	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:37	MFF
2-Butanone (MEK)	ND	0.049	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:37	MFF
tert-Butyl Alcohol (TBA)	ND	0.049	mg/Kg dry	1	V-16	SW-846 8260C	11/19/12	11/19/12 10:37	MFF
n-Butylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:37	MFF
sec-Butylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:37	MFF
tert-Butylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:37	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:37	MFF
Carbon Disulfide	ND	0.0073	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:37	MFF
Carbon Tetrachloride	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:37	MFF
Chlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:37	MFF
Chlorodibromomethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:37	MFF
Chloroethane	ND	0.024	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:37	MFF
Chloroform	ND	0.0049	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:37	MFF
Chloromethane	ND	0.012	mg/Kg dry	1	L-04, V-05	SW-846 8260C	11/19/12	11/19/12 10:37	MFF
2-Chlorotoluene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:37	MFF
4-Chlorotoluene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:37	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0024	mg/Kg dry	1	V-16	SW-846 8260C	11/19/12	11/19/12 10:37	MFF
1,2-Dibromoethane (EDB)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:37	MFF
Dibromomethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:37	MFF
1,2-Dichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:37	MFF
1,3-Dichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:37	MFF
1,4-Dichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:37	MFF
trans-1,4-Dichloro-2-butene	ND	0.0049	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:37	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.024	mg/Kg dry	1	L-04	SW-846 8260C	11/19/12	11/19/12 10:37	MFF
1,1-Dichloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:37	MFF
1,2-Dichloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:37	MFF
1,1-Dichloroethylene	ND	0.0049	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:37	MFF
cis-1,2-Dichloroethylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:37	MFF
trans-1,2-Dichloroethylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:37	MFF
1,2-Dichloropropane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:37	MFF
1,3-Dichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:37	MFF
2,2-Dichloropropane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:37	MFF
1,1-Dichloropropene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:37	MFF
cis-1,3-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:37	MFF
trans-1,3-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:37	MFF
Diethyl Ether	ND	0.024	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:37	MFF

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0612

Date Received: 11/16/2012

Field Sample #: TRC-SB10 (1-4ft)

Sampled: 11/16/2012 13:30

Sample ID: 12K0612-10

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:37	MFF
1,4-Dioxane	ND	0.12	mg/Kg dry	1	V-16	SW-846 8260C	11/19/12	11/19/12 10:37	MFF
Ethylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:37	MFF
Hexachlorobutadiene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:37	MFF
2-Hexanone (MBK)	ND	0.024	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:37	MFF
Isopropylbenzene (Cumene)	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:37	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:37	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0049	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:37	MFF
Methylene Chloride	ND	0.024	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:37	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.024	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:37	MFF
Naphthalene	ND	0.0049	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:37	MFF
n-Propylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:37	MFF
Styrene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:37	MFF
1,1,1,2-Tetrachloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:37	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:37	MFF
Tetrachloroethylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:37	MFF
Tetrahydrofuran	ND	0.012	mg/Kg dry	1	V-16	SW-846 8260C	11/19/12	11/19/12 10:37	MFF
Toluene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:37	MFF
1,2,3-Trichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:37	MFF
1,2,4-Trichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:37	MFF
1,3,5-Trichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:37	MFF
1,1,1-Trichloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:37	MFF
1,1,2-Trichloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:37	MFF
Trichloroethylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:37	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:37	MFF
1,2,3-Trichloropropane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:37	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.012	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:37	MFF
1,2,4-Trimethylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:37	MFF
1,3,5-Trimethylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:37	MFF
Vinyl Chloride	ND	0.012	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:37	MFF
m+p Xylene	ND	0.0049	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:37	MFF
o-Xylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 10:37	MFF

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	112	70-130	11/19/12 10:37
Toluene-d8	101	70-130	11/19/12 10:37
4-Bromofluorobenzene	99.1	70-130	11/19/12 10:37

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0612

Date Received: 11/16/2012

Field Sample #: TRC-SB10 (1-4ft)

Sampled: 11/16/2012 13:30

Sample ID: 12K0612-10

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR
Acenaphthylene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR
Acetophenone	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR
Aniline	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR
Anthracene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR
Benzidine	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR
Benzo(a)anthracene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR
Benzo(a)pyrene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR
Benzo(b)fluoranthene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR
Benzo(g,h,i)perylene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR
Benzo(k)fluoranthene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR
Benzoic Acid	ND	1.2	mg/Kg dry	1	L-04	SW-846 8270D	11/20/12	11/21/12 18:25	CMR
Bis(2-chloroethoxy)methane	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR
Bis(2-chloroethyl)ether	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR
Bis(2-chloroisopropyl)ether	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR
Bis(2-Ethylhexyl)phthalate	0.70	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR
4-Bromophenylphenylether	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR
Butylbenzylphthalate	ND	0.79	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR
Carbazole	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR
4-Chloroaniline	ND	0.79	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR
4-Chloro-3-methylphenol	ND	0.79	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR
2-Chloronaphthalene	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR
2-Chlorophenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR
4-Chlorophenylphenylether	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR
Chrysene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR
Dibenz(a,h)anthracene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR
Dibenzofuran	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR
Di-n-butylphthalate	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR
1,2-Dichlorobenzene	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR
1,3-Dichlorobenzene	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR
1,4-Dichlorobenzene	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR
3,3-Dichlorobenzidine	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR
2,4-Dichlorophenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR
Diethylphthalate	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR
2,4-Dimethylphenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR
Dimethylphthalate	ND	0.79	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR
4,6-Dinitro-2-methylphenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR
2,4-Dinitrophenol	ND	0.79	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR
2,4-Dinitrotoluene	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR
2,6-Dinitrotoluene	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR
Di-n-octylphthalate	ND	0.79	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR
Fluoranthene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR
Fluorene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0612

Date Received: 11/16/2012

Field Sample #: TRC-SB10 (1-4ft)

Sampled: 11/16/2012 13:30

Sample ID: 12K0612-10

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR
Hexachlorobutadiene	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR
Hexachlorocyclopentadiene	ND	0.79	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR
Hexachloroethane	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR
Indeno(1,2,3-cd)pyrene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR
Isophorone	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR
1-Methylnaphthalene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR
2-Methylnaphthalene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR
2-Methylphenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR
3/4-Methylphenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR
Naphthalene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR
2-Nitroaniline	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR
3-Nitroaniline	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR
4-Nitroaniline	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR
Nitrobenzene	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR
2-Nitrophenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR
4-Nitrophenol	ND	0.79	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR
N-Nitrosodimethylamine	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR
N-Nitrosodiphenylamine	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR
N-Nitrosodi-n-propylamine	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR
Pentachloronitrobenzene	ND	0.41	mg/Kg dry	1	V-16	SW-846 8270D	11/20/12	11/21/12 18:25	CMR
Pentachlorophenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR
Phenanthrene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR
Phenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR
Pyrene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR
Pyridine	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR
1,2,4,5-Tetrachlorobenzene	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR
1,2,4-Trichlorobenzene	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR
2,4,5-Trichlorophenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR
2,4,6-Trichlorophenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:25	CMR
Surrogates	% Recovery	Recovery Limits	Flag						
2-Fluorophenol	68.3	30-130							
Phenol-d6	61.0	30-130							
Nitrobenzene-d5	55.7	30-130							
2-Fluorobiphenyl	53.0	30-130							
2,4,6-Tribromophenol	56.3	30-130							
Terphenyl-d14	51.6	30-130							

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0612

Date Received: 11/16/2012

Field Sample #: TRC-SB10 (1-4ft)

Sampled: 11/16/2012 13:30

Sample ID: 12K0612-10

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/19/12	11/20/12 18:04	MJC
Aroclor-1221 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/19/12	11/20/12 18:04	MJC
Aroclor-1232 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/19/12	11/20/12 18:04	MJC
Aroclor-1242 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/19/12	11/20/12 18:04	MJC
Aroclor-1248 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/19/12	11/20/12 18:04	MJC
Aroclor-1254 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/19/12	11/20/12 18:04	MJC
Aroclor-1260 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/19/12	11/20/12 18:04	MJC
Aroclor-1262 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/19/12	11/20/12 18:04	MJC
Aroclor-1268 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/19/12	11/20/12 18:04	MJC
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	83.0	30-150							
Decachlorobiphenyl [2]	88.3	30-150							
Tetrachloro-m-xylene [1]	52.3	30-150							
Tetrachloro-m-xylene [2]	77.2	30-150							

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0612

Date Received: 11/16/2012

Field Sample #: TRC-SB10 (1-4ft)

Sampled: 11/16/2012 13:30

Sample ID: 12K0612-10

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	15000	2.8	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:48	OP
Antimony	ND	2.8	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:48	OP
Arsenic	ND	2.8	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:48	OP
Barium	35	2.8	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:48	OP
Beryllium	ND	0.28	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 17:53	OP
Cadmium	ND	0.28	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:48	OP
Calcium	1600	8.5	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 17:53	OP
Chromium	20	0.57	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:48	OP
Cobalt	6.4	2.8	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:48	OP
Copper	13	0.57	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:48	OP
Iron	24000	28	mg/Kg dry	10	B-07, B	SW-846 6010C	11/17/12	11/21/12 14:15	OP
Lead	25	0.85	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:48	OP
Magnesium	2400	8.5	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 17:53	OP
Manganese	230	0.57	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 17:53	OP
Mercury	0.10	0.029	mg/Kg dry	1		SW-846 7471B	11/17/12	11/19/12 14:45	SAJ
Nickel	10	0.57	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:48	OP
Potassium	850	110	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 17:53	OP
Selenium	ND	2.8	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:48	OP
Silver	ND	0.57	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:48	OP
Sodium	ND	110	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 17:53	OP
Thallium	ND	2.8	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 16:37	OP
Vanadium	32	1.1	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:48	OP
Zinc	35	1.1	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:48	OP

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Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0612

Date Received: 11/16/2012

Field Sample #: TRC-SB10 (1-4ft)

Sampled: 11/16/2012 13:30

Sample ID: 12K0612-10

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	83.7		% Wt	1		SM 2540G	11/17/12	11/19/12 9:15	WAL

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0612

Date Received: 11/16/2012

Field Sample #: TRC-SB10 (17-19ft)

Sampled: 11/16/2012 13:40

Sample ID: 12K0612-11

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.10	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 11:04	MFF
Acrylonitrile	ND	0.0060	mg/Kg dry	1	V-05, V-16	SW-846 8260C	11/19/12	11/19/12 11:04	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0010	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 11:04	MFF
Benzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 11:04	MFF
Bromobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 11:04	MFF
Bromochloromethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 11:04	MFF
Bromodichloromethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 11:04	MFF
Bromoform	ND	0.0020	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 11:04	MFF
Bromomethane	ND	0.010	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 11:04	MFF
2-Butanone (MEK)	ND	0.040	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 11:04	MFF
tert-Butyl Alcohol (TBA)	ND	0.040	mg/Kg dry	1	V-16	SW-846 8260C	11/19/12	11/19/12 11:04	MFF
n-Butylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 11:04	MFF
sec-Butylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 11:04	MFF
tert-Butylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 11:04	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0010	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 11:04	MFF
Carbon Disulfide	ND	0.0060	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 11:04	MFF
Carbon Tetrachloride	ND	0.0020	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 11:04	MFF
Chlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 11:04	MFF
Chlorodibromomethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 11:04	MFF
Chloroethane	ND	0.020	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 11:04	MFF
Chloroform	ND	0.0040	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 11:04	MFF
Chloromethane	ND	0.010	mg/Kg dry	1	L-04, V-05	SW-846 8260C	11/19/12	11/19/12 11:04	MFF
2-Chlorotoluene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 11:04	MFF
4-Chlorotoluene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 11:04	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg dry	1	V-16	SW-846 8260C	11/19/12	11/19/12 11:04	MFF
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 11:04	MFF
Dibromomethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 11:04	MFF
1,2-Dichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 11:04	MFF
1,3-Dichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 11:04	MFF
1,4-Dichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 11:04	MFF
trans-1,4-Dichloro-2-butene	ND	0.0040	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 11:04	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg dry	1	L-04	SW-846 8260C	11/19/12	11/19/12 11:04	MFF
1,1-Dichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 11:04	MFF
1,2-Dichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 11:04	MFF
1,1-Dichloroethylene	ND	0.0040	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 11:04	MFF
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 11:04	MFF
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 11:04	MFF
1,2-Dichloropropane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 11:04	MFF
1,3-Dichloropropane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 11:04	MFF
2,2-Dichloropropane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 11:04	MFF
1,1-Dichloropropene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 11:04	MFF
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 11:04	MFF
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 11:04	MFF
Diethyl Ether	ND	0.020	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 11:04	MFF

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0612

Date Received: 11/16/2012

Field Sample #: TRC-SB10 (17-19ft)

Sampled: 11/16/2012 13:40

Sample ID: 12K0612-11

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0010	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 11:04	MFF
1,4-Dioxane	ND	0.10	mg/Kg dry	1	V-16	SW-846 8260C	11/19/12	11/19/12 11:04	MFF
Ethylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 11:04	MFF
Hexachlorobutadiene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 11:04	MFF
2-Hexanone (MBK)	ND	0.020	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 11:04	MFF
Isopropylbenzene (Cumene)	ND	0.0020	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 11:04	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 11:04	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 11:04	MFF
Methylene Chloride	ND	0.020	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 11:04	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 11:04	MFF
Naphthalene	ND	0.0040	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 11:04	MFF
n-Propylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 11:04	MFF
Styrene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 11:04	MFF
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 11:04	MFF
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 11:04	MFF
Tetrachloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 11:04	MFF
Tetrahydrofuran	ND	0.010	mg/Kg dry	1	V-16	SW-846 8260C	11/19/12	11/19/12 11:04	MFF
Toluene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 11:04	MFF
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 11:04	MFF
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 11:04	MFF
1,3,5-Trichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 11:04	MFF
1,1,1-Trichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 11:04	MFF
1,1,2-Trichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 11:04	MFF
Trichloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 11:04	MFF
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 11:04	MFF
1,2,3-Trichloropropane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 11:04	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 11:04	MFF
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 11:04	MFF
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 11:04	MFF
Vinyl Chloride	ND	0.010	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 11:04	MFF
m+p Xylene	ND	0.0040	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 11:04	MFF
o-Xylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	11/19/12	11/19/12 11:04	MFF

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	112	70-130	
Toluene-d8	102	70-130	
4-Bromofluorobenzene	101	70-130	

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0612

Date Received: 11/16/2012

Field Sample #: TRC-SB10 (17-19ft)

Sampled: 11/16/2012 13:40

Sample ID: 12K0612-11

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR
Acenaphthylene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR
Acetophenone	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR
Aniline	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR
Anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR
Benzidine	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR
Benzo(a)anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR
Benzo(a)pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR
Benzo(b)fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR
Benzo(g,h,i)perylene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR
Benzo(k)fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR
Benzoic Acid	ND	1.1	mg/Kg dry	1	L-04	SW-846 8270D	11/20/12	11/21/12 18:55	CMR
Bis(2-chloroethoxy)methane	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR
Bis(2-chloroethyl)ether	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR
Bis(2-chloroisopropyl)ether	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR
Bis(2-Ethylhexyl)phthalate	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR
4-Bromophenylphenylether	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR
Butylbenzylphthalate	ND	0.73	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR
Carbazole	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR
4-Chloroaniline	ND	0.73	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR
4-Chloro-3-methylphenol	ND	0.73	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR
2-Chloronaphthalene	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR
2-Chlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR
4-Chlorophenylphenylether	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR
Chrysene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR
Dibenz(a,h)anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR
Dibenzofuran	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR
Di-n-butylphthalate	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR
1,2-Dichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR
1,3-Dichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR
1,4-Dichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR
3,3-Dichlorobenzidine	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR
2,4-Dichlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR
Diethylphthalate	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR
2,4-Dimethylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR
Dimethylphthalate	ND	0.73	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR
4,6-Dinitro-2-methylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR
2,4-Dinitrophenol	ND	0.73	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR
2,4-Dinitrotoluene	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR
2,6-Dinitrotoluene	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR
Di-n-octylphthalate	ND	0.73	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR
Fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR
Fluorene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0612

Date Received: 11/16/2012

Field Sample #: TRC-SB10 (17-19ft)

Sampled: 11/16/2012 13:40

Sample ID: 12K0612-11

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR
Hexachlorobutadiene	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR
Hexachlorocyclopentadiene	ND	0.73	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR
Hexachloroethane	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR
Indeno(1,2,3-cd)pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR
Isophorone	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR
1-Methylnaphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR
2-Methylnaphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR
2-Methylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR
3/4-Methylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR
Naphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR
2-Nitroaniline	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR
3-Nitroaniline	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR
4-Nitroaniline	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR
Nitrobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR
2-Nitrophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR
4-Nitrophenol	ND	0.73	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR
N-Nitrosodimethylamine	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR
N-Nitrosodiphenylamine	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR
N-Nitrosodi-n-propylamine	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR
Pentachloronitrobenzene	ND	0.38	mg/Kg dry	1	V-16	SW-846 8270D	11/20/12	11/21/12 18:55	CMR
Pentachlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR
Phenanthrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR
Phenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR
Pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR
Pyridine	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR
1,2,4,5-Tetrachlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR
1,2,4-Trichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR
2,4,5-Trichlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR
2,4,6-Trichlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 18:55	CMR
Surrogates	% Recovery	Recovery Limits	Flag						
2-Fluorophenol	64.7	30-130							
Phenol-d6	58.3	30-130							
Nitrobenzene-d5	54.8	30-130							
2-Fluorobiphenyl	51.8	30-130							
2,4,6-Tribromophenol	52.4	30-130							
Terphenyl-d14	48.4	30-130							

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0612

Date Received: 11/16/2012

Field Sample #: TRC-SB10 (17-19ft)

Sampled: 11/16/2012 13:40

Sample ID: 12K0612-11

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	11/19/12	11/20/12 18:17	MJC
Aroclor-1221 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	11/19/12	11/20/12 18:17	MJC
Aroclor-1232 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	11/19/12	11/20/12 18:17	MJC
Aroclor-1242 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	11/19/12	11/20/12 18:17	MJC
Aroclor-1248 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	11/19/12	11/20/12 18:17	MJC
Aroclor-1254 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	11/19/12	11/20/12 18:17	MJC
Aroclor-1260 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	11/19/12	11/20/12 18:17	MJC
Aroclor-1262 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	11/19/12	11/20/12 18:17	MJC
Aroclor-1268 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	11/19/12	11/20/12 18:17	MJC
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	93.4	30-150						11/20/12 18:17	
Decachlorobiphenyl [2]	99.5	30-150						11/20/12 18:17	
Tetrachloro-m-xylene [1]	57.6	30-150						11/20/12 18:17	
Tetrachloro-m-xylene [2]	85.7	30-150						11/20/12 18:17	

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0612

Date Received: 11/16/2012

Field Sample #: TRC-SB10 (17-19ft)

Sampled: 11/16/2012 13:40

Sample ID: 12K0612-11

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	6400	2.6	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:54	OP
Antimony	ND	2.6	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:54	OP
Arsenic	ND	2.6	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:54	OP
Barium	48	2.6	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:54	OP
Beryllium	ND	0.26	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 17:59	OP
Cadmium	ND	0.26	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:54	OP
Calcium	1400	7.8	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 17:59	OP
Chromium	11	0.52	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:54	OP
Cobalt	5.5	2.6	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:54	OP
Copper	14	0.52	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:54	OP
Iron	11000	2.6	mg/Kg dry	1	B-07, B	SW-846 6010C	11/17/12	11/20/12 17:59	OP
Lead	8.2	0.78	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:54	OP
Magnesium	2500	7.8	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 17:59	OP
Manganese	410	0.52	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 17:59	OP
Mercury	ND	0.027	mg/Kg dry	1		SW-846 7471B	11/17/12	11/19/12 14:47	SAJ
Nickel	13	0.52	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:54	OP
Potassium	1100	100	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 17:59	OP
Selenium	ND	2.6	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:54	OP
Silver	ND	0.52	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:54	OP
Sodium	ND	100	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 17:59	OP
Thallium	ND	2.6	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 16:41	OP
Vanadium	21	1.0	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:54	OP
Zinc	32	1.0	mg/Kg dry	1		SW-846 6010C	11/17/12	11/20/12 0:54	OP

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0612

Date Received: 11/16/2012

Field Sample #: TRC-SB10 (17-19ft)

Sampled: 11/16/2012 13:40

Sample ID: 12K0612-11

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.3		% Wt	1		SM 2540G	11/17/12	11/19/12 9:15	WAL

Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
12K0612-01 [TRC-SB3 (1-4ft)]	B063076	11/17/12
12K0612-02 [TRC-SB3 (17-19ft)]	B063076	11/17/12
12K0612-03 [TRC-SB3 (5-7ft)]	B063076	11/17/12
12K0612-05 [TRC-SB4 (1-4ft)]	B063076	11/17/12
12K0612-06 [TRC-SB4 (17-19ft)]	B063076	11/17/12
12K0612-07 [TRC-DUP-2]	B063076	11/17/12
12K0612-10 [TRC-SB10 (1-4ft)]	B063076	11/17/12
12K0612-11 [TRC-SB10 (17-19ft)]	B063076	11/17/12

SM2580 A

Lab Number [Field ID]	Batch	Initial [g]	Date
12K0612-03 [TRC-SB3 (5-7ft)]	B063066	20.0	11/16/12

Prep Method: SW-846 3050B-SW-846 6010C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12K0612-01 [TRC-SB3 (1-4ft)]	B063095	1.04	50.0	11/17/12
12K0612-02 [TRC-SB3 (17-19ft)]	B063095	1.00	50.0	11/17/12
12K0612-05 [TRC-SB4 (1-4ft)]	B063095	1.01	50.0	11/17/12
12K0612-06 [TRC-SB4 (17-19ft)]	B063095	1.07	50.0	11/17/12
12K0612-07 [TRC-DUP-2]	B063095	1.02	50.0	11/17/12
12K0612-10 [TRC-SB10 (1-4ft)]	B063095	1.05	50.0	11/17/12
12K0612-11 [TRC-SB10 (17-19ft)]	B063095	1.07	50.0	11/17/12

Prep Method: SW-846 3005A Dissolved-SW-846 6010C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12K0612-04 [TRC-GW-3]	B063092	50.0	50.0	11/17/12
12K0612-09 [TRC-GW-4]	B063092	50.0	50.0	11/17/12

Prep Method: SW-846 3005A-SW-846 6010C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12K0612-04 [TRC-GW-3]	B063140	50.0	50.0	11/19/12
12K0612-09 [TRC-GW-4]	B063140	50.0	50.0	11/19/12

Prep Method: SW-846 3005A Dissolved-SW-846 6020A

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12K0612-04 [TRC-GW-3]	B063093	50.0	50.0	11/17/12
12K0612-09 [TRC-GW-4]	B063093	50.0	50.0	11/17/12

Prep Method: SW-846 3005A-SW-846 6020A

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12K0612-04 [TRC-GW-3]	B063141	50.0	50.0	11/19/12

Sample Extraction Data

Prep Method: SW-846 3005A-SW-846 6020A

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12K0612-09 [TRC-GW-4]	B063141	50.0	50.0	11/19/12

SW-846 7196A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12K0612-03 [TRC-SB3 (5-7ft)]	B063505	2.56	100	11/26/12

Prep Method: SW-846 7470A Prep-SW-846 7470A

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12K0612-04 [TRC-GW-3]	B063099	6.00	6.00	11/17/12
12K0612-09 [TRC-GW-4]	B063099	6.00	6.00	11/17/12

Prep Method: SW-846 7470A Prep-SW-846 7470A

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12K0612-04 [TRC-GW-3]	B063126	6.00	6.00	11/19/12
12K0612-09 [TRC-GW-4]	B063126	6.00	6.00	11/19/12

Prep Method: SW-846 7471-SW-846 7471B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12K0612-01 [TRC-SB3 (1-4ft)]	B063097	0.601	50.0	11/17/12
12K0612-02 [TRC-SB3 (17-19ft)]	B063097	0.618	50.0	11/17/12
12K0612-05 [TRC-SB4 (1-4ft)]	B063097	0.614	50.0	11/17/12
12K0612-06 [TRC-SB4 (17-19ft)]	B063097	0.614	50.0	11/17/12
12K0612-07 [TRC-DUP-2]	B063097	0.601	50.0	11/17/12
12K0612-10 [TRC-SB10 (1-4ft)]	B063097	0.613	50.0	11/17/12
12K0612-11 [TRC-SB10 (17-19ft)]	B063097	0.612	50.0	11/17/12

Prep Method: SW-846 3546-SW-846 8015C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12K0612-03 [TRC-SB3 (5-7ft)]	B063130	30.4	1.00	11/19/12

Prep Method: SW-846 5035/5030B-SW-846 8015C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12K0612-03 [TRC-SB3 (5-7ft)]	B063243	14.3	16.8	11/20/12

Prep Method: SW-846 3546-SW-846 8081B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12K0612-03 [TRC-SB3 (5-7ft)]	B063137	10.1	10.0	11/19/12

Sample Extraction Data

Prep Method: SW-846 3546-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12K0612-01 [TRC-SB3 (1-4ft)]	B063135	10.4	10.0	11/19/12
12K0612-02 [TRC-SB3 (17-19ft)]	B063135	10.0	10.0	11/19/12
12K0612-05 [TRC-SB4 (1-4ft)]	B063135	10.2	10.0	11/19/12
12K0612-06 [TRC-SB4 (17-19ft)]	B063135	10.4	10.0	11/19/12
12K0612-07 [TRC-DUP-2]	B063135	10.4	10.0	11/19/12
12K0612-10 [TRC-SB10 (1-4ft)]	B063135	10.4	10.0	11/19/12
12K0612-11 [TRC-SB10 (17-19ft)]	B063135	10.2	10.0	11/19/12

Prep Method: SW-846 5035-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12K0612-01 [TRC-SB3 (1-4ft)]	B063152	5.20	10.0	11/19/12
12K0612-02 [TRC-SB3 (17-19ft)]	B063152	5.10	10.0	11/19/12
12K0612-05 [TRC-SB4 (1-4ft)]	B063152	4.70	10.0	11/19/12
12K0612-06 [TRC-SB4 (17-19ft)]	B063152	4.70	10.0	11/19/12
12K0612-07 [TRC-DUP-2]	B063152	4.70	10.0	11/19/12
12K0612-10 [TRC-SB10 (1-4ft)]	B063152	4.90	10.0	11/19/12
12K0612-11 [TRC-SB10 (17-19ft)]	B063152	5.60	10.0	11/19/12

Prep Method: SW-846 5030B-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12K0612-04 [TRC-GW-3]	B063133	5	5.00	11/19/12
12K0612-08 [Trip Blank 2]	B063133	5	5.00	11/19/12
12K0612-09 [TRC-GW-4]	B063133	5	5.00	11/19/12

Prep Method: SW-846 3546-SW-846 8270D

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12K0612-01 [TRC-SB3 (1-4ft)]	B063264	30.2	1.00	11/20/12
12K0612-02 [TRC-SB3 (17-19ft)]	B063264	30.1	1.00	11/20/12
12K0612-05 [TRC-SB4 (1-4ft)]	B063264	30.2	1.00	11/20/12
12K0612-06 [TRC-SB4 (17-19ft)]	B063264	30.2	1.00	11/20/12
12K0612-07 [TRC-DUP-2]	B063264	30.1	1.00	11/20/12
12K0612-10 [TRC-SB10 (1-4ft)]	B063264	30.0	1.00	11/20/12
12K0612-11 [TRC-SB10 (17-19ft)]	B063264	30.2	1.00	11/20/12

Prep Method: SW-846 3510C-SW-846 8270D

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12K0612-04 [TRC-GW-3]	B063111	1000	1.00	11/19/12
12K0612-09 [TRC-GW-4]	B063111	850	1.00	11/19/12

SW-846 9014

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12K0612-03 [TRC-SB3 (5-7ft)]	B063341	1.03	50.0	11/21/12

Sample Extraction Data

SW-846 9045C

Lab Number [Field ID]	Batch	Initial [g]	Date
12K0612-03 [TRC-SB3 (5-7ft)]	B063062	20.0	11/16/12

QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B063133 - SW-846 5030B										
Blank (B063133-BLK1)				Prepared & Analyzed: 11/19/12						
Acetone	ND	50	µg/L							
Acrylonitrile	ND	5.0	µg/L							
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L							
Benzene	ND	1.0	µg/L							
Bromobenzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	2.0	µg/L							
2-Butanone (MEK)	ND	20	µg/L							
tert-Butyl Alcohol (TBA)	ND	20	µg/L							V-16
n-Butylbenzene	ND	2.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L							
Carbon Disulfide	ND	2.0	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
2-Chlorotoluene	ND	1.0	µg/L							
4-Chlorotoluene	ND	1.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	1.0	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							L-04
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	2.0	µg/L							
1,1-Dichloropropene	ND	2.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Diethyl Ether	ND	2.0	µg/L							
Diisopropyl Ether (DIPE)	ND	0.50	µg/L							
1,4-Dioxane	ND	50	µg/L							V-16
Ethylbenzene	ND	1.0	µg/L							
Hexachlorobutadiene	ND	0.50	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							

QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B063133 - SW-846 5030B
Blank (B063133-BLK1)

Prepared & Analyzed: 11/19/12

Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L							
Naphthalene	ND	2.0	µg/L							
n-Propylbenzene	ND	1.0	µg/L							
Styrene	ND	1.0	µg/L							
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	µg/L							
Tetrahydrofuran	ND	10	µg/L							
Toluene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	5.0	µg/L							
1,2,4-Trichlorobenzene	ND	1.0	µg/L							
1,3,5-Trichlorobenzene	ND	1.0	µg/L							
1,1,1-Trichloroethane	ND	1.0	µg/L							
1,1,2-Trichloroethane	ND	1.0	µg/L							
Trichloroethylene	ND	1.0	µg/L							
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L							
1,2,3-Trichloropropane	ND	2.0	µg/L							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L							
1,2,4-Trimethylbenzene	ND	1.0	µg/L							
1,3,5-Trimethylbenzene	ND	1.0	µg/L							
Vinyl Chloride	ND	2.0	µg/L							
m+p Xylene	ND	2.0	µg/L							
o-Xylene	ND	1.0	µg/L							
Surrogate: 1,2-Dichloroethane-d4	25.7		µg/L	25.0		103	70-130			
Surrogate: Toluene-d8	24.3		µg/L	25.0		97.4	70-130			
Surrogate: 4-Bromofluorobenzene	25.0		µg/L	25.0		100	70-130			

LCS (B063133-BS1)

Prepared & Analyzed: 11/19/12

Acetone	100	50	µg/L	100		100	70-160			†
Acrylonitrile	9.17	5.0	µg/L	10.0		91.7	70-130			
tert-Amyl Methyl Ether (TAME)	10.4	0.50	µg/L	10.0		104	70-130			
Benzene	9.90	1.0	µg/L	10.0		99.0	70-130			
Bromobenzene	11.1	1.0	µg/L	10.0		111	70-130			
Bromochloromethane	10.6	1.0	µg/L	10.0		106	70-130			
Bromodichloromethane	8.24	0.50	µg/L	10.0		82.4	70-130			
Bromoform	7.85	1.0	µg/L	10.0		78.5	70-130			
Bromomethane	4.99	2.0	µg/L	10.0		49.9	40-160		V-20	†
2-Butanone (MEK)	89.5	20	µg/L	100		89.5	40-160			†
tert-Butyl Alcohol (TBA)	98.8	20	µg/L	100		98.8	40-160		V-16	†
n-Butylbenzene	10.7	2.0	µg/L	10.0		107	70-130			
sec-Butylbenzene	11.0	1.0	µg/L	10.0		110	70-130			
tert-Butylbenzene	11.0	1.0	µg/L	10.0		110	70-130			
tert-Butyl Ethyl Ether (TBEE)	10.8	0.50	µg/L	10.0		108	70-130			
Carbon Disulfide	9.93	2.0	µg/L	10.0		99.3	70-130			V-20
Carbon Tetrachloride	9.02	5.0	µg/L	10.0		90.2	70-130			
Chlorobenzene	10.8	1.0	µg/L	10.0		108	70-130			
Chlorodibromomethane	8.16	0.50	µg/L	10.0		81.6	70-130			
Chloroethane	10.1	2.0	µg/L	10.0		101	70-130			
Chloroform	10.8	2.0	µg/L	10.0		108	70-130			
Chloromethane	6.93	2.0	µg/L	10.0		69.3	40-160			†
2-Chlorotoluene	10.8	1.0	µg/L	10.0		108	70-130			

QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B063133 - SW-846 5030B										
LCS (B063133-BS1)				Prepared & Analyzed: 11/19/12						
4-Chlorotoluene	11.4	1.0	µg/L	10.0		114	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	7.80	5.0	µg/L	10.0		78.0	70-130			
1,2-Dibromoethane (EDB)	10.8	0.50	µg/L	10.0		108	70-130			
Dibromomethane	10.6	1.0	µg/L	10.0		106	70-130			
1,2-Dichlorobenzene	10.8	1.0	µg/L	10.0		108	70-130			
1,3-Dichlorobenzene	11.0	1.0	µg/L	10.0		110	70-130			
1,4-Dichlorobenzene	11.3	1.0	µg/L	10.0		113	70-130			
trans-1,4-Dichloro-2-butene	7.65	2.0	µg/L	10.0		76.5	70-130			
Dichlorodifluoromethane (Freon 12)	3.68	2.0	µg/L	10.0		36.8 *	40-160			L-04 †
1,1-Dichloroethane	10.2	1.0	µg/L	10.0		102	70-130			
1,2-Dichloroethane	11.2	1.0	µg/L	10.0		112	70-130			
1,1-Dichloroethylene	10.9	1.0	µg/L	10.0		109	70-130			
cis-1,2-Dichloroethylene	9.95	1.0	µg/L	10.0		99.5	70-130			
trans-1,2-Dichloroethylene	10.6	1.0	µg/L	10.0		106	70-130			
1,2-Dichloropropane	9.92	1.0	µg/L	10.0		99.2	70-130			
1,3-Dichloropropane	10.8	0.50	µg/L	10.0		108	70-130			
2,2-Dichloropropane	10.2	2.0	µg/L	10.0		102	40-130			†
1,1-Dichloropropene	10.5	2.0	µg/L	10.0		105	70-130			
cis-1,3-Dichloropropene	8.12	0.50	µg/L	10.0		81.2	70-130			
trans-1,3-Dichloropropene	9.00	0.50	µg/L	10.0		90.0	70-130			
Diethyl Ether	10.8	2.0	µg/L	10.0		108	70-130			
Diisopropyl Ether (DIPE)	9.96	0.50	µg/L	10.0		99.6	70-130			
1,4-Dioxane	110	50	µg/L	100		110	40-130			V-16 †
Ethylbenzene	11.2	1.0	µg/L	10.0		112	70-130			
Hexachlorobutadiene	10.8	0.50	µg/L	10.0		108	70-130			
2-Hexanone (MBK)	96.7	10	µg/L	100		96.7	70-160			†
Isopropylbenzene (Cumene)	11.3	1.0	µg/L	10.0		113	70-130			
p-Isopropyltoluene (p-Cymene)	11.9	1.0	µg/L	10.0		119	70-130			
Methyl tert-Butyl Ether (MTBE)	11.5	1.0	µg/L	10.0		115	70-130			
Methylene Chloride	10.6	5.0	µg/L	10.0		106	70-130			
4-Methyl-2-pentanone (MIBK)	98.2	10	µg/L	100		98.2	70-160			†
Naphthalene	9.79	2.0	µg/L	10.0		97.9	40-130			†
n-Propylbenzene	11.1	1.0	µg/L	10.0		111	70-130			
Styrene	11.1	1.0	µg/L	10.0		111	70-130			
1,1,1,2-Tetrachloroethane	9.34	1.0	µg/L	10.0		93.4	70-130			
1,1,2,2-Tetrachloroethane	10.1	0.50	µg/L	10.0		101	70-130			
Tetrachloroethylene	11.6	1.0	µg/L	10.0		116	70-130			
Tetrahydrofuran	8.92	10	µg/L	10.0		89.2	70-130			
Toluene	10.8	1.0	µg/L	10.0		108	70-130			
1,2,3-Trichlorobenzene	10.9	5.0	µg/L	10.0		109	70-130			
1,2,4-Trichlorobenzene	9.71	1.0	µg/L	10.0		97.1	70-130			
1,3,5-Trichlorobenzene	9.65	1.0	µg/L	10.0		96.5	70-130			
1,1,1-Trichloroethane	10.7	1.0	µg/L	10.0		107	70-130			
1,1,2-Trichloroethane	10.7	1.0	µg/L	10.0		107	70-130			
Trichloroethylene	10.9	1.0	µg/L	10.0		109	70-130			
Trichlorofluoromethane (Freon 11)	10.5	2.0	µg/L	10.0		105	70-130			V-20
1,2,3-Trichloropropane	10.3	2.0	µg/L	10.0		103	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.7	1.0	µg/L	10.0		117	70-130			V-20
1,2,4-Trimethylbenzene	11.2	1.0	µg/L	10.0		112	70-130			
1,3,5-Trimethylbenzene	11.5	1.0	µg/L	10.0		115	70-130			
Vinyl Chloride	7.24	2.0	µg/L	10.0		72.4	40-160			†

QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B063133 - SW-846 5030B										
LCS (B063133-BS1)				Prepared & Analyzed: 11/19/12						
m+p Xylene	23.1	2.0	µg/L	20.0		115	70-130			
o-Xylene	11.1	1.0	µg/L	10.0		111	70-130			
Surrogate: 1,2-Dichloroethane-d4	24.9		µg/L	25.0		99.6	70-130			
Surrogate: Toluene-d8	24.7		µg/L	25.0		99.0	70-130			
Surrogate: 4-Bromofluorobenzene	25.1		µg/L	25.0		101	70-130			
LCS Dup (B063133-BSD1)				Prepared & Analyzed: 11/19/12						
Acetone	90.1	50	µg/L	100		90.1	70-160	10.5	25	†
Acrylonitrile	10.9	5.0	µg/L	10.0		109	70-130	17.1	25	
tert-Amyl Methyl Ether (TAME)	10.3	0.50	µg/L	10.0		103	70-130	0.579	25	
Benzene	9.58	1.0	µg/L	10.0		95.8	70-130	3.29	25	
Bromobenzene	10.7	1.0	µg/L	10.0		107	70-130	3.30	25	
Bromochloromethane	10.5	1.0	µg/L	10.0		105	70-130	1.33	25	
Bromodichloromethane	8.00	0.50	µg/L	10.0		80.0	70-130	2.96	25	
Bromoform	8.03	1.0	µg/L	10.0		80.3	70-130	2.27	25	
Bromomethane	5.19	2.0	µg/L	10.0		51.9	40-160	3.93	25	V-20 †
2-Butanone (MEK)	94.1	20	µg/L	100		94.1	40-160	5.06	25	†
tert-Butyl Alcohol (TBA)	103	20	µg/L	100		103	40-160	4.12	25	V-16 †
n-Butylbenzene	10.3	2.0	µg/L	10.0		103	70-130	4.57	25	
sec-Butylbenzene	10.5	1.0	µg/L	10.0		105	70-130	4.57	25	
tert-Butylbenzene	10.4	1.0	µg/L	10.0		104	70-130	5.90	25	
tert-Butyl Ethyl Ether (TBEE)	10.5	0.50	µg/L	10.0		105	70-130	2.16	25	
Carbon Disulfide	7.78	2.0	µg/L	10.0		77.8	70-130	24.3	25	V-20
Carbon Tetrachloride	8.70	5.0	µg/L	10.0		87.0	70-130	3.61	25	
Chlorobenzene	10.3	1.0	µg/L	10.0		103	70-130	4.91	25	
Chlorodibromomethane	8.17	0.50	µg/L	10.0		81.7	70-130	0.122	25	
Chloroethane	8.76	2.0	µg/L	10.0		87.6	70-130	14.3	25	
Chloroform	10.7	2.0	µg/L	10.0		107	70-130	0.557	25	
Chloromethane	6.18	2.0	µg/L	10.0		61.8	40-160	11.4	25	†
2-Chlorotoluene	10.5	1.0	µg/L	10.0		105	70-130	3.19	25	
4-Chlorotoluene	11.1	1.0	µg/L	10.0		111	70-130	2.94	25	
1,2-Dibromo-3-chloropropane (DBCP)	9.16	5.0	µg/L	10.0		91.6	70-130	16.0	25	
1,2-Dibromoethane (EDB)	10.7	0.50	µg/L	10.0		107	70-130	1.21	25	
Dibromomethane	11.1	1.0	µg/L	10.0		111	70-130	4.42	25	
1,2-Dichlorobenzene	10.7	1.0	µg/L	10.0		107	70-130	1.12	25	
1,3-Dichlorobenzene	10.6	1.0	µg/L	10.0		106	70-130	3.25	25	
1,4-Dichlorobenzene	11.1	1.0	µg/L	10.0		111	70-130	1.34	25	
trans-1,4-Dichloro-2-butene	8.28	2.0	µg/L	10.0		82.8	70-130	7.91	25	
Dichlorodifluoromethane (Freon 12)	3.38	2.0	µg/L	10.0		33.8	* 40-160	8.50	25	L-04 †
1,1-Dichloroethane	9.98	1.0	µg/L	10.0		99.8	70-130	1.98	25	
1,2-Dichloroethane	11.0	1.0	µg/L	10.0		110	70-130	2.26	25	
1,1-Dichloroethylene	9.02	1.0	µg/L	10.0		90.2	70-130	19.2	25	
cis-1,2-Dichloroethylene	9.80	1.0	µg/L	10.0		98.0	70-130	1.52	25	
trans-1,2-Dichloroethylene	10.2	1.0	µg/L	10.0		102	70-130	4.05	25	
1,2-Dichloropropane	10.1	1.0	µg/L	10.0		101	70-130	2.19	25	
1,3-Dichloropropane	10.8	0.50	µg/L	10.0		108	70-130	0.185	25	
2,2-Dichloropropane	9.76	2.0	µg/L	10.0		97.6	40-130	4.80	25	†
1,1-Dichloropropene	9.84	2.0	µg/L	10.0		98.4	70-130	6.49	25	
cis-1,3-Dichloropropene	7.88	0.50	µg/L	10.0		78.8	70-130	3.00	25	
trans-1,3-Dichloropropene	8.84	0.50	µg/L	10.0		88.4	70-130	1.79	25	
Diethyl Ether	9.47	2.0	µg/L	10.0		94.7	70-130	13.5	25	
Diisopropyl Ether (DIPE)	10.5	0.50	µg/L	10.0		105	70-130	5.37	25	

QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B063133 - SW-846 5030B
LCS Dup (B063133-BSD1)

Prepared & Analyzed: 11/19/12

1,4-Dioxane	116	50	µg/L	100		116	40-130	5.45	50	V-16 † ‡
Ethylbenzene	10.5	1.0	µg/L	10.0		105	70-130	5.90	25	
Hexachlorobutadiene	10.8	0.50	µg/L	10.0		108	70-130	0.277	25	
2-Hexanone (MBK)	103	10	µg/L	100		103	70-160	5.82	25	†
Isopropylbenzene (Cumene)	10.7	1.0	µg/L	10.0		107	70-130	5.00	25	
p-Isopropyltoluene (p-Cymene)	11.6	1.0	µg/L	10.0		116	70-130	3.24	25	
Methyl tert-Butyl Ether (MTBE)	11.8	1.0	µg/L	10.0		118	70-130	2.66	25	
Methylene Chloride	11.5	5.0	µg/L	10.0		115	70-130	7.76	25	
4-Methyl-2-pentanone (MIBK)	104	10	µg/L	100		104	70-160	5.37	25	†
Naphthalene	11.2	2.0	µg/L	10.0		112	40-130	13.7	25	†
n-Propylbenzene	10.4	1.0	µg/L	10.0		104	70-130	6.24	25	
Styrene	10.5	1.0	µg/L	10.0		105	70-130	6.02	25	
1,1,1,2-Tetrachloroethane	9.02	1.0	µg/L	10.0		90.2	70-130	3.49	25	
1,1,2,2-Tetrachloroethane	10.4	0.50	µg/L	10.0		104	70-130	3.12	25	
Tetrachloroethylene	10.9	1.0	µg/L	10.0		109	70-130	7.02	25	
Tetrahydrofuran	10.0	10	µg/L	10.0		100	70-130	11.8	25	
Toluene	10.3	1.0	µg/L	10.0		103	70-130	4.55	25	
1,2,3-Trichlorobenzene	12.8	5.0	µg/L	10.0		128	70-130	16.0	25	
1,2,4-Trichlorobenzene	11.0	1.0	µg/L	10.0		110	70-130	12.3	25	
1,3,5-Trichlorobenzene	9.85	1.0	µg/L	10.0		98.5	70-130	2.05	25	
1,1,1-Trichloroethane	10.1	1.0	µg/L	10.0		101	70-130	6.14	25	
1,1,2-Trichloroethane	10.7	1.0	µg/L	10.0		107	70-130	0.281	25	
Trichloroethylene	10.5	1.0	µg/L	10.0		105	70-130	3.37	25	
Trichlorofluoromethane (Freon 11)	8.73	2.0	µg/L	10.0		87.3	70-130	18.0	25	V-20
1,2,3-Trichloropropane	10.8	2.0	µg/L	10.0		108	70-130	4.66	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.3	1.0	µg/L	10.0		103	70-130	13.3	25	V-20
1,2,4-Trimethylbenzene	10.7	1.0	µg/L	10.0		107	70-130	4.49	25	
1,3,5-Trimethylbenzene	11.1	1.0	µg/L	10.0		111	70-130	3.73	25	
Vinyl Chloride	6.25	2.0	µg/L	10.0		62.5	40-160	14.7	25	†
m+p Xylene	21.9	2.0	µg/L	20.0		110	70-130	4.98	25	
o-Xylene	10.7	1.0	µg/L	10.0		107	70-130	3.48	25	
Surrogate: 1,2-Dichloroethane-d4	24.7		µg/L	25.0		98.7	70-130			
Surrogate: Toluene-d8	24.7		µg/L	25.0		98.7	70-130			
Surrogate: 4-Bromofluorobenzene	25.0		µg/L	25.0		100	70-130			

Batch B063152 - SW-846 5035
Blank (B063152-BLK1)

Prepared & Analyzed: 11/19/12

Acetone	ND	0.10	mg/Kg wet							
Acrylonitrile	ND	0.0060	mg/Kg wet							V-05, V-16
tert-Amyl Methyl Ether (TAME)	ND	0.0010	mg/Kg wet							
Benzene	ND	0.0020	mg/Kg wet							
Bromobenzene	ND	0.0020	mg/Kg wet							
Bromochloromethane	ND	0.0020	mg/Kg wet							
Bromodichloromethane	ND	0.0020	mg/Kg wet							
Bromoform	ND	0.0020	mg/Kg wet							
Bromomethane	ND	0.010	mg/Kg wet							
2-Butanone (MEK)	ND	0.040	mg/Kg wet							
tert-Butyl Alcohol (TBA)	ND	0.040	mg/Kg wet							V-16
n-Butylbenzene	ND	0.0020	mg/Kg wet							
sec-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butylbenzene	ND	0.0020	mg/Kg wet							

QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B063152 - SW-846 5035										
Blank (B063152-BLK1)				Prepared & Analyzed: 11/19/12						
tert-Butyl Ethyl Ether (TBEE)	ND	0.0010	mg/Kg wet							
Carbon Disulfide	ND	0.0060	mg/Kg wet							
Carbon Tetrachloride	ND	0.0020	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0010	mg/Kg wet							
Chloroethane	ND	0.020	mg/Kg wet							
Chloroform	ND	0.0040	mg/Kg wet							
Chloromethane	ND	0.010	mg/Kg wet							L-04, V-05
2-Chlorotoluene	ND	0.0020	mg/Kg wet							
4-Chlorotoluene	ND	0.0020	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet							V-16
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg wet							
Dibromomethane	ND	0.0020	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet							
trans-1,4-Dichloro-2-butene	ND	0.0040	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg wet							L-04
1,1-Dichloroethane	ND	0.0020	mg/Kg wet							
1,2-Dichloroethane	ND	0.0020	mg/Kg wet							
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
1,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,3-Dichloropropane	ND	0.0010	mg/Kg wet							
2,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,1-Dichloropropene	ND	0.0020	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
Diethyl Ether	ND	0.020	mg/Kg wet							
Diisopropyl Ether (DIPE)	ND	0.0010	mg/Kg wet							
1,4-Dioxane	ND	0.10	mg/Kg wet							V-16
Ethylbenzene	ND	0.0020	mg/Kg wet							
Hexachlorobutadiene	ND	0.0020	mg/Kg wet							
2-Hexanone (MBK)	ND	0.020	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.0020	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg wet							
Methylene Chloride	ND	0.020	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg wet							
Naphthalene	ND	0.0040	mg/Kg wet							
n-Propylbenzene	ND	0.0020	mg/Kg wet							
Styrene	ND	0.0020	mg/Kg wet							
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet							
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet							
Tetrachloroethylene	ND	0.0020	mg/Kg wet							
Tetrahydrofuran	ND	0.010	mg/Kg wet							V-16
Toluene	ND	0.0020	mg/Kg wet							
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,3,5-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet							

QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B063152 - SW-846 5035										
Blank (B063152-BLK1)				Prepared & Analyzed: 11/19/12						
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet							
Trichloroethylene	ND	0.0020	mg/Kg wet							
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet							
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg wet							
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg wet							
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg wet							
Vinyl Chloride	ND	0.010	mg/Kg wet							
m+p Xylene	ND	0.0040	mg/Kg wet							
o-Xylene	ND	0.0020	mg/Kg wet							
Surrogate: 1,2-Dichloroethane-d4	0.0559		mg/Kg wet	0.0500		112	70-130			
Surrogate: Toluene-d8	0.0510		mg/Kg wet	0.0500		102	70-130			
Surrogate: 4-Bromofluorobenzene	0.0500		mg/Kg wet	0.0500		100	70-130			
LCS (B063152-BS1)				Prepared & Analyzed: 11/19/12						
Acetone	0.194	0.10	mg/Kg wet	0.200		97.1	70-160			†
Acrylonitrile	0.0192	0.0060	mg/Kg wet	0.0200		96.2	70-130			V-05, V-16
tert-Amyl Methyl Ether (TAME)	0.0197	0.0010	mg/Kg wet	0.0200		98.4	70-130			
Benzene	0.0191	0.0020	mg/Kg wet	0.0200		95.3	70-130			
Bromobenzene	0.0196	0.0020	mg/Kg wet	0.0200		97.8	70-130			
Bromochloromethane	0.0196	0.0020	mg/Kg wet	0.0200		98.0	70-130			
Bromodichloromethane	0.0193	0.0020	mg/Kg wet	0.0200		96.3	70-130			
Bromoform	0.0189	0.0020	mg/Kg wet	0.0200		94.7	70-130			
Bromomethane	0.0169	0.010	mg/Kg wet	0.0200		84.5	40-130			†
2-Butanone (MEK)	0.178	0.040	mg/Kg wet	0.200		88.8	70-160			†
tert-Butyl Alcohol (TBA)	0.179	0.040	mg/Kg wet	0.200		89.7	40-130			V-16 †
n-Butylbenzene	0.0213	0.0020	mg/Kg wet	0.0200		106	70-130			
sec-Butylbenzene	0.0207	0.0020	mg/Kg wet	0.0200		104	70-130			
tert-Butylbenzene	0.0207	0.0020	mg/Kg wet	0.0200		104	70-160			†
tert-Butyl Ethyl Ether (TBEE)	0.0198	0.0010	mg/Kg wet	0.0200		99.1	70-130			
Carbon Disulfide	0.0167	0.0060	mg/Kg wet	0.0200		83.7	70-130			
Carbon Tetrachloride	0.0203	0.0020	mg/Kg wet	0.0200		102	70-130			
Chlorobenzene	0.0186	0.0020	mg/Kg wet	0.0200		93.1	70-130			
Chlorodibromomethane	0.0187	0.0010	mg/Kg wet	0.0200		93.7	70-130			
Chloroethane	0.0170	0.020	mg/Kg wet	0.0200		85.1	70-130			
Chloroform	0.0199	0.0040	mg/Kg wet	0.0200		99.5	70-130			
Chloromethane	0.0135	0.010	mg/Kg wet	0.0200		67.3	* 70-130			L-04, V-05
2-Chlorotoluene	0.0193	0.0020	mg/Kg wet	0.0200		96.3	70-130			
4-Chlorotoluene	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	0.0217	0.0020	mg/Kg wet	0.0200		108	70-130			V-16
1,2-Dibromoethane (EDB)	0.0192	0.0010	mg/Kg wet	0.0200		96.0	70-130			
Dibromomethane	0.0193	0.0020	mg/Kg wet	0.0200		96.4	70-130			
1,2-Dichlorobenzene	0.0195	0.0020	mg/Kg wet	0.0200		97.7	70-130			
1,3-Dichlorobenzene	0.0199	0.0020	mg/Kg wet	0.0200		99.7	70-130			
1,4-Dichlorobenzene	0.0200	0.0020	mg/Kg wet	0.0200		99.8	70-130			
trans-1,4-Dichloro-2-butene	0.0181	0.0040	mg/Kg wet	0.0200		90.6	70-130			
Dichlorodifluoromethane (Freon 12)	0.00788	0.020	mg/Kg wet	0.0200		39.4	* 40-160			L-04 †
1,1-Dichloroethane	0.0193	0.0020	mg/Kg wet	0.0200		96.7	70-130			
1,2-Dichloroethane	0.0195	0.0020	mg/Kg wet	0.0200		97.7	70-130			
1,1-Dichloroethylene	0.0187	0.0040	mg/Kg wet	0.0200		93.4	70-130			
cis-1,2-Dichloroethylene	0.0190	0.0020	mg/Kg wet	0.0200		95.2	70-130			
trans-1,2-Dichloroethylene	0.0187	0.0020	mg/Kg wet	0.0200		93.7	70-130			

QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B063152 - SW-846 5035										
LCS (B063152-BS1)				Prepared & Analyzed: 11/19/12						
1,2-Dichloropropane	0.0186	0.0020	mg/Kg wet	0.0200		93.0	70-130			
1,3-Dichloropropane	0.0192	0.0010	mg/Kg wet	0.0200		95.9	70-130			
2,2-Dichloropropane	0.0198	0.0020	mg/Kg wet	0.0200		98.9	70-130			
1,1-Dichloropropene	0.0192	0.0020	mg/Kg wet	0.0200		95.9	70-130			
cis-1,3-Dichloropropene	0.0193	0.0010	mg/Kg wet	0.0200		96.4	70-130			
trans-1,3-Dichloropropene	0.0203	0.0010	mg/Kg wet	0.0200		102	70-130			
Diethyl Ether	0.0177	0.020	mg/Kg wet	0.0200		88.7	70-130			
Diisopropyl Ether (DIPE)	0.0198	0.0010	mg/Kg wet	0.0200		99.1	70-130			
1,4-Dioxane	0.202	0.10	mg/Kg wet	0.200		101	40-160			V-16 †
Ethylbenzene	0.0200	0.0020	mg/Kg wet	0.0200		99.9	70-130			
Hexachlorobutadiene	0.0219	0.0020	mg/Kg wet	0.0200		110	70-160			
2-Hexanone (MBK)	0.185	0.020	mg/Kg wet	0.200		92.3	70-160			†
Isopropylbenzene (Cumene)	0.0200	0.0020	mg/Kg wet	0.0200		99.9	70-130			
p-Isopropyltoluene (p-Cymene)	0.0212	0.0020	mg/Kg wet	0.0200		106	70-130			
Methyl tert-Butyl Ether (MTBE)	0.0217	0.0040	mg/Kg wet	0.0200		109	70-130			
Methylene Chloride	0.0182	0.020	mg/Kg wet	0.0200		90.8	40-160			†
4-Methyl-2-pentanone (MIBK)	0.186	0.020	mg/Kg wet	0.200		93.2	70-160			†
Naphthalene	0.0188	0.0040	mg/Kg wet	0.0200		94.1	40-130			†
n-Propylbenzene	0.0194	0.0020	mg/Kg wet	0.0200		97.1	70-130			
Styrene	0.0197	0.0020	mg/Kg wet	0.0200		98.4	70-130			
1,1,1,2-Tetrachloroethane	0.0201	0.0020	mg/Kg wet	0.0200		100	70-130			
1,1,2,2-Tetrachloroethane	0.0184	0.0010	mg/Kg wet	0.0200		91.9	70-130			
Tetrachloroethylene	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130			
Tetrahydrofuran	0.0188	0.010	mg/Kg wet	0.0200		93.9	70-130			V-16
Toluene	0.0184	0.0020	mg/Kg wet	0.0200		92.0	70-130			
1,2,3-Trichlorobenzene	0.0221	0.0020	mg/Kg wet	0.0200		110	70-130			
1,2,4-Trichlorobenzene	0.0210	0.0020	mg/Kg wet	0.0200		105	70-130			
1,3,5-Trichlorobenzene	0.0205	0.0020	mg/Kg wet	0.0200		102	70-130			
1,1,1-Trichloroethane	0.0203	0.0020	mg/Kg wet	0.0200		101	70-130			
1,1,2-Trichloroethane	0.0190	0.0020	mg/Kg wet	0.0200		94.9	70-130			
Trichloroethylene	0.0199	0.0020	mg/Kg wet	0.0200		99.4	70-130			
Trichlorofluoromethane (Freon 11)	0.0169	0.010	mg/Kg wet	0.0200		84.7	70-130			
1,2,3-Trichloropropane	0.0191	0.0020	mg/Kg wet	0.0200		95.7	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0190	0.010	mg/Kg wet	0.0200		94.8	70-130			
1,2,4-Trimethylbenzene	0.0207	0.0020	mg/Kg wet	0.0200		103	70-130			
1,3,5-Trimethylbenzene	0.0203	0.0020	mg/Kg wet	0.0200		101	70-130			
Vinyl Chloride	0.0135	0.010	mg/Kg wet	0.0200		67.7	40-130			†
m+p Xylene	0.0404	0.0040	mg/Kg wet	0.0400		101	70-130			
o-Xylene	0.0201	0.0020	mg/Kg wet	0.0200		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0545		mg/Kg wet	0.0500		109	70-130			
Surrogate: Toluene-d8	0.0515		mg/Kg wet	0.0500		103	70-130			
Surrogate: 4-Bromofluorobenzene	0.0501		mg/Kg wet	0.0500		100	70-130			

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B063152 - SW-846 5035										
LCS Dup (B063152-BSD1)				Prepared & Analyzed: 11/19/12						
Acetone	0.182	0.10	mg/Kg wet	0.200		91.0	70-160	6.54	25	†
Acrylonitrile	0.0178	0.0060	mg/Kg wet	0.0200		88.9	70-130	7.89	25	V-05, V-16
tert-Amyl Methyl Ether (TAME)	0.0191	0.0010	mg/Kg wet	0.0200		95.4	70-130	3.10	25	
Benzene	0.0184	0.0020	mg/Kg wet	0.0200		91.8	70-130	3.74	25	
Bromobenzene	0.0192	0.0020	mg/Kg wet	0.0200		96.1	70-130	1.75	25	
Bromochloromethane	0.0185	0.0020	mg/Kg wet	0.0200		92.4	70-130	5.88	25	
Bromodichloromethane	0.0177	0.0020	mg/Kg wet	0.0200		88.6	70-130	8.33	25	
Bromoform	0.0188	0.0020	mg/Kg wet	0.0200		94.0	70-130	0.742	25	
Bromomethane	0.0185	0.010	mg/Kg wet	0.0200		92.7	40-130	9.26	25	†
2-Butanone (MEK)	0.166	0.040	mg/Kg wet	0.200		82.9	70-160	6.81	25	†
tert-Butyl Alcohol (TBA)	0.172	0.040	mg/Kg wet	0.200		86.1	40-130	4.04	25	V-16 †
n-Butylbenzene	0.0203	0.0020	mg/Kg wet	0.0200		101	70-130	4.91	25	
sec-Butylbenzene	0.0205	0.0020	mg/Kg wet	0.0200		102	70-130	1.17	25	
tert-Butylbenzene	0.0200	0.0020	mg/Kg wet	0.0200		99.9	70-160	3.64	25	†
tert-Butyl Ethyl Ether (TBEE)	0.0195	0.0010	mg/Kg wet	0.0200		97.6	70-130	1.53	25	
Carbon Disulfide	0.0160	0.0060	mg/Kg wet	0.0200		79.8	70-130	4.77	25	
Carbon Tetrachloride	0.0192	0.0020	mg/Kg wet	0.0200		95.8	70-130	5.97	25	
Chlorobenzene	0.0183	0.0020	mg/Kg wet	0.0200		91.3	70-130	1.95	25	
Chlorodibromomethane	0.0183	0.0010	mg/Kg wet	0.0200		91.4	70-130	2.49	25	
Chloroethane	0.0166	0.020	mg/Kg wet	0.0200		83.1	70-130	2.38	25	
Chloroform	0.0190	0.0040	mg/Kg wet	0.0200		95.1	70-130	4.52	25	
Chloromethane	0.0134	0.010	mg/Kg wet	0.0200		67.0	* 70-130	0.447	25	L-04, V-05
2-Chlorotoluene	0.0192	0.0020	mg/Kg wet	0.0200		95.9	70-130	0.416	25	
4-Chlorotoluene	0.0199	0.0020	mg/Kg wet	0.0200		99.4	70-130	2.78	25	
1,2-Dibromo-3-chloropropane (DBCP)	0.0193	0.0020	mg/Kg wet	0.0200		96.4	70-130	11.7	25	V-16
1,2-Dibromoethane (EDB)	0.0191	0.0010	mg/Kg wet	0.0200		95.5	70-130	0.522	25	
Dibromomethane	0.0190	0.0020	mg/Kg wet	0.0200		95.1	70-130	1.36	25	
1,2-Dichlorobenzene	0.0190	0.0020	mg/Kg wet	0.0200		95.1	70-130	2.70	25	
1,3-Dichlorobenzene	0.0190	0.0020	mg/Kg wet	0.0200		94.8	70-130	5.04	25	
1,4-Dichlorobenzene	0.0191	0.0020	mg/Kg wet	0.0200		95.7	70-130	4.19	25	
trans-1,4-Dichloro-2-butene	0.0171	0.0040	mg/Kg wet	0.0200		85.5	70-130	5.79	25	
Dichlorodifluoromethane (Freon 12)	0.00740	0.020	mg/Kg wet	0.0200		37.0	* 40-160	6.28	25	L-04 †
1,1-Dichloroethane	0.0188	0.0020	mg/Kg wet	0.0200		93.8	70-130	3.04	25	
1,2-Dichloroethane	0.0187	0.0020	mg/Kg wet	0.0200		93.5	70-130	4.39	25	
1,1-Dichloroethylene	0.0172	0.0040	mg/Kg wet	0.0200		85.9	70-130	8.37	25	
cis-1,2-Dichloroethylene	0.0183	0.0020	mg/Kg wet	0.0200		91.5	70-130	3.96	25	
trans-1,2-Dichloroethylene	0.0183	0.0020	mg/Kg wet	0.0200		91.4	70-130	2.49	25	
1,2-Dichloropropane	0.0178	0.0020	mg/Kg wet	0.0200		88.8	70-130	4.62	25	
1,3-Dichloropropane	0.0184	0.0010	mg/Kg wet	0.0200		92.1	70-130	4.04	25	
2,2-Dichloropropane	0.0187	0.0020	mg/Kg wet	0.0200		93.3	70-130	5.83	25	
1,1-Dichloropropene	0.0193	0.0020	mg/Kg wet	0.0200		96.7	70-130	0.831	25	
cis-1,3-Dichloropropene	0.0182	0.0010	mg/Kg wet	0.0200		91.0	70-130	5.76	25	
trans-1,3-Dichloropropene	0.0195	0.0010	mg/Kg wet	0.0200		97.3	70-130	4.32	25	
Diethyl Ether	0.0170	0.020	mg/Kg wet	0.0200		84.9	70-130	4.38	25	
Diisopropyl Ether (DIPE)	0.0194	0.0010	mg/Kg wet	0.0200		97.2	70-130	1.94	25	
1,4-Dioxane	0.179	0.10	mg/Kg wet	0.200		89.3	40-160	12.1	50	V-16 † ‡
Ethylbenzene	0.0194	0.0020	mg/Kg wet	0.0200		97.1	70-130	2.84	25	
Hexachlorobutadiene	0.0208	0.0020	mg/Kg wet	0.0200		104	70-160	5.34	25	
2-Hexanone (MBK)	0.174	0.020	mg/Kg wet	0.200		86.8	70-160	6.18	25	†
Isopropylbenzene (Cumene)	0.0193	0.0020	mg/Kg wet	0.0200		96.5	70-130	3.46	25	
p-Isopropyltoluene (p-Cymene)	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130	2.10	25	
Methyl tert-Butyl Ether (MTBE)	0.0208	0.0040	mg/Kg wet	0.0200		104	70-130	4.32	25	

QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B063152 - SW-846 5035										
LCS Dup (B063152-BSD1)				Prepared & Analyzed: 11/19/12						
Methylene Chloride	0.0180	0.020	mg/Kg wet	0.0200		90.0	40-160	0.885	25	†
4-Methyl-2-pentanone (MIBK)	0.176	0.020	mg/Kg wet	0.200		88.2	70-160	5.40	25	†
Naphthalene	0.0175	0.0040	mg/Kg wet	0.0200		87.7	40-130	7.04	25	†
n-Propylbenzene	0.0191	0.0020	mg/Kg wet	0.0200		95.5	70-130	1.66	25	
Styrene	0.0192	0.0020	mg/Kg wet	0.0200		96.1	70-130	2.37	25	
1,1,1,2-Tetrachloroethane	0.0196	0.0020	mg/Kg wet	0.0200		98.2	70-130	2.32	25	
1,1,2,2-Tetrachloroethane	0.0182	0.0010	mg/Kg wet	0.0200		90.9	70-130	1.09	25	
Tetrachloroethylene	0.0192	0.0020	mg/Kg wet	0.0200		96.0	70-130	6.06	25	
Tetrahydrofuran	0.0167	0.010	mg/Kg wet	0.0200		83.4	70-130	11.8	25	V-16
Toluene	0.0178	0.0020	mg/Kg wet	0.0200		88.8	70-130	3.54	25	
1,2,3-Trichlorobenzene	0.0203	0.0020	mg/Kg wet	0.0200		102	70-130	8.30	25	
1,2,4-Trichlorobenzene	0.0192	0.0020	mg/Kg wet	0.0200		96.1	70-130	8.85	25	
1,3,5-Trichlorobenzene	0.0187	0.0020	mg/Kg wet	0.0200		93.7	70-130	8.97	25	
1,1,1-Trichloroethane	0.0193	0.0020	mg/Kg wet	0.0200		96.4	70-130	4.96	25	
1,1,2-Trichloroethane	0.0184	0.0020	mg/Kg wet	0.0200		92.0	70-130	3.10	25	
Trichloroethylene	0.0181	0.0020	mg/Kg wet	0.0200		90.4	70-130	9.48	25	
Trichlorofluoromethane (Freon 11)	0.0170	0.010	mg/Kg wet	0.0200		85.0	70-130	0.354	25	
1,2,3-Trichloropropane	0.0189	0.0020	mg/Kg wet	0.0200		94.4	70-130	1.37	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0188	0.010	mg/Kg wet	0.0200		94.1	70-130	0.741	25	
1,2,4-Trimethylbenzene	0.0197	0.0020	mg/Kg wet	0.0200		98.3	70-130	5.06	25	
1,3,5-Trimethylbenzene	0.0195	0.0020	mg/Kg wet	0.0200		97.7	70-130	3.72	25	
Vinyl Chloride	0.0133	0.010	mg/Kg wet	0.0200		66.7	40-130	1.49	25	†
m+p Xylene	0.0393	0.0040	mg/Kg wet	0.0400		98.3	70-130	2.76	25	
o-Xylene	0.0196	0.0020	mg/Kg wet	0.0200		98.1	70-130	2.32	25	
Surrogate: 1,2-Dichloroethane-d4	0.0542		mg/Kg wet	0.0500		108	70-130			
Surrogate: Toluene-d8	0.0524		mg/Kg wet	0.0500		105	70-130			
Surrogate: 4-Bromofluorobenzene	0.0502		mg/Kg wet	0.0500		100	70-130			

QUALITY CONTROL
Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B063111 - SW-846 3510C
Blank (B063111-BLK1)

Prepared: 11/19/12 Analyzed: 11/20/12

Acenaphthene	ND	5.0	µg/L							
Acenaphthylene	ND	5.0	µg/L							
Acetophenone	ND	10	µg/L							
Aniline	ND	5.0	µg/L							
Anthracene	ND	5.0	µg/L							
Benzidine	ND	10	µg/L							R-05
Benzo(a)anthracene	ND	5.0	µg/L							
Benzo(a)pyrene	ND	5.0	µg/L							
Benzo(b)fluoranthene	ND	5.0	µg/L							
Benzo(g,h,i)perylene	ND	5.0	µg/L							
Benzo(k)fluoranthene	ND	5.0	µg/L							R-05
Benzoic Acid	ND	10	µg/L							V-20
Bis(2-chloroethoxy)methane	ND	10	µg/L							
Bis(2-chloroethyl)ether	ND	10	µg/L							
Bis(2-chloroisopropyl)ether	ND	10	µg/L							
Bis(2-Ethylhexyl)phthalate	ND	10	µg/L							
4-Bromophenylphenylether	ND	10	µg/L							
Butylbenzylphthalate	ND	10	µg/L							
Carbazole	ND	10	µg/L							
4-Chloroaniline	ND	10	µg/L							
4-Chloro-3-methylphenol	ND	10	µg/L							
2-Chloronaphthalene	ND	10	µg/L							
2-Chlorophenol	ND	10	µg/L							
4-Chlorophenylphenylether	ND	10	µg/L							
Chrysene	ND	5.0	µg/L							
Dibenz(a,h)anthracene	ND	5.0	µg/L							V-20
Dibenzofuran	ND	5.0	µg/L							
Di-n-butylphthalate	ND	10	µg/L							
1,2-Dichlorobenzene	ND	5.0	µg/L							
1,3-Dichlorobenzene	ND	5.0	µg/L							
1,4-Dichlorobenzene	ND	5.0	µg/L							
3,3-Dichlorobenzidine	ND	10	µg/L							
2,4-Dichlorophenol	ND	10	µg/L							
Diethylphthalate	ND	10	µg/L							
2,4-Dimethylphenol	ND	10	µg/L							R-05
Dimethylphthalate	ND	10	µg/L							
4,6-Dinitro-2-methylphenol	ND	10	µg/L							V-04
2,4-Dinitrophenol	ND	10	µg/L							V-04
2,4-Dinitrotoluene	ND	10	µg/L							
2,6-Dinitrotoluene	ND	10	µg/L							
Di-n-octylphthalate	ND	10	µg/L							
1,2-Diphenylhydrazine (as Azobenzene)	ND	10	µg/L							
Fluoranthene	ND	5.0	µg/L							
Fluorene	ND	5.0	µg/L							
Hexachlorobenzene	ND	10	µg/L							
Hexachlorobutadiene	ND	10	µg/L							
Hexachlorocyclopentadiene	ND	10	µg/L							
Hexachloroethane	ND	10	µg/L							
Indeno(1,2,3-cd)pyrene	ND	5.0	µg/L							V-20
Isophorone	ND	10	µg/L							
1-Methylnaphthalene	ND	5.0	µg/L							
2-Methylnaphthalene	ND	5.0	µg/L							

QUALITY CONTROL
Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B063111 - SW-846 3510C
Blank (B063111-BLK1)

Prepared: 11/19/12 Analyzed: 11/20/12

2-Methylphenol	ND	10	µg/L							
3/4-Methylphenol	ND	10	µg/L							
Naphthalene	ND	5.0	µg/L							
2-Nitroaniline	ND	10	µg/L							
3-Nitroaniline	ND	10	µg/L							
4-Nitroaniline	ND	10	µg/L							
Nitrobenzene	ND	10	µg/L							
2-Nitrophenol	ND	10	µg/L							
4-Nitrophenol	ND	10	µg/L							
N-Nitrosodimethylamine	ND	5.0	µg/L							
N-Nitrosodiphenylamine	ND	10	µg/L							
N-Nitrosodi-n-propylamine	ND	10	µg/L							
Pentachloronitrobenzene	ND	10	µg/L							V-16
Pentachlorophenol	ND	10	µg/L							
Phenanthrene	ND	5.0	µg/L							
Phenol	ND	10	µg/L							
Pyrene	ND	5.0	µg/L							
Pyridine	ND	5.0	µg/L							
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L							
1,2,4-Trichlorobenzene	ND	5.0	µg/L							
2,4,5-Trichlorophenol	ND	10	µg/L							
2,4,6-Trichlorophenol	ND	10	µg/L							
Surrogate: 2-Fluorophenol	102		µg/L	200		50.8	15-110			
Surrogate: Phenol-d6	64.8		µg/L	200		32.4	15-110			
Surrogate: Nitrobenzene-d5	69.1		µg/L	100		69.1	30-130			
Surrogate: 2-Fluorobiphenyl	69.0		µg/L	100		69.0	30-130			
Surrogate: 2,4,6-Tribromophenol	174		µg/L	200		87.1	15-110			
Surrogate: Terphenyl-d14	76.9		µg/L	100		76.9	30-130			

LCS (B063111-BS1)

Prepared: 11/19/12 Analyzed: 11/20/12

Acenaphthene	42.0	5.0	µg/L	50.0		84.0	40-140			
Acenaphthylene	42.2	5.0	µg/L	50.0		84.4	40-140			
Acetophenone	39.6	10	µg/L	50.0		79.2	40-140			
Aniline	28.8	5.0	µg/L	50.0		57.5	40-140			
Anthracene	44.6	5.0	µg/L	50.0		89.1	40-140			
Benzidine	63.0	10	µg/L	50.0		126	40-140			R-05
Benzo(a)anthracene	45.9	5.0	µg/L	50.0		91.9	40-140			
Benzo(a)pyrene	46.2	5.0	µg/L	50.0		92.4	40-140			
Benzo(b)fluoranthene	44.7	5.0	µg/L	50.0		89.4	40-140			
Benzo(g,h,i)perylene	48.9	5.0	µg/L	50.0		97.7	40-140			
Benzo(k)fluoranthene	46.2	5.0	µg/L	50.0		92.3	40-140			R-05
Benzoic Acid	11.8	10	µg/L	50.0		23.5	10-130			V-06 †
Bis(2-chloroethoxy)methane	44.0	10	µg/L	50.0		87.9	40-140			
Bis(2-chloroethyl)ether	43.3	10	µg/L	50.0		86.6	40-140			
Bis(2-chloroisopropyl)ether	41.9	10	µg/L	50.0		83.7	40-140			
Bis(2-Ethylhexyl)phthalate	54.6	10	µg/L	50.0		109	40-140			
4-Bromophenylphenylether	41.8	10	µg/L	50.0		83.6	40-140			
Butylbenzylphthalate	50.1	10	µg/L	50.0		100	40-140			
Carbazole	49.7	10	µg/L	50.0		99.4	40-140			
4-Chloroaniline	40.8	10	µg/L	50.0		81.7	40-140			
4-Chloro-3-methylphenol	44.3	10	µg/L	50.0		88.6	30-130			
2-Chloronaphthalene	36.4	10	µg/L	50.0		72.8	40-140			

QUALITY CONTROL
Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B063111 - SW-846 3510C										
LCS (B063111-BS1)				Prepared: 11/19/12 Analyzed: 11/20/12						
2-Chlorophenol	37.7	10	µg/L	50.0		75.4	30-130			
4-Chlorophenylphenylether	44.8	10	µg/L	50.0		89.6	40-140			
Chrysene	45.0	5.0	µg/L	50.0		89.9	40-140			
Dibenz(a,h)anthracene	53.8	5.0	µg/L	50.0		108	40-140			V-06
Dibenzofuran	42.4	5.0	µg/L	50.0		84.8	40-140			
Di-n-butylphthalate	52.2	10	µg/L	50.0		104	40-140			
1,2-Dichlorobenzene	35.8	5.0	µg/L	50.0		71.7	40-140			
1,3-Dichlorobenzene	35.0	5.0	µg/L	50.0		69.9	40-140			
1,4-Dichlorobenzene	34.8	5.0	µg/L	50.0		69.7	40-140			
3,3-Dichlorobenzidine	54.2	10	µg/L	50.0		108	40-140			
2,4-Dichlorophenol	41.4	10	µg/L	50.0		82.7	30-130			
Diethylphthalate	47.3	10	µg/L	50.0		94.6	40-140			
2,4-Dimethylphenol	41.0	10	µg/L	50.0		82.1	30-130			R-05
Dimethylphthalate	45.1	10	µg/L	50.0		90.3	40-140			
4,6-Dinitro-2-methylphenol	41.5	10	µg/L	50.0		83.0	30-130			V-04
2,4-Dinitrophenol	35.6	10	µg/L	50.0		71.2	30-130			V-04
2,4-Dinitrotoluene	51.4	10	µg/L	50.0		103	40-140			
2,6-Dinitrotoluene	51.4	10	µg/L	50.0		103	40-140			
Di-n-octylphthalate	48.2	10	µg/L	50.0		96.4	40-140			
1,2-Diphenylhydrazine (as Azobenzene)	44.2	10	µg/L	50.0		88.3	40-140			
Fluoranthene	48.9	5.0	µg/L	50.0		97.7	40-140			
Fluorene	44.0	5.0	µg/L	50.0		88.1	40-140			
Hexachlorobenzene	43.1	10	µg/L	50.0		86.2	40-140			
Hexachlorobutadiene	34.5	10	µg/L	50.0		69.0	40-140			
Hexachlorocyclopentadiene	29.6	10	µg/L	50.0		59.2	30-140			†
Hexachloroethane	33.9	10	µg/L	50.0		67.8	40-140			
Indeno(1,2,3-cd)pyrene	51.9	5.0	µg/L	50.0		104	40-140			V-06
Isophorone	44.6	10	µg/L	50.0		89.3	40-140			
1-Methylnaphthalene	39.6	5.0	µg/L	50.0		79.1	40-140			
2-Methylnaphthalene	39.3	5.0	µg/L	50.0		78.6	40-140			
2-Methylphenol	36.0	10	µg/L	50.0		71.9	30-130			
3/4-Methylphenol	31.6	10	µg/L	50.0		63.1	30-130			
Naphthalene	38.4	5.0	µg/L	50.0		76.9	40-140			
2-Nitroaniline	50.9	10	µg/L	50.0		102	40-140			
3-Nitroaniline	47.8	10	µg/L	50.0		95.5	40-140			
4-Nitroaniline	44.8	10	µg/L	50.0		89.5	40-140			
Nitrobenzene	39.7	10	µg/L	50.0		79.3	40-140			
2-Nitrophenol	39.6	10	µg/L	50.0		79.2	30-130			
4-Nitrophenol	23.6	10	µg/L	50.0		47.3	10-130			†
N-Nitrosodimethylamine	22.5	5.0	µg/L	50.0		44.9	40-140			
N-Nitrosodiphenylamine	60.5	10	µg/L	50.0		121	40-140			
N-Nitrosodi-n-propylamine	42.8	10	µg/L	50.0		85.6	40-140			
Pentachloronitrobenzene	47.8	10	µg/L	50.0		95.6	40-140			V-16
Pentachlorophenol	45.1	10	µg/L	50.0		90.2	30-130			
Phenanthrene	44.0	5.0	µg/L	50.0		88.1	40-140			
Phenol	20.0	10	µg/L	50.0		40.1	20-130			†
Pyrene	51.9	5.0	µg/L	50.0		104	40-140			
Pyridine	16.1	5.0	µg/L	50.0		32.2	10-140			†
1,2,4,5-Tetrachlorobenzene	36.0	10	µg/L	50.0		72.0	40-140			
1,2,4-Trichlorobenzene	37.6	5.0	µg/L	50.0		75.2	40-140			
2,4,5-Trichlorophenol	46.1	10	µg/L	50.0		92.2	30-130			
2,4,6-Trichlorophenol	44.0	10	µg/L	50.0		87.9	30-130			

QUALITY CONTROL
Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B063111 - SW-846 3510C
LCS (B063111-BS1)

Prepared: 11/19/12 Analyzed: 11/20/12

Surrogate: 2-Fluorophenol	121		µg/L	200		60.5	15-110			
Surrogate: Phenol-d6	83.0		µg/L	200		41.5	15-110			
Surrogate: Nitrobenzene-d5	80.2		µg/L	100		80.2	30-130			
Surrogate: 2-Fluorobiphenyl	78.0		µg/L	100		78.0	30-130			
Surrogate: 2,4,6-Tribromophenol	238		µg/L	200		119	* 15-110			S-07
Surrogate: Terphenyl-d14	109		µg/L	100		109	30-130			

LCS Dup (B063111-BSD1)

Prepared: 11/19/12 Analyzed: 11/20/12

Acenaphthene	37.7	5.0	µg/L	50.0		75.3	40-140	10.9	20	
Acenaphthylene	37.3	5.0	µg/L	50.0		74.6	40-140	12.3	20	
Acetophenone	35.6	10	µg/L	50.0		71.2	40-140	10.7	20	
Aniline	27.6	5.0	µg/L	50.0		55.1	40-140	4.23	50	‡
Anthracene	39.1	5.0	µg/L	50.0		78.1	40-140	13.1	20	
Benzidine	47.5	10	µg/L	50.0		95.1	40-140	27.9	* 20	R-05
Benzo(a)anthracene	39.7	5.0	µg/L	50.0		79.3	40-140	14.7	20	
Benzo(a)pyrene	38.5	5.0	µg/L	50.0		77.1	40-140	18.1	20	
Benzo(b)fluoranthene	38.3	5.0	µg/L	50.0		76.5	40-140	15.5	20	
Benzo(g,h,i)perylene	48.0	5.0	µg/L	50.0		95.9	40-140	1.86	20	
Benzo(k)fluoranthene	37.4	5.0	µg/L	50.0		74.7	40-140	21.0	* 20	R-05
Benzoic Acid	11.6	10	µg/L	50.0		23.2	10-130	1.28	50	V-06 † ‡
Bis(2-chloroethoxy)methane	40.9	10	µg/L	50.0		81.9	40-140	7.14	20	
Bis(2-chloroethyl)ether	38.5	10	µg/L	50.0		77.1	40-140	11.7	20	
Bis(2-chloroisopropyl)ether	37.2	10	µg/L	50.0		74.4	40-140	11.8	20	
Bis(2-Ethylhexyl)phthalate	48.9	10	µg/L	50.0		97.8	40-140	11.0	20	
4-Bromophenylphenylether	39.2	10	µg/L	50.0		78.3	40-140	6.52	20	
Butylbenzylphthalate	45.1	10	µg/L	50.0		90.1	40-140	10.6	20	
Carbazole	41.6	10	µg/L	50.0		83.1	40-140	17.9	20	
4-Chloroaniline	37.4	10	µg/L	50.0		74.7	40-140	8.87	20	
4-Chloro-3-methylphenol	38.1	10	µg/L	50.0		76.2	30-130	15.0	20	
2-Chloronaphthalene	32.7	10	µg/L	50.0		65.3	40-140	10.8	20	
2-Chlorophenol	34.4	10	µg/L	50.0		68.8	30-130	9.21	20	
4-Chlorophenylphenylether	39.4	10	µg/L	50.0		78.9	40-140	12.7	20	
Chrysene	38.7	5.0	µg/L	50.0		77.4	40-140	15.0	20	
Dibenz(a,h)anthracene	52.7	5.0	µg/L	50.0		105	40-140	2.12	20	V-06
Dibenzofuran	37.3	5.0	µg/L	50.0		74.5	40-140	12.9	20	
Di-n-butylphthalate	44.6	10	µg/L	50.0		89.1	40-140	15.8	20	
1,2-Dichlorobenzene	32.1	5.0	µg/L	50.0		64.2	40-140	11.0	20	
1,3-Dichlorobenzene	31.3	5.0	µg/L	50.0		62.6	40-140	11.1	20	
1,4-Dichlorobenzene	31.3	5.0	µg/L	50.0		62.6	40-140	10.7	20	
3,3-Dichlorobenzidine	47.2	10	µg/L	50.0		94.4	40-140	13.8	20	
2,4-Dichlorophenol	36.2	10	µg/L	50.0		72.4	30-130	13.3	20	
Diethylphthalate	40.5	10	µg/L	50.0		81.1	40-140	15.4	20	
2,4-Dimethylphenol	30.0	10	µg/L	50.0		59.9	30-130	31.2	* 20	R-05
Dimethylphthalate	40.3	10	µg/L	50.0		80.6	40-140	11.4	50	‡
4,6-Dinitro-2-methylphenol	37.6	10	µg/L	50.0		75.2	30-130	9.86	50	V-04 ‡
2,4-Dinitrophenol	34.5	10	µg/L	50.0		69.1	30-130	2.97	50	V-04 ‡
2,4-Dinitrotoluene	42.9	10	µg/L	50.0		85.8	40-140	18.0	20	
2,6-Dinitrotoluene	44.0	10	µg/L	50.0		88.1	40-140	15.3	20	
Di-n-octylphthalate	41.4	10	µg/L	50.0		82.8	40-140	15.3	20	
1,2-Diphenylhydrazine (as Azobenzene)	40.6	10	µg/L	50.0		81.3	40-140	8.35	20	
Fluoranthene	41.1	5.0	µg/L	50.0		82.2	40-140	17.3	20	
Fluorene	38.1	5.0	µg/L	50.0		76.1	40-140	14.6	20	

QUALITY CONTROL
Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B063111 - SW-846 3510C
LCS Dup (B063111-BSD1)

Prepared: 11/19/12 Analyzed: 11/20/12

Hexachlorobenzene	39.2	10	µg/L	50.0		78.5	40-140	9.45	20	
Hexachlorobutadiene	30.9	10	µg/L	50.0		61.7	40-140	11.1	20	
Hexachlorocyclopentadiene	29.3	10	µg/L	50.0		58.7	30-140	0.849	50	† ‡
Hexachloroethane	30.3	10	µg/L	50.0		60.7	40-140	11.1	50	‡
Indeno(1,2,3-cd)pyrene	50.7	5.0	µg/L	50.0		101	40-140	2.30	50	V-06 ‡
Isophorone	40.8	10	µg/L	50.0		81.6	40-140	8.99	20	
1-Methylnaphthalene	34.8	5.0	µg/L	50.0		69.6	40-140	12.8	20	
2-Methylnaphthalene	34.6	5.0	µg/L	50.0		69.1	40-140	12.9	20	
2-Methylphenol	33.3	10	µg/L	50.0		66.6	30-130	7.68	20	
3/4-Methylphenol	28.6	10	µg/L	50.0		57.3	30-130	9.77	20	
Naphthalene	34.3	5.0	µg/L	50.0		68.5	40-140	11.5	20	
2-Nitroaniline	44.9	10	µg/L	50.0		89.9	40-140	12.5	20	
3-Nitroaniline	42.0	10	µg/L	50.0		84.0	40-140	12.9	20	
4-Nitroaniline	36.7	10	µg/L	50.0		73.3	40-140	19.8	20	
Nitrobenzene	36.0	10	µg/L	50.0		72.1	40-140	9.59	20	
2-Nitrophenol	36.8	10	µg/L	50.0		73.5	30-130	7.46	20	
4-Nitrophenol	21.0	10	µg/L	50.0		42.1	10-130	11.6	50	† ‡
N-Nitrosodimethylamine	20.6	5.0	µg/L	50.0		41.2	40-140	8.74	20	
N-Nitrosodiphenylamine	55.3	10	µg/L	50.0		111	40-140	9.08	20	
N-Nitrosodi-n-propylamine	38.7	10	µg/L	50.0		77.4	40-140	10.0	20	
Pentachloronitrobenzene	40.7	10	µg/L	50.0		81.4	40-140	16.0	20	V-16
Pentachlorophenol	37.2	10	µg/L	50.0		74.5	30-130	19.1	50	‡
Phenanthrene	38.5	5.0	µg/L	50.0		77.0	40-140	13.3	20	
Phenol	17.9	10	µg/L	50.0		35.9	20-130	11.1	20	†
Pyrene	43.6	5.0	µg/L	50.0		87.2	40-140	17.4	20	
Pyridine	15.3	5.0	µg/L	50.0		30.6	10-140	5.28	50	† ‡
1,2,4,5-Tetrachlorobenzene	33.4	10	µg/L	50.0		66.8	40-140	7.49	20	
1,2,4-Trichlorobenzene	33.8	5.0	µg/L	50.0		67.7	40-140	10.6	20	
2,4,5-Trichlorophenol	40.3	10	µg/L	50.0		80.6	30-130	13.5	20	
2,4,6-Trichlorophenol	39.1	10	µg/L	50.0		78.3	30-130	11.6	50	‡
Surrogate: 2-Fluorophenol	108		µg/L	200		54.1	15-110			
Surrogate: Phenol-d6	72.2		µg/L	200		36.1	15-110			
Surrogate: Nitrobenzene-d5	70.9		µg/L	100		70.9	30-130			
Surrogate: 2-Fluorobiphenyl	70.6		µg/L	100		70.6	30-130			
Surrogate: 2,4,6-Tribromophenol	193		µg/L	200		96.4	15-110			
Surrogate: Terphenyl-d14	92.2		µg/L	100		92.2	30-130			

Batch B063264 - SW-846 3546
Blank (B063264-BLK1)

Prepared: 11/20/12 Analyzed: 11/21/12

Acenaphthene	ND	0.17	mg/Kg wet							
Acenaphthylene	ND	0.17	mg/Kg wet							
Acetophenone	ND	0.34	mg/Kg wet							
Aniline	ND	0.34	mg/Kg wet							
Anthracene	ND	0.17	mg/Kg wet							
Benzydine	ND	0.34	mg/Kg wet							V-05
Benzo(a)anthracene	ND	0.17	mg/Kg wet							
Benzo(a)pyrene	ND	0.17	mg/Kg wet							
Benzo(b)fluoranthene	ND	0.17	mg/Kg wet							
Benzo(g,h,i)perylene	ND	0.17	mg/Kg wet							V-06
Benzo(k)fluoranthene	ND	0.17	mg/Kg wet							
Benzoic Acid	ND	1.0	mg/Kg wet							L-04
Bis(2-chloroethoxy)methane	ND	0.34	mg/Kg wet							

QUALITY CONTROL
Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B063264 - SW-846 3546
Blank (B063264-BLK1)

Prepared: 11/20/12 Analyzed: 11/21/12

Bis(2-chloroethyl)ether	ND	0.34	mg/Kg wet							
Bis(2-chloroisopropyl)ether	ND	0.34	mg/Kg wet							
Bis(2-Ethylhexyl)phthalate	ND	0.34	mg/Kg wet							
4-Bromophenylphenylether	ND	0.34	mg/Kg wet							
Butylbenzylphthalate	ND	0.66	mg/Kg wet							
Carbazole	ND	0.17	mg/Kg wet							
4-Chloroaniline	ND	0.66	mg/Kg wet							
4-Chloro-3-methylphenol	ND	0.66	mg/Kg wet							
2-Chloronaphthalene	ND	0.34	mg/Kg wet							
2-Chlorophenol	ND	0.34	mg/Kg wet							
4-Chlorophenylphenylether	ND	0.34	mg/Kg wet							
Chrysene	ND	0.17	mg/Kg wet							
Dibenz(a,h)anthracene	ND	0.17	mg/Kg wet							
Dibenzofuran	ND	0.34	mg/Kg wet							
Di-n-butylphthalate	ND	0.34	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.34	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.34	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.34	mg/Kg wet							
3,3-Dichlorobenzidine	ND	0.17	mg/Kg wet							
2,4-Dichlorophenol	ND	0.34	mg/Kg wet							
Diethylphthalate	ND	0.34	mg/Kg wet							
2,4-Dimethylphenol	ND	0.34	mg/Kg wet							
Dimethylphthalate	ND	0.66	mg/Kg wet							
4,6-Dinitro-2-methylphenol	ND	0.34	mg/Kg wet							
2,4-Dinitrophenol	ND	0.66	mg/Kg wet							V-19
2,4-Dinitrotoluene	ND	0.34	mg/Kg wet							
2,6-Dinitrotoluene	ND	0.34	mg/Kg wet							
Di-n-octylphthalate	ND	0.66	mg/Kg wet							
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.34	mg/Kg wet							
Fluoranthene	ND	0.17	mg/Kg wet							
Fluorene	ND	0.17	mg/Kg wet							
Hexachlorobenzene	ND	0.34	mg/Kg wet							
Hexachlorobutadiene	ND	0.34	mg/Kg wet							
Hexachlorocyclopentadiene	ND	0.66	mg/Kg wet							V-05
Hexachloroethane	ND	0.34	mg/Kg wet							
Indeno(1,2,3-cd)pyrene	ND	0.17	mg/Kg wet							
Isophorone	ND	0.34	mg/Kg wet							
1-Methylnaphthalene	ND	0.17	mg/Kg wet							
2-Methylnaphthalene	ND	0.17	mg/Kg wet							
2-Methylphenol	ND	0.34	mg/Kg wet							
3/4-Methylphenol	ND	0.34	mg/Kg wet							
Naphthalene	ND	0.17	mg/Kg wet							
2-Nitroaniline	ND	0.34	mg/Kg wet							
3-Nitroaniline	ND	0.34	mg/Kg wet							
4-Nitroaniline	ND	0.34	mg/Kg wet							
Nitrobenzene	ND	0.34	mg/Kg wet							
2-Nitrophenol	ND	0.34	mg/Kg wet							
4-Nitrophenol	ND	0.66	mg/Kg wet							
N-Nitrosodimethylamine	ND	0.34	mg/Kg wet							
N-Nitrosodiphenylamine	ND	0.34	mg/Kg wet							
N-Nitrosodi-n-propylamine	ND	0.34	mg/Kg wet							
Pentachloronitrobenzene	ND	0.34	mg/Kg wet							V-16

QUALITY CONTROL
Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B063264 - SW-846 3546										
Blank (B063264-BLK1)				Prepared: 11/20/12 Analyzed: 11/21/12						
Pentachlorophenol	ND	0.34	mg/Kg wet							
Phenanthrene	ND	0.17	mg/Kg wet							
Phenol	ND	0.34	mg/Kg wet							
Pyrene	ND	0.17	mg/Kg wet							
Pyridine	ND	0.34	mg/Kg wet							V-05
1,2,4,5-Tetrachlorobenzene	ND	0.34	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.34	mg/Kg wet							
2,4,5-Trichlorophenol	ND	0.34	mg/Kg wet							
2,4,6-Trichlorophenol	ND	0.34	mg/Kg wet							
Surrogate: 2-Fluorophenol	5.62		mg/Kg wet	6.67		84.3	30-130			
Surrogate: Phenol-d6	5.77		mg/Kg wet	6.67		86.5	30-130			
Surrogate: Nitrobenzene-d5	2.92		mg/Kg wet	3.33		87.7	30-130			
Surrogate: 2-Fluorobiphenyl	2.57		mg/Kg wet	3.33		77.0	30-130			
Surrogate: 2,4,6-Tribromophenol	6.93		mg/Kg wet	6.67		104	30-130			
Surrogate: Terphenyl-d14	2.87		mg/Kg wet	3.33		86.1	30-130			
LCS (B063264-BS1)				Prepared: 11/20/12 Analyzed: 11/21/12						
Acenaphthene	1.30	0.17	mg/Kg wet	1.67		77.7	40-140			
Acenaphthylene	1.29	0.17	mg/Kg wet	1.67		77.7	40-140			
Acetophenone	1.24	0.34	mg/Kg wet	1.67		74.5	40-140			
Aniline	0.784	0.34	mg/Kg wet	1.67		47.0	10-140			†
Anthracene	1.32	0.17	mg/Kg wet	1.67		79.2	40-140			
Benidine	0.694	0.34	mg/Kg wet	1.67		41.6	40-140			V-05
Benzo(a)anthracene	1.35	0.17	mg/Kg wet	1.67		81.3	40-140			
Benzo(a)pyrene	1.36	0.17	mg/Kg wet	1.67		81.8	40-140			
Benzo(b)fluoranthene	1.35	0.17	mg/Kg wet	1.67		80.8	40-140			
Benzo(g,h,i)perylene	1.47	0.17	mg/Kg wet	1.67		88.3	40-140			V-06
Benzo(k)fluoranthene	1.25	0.17	mg/Kg wet	1.67		74.8	40-140			
Benzoic Acid	ND	1.0	mg/Kg wet	1.67		*	30-130			L-04
Bis(2-chloroethoxy)methane	1.36	0.34	mg/Kg wet	1.67		81.9	40-140			
Bis(2-chloroethyl)ether	1.24	0.34	mg/Kg wet	1.67		74.4	40-140			
Bis(2-chloroisopropyl)ether	1.42	0.34	mg/Kg wet	1.67		85.5	40-140			
Bis(2-Ethylhexyl)phthalate	1.33	0.34	mg/Kg wet	1.67		79.8	40-140			
4-Bromophenylphenylether	1.43	0.34	mg/Kg wet	1.67		85.5	40-140			
Butylbenzylphthalate	1.34	0.66	mg/Kg wet	1.67		80.3	40-140			
Carbazole	1.28	0.17	mg/Kg wet	1.67		77.1	40-140			
4-Chloroaniline	0.916	0.66	mg/Kg wet	1.67		55.0	10-140			†
4-Chloro-3-methylphenol	1.61	0.66	mg/Kg wet	1.67		96.7	30-130			
2-Chloronaphthalene	1.20	0.34	mg/Kg wet	1.67		71.7	40-140			
2-Chlorophenol	1.25	0.34	mg/Kg wet	1.67		74.7	30-130			
4-Chlorophenylphenylether	1.50	0.34	mg/Kg wet	1.67		90.1	40-140			
Chrysene	1.27	0.17	mg/Kg wet	1.67		76.2	40-140			
Dibenz(a,h)anthracene	1.47	0.17	mg/Kg wet	1.67		88.3	40-140			
Dibenzofuran	1.36	0.34	mg/Kg wet	1.67		81.7	40-140			
Di-n-butylphthalate	1.32	0.34	mg/Kg wet	1.67		79.1	40-140			
1,2-Dichlorobenzene	1.17	0.34	mg/Kg wet	1.67		70.3	40-140			
1,3-Dichlorobenzene	1.18	0.34	mg/Kg wet	1.67		70.5	40-140			
1,4-Dichlorobenzene	1.15	0.34	mg/Kg wet	1.67		69.3	40-140			
3,3-Dichlorobenzidine	0.968	0.17	mg/Kg wet	1.67		58.1	20-140			†
2,4-Dichlorophenol	1.37	0.34	mg/Kg wet	1.67		82.3	30-130			
Diethylphthalate	1.51	0.34	mg/Kg wet	1.67		90.4	40-140			
2,4-Dimethylphenol	1.34	0.34	mg/Kg wet	1.67		80.7	30-130			

QUALITY CONTROL
Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B063264 - SW-846 3546										
LCS (B063264-BS1)				Prepared: 11/20/12 Analyzed: 11/21/12						
Dimethylphthalate	1.46	0.66	mg/Kg wet	1.67		87.8	40-140			
4,6-Dinitro-2-methylphenol	1.07	0.34	mg/Kg wet	1.67		64.4	30-130			
2,4-Dinitrophenol	0.814	0.66	mg/Kg wet	1.67		48.8	30-130			V-19
2,4-Dinitrotoluene	1.58	0.34	mg/Kg wet	1.67		94.8	40-140			
2,6-Dinitrotoluene	1.53	0.34	mg/Kg wet	1.67		92.0	40-140			
Di-n-octylphthalate	1.26	0.66	mg/Kg wet	1.67		75.9	40-140			
1,2-Diphenylhydrazine (as Azobenzene)	1.32	0.34	mg/Kg wet	1.67		79.2	40-140			
Fluoranthene	1.25	0.17	mg/Kg wet	1.67		74.9	40-140			
Fluorene	1.41	0.17	mg/Kg wet	1.67		84.5	40-140			
Hexachlorobenzene	1.40	0.34	mg/Kg wet	1.67		84.2	40-140			
Hexachlorobutadiene	1.43	0.34	mg/Kg wet	1.67		85.9	40-140			
Hexachlorocyclopentadiene	1.08	0.66	mg/Kg wet	1.67		65.1	40-140			V-05
Hexachloroethane	1.21	0.34	mg/Kg wet	1.67		72.7	40-140			
Indeno(1,2,3-cd)pyrene	1.47	0.17	mg/Kg wet	1.67		88.1	40-140			
Isophorone	1.40	0.34	mg/Kg wet	1.67		84.2	40-140			
1-Methylnaphthalene	1.37	0.17	mg/Kg wet	1.67		81.9	40-140			
2-Methylnaphthalene	1.35	0.17	mg/Kg wet	1.67		81.2	40-140			
2-Methylphenol	1.33	0.34	mg/Kg wet	1.67		79.7	30-130			
3/4-Methylphenol	1.31	0.34	mg/Kg wet	1.67		78.5	30-130			
Naphthalene	1.21	0.17	mg/Kg wet	1.67		72.8	40-140			
2-Nitroaniline	1.49	0.34	mg/Kg wet	1.67		89.4	40-140			
3-Nitroaniline	1.27	0.34	mg/Kg wet	1.67		76.4	30-140			†
4-Nitroaniline	1.21	0.34	mg/Kg wet	1.67		72.6	40-140			
Nitrobenzene	1.26	0.34	mg/Kg wet	1.67		75.7	40-140			
2-Nitrophenol	1.29	0.34	mg/Kg wet	1.67		77.6	30-130			
4-Nitrophenol	1.36	0.66	mg/Kg wet	1.67		81.9	30-130			
N-Nitrosodimethylamine	1.06	0.34	mg/Kg wet	1.67		63.9	40-140			
N-Nitrosodiphenylamine	1.79	0.34	mg/Kg wet	1.67		107	40-140			
N-Nitrosodi-n-propylamine	1.29	0.34	mg/Kg wet	1.67		77.4	40-140			
Pentachloronitrobenzene	1.46	0.34	mg/Kg wet	1.67		87.5	40-140			V-16
Pentachlorophenol	0.728	0.34	mg/Kg wet	1.67		43.7	30-130			
Phenanthrene	1.31	0.17	mg/Kg wet	1.67		78.3	40-140			
Phenol	1.15	0.34	mg/Kg wet	1.67		69.1	30-130			
Pyrene	1.33	0.17	mg/Kg wet	1.67		80.0	40-140			
Pyridine	0.755	0.34	mg/Kg wet	1.67		45.3	30-140			V-05 †
1,2,4,5-Tetrachlorobenzene	1.23	0.34	mg/Kg wet	1.67		74.0	40-140			
1,2,4-Trichlorobenzene	1.34	0.34	mg/Kg wet	1.67		80.5	40-140			
2,4,5-Trichlorophenol	1.29	0.34	mg/Kg wet	1.67		77.7	30-130			
2,4,6-Trichlorophenol	1.37	0.34	mg/Kg wet	1.67		82.4	30-130			
Surrogate: 2-Fluorophenol	5.80		mg/Kg wet	6.67		87.0	30-130			
Surrogate: Phenol-d6	6.02		mg/Kg wet	6.67		90.2	30-130			
Surrogate: Nitrobenzene-d5	2.92		mg/Kg wet	3.33		87.5	30-130			
Surrogate: 2-Fluorobiphenyl	2.68		mg/Kg wet	3.33		80.4	30-130			
Surrogate: 2,4,6-Tribromophenol	7.45		mg/Kg wet	6.67		112	30-130			
Surrogate: Terphenyl-d14	3.05		mg/Kg wet	3.33		91.4	30-130			

QUALITY CONTROL
Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B063264 - SW-846 3546										
LCS Dup (B063264-BSD1)				Prepared: 11/20/12 Analyzed: 11/21/12						
Acenaphthene	1.30	0.17	mg/Kg wet	1.67		77.8	40-140	0.128	30	
Acenaphthylene	1.29	0.17	mg/Kg wet	1.67		77.1	40-140	0.698	30	
Acetophenone	1.28	0.34	mg/Kg wet	1.67		76.5	40-140	2.65	30	
Aniline	0.800	0.34	mg/Kg wet	1.67		48.0	10-140	1.98	50	† ‡
Anthracene	1.34	0.17	mg/Kg wet	1.67		80.3	40-140	1.48	30	
Benzidine	0.617	0.34	mg/Kg wet	1.67		37.0	* 40-140	11.6	30	L-07, V-05
Benzo(a)anthracene	1.34	0.17	mg/Kg wet	1.67		80.3	40-140	1.26	30	
Benzo(a)pyrene	1.33	0.17	mg/Kg wet	1.67		79.8	40-140	2.50	30	
Benzo(b)fluoranthene	1.26	0.17	mg/Kg wet	1.67		75.5	40-140	6.76	30	
Benzo(g,h,i)perylene	1.60	0.17	mg/Kg wet	1.67		95.9	40-140	8.23	30	V-06
Benzo(k)fluoranthene	1.22	0.17	mg/Kg wet	1.67		73.2	40-140	2.14	30	
Benzoic Acid	ND	1.0	mg/Kg wet	1.67		*	30-130	NC	50	L-04 ‡
Bis(2-chloroethoxy)methane	1.41	0.34	mg/Kg wet	1.67		84.8	40-140	3.48	30	
Bis(2-chloroethyl)ether	1.26	0.34	mg/Kg wet	1.67		75.4	40-140	1.36	30	
Bis(2-chloroisopropyl)ether	1.47	0.34	mg/Kg wet	1.67		88.4	40-140	3.34	30	
Bis(2-Ethylhexyl)phthalate	1.27	0.34	mg/Kg wet	1.67		76.3	40-140	4.53	30	
4-Bromophenylphenylether	1.40	0.34	mg/Kg wet	1.67		84.0	40-140	1.77	30	
Butylbenzylphthalate	1.30	0.66	mg/Kg wet	1.67		78.0	40-140	2.93	30	
Carbazole	1.32	0.17	mg/Kg wet	1.67		79.1	40-140	2.51	30	
4-Chloroaniline	0.920	0.66	mg/Kg wet	1.67		55.2	10-140	0.436	30	†
4-Chloro-3-methylphenol	1.59	0.66	mg/Kg wet	1.67		95.2	30-130	1.58	30	
2-Chloronaphthalene	1.16	0.34	mg/Kg wet	1.67		69.4	40-140	3.32	30	
2-Chlorophenol	1.28	0.34	mg/Kg wet	1.67		76.6	30-130	2.41	30	
4-Chlorophenylphenylether	1.45	0.34	mg/Kg wet	1.67		86.9	40-140	3.64	30	
Chrysene	1.28	0.17	mg/Kg wet	1.67		76.9	40-140	0.915	30	
Dibenz(a,h)anthracene	1.55	0.17	mg/Kg wet	1.67		93.3	40-140	5.49	30	
Dibenzofuran	1.38	0.34	mg/Kg wet	1.67		82.7	40-140	1.19	30	
Di-n-butylphthalate	1.30	0.34	mg/Kg wet	1.67		78.1	40-140	1.20	30	
1,2-Dichlorobenzene	1.15	0.34	mg/Kg wet	1.67		69.1	40-140	1.66	30	
1,3-Dichlorobenzene	1.17	0.34	mg/Kg wet	1.67		70.4	40-140	0.170	30	
1,4-Dichlorobenzene	1.14	0.34	mg/Kg wet	1.67		68.5	40-140	1.13	30	
3,3-Dichlorobenzidine	0.927	0.17	mg/Kg wet	1.67		55.6	20-140	4.29	50	† ‡
2,4-Dichlorophenol	1.38	0.34	mg/Kg wet	1.67		83.0	30-130	0.847	30	
Diethylphthalate	1.42	0.34	mg/Kg wet	1.67		85.3	40-140	5.83	30	
2,4-Dimethylphenol	1.41	0.34	mg/Kg wet	1.67		84.4	30-130	4.48	30	
Dimethylphthalate	1.41	0.66	mg/Kg wet	1.67		84.3	40-140	4.02	30	
4,6-Dinitro-2-methylphenol	1.08	0.34	mg/Kg wet	1.67		64.8	30-130	0.650	30	
2,4-Dinitrophenol	0.777	0.66	mg/Kg wet	1.67		46.6	30-130	4.65	30	V-19
2,4-Dinitrotoluene	1.47	0.34	mg/Kg wet	1.67		88.0	40-140	7.42	30	
2,6-Dinitrotoluene	1.49	0.34	mg/Kg wet	1.67		89.5	40-140	2.76	30	
Di-n-octylphthalate	1.12	0.66	mg/Kg wet	1.67		67.1	40-140	12.3	30	
1,2-Diphenylhydrazine (as Azobenzene)	1.36	0.34	mg/Kg wet	1.67		81.7	40-140	3.16	30	
Fluoranthene	1.26	0.17	mg/Kg wet	1.67		75.3	40-140	0.612	30	
Fluorene	1.38	0.17	mg/Kg wet	1.67		83.0	40-140	1.79	30	
Hexachlorobenzene	1.41	0.34	mg/Kg wet	1.67		84.8	40-140	0.663	30	
Hexachlorobutadiene	1.44	0.34	mg/Kg wet	1.67		86.3	40-140	0.488	30	
Hexachlorocyclopentadiene	1.10	0.66	mg/Kg wet	1.67		66.0	40-140	1.37	30	V-05
Hexachloroethane	1.24	0.34	mg/Kg wet	1.67		74.6	40-140	2.47	30	
Indeno(1,2,3-cd)pyrene	1.57	0.17	mg/Kg wet	1.67		94.0	40-140	6.50	30	
Isophorone	1.49	0.34	mg/Kg wet	1.67		89.7	40-140	6.33	30	
1-Methylnaphthalene	1.41	0.17	mg/Kg wet	1.67		84.7	40-140	3.38	30	
2-Methylnaphthalene	1.37	0.17	mg/Kg wet	1.67		82.2	40-140	1.27	30	

QUALITY CONTROL
Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B063264 - SW-846 3546										
LCS Dup (B063264-BSD1)					Prepared: 11/20/12 Analyzed: 11/21/12					
2-Methylphenol	1.42	0.34	mg/Kg wet	1.67		85.5	30-130	6.95	30	
3/4-Methylphenol	1.37	0.34	mg/Kg wet	1.67		82.3	30-130	4.65	30	
Naphthalene	1.24	0.17	mg/Kg wet	1.67		74.7	40-140	2.52	30	
2-Nitroaniline	1.45	0.34	mg/Kg wet	1.67		87.3	40-140	2.36	30	
3-Nitroaniline	1.22	0.34	mg/Kg wet	1.67		73.2	30-140	4.39	30	†
4-Nitroaniline	1.15	0.34	mg/Kg wet	1.67		68.8	40-140	5.34	30	
Nitrobenzene	1.35	0.34	mg/Kg wet	1.67		80.9	40-140	6.59	30	
2-Nitrophenol	1.40	0.34	mg/Kg wet	1.67		83.8	30-130	7.73	30	
4-Nitrophenol	1.34	0.66	mg/Kg wet	1.67		80.2	30-130	2.05	50	‡
N-Nitrosodimethylamine	1.15	0.34	mg/Kg wet	1.67		68.9	40-140	7.50	30	
N-Nitrosodiphenylamine	1.85	0.34	mg/Kg wet	1.67		111	40-140	3.70	30	
N-Nitrosodi-n-propylamine	1.30	0.34	mg/Kg wet	1.67		78.1	40-140	0.926	30	
Pentachloronitrobenzene	1.50	0.34	mg/Kg wet	1.67		90.1	40-140	2.86	30	V-16
Pentachlorophenol	0.643	0.34	mg/Kg wet	1.67		38.6	30-130	12.5	30	
Phenanthrene	1.32	0.17	mg/Kg wet	1.67		79.5	40-140	1.47	30	
Phenol	1.22	0.34	mg/Kg wet	1.67		73.1	30-130	5.68	30	
Pyrene	1.31	0.17	mg/Kg wet	1.67		78.8	40-140	1.46	30	
Pyridine	0.803	0.34	mg/Kg wet	1.67		48.2	30-140	6.12	30	V-05 †
1,2,4,5-Tetrachlorobenzene	1.23	0.34	mg/Kg wet	1.67		73.9	40-140	0.108	30	
1,2,4-Trichlorobenzene	1.33	0.34	mg/Kg wet	1.67		80.1	40-140	0.548	30	
2,4,5-Trichlorophenol	1.29	0.34	mg/Kg wet	1.67		77.6	30-130	0.0773	30	
2,4,6-Trichlorophenol	1.35	0.34	mg/Kg wet	1.67		81.1	30-130	1.64	30	
Surrogate: 2-Fluorophenol	5.94		mg/Kg wet	6.67		89.1	30-130			
Surrogate: Phenol-d6	6.28		mg/Kg wet	6.67		94.2	30-130			
Surrogate: Nitrobenzene-d5	2.95		mg/Kg wet	3.33		88.5	30-130			
Surrogate: 2-Fluorobiphenyl	2.66		mg/Kg wet	3.33		79.9	30-130			
Surrogate: 2,4,6-Tribromophenol	7.00		mg/Kg wet	6.67		105	30-130			
Surrogate: Terphenyl-d14	2.97		mg/Kg wet	3.33		89.1	30-130			

QUALITY CONTROL
Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B063137 - SW-846 3546
Blank (B063137-BLK1)

Prepared: 11/19/12 Analyzed: 11/20/12

alpha-Chlordane	ND	0.0050	mg/Kg wet							
alpha-Chlordane [2C]	ND	0.0050	mg/Kg wet							
gamma-Chlordane	ND	0.0050	mg/Kg wet							
gamma-Chlordane [2C]	ND	0.0050	mg/Kg wet							
Alachlor	ND	0.020	mg/Kg wet							
Alachlor [2C]	ND	0.020	mg/Kg wet							
Aldrin	ND	0.0020	mg/Kg wet							
Aldrin [2C]	ND	0.0020	mg/Kg wet							
alpha-BHC	ND	0.0050	mg/Kg wet							
alpha-BHC [2C]	ND	0.0050	mg/Kg wet							
beta-BHC	ND	0.0050	mg/Kg wet							
beta-BHC [2C]	ND	0.0050	mg/Kg wet							
delta-BHC	ND	0.0050	mg/Kg wet							
delta-BHC [2C]	ND	0.0050	mg/Kg wet							
gamma-BHC (Lindane)	ND	0.0020	mg/Kg wet							
gamma-BHC (Lindane) [2C]	ND	0.0020	mg/Kg wet							
Chlordane	ND	0.020	mg/Kg wet							
Chlordane [2C]	ND	0.020	mg/Kg wet							
4,4'-DDD	ND	0.0010	mg/Kg wet							
4,4'-DDD [2C]	ND	0.0010	mg/Kg wet							
4,4'-DDE	ND	0.0010	mg/Kg wet							
4,4'-DDE [2C]	ND	0.0010	mg/Kg wet							
4,4'-DDT	ND	0.0010	mg/Kg wet							
4,4'-DDT [2C]	ND	0.0010	mg/Kg wet							
Dieldrin	ND	0.0020	mg/Kg wet							
Dieldrin [2C]	ND	0.0020	mg/Kg wet							
Endosulfan I	ND	0.0050	mg/Kg wet							
Endosulfan I [2C]	ND	0.0050	mg/Kg wet							
Endosulfan II	ND	0.0080	mg/Kg wet							
Endosulfan II [2C]	ND	0.0080	mg/Kg wet							
Endosulfan Sulfate	ND	0.0080	mg/Kg wet							
Endosulfan Sulfate [2C]	ND	0.0080	mg/Kg wet							
Endrin	ND	0.0080	mg/Kg wet							
Endrin [2C]	ND	0.0080	mg/Kg wet							
Endrin Aldehyde	ND	0.0080	mg/Kg wet							
Endrin Aldehyde [2C]	ND	0.0080	mg/Kg wet							
Endrin Ketone	ND	0.0080	mg/Kg wet							
Endrin Ketone [2C]	ND	0.0080	mg/Kg wet							
Heptachlor	ND	0.0050	mg/Kg wet							
Heptachlor [2C]	ND	0.0050	mg/Kg wet							
Heptachlor Epoxide	ND	0.0050	mg/Kg wet							
Heptachlor Epoxide [2C]	ND	0.0050	mg/Kg wet							
Hexachlorobenzene	ND	0.0060	mg/Kg wet							
Hexachlorobenzene [2C]	ND	0.0060	mg/Kg wet							
Methoxychlor	ND	0.050	mg/Kg wet							
Methoxychlor [2C]	ND	0.050	mg/Kg wet							
Toxaphene	ND	0.10	mg/Kg wet							
Toxaphene [2C]	ND	0.10	mg/Kg wet							
Surrogate: Decachlorobiphenyl	0.200		mg/Kg wet	0.200		100	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.181		mg/Kg wet	0.200		90.3	30-150			
Surrogate: Tetrachloro-m-xylene	0.192		mg/Kg wet	0.200		95.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.187		mg/Kg wet	0.200		93.6	30-150			

QUALITY CONTROL
Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B063137 - SW-846 3546										
LCS (B063137-BS1)				Prepared: 11/19/12 Analyzed: 11/20/12						
Alachlor	0.022	0.020	mg/Kg wet	0.0200		108	40-140			
Alachlor [2C]	0.021	0.020	mg/Kg wet	0.0200		104	40-140			
Aldrin	0.022	0.0020	mg/Kg wet	0.0200		110	40-140			
Aldrin [2C]	0.022	0.0020	mg/Kg wet	0.0200		108	40-140			
alpha-BHC	0.022	0.0050	mg/Kg wet	0.0200		112	40-140			
alpha-BHC [2C]	0.022	0.0050	mg/Kg wet	0.0200		108	40-140			
beta-BHC	0.022	0.0050	mg/Kg wet	0.0200		111	40-140			
beta-BHC [2C]	0.021	0.0050	mg/Kg wet	0.0200		105	40-140			
delta-BHC	0.021	0.0050	mg/Kg wet	0.0200		107	40-140			
delta-BHC [2C]	0.022	0.0050	mg/Kg wet	0.0200		108	40-140			
gamma-BHC (Lindane)	0.021	0.0020	mg/Kg wet	0.0200		105	40-140			
gamma-BHC (Lindane) [2C]	0.021	0.0020	mg/Kg wet	0.0200		107	40-140			
4,4'-DDD	0.023	0.0010	mg/Kg wet	0.0200		114	40-140			
4,4'-DDD [2C]	0.021	0.0010	mg/Kg wet	0.0200		106	40-140			
4,4'-DDE	0.022	0.0010	mg/Kg wet	0.0200		111	40-140			
4,4'-DDE [2C]	0.021	0.0010	mg/Kg wet	0.0200		105	40-140			
4,4'-DDT	0.022	0.0010	mg/Kg wet	0.0200		112	40-140			
4,4'-DDT [2C]	0.020	0.0010	mg/Kg wet	0.0200		102	40-140			
Dieldrin	0.022	0.0020	mg/Kg wet	0.0200		109	40-140			
Dieldrin [2C]	0.020	0.0020	mg/Kg wet	0.0200		102	40-140			
Endosulfan I	0.022	0.0050	mg/Kg wet	0.0200		110	40-140			
Endosulfan I [2C]	0.021	0.0050	mg/Kg wet	0.0200		104	40-140			
Endosulfan II	0.022	0.0080	mg/Kg wet	0.0200		110	40-140			
Endosulfan II [2C]	0.021	0.0080	mg/Kg wet	0.0200		105	40-140			
Endosulfan Sulfate	0.022	0.0080	mg/Kg wet	0.0200		111	40-140			
Endosulfan Sulfate [2C]	0.021	0.0080	mg/Kg wet	0.0200		106	40-140			
Endrin	0.022	0.0080	mg/Kg wet	0.0200		112	40-140			
Endrin [2C]	0.021	0.0080	mg/Kg wet	0.0200		104	40-140			
Endrin Aldehyde	0.023	0.0080	mg/Kg wet	0.0200		115	40-140			
Endrin Aldehyde [2C]	0.021	0.0080	mg/Kg wet	0.0200		106	40-140			
Endrin Ketone	0.023	0.0080	mg/Kg wet	0.0200		114	40-140			
Endrin Ketone [2C]	0.021	0.0080	mg/Kg wet	0.0200		104	40-140			
Heptachlor	0.022	0.0050	mg/Kg wet	0.0200		111	40-140			
Heptachlor [2C]	0.022	0.0050	mg/Kg wet	0.0200		108	40-140			
Heptachlor Epoxide	0.022	0.0050	mg/Kg wet	0.0200		111	40-140			
Heptachlor Epoxide [2C]	0.021	0.0050	mg/Kg wet	0.0200		105	40-140			
Hexachlorobenzene	0.022	0.0060	mg/Kg wet	0.0200		112	40-140			
Hexachlorobenzene [2C]	0.021	0.0060	mg/Kg wet	0.0200		104	40-140			
Methoxychlor	0.023	0.050	mg/Kg wet	0.0200		113	40-140			
Methoxychlor [2C]	0.021	0.050	mg/Kg wet	0.0200		103	40-140			
Surrogate: Decachlorobiphenyl	0.211		mg/Kg wet	0.200		105	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.190		mg/Kg wet	0.200		95.0	30-150			
Surrogate: Tetrachloro-m-xylene	0.204		mg/Kg wet	0.200		102	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.197		mg/Kg wet	0.200		98.5	30-150			

QUALITY CONTROL
Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B063137 - SW-846 3546										
LCS Dup (B063137-BSD1)				Prepared: 11/19/12 Analyzed: 11/20/12						
Alachlor	0.022	0.020	mg/Kg wet	0.0200		110	40-140	1.93	30	
Alachlor [2C]	0.021	0.020	mg/Kg wet	0.0200		104	40-140	0.159	30	
Aldrin	0.023	0.0020	mg/Kg wet	0.0200		114	40-140	3.31	30	
Aldrin [2C]	0.022	0.0020	mg/Kg wet	0.0200		111	40-140	2.47	30	
alpha-BHC	0.023	0.0050	mg/Kg wet	0.0200		115	40-140	2.43	30	
alpha-BHC [2C]	0.022	0.0050	mg/Kg wet	0.0200		110	40-140	1.90	30	
beta-BHC	0.022	0.0050	mg/Kg wet	0.0200		111	40-140	0.261	30	
beta-BHC [2C]	0.021	0.0050	mg/Kg wet	0.0200		107	40-140	1.92	30	
delta-BHC	0.022	0.0050	mg/Kg wet	0.0200		109	40-140	2.20	30	
delta-BHC [2C]	0.022	0.0050	mg/Kg wet	0.0200		110	40-140	2.14	30	
gamma-BHC (Lindane)	0.021	0.0020	mg/Kg wet	0.0200		107	40-140	2.42	30	
gamma-BHC (Lindane) [2C]	0.022	0.0020	mg/Kg wet	0.0200		109	40-140	1.66	30	
4,4'-DDD	0.023	0.0010	mg/Kg wet	0.0200		117	40-140	2.99	30	
4,4'-DDD [2C]	0.022	0.0010	mg/Kg wet	0.0200		109	40-140	2.23	30	
4,4'-DDE	0.023	0.0010	mg/Kg wet	0.0200		115	40-140	3.87	30	
4,4'-DDE [2C]	0.022	0.0010	mg/Kg wet	0.0200		108	40-140	2.93	30	
4,4'-DDT	0.023	0.0010	mg/Kg wet	0.0200		114	40-140	2.16	30	
4,4'-DDT [2C]	0.021	0.0010	mg/Kg wet	0.0200		103	40-140	1.50	30	
Dieldrin	0.022	0.0020	mg/Kg wet	0.0200		112	40-140	3.44	30	
Dieldrin [2C]	0.021	0.0020	mg/Kg wet	0.0200		104	40-140	2.30	30	
Endosulfan I	0.023	0.0050	mg/Kg wet	0.0200		113	40-140	2.77	30	
Endosulfan I [2C]	0.021	0.0050	mg/Kg wet	0.0200		107	40-140	2.78	30	
Endosulfan II	0.023	0.0080	mg/Kg wet	0.0200		113	40-140	1.92	30	
Endosulfan II [2C]	0.021	0.0080	mg/Kg wet	0.0200		106	40-140	1.35	30	
Endosulfan Sulfate	0.022	0.0080	mg/Kg wet	0.0200		112	40-140	0.971	30	
Endosulfan Sulfate [2C]	0.021	0.0080	mg/Kg wet	0.0200		106	40-140	0.0756	30	
Endrin	0.023	0.0080	mg/Kg wet	0.0200		115	40-140	2.43	30	
Endrin [2C]	0.021	0.0080	mg/Kg wet	0.0200		106	40-140	2.16	30	
Endrin Aldehyde	0.023	0.0080	mg/Kg wet	0.0200		114	40-140	0.876	30	
Endrin Aldehyde [2C]	0.021	0.0080	mg/Kg wet	0.0200		106	40-140	0.915	30	
Endrin Ketone	0.023	0.0080	mg/Kg wet	0.0200		116	40-140	1.75	30	
Endrin Ketone [2C]	0.021	0.0080	mg/Kg wet	0.0200		106	40-140	1.60	30	
Heptachlor	0.023	0.0050	mg/Kg wet	0.0200		114	40-140	3.15	30	
Heptachlor [2C]	0.022	0.0050	mg/Kg wet	0.0200		111	40-140	2.73	30	
Heptachlor Epoxide	0.023	0.0050	mg/Kg wet	0.0200		115	40-140	2.99	30	
Heptachlor Epoxide [2C]	0.022	0.0050	mg/Kg wet	0.0200		108	40-140	2.56	30	
Hexachlorobenzene	0.022	0.0060	mg/Kg wet	0.0200		111	40-140	0.592	30	
Hexachlorobenzene [2C]	0.021	0.0060	mg/Kg wet	0.0200		103	40-140	0.338	30	
Methoxychlor	0.023	0.050	mg/Kg wet	0.0200		114	40-140	0.700	30	
Methoxychlor [2C]	0.021	0.050	mg/Kg wet	0.0200		104	40-140	0.775	30	
Surrogate: Decachlorobiphenyl	0.204		mg/Kg wet	0.200		102	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.184		mg/Kg wet	0.200		92.1	30-150			
Surrogate: Tetrachloro-m-xylene	0.199		mg/Kg wet	0.200		99.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.192		mg/Kg wet	0.200		95.9	30-150			

QUALITY CONTROL
Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B063135 - SW-846 3546
Blank (B063135-BLK1)

Prepared: 11/19/12 Analyzed: 11/20/12

Aroclor-1016	ND	0.020	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1221	ND	0.020	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1232	ND	0.020	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1242	ND	0.020	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1248	ND	0.020	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1254	ND	0.020	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1260	ND	0.020	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1262	ND	0.020	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1268	ND	0.020	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.020	mg/Kg wet							
Surrogate: Decachlorobiphenyl	0.202		mg/Kg wet	0.200		101	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.210		mg/Kg wet	0.200		105	30-150			
Surrogate: Tetrachloro-m-xylene	0.120		mg/Kg wet	0.200		60.0	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.180		mg/Kg wet	0.200		89.8	30-150			

LCS (B063135-BS1)

Prepared: 11/19/12 Analyzed: 11/20/12

Aroclor-1016	0.17	0.10	mg/Kg wet	0.200		85.0	40-140			
Aroclor-1016 [2C]	0.19	0.10	mg/Kg wet	0.200		94.9	40-140			
Aroclor-1260	0.21	0.10	mg/Kg wet	0.200		106	40-140			
Aroclor-1260 [2C]	0.21	0.10	mg/Kg wet	0.200		103	40-140			
Surrogate: Decachlorobiphenyl	0.202		mg/Kg wet	0.200		101	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.191		mg/Kg wet	0.200		95.6	30-150			
Surrogate: Tetrachloro-m-xylene	0.127		mg/Kg wet	0.200		63.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.178		mg/Kg wet	0.200		88.9	30-150			

LCS Dup (B063135-BSD1)

Prepared: 11/19/12 Analyzed: 11/20/12

Aroclor-1016	0.18	0.10	mg/Kg wet	0.200		89.2	40-140	4.88	30	
Aroclor-1016 [2C]	0.20	0.10	mg/Kg wet	0.200		101	40-140	5.99	30	
Aroclor-1260	0.23	0.10	mg/Kg wet	0.200		115	40-140	8.40	30	
Aroclor-1260 [2C]	0.22	0.10	mg/Kg wet	0.200		111	40-140	7.76	30	
Surrogate: Decachlorobiphenyl	0.212		mg/Kg wet	0.200		106	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.206		mg/Kg wet	0.200		103	30-150			
Surrogate: Tetrachloro-m-xylene	0.132		mg/Kg wet	0.200		66.2	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.185		mg/Kg wet	0.200		92.7	30-150			

QUALITY CONTROL
Petroleum Hydrocarbons Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B063130 - SW-846 3546
Blank (B063130-BLK1)

Prepared: 11/19/12 Analyzed: 11/21/12

Diesel Range Organics	ND	8.3	mg/Kg wet							
Surrogate: o-Terphenyl	2.64		mg/Kg wet	3.33		79.2	40-140			

LCS (B063130-BS1)

Prepared: 11/19/12 Analyzed: 11/21/12

Diesel Range Organics	25.9	8.3	mg/Kg wet	33.3		77.6	40-140			
Surrogate: o-Terphenyl	2.63		mg/Kg wet	3.33		79.0	40-140			

LCS Dup (B063130-BSD1)

Prepared: 11/19/12 Analyzed: 11/21/12

Diesel Range Organics	27.4	8.3	mg/Kg wet	33.3		82.3	40-140	5.85		
Surrogate: o-Terphenyl	2.76		mg/Kg wet	3.33		82.7	40-140			

Batch B063243 - SW-846 5035/5030B
Blank (B063243-BLK1)

Prepared & Analyzed: 11/20/12

Gasoline Range Organics (GRO)	ND	1.0	mg/Kg wet							
Surrogate: 1-Chloro-3-fluorobenzene	0.0139		mg/Kg wet	0.0150		93.0	70-130			

LCS (B063243-BS1)

Prepared & Analyzed: 11/20/12

Gasoline Range Organics (GRO)	0.235	0.010	mg/Kg wet	0.250		94.1	80-120			
Surrogate: 1-Chloro-3-fluorobenzene	0.0137		mg/Kg wet	0.0150		91.1	70-130			

QUALITY CONTROL
Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B063095 - SW-846 3050B
Blank (B063095-BLK1)

Prepared: 11/17/12 Analyzed: 11/19/12

Aluminum	ND	2.5	mg/Kg wet							
Antimony	ND	2.5	mg/Kg wet							
Arsenic	ND	2.5	mg/Kg wet							
Barium	ND	2.5	mg/Kg wet							
Beryllium	ND	0.25	mg/Kg wet							
Cadmium	ND	0.25	mg/Kg wet							
Calcium	ND	7.5	mg/Kg wet							
Chromium	ND	0.50	mg/Kg wet							
Cobalt	ND	2.5	mg/Kg wet							
Copper	ND	0.50	mg/Kg wet							
Iron	3.3	2.5	mg/Kg wet							B-07
Lead	ND	0.75	mg/Kg wet							
Magnesium	ND	7.5	mg/Kg wet							
Manganese	ND	0.50	mg/Kg wet							
Nickel	ND	0.50	mg/Kg wet							
Potassium	ND	100	mg/Kg wet							
Selenium	ND	2.5	mg/Kg wet							
Silver	ND	0.50	mg/Kg wet							
Sodium	ND	100	mg/Kg wet							
Thallium	ND	2.5	mg/Kg wet							
Vanadium	ND	1.0	mg/Kg wet							
Zinc	ND	1.0	mg/Kg wet							

LCS (B063095-BS1)

Prepared: 11/17/12 Analyzed: 11/19/12

Aluminum	7780	5.0	mg/Kg wet	8360		93.1	40.4-159.1			
Antimony	84.2	5.0	mg/Kg wet	92.9		90.7	8.2-191.6			
Arsenic	96.0	5.0	mg/Kg wet	94.5		102	82.2-117.5			
Barium	172	5.0	mg/Kg wet	166		104	83.1-116.3			
Beryllium	59.2	0.50	mg/Kg wet	52.6		113	83.8-116.2			
Cadmium	65.9	0.50	mg/Kg wet	59.9		110	84-115.9			
Calcium	6520	15	mg/Kg wet	6160		106	82.3-117.5			
Chromium	73.3	0.99	mg/Kg wet	69.3		106	81.4-118.6			
Cobalt	104	5.0	mg/Kg wet	101		103	83.8-115.8			
Copper	81.1	0.99	mg/Kg wet	78.0		104	83.7-116.2			
Iron	12000	5.0	mg/Kg wet	12800		93.7	50.6-149.2			B
Lead	85.5	1.5	mg/Kg wet	91.7		93.3	82.4-117.8			
Magnesium	3160	15	mg/Kg wet	3030		104	76.2-123.8			
Manganese	296	0.99	mg/Kg wet	283		105	81.6-118			
Nickel	54.5	0.99	mg/Kg wet	56.6		96.2	82.2-117.8			
Potassium	3940	200	mg/Kg wet	3820		103	73.6-126.4			
Selenium	154	9.9	mg/Kg wet	159		96.7	79.2-120.8			
Silver	32.5	0.99	mg/Kg wet	33.9		96.0	66.4-133.9			
Sodium	715	200	mg/Kg wet	652		110	73.6-126.2			
Thallium	116	5.0	mg/Kg wet	119		97.3	81.1-119.3			
Vanadium	62.4	2.0	mg/Kg wet	56.3		111	72.8-127.2			
Zinc	137	2.0	mg/Kg wet	137		100	81-119			

QUALITY CONTROL
Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B063095 - SW-846 3050B
LCS (B063095-BS2)

Prepared: 11/17/12 Analyzed: 11/19/12

Lead	0.803	0.73	mg/Kg wet	0.728		110	80-120			

LCS Dup (B063095-BSD1)

Prepared: 11/17/12 Analyzed: 11/19/12

Aluminum	7410	5.0	mg/Kg wet	8360		88.6	40.4-159.1	4.88	30	
Antimony	82.7	5.0	mg/Kg wet	92.9		89.0	8.2-191.6	1.86	30	
Arsenic	96.5	5.0	mg/Kg wet	94.5		102	82.2-117.5	0.581	30	
Barium	169	5.0	mg/Kg wet	166		102	83.1-116.3	2.00	30	
Beryllium	57.5	0.50	mg/Kg wet	52.6		109	83.8-116.2	2.95	30	
Cadmium	65.5	0.50	mg/Kg wet	59.9		109	84-115.9	0.563	30	
Calcium	6310	15	mg/Kg wet	6160		102	82.3-117.5	3.33	30	
Chromium	72.7	0.99	mg/Kg wet	69.3		105	81.4-118.6	0.726	30	
Cobalt	103	5.0	mg/Kg wet	101		102	83.8-115.8	1.50	30	
Copper	79.7	0.99	mg/Kg wet	78.0		102	83.7-116.2	1.73	30	
Iron	11400	5.0	mg/Kg wet	12800		89.2	50.6-149.2	4.96	30	B
Lead	89.2	1.5	mg/Kg wet	91.7		97.2	82.4-117.8	4.15	30	
Magnesium	3050	15	mg/Kg wet	3030		101	76.2-123.8	3.75	30	
Manganese	287	0.99	mg/Kg wet	283		102	81.6-118	3.08	30	
Nickel	54.0	0.99	mg/Kg wet	56.6		95.3	82.2-117.8	0.944	30	
Potassium	3790	200	mg/Kg wet	3820		99.2	73.6-126.4	3.98	30	
Selenium	154	9.9	mg/Kg wet	159		96.7	79.2-120.8	0.0154	30	
Silver	32.2	0.99	mg/Kg wet	33.9		95.1	66.4-133.9	0.916	30	
Sodium	692	200	mg/Kg wet	652		106	73.6-126.2	3.34	30	
Thallium	113	5.0	mg/Kg wet	119		94.6	81.1-119.3	2.81	30	
Vanadium	59.9	2.0	mg/Kg wet	56.3		106	72.8-127.2	4.06	30	
Zinc	135	2.0	mg/Kg wet	137		98.5	81-119	1.56	30	

Duplicate (B063095-DUP1)
Source: 12K0612-05

Prepared: 11/17/12 Analyzed: 11/19/12

Aluminum	8410	2.9	mg/Kg dry		8280		1.66	35	
Antimony	ND	2.9	mg/Kg dry		ND		NC	35	
Arsenic	ND	2.9	mg/Kg dry		ND		NC	35	
Barium	30.2	2.9	mg/Kg dry		30.3		0.362	35	
Beryllium	ND	0.29	mg/Kg dry		ND		NC	35	
Cadmium	ND	0.29	mg/Kg dry		ND		NC	35	
Calcium	1060	8.6	mg/Kg dry		1140		6.81	35	
Chromium	11.6	0.57	mg/Kg dry		12.2		4.55	35	
Cobalt	6.74	2.9	mg/Kg dry		6.18		8.66	35	
Copper	9.85	0.57	mg/Kg dry		12.2		20.9	35	
Iron	14800	2.9	mg/Kg dry		16300		9.96	35	B-07, B
Lead	14.2	0.86	mg/Kg dry		14.4		1.05	35	
Magnesium	2270	8.6	mg/Kg dry		2820		21.3	35	
Manganese	369	0.57	mg/Kg dry		423		13.9	35	
Nickel	11.1	0.57	mg/Kg dry		10.8		2.92	35	
Potassium	745	110	mg/Kg dry		786		5.42	35	
Selenium	ND	2.9	mg/Kg dry		ND		NC	35	
Silver	ND	0.57	mg/Kg dry		ND		NC	35	
Sodium	ND	110	mg/Kg dry		ND		NC	35	
Thallium	ND	2.9	mg/Kg dry		ND		NC	35	
Vanadium	20.3	1.1	mg/Kg dry		21.6		6.14	35	
Zinc	32.1	1.1	mg/Kg dry		34.6		7.33	35	

QUALITY CONTROL
Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B063095 - SW-846 3050B

Matrix Spike (B063095-MS1)		Source: 12K0612-05		Prepared: 11/17/12 Analyzed: 11/19/12						
Aluminum	10300	2.9	mg/Kg dry	114	8280	1810	*	75-125		MS-19
Antimony	60.4	2.9	mg/Kg dry	114	ND	52.7	*	75-125		MS-07
Arsenic	114	2.9	mg/Kg dry	114	2.09	97.8		75-125		
Barium	152	2.9	mg/Kg dry	114	30.3	106		75-125		
Beryllium	121	0.29	mg/Kg dry	114	ND	105		75-125		
Cadmium	120	0.29	mg/Kg dry	114	0.268	104		75-125		
Calcium	1580	8.6	mg/Kg dry	114	1140	383	*	75-125		MS-19
Chromium	132	0.57	mg/Kg dry	114	12.2	104		75-125		
Cobalt	118	2.9	mg/Kg dry	114	6.18	98.0		75-125		
Copper	130	0.57	mg/Kg dry	114	12.2	103		75-125		
Iron	16300	2.9	mg/Kg dry	114	16300	-35.8	*	75-125		MS-19, B
Lead	120	0.86	mg/Kg dry	114	14.4	92.0		75-125		
Magnesium	2780	8.6	mg/Kg dry	114	2820	-33.9	*	75-125		MS-19
Manganese	536	0.57	mg/Kg dry	114	423	98.2		75-125		
Nickel	118	0.57	mg/Kg dry	114	10.8	93.5		75-125		
Potassium	2010	110	mg/Kg dry	1140	786	107		75-125		
Selenium	99.2	2.9	mg/Kg dry	114	ND	86.6		75-125		
Silver	106	0.57	mg/Kg dry	114	ND	92.8		75-125		
Sodium	216	110	mg/Kg dry	114	ND	189	*	75-125		MS-14
Thallium	104	2.9	mg/Kg dry	114	ND	90.8		75-125		
Vanadium	146	1.1	mg/Kg dry	114	21.6	109		75-125		
Zinc	145	1.1	mg/Kg dry	114	34.6	96.6		75-125		

Batch B063097 - SW-846 7471

Blank (B063097-BLK1)				Prepared: 11/17/12 Analyzed: 11/19/12						
Mercury	ND	0.025	mg/Kg wet							
LCS (B063097-BS1)				Prepared: 11/17/12 Analyzed: 11/19/12						
Mercury	3.64	0.33	mg/Kg wet	3.73		97.6		71.7-128.3		
LCS Dup (B063097-BSD1)				Prepared: 11/17/12 Analyzed: 11/19/12						
Mercury	3.49	0.33	mg/Kg wet	3.73		93.5		71.7-128.3	4.27	30
Duplicate (B063097-DUP1)		Source: 12K0612-05		Prepared: 11/17/12 Analyzed: 11/19/12						
Mercury	0.0298	0.029	mg/Kg dry		0.0320				7.07	35
Matrix Spike (B063097-MS1)		Source: 12K0612-05		Prepared: 11/17/12 Analyzed: 11/19/12						
Mercury	0.234	0.029	mg/Kg dry	0.192	0.0320	105		75-125		

Batch B063126 - SW-846 7470A Prep

Blank (B063126-BLK1)				Prepared & Analyzed: 11/19/12						
Mercury	ND	0.00010	mg/L							

QUALITY CONTROL
Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B063126 - SW-846 7470A Prep
LCS (B063126-BS1)

Prepared & Analyzed: 11/19/12

Mercury	0.00204	0.00010	mg/L	0.00200		102	80-120			

LCS Dup (B063126-BSD1)

Prepared & Analyzed: 11/19/12

Mercury	0.00192	0.00010	mg/L	0.00200		95.8	80-120	6.21	20	

Batch B063140 - SW-846 3005A
Blank (B063140-BLK1)

Prepared: 11/19/12 Analyzed: 11/20/12

Aluminum	ND	0.050	mg/L							
Calcium	ND	0.15	mg/L							
Iron	ND	0.050	mg/L							
Magnesium	ND	0.15	mg/L							
Potassium	ND	2.0	mg/L							
Sodium	ND	2.0	mg/L							

LCS (B063140-BS2)

Prepared: 11/19/12 Analyzed: 11/20/12

Aluminum	2.04	0.050	mg/L	2.00		102	80-120			
Calcium	2.04	0.15	mg/L	2.00		102	80-120			
Iron	2.01	0.050	mg/L	2.00		101	80-120			
Magnesium	2.05	0.15	mg/L	2.00		102	80-120			
Potassium	19.6	2.0	mg/L	20.0		97.8	80-120			
Sodium	2.07	2.0	mg/L	2.00		103	80-120			

LCS Dup (B063140-BSD2)

Prepared: 11/19/12 Analyzed: 11/20/12

Aluminum	2.11	0.050	mg/L	2.00		106	80-120	3.58	20	
Calcium	2.11	0.15	mg/L	2.00		106	80-120	3.58	20	
Iron	2.06	0.050	mg/L	2.00		103	80-120	2.12	20	
Magnesium	2.12	0.15	mg/L	2.00		106	80-120	3.80	20	
Potassium	20.0	2.0	mg/L	20.0		100	80-120	2.45	20	
Sodium	2.08	2.0	mg/L	2.00		104	80-120	0.753	20	

Batch B063141 - SW-846 3005A
Blank (B063141-BLK1)

Prepared: 11/19/12 Analyzed: 11/20/12

Antimony	ND	5.0	µg/L							
Arsenic	ND	2.0	µg/L							
Barium	ND	50	µg/L							
Beryllium	ND	2.0	µg/L							
Cadmium	ND	2.5	µg/L							
Chromium	ND	5.0	µg/L							
Cobalt	ND	5.0	µg/L							
Copper	ND	25	µg/L							
Lead	ND	5.0	µg/L							
Manganese	ND	5.0	µg/L							
Nickel	ND	25	µg/L							
Selenium	ND	25	µg/L							
Silver	ND	2.5	µg/L							
Thallium	ND	1.0	µg/L							
Vanadium	ND	25	µg/L							
Zinc	ND	50	µg/L							

QUALITY CONTROL
Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B063141 - SW-846 3005A
LCS (B063141-BS1)

Prepared: 11/19/12 Analyzed: 11/20/12

Antimony	547	10	µg/L	500		109	80-120			
Arsenic	517	4.0	µg/L	500		103	80-120			
Barium	540	100	µg/L	500		108	80-120			
Beryllium	508	4.0	µg/L	500		102	80-120			
Cadmium	536	5.0	µg/L	500		107	80-120			
Chromium	547	10	µg/L	500		109	80-120			
Cobalt	546	10	µg/L	500		109	80-120			
Copper	541	50	µg/L	500		108	80-120			
Lead	542	10	µg/L	500		108	80-120			
Manganese	552	10	µg/L	500		110	80-120			
Nickel	544	50	µg/L	500		109	80-120			
Selenium	519	50	µg/L	500		104	80-120			
Silver	527	5.0	µg/L	500		105	80-120			
Thallium	498	2.0	µg/L	500		99.5	80-120			
Vanadium	566	50	µg/L	500		113	80-120			
Zinc	525	100	µg/L	500		105	80-120			

LCS Dup (B063141-BSD1)

Prepared: 11/19/12 Analyzed: 11/20/12

Antimony	532	10	µg/L	500		106	80-120	2.74	20	
Arsenic	493	4.0	µg/L	500		98.6	80-120	4.78	20	
Barium	522	100	µg/L	500		104	80-120	3.42	20	
Beryllium	544	4.0	µg/L	500		109	80-120	6.80	20	
Cadmium	514	5.0	µg/L	500		103	80-120	4.31	20	
Chromium	526	10	µg/L	500		105	80-120	4.01	20	
Cobalt	521	10	µg/L	500		104	80-120	4.74	20	
Copper	515	50	µg/L	500		103	80-120	4.97	20	
Lead	523	10	µg/L	500		105	80-120	3.60	20	
Manganese	532	10	µg/L	500		106	80-120	3.85	20	
Nickel	525	50	µg/L	500		105	80-120	3.54	20	
Selenium	490	50	µg/L	500		97.9	80-120	5.72	20	
Silver	510	5.0	µg/L	500		102	80-120	3.13	20	
Thallium	481	2.0	µg/L	500		96.3	80-120	3.31	20	
Vanadium	537	50	µg/L	500		107	80-120	5.35	20	
Zinc	523	100	µg/L	500		105	80-120	0.461	20	

QUALITY CONTROL
Metals Analyses (Dissolved) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B063092 - SW-846 3005A Dissolved
Blank (B063092-BLK1)

Prepared: 11/17/12 Analyzed: 11/19/12

Aluminum	ND	0.050	mg/L							
Calcium	ND	0.15	mg/L							
Iron	ND	0.050	mg/L							
Magnesium	ND	0.15	mg/L							
Potassium	ND	2.0	mg/L							
Sodium	ND	2.0	mg/L							

LCS (B063092-BS2)

Prepared: 11/17/12 Analyzed: 11/19/12

Aluminum	2.15	0.050	mg/L	2.00		108	80-120			
Calcium	2.04	0.15	mg/L	2.00		102	80-120			
Iron	2.00	0.050	mg/L	2.00		100	80-120			
Magnesium	2.08	0.15	mg/L	2.00		104	80-120			
Potassium	20.1	2.0	mg/L	20.0		101	80-120			
Sodium	2.20	2.0	mg/L	2.00		110	80-120			

LCS Dup (B063092-BSD2)

Prepared: 11/17/12 Analyzed: 11/19/12

Aluminum	2.21	0.050	mg/L	2.00		111	80-120	2.78	20	
Calcium	2.10	0.15	mg/L	2.00		105	80-120	2.57	20	
Iron	1.97	0.050	mg/L	2.00		98.3	80-120	1.76	20	
Magnesium	2.14	0.15	mg/L	2.00		107	80-120	2.64	20	
Potassium	20.3	2.0	mg/L	20.0		101	80-120	0.883	20	
Sodium	2.20	2.0	mg/L	2.00		110	80-120	0.147	20	

Batch B063093 - SW-846 3005A Dissolved
Blank (B063093-BLK1)

Prepared: 11/17/12 Analyzed: 11/19/12

Antimony	ND	5.0	µg/L							
Arsenic	ND	2.0	µg/L							
Barium	ND	50	µg/L							
Beryllium	ND	2.0	µg/L							
Cadmium	ND	2.5	µg/L							
Chromium	ND	5.0	µg/L							
Cobalt	ND	5.0	µg/L							
Copper	ND	25	µg/L							
Lead	ND	5.0	µg/L							
Manganese	ND	5.0	µg/L							
Nickel	ND	25	µg/L							
Selenium	ND	25	µg/L							
Silver	ND	2.5	µg/L							
Thallium	ND	1.0	µg/L							
Vanadium	ND	25	µg/L							
Zinc	ND	50	µg/L							

QUALITY CONTROL
Metals Analyses (Dissolved) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B063093 - SW-846 3005A Dissolved
LCS (B063093-BS1)

Prepared: 11/17/12 Analyzed: 11/19/12

Antimony	256	5.0	µg/L	250		102	80-120			
Arsenic	250	2.0	µg/L	250		99.8	80-120			
Barium	249	50	µg/L	250		99.4	80-120			
Beryllium	236	2.0	µg/L	250		94.6	80-120			
Cadmium	255	2.5	µg/L	250		102	80-120			
Chromium	258	5.0	µg/L	250		103	80-120			
Cobalt	260	5.0	µg/L	250		104	80-120			
Copper	253	25	µg/L	250		101	80-120			
Lead	263	5.0	µg/L	250		105	80-120			
Manganese	262	5.0	µg/L	250		105	80-120			
Nickel	251	25	µg/L	250		101	80-120			
Selenium	261	25	µg/L	250		104	80-120			
Silver	229	2.5	µg/L	250		91.6	80-120			
Thallium	237	1.0	µg/L	250		94.8	80-120			
Vanadium	263	25	µg/L	250		105	80-120			
Zinc	258	50	µg/L	250		103	80-120			

LCS Dup (B063093-BSD1)

Prepared: 11/17/12 Analyzed: 11/19/12

Antimony	256	5.0	µg/L	250		102	80-120	0.00966	20	
Arsenic	248	2.0	µg/L	250		99.2	80-120	0.579	20	
Barium	244	50	µg/L	250		97.7	80-120	1.79	20	
Beryllium	241	2.0	µg/L	250		96.4	80-120	1.85	20	
Cadmium	251	2.5	µg/L	250		100	80-120	1.43	20	
Chromium	260	5.0	µg/L	250		104	80-120	0.641	20	
Cobalt	258	5.0	µg/L	250		103	80-120	0.967	20	
Copper	252	25	µg/L	250		101	80-120	0.198	20	
Lead	261	5.0	µg/L	250		104	80-120	0.700	20	
Manganese	261	5.0	µg/L	250		104	80-120	0.244	20	
Nickel	254	25	µg/L	250		101	80-120	0.849	20	
Selenium	256	25	µg/L	250		102	80-120	1.99	20	
Silver	229	2.5	µg/L	250		91.5	80-120	0.0692	20	
Thallium	237	1.0	µg/L	250		94.8	80-120	0.0149	20	
Vanadium	259	25	µg/L	250		104	80-120	1.45	20	
Zinc	254	50	µg/L	250		102	80-120	1.84	20	

Batch B063099 - SW-846 7470A Prep
Blank (B063099-BLK1)

Prepared: 11/17/12 Analyzed: 11/19/12

Mercury	ND	0.00010	mg/L							

LCS (B063099-BS1)

Prepared: 11/17/12 Analyzed: 11/19/12

Mercury	0.00218	0.00010	mg/L	0.00200		109	80-120			

QUALITY CONTROL

Metals Analyses (Dissolved) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B063099 - SW-846 7470A Prep

LCS Dup (B063099-BSD1)

Prepared: 11/17/12 Analyzed: 11/19/12

Mercury	0.00211	0.00010	mg/L	0.00200		106	80-120	3.21	20	

QUALITY CONTROL
Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B063062 - SW-846 9045C										
LCS (B063062-BS1)				Prepared & Analyzed: 11/16/12						
pH	6.02		pH Units	6.00		100	93.7-106			
LCS (B063062-BS2)				Prepared & Analyzed: 11/16/12						
pH	6.03		pH Units	6.00		100	93.7-106			
Duplicate (B063062-DUP1)				Source: 12K0612-03		Prepared & Analyzed: 11/16/12				
pH	7.2		pH Units		7.2			0.555	7.49	
Batch B063066 - SM2580 A										
Duplicate (B063066-DUP1)				Source: 12K0612-03		Prepared & Analyzed: 11/16/12				
Oxidation/Reduction Potential	97.0		mV		94			3.14	16.2	
Batch B063341 - SW-846 9014										
Blank (B063341-BLK1)				Prepared & Analyzed: 11/21/12						
Cyanide	ND	0.50	mg/Kg wet							
LCS (B063341-BS1)				Prepared & Analyzed: 11/21/12						
Cyanide	58	2.4	mg/Kg wet	57.9		100	80-120			
LCS Dup (B063341-BSD1)				Prepared & Analyzed: 11/21/12						
Cyanide	63	2.4	mg/Kg wet	58.1		109	80-120	8.40	20	
Batch B063505 - SW-846 7196A										
Blank (B063505-BLK1)				Prepared & Analyzed: 11/26/12						
Hexavalent Chromium	ND	0.16	mg/Kg wet							
LCS (B063505-BS1)				Prepared & Analyzed: 11/26/12						
Hexavalent Chromium	200	9.8	mg/Kg wet	214		95.0	80-120			
LCS Dup (B063505-BSD1)				Prepared & Analyzed: 11/26/12						
Hexavalent Chromium	180	9.9	mg/Kg wet	217		84.0	80-120	11.1	20	
Matrix Spike (B063505-MS4) Soluble MS 612				Source: 12K0612-03		Prepared & Analyzed: 11/26/12				
Hexavalent Chromium	39	1.8	mg/Kg dry	45.9	ND	86.0	75-125			
Matrix Spike (B063505-MS5) PDMS 612				Source: 12K0612-03		Prepared & Analyzed: 11/26/12				
Hexavalent Chromium	38	1.8	mg/Kg dry	44.9	ND	84.4	75-125			

QUALITY CONTROL
Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B063505 - SW-846 7196A

Matrix Spike (B063505-MS6) Insoluble MS 612		Source: 12K0612-03		Prepared & Analyzed: 11/26/12						
Hexavalent Chromium	580	18	mg/Kg dry	724	ND	79.6	75-125			
Matrix Spike Dup (B063505-MSD4) Soluble MS Dup 612		Source: 12K0612-03		Prepared & Analyzed: 11/26/12						
Hexavalent Chromium	38	1.8	mg/Kg dry	44.9	ND	84.4	75-125	3.88	35	

BREAKDOWN REPORT

Lab Sample ID:	S003282-PEM1	Analyzed:	11/20/2012

Column Number:	1

Analyte	% Breakdown
4,4'-DDT [1]	0.30

BREAKDOWN REPORT

Lab Sample ID:	S003282-PEM2	Analyzed:	11/20/2012

Column Number:	1

Analyte	% Breakdown
4,4'-DDT [1]	0.49

BREAKDOWN REPORT

Lab Sample ID:	S003282-PEM3	Analyzed:	11/21/2012

Column Number:	1

Analyte	% Breakdown
4,4'-DDT [1]	1.42

BREAKDOWN REPORT

Lab Sample ID:	S003282-PEM1	Analyzed:	11/20/2012

Column Number:	2

Analyte	% Breakdown
4,4'-DDT [2]	0.61

BREAKDOWN REPORT

Lab Sample ID:	S003282-PEM2	Analyzed:	11/20/2012

BREAKDOWN REPORT

Lab Sample ID:	S003282-PEM2	Analyzed:	11/20/2012

Column Number:	2

Analyte	% Breakdown
4,4'-DDT [2]	0.76

BREAKDOWN REPORT

Lab Sample ID:	S003282-PEM3	Analyzed:	11/21/2012

Column Number:	2

Analyte	% Breakdown
4,4'-DDT [2]	1.83

BREAKDOWN REPORT

Lab Sample ID:	S003282-PEM1	Analyzed:	11/20/2012

Column Number:	1

Analyte	% Breakdown
Endrin [1]	1.64

BREAKDOWN REPORT

Lab Sample ID:	S003282-PEM2	Analyzed:	11/20/2012

Column Number:	1

Analyte	% Breakdown
Endrin [1]	2.16

BREAKDOWN REPORT

Lab Sample ID:	S003282-PEM3	Analyzed:	11/21/2012

BREAKDOWN REPORT

Lab Sample ID:	S003282-PEM3	Analyzed:	11/21/2012

Column Number:	1

Analyte	% Breakdown

Endrin [1]	1.48

BREAKDOWN REPORT

Lab Sample ID:	S003282-PEM1	Analyzed:	11/20/2012

Column Number:	2

Analyte	% Breakdown

Endrin [2]	1.73

BREAKDOWN REPORT

Lab Sample ID:	S003282-PEM2	Analyzed:	11/20/2012

Column Number:	2

Analyte	% Breakdown

Endrin [2]	2.47

BREAKDOWN REPORT

Lab Sample ID:	S003282-PEM3	Analyzed:	11/21/2012

Column Number:	2

Analyte	% Breakdown

Endrin [2]	2.01

FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
B	Analyte is found in the associated blank as well as in the sample.
B-07	Data is not affected by elevated level in blank since sample result is >10x level found in the blank.
L-04	Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.
L-07	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.
MS-07	Matrix spike recovery is outside of control limits. Analysis is in control based on laboratory fortified blank recovery. Possibility of sample matrix effects that lead to low bias for reported result or non-homogeneous sample aliquot cannot be eliminated.
MS-09	Matrix spike recovery and matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.
MS-14	Matrix spike recovery is outside of control limits. Data validation is not affected since sample result is "not detected" and recovery bias is on the high side for this compound.
MS-16	For solid method SW846-7196A, the matrix spike is outside of control limits. pH and ORP results were indicative of reducing conditions. Reanalysis is not required. Analysis is in control based on LCS recoveries.
MS-19	Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.
R-05	Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.
R-06	Matrix spike duplicate RPD is outside of control limits. Reduced precision is anticipated for reported result for this compound in this sample.
S-07	One associated surrogate standard recovery is outside of control limits but the other(s) is/are within limits. All recoveries are > 10%.
V-04	Initial calibration did not meet method specifications. Compound was calibrated using a response factor where %RSD is outside of method specified criteria.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.
V-06	Continuing calibration did not meet method specifications and was biased on the high side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the high side.
V-16	Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy may be associated with reported result.
V-19	Initial calibration did not meet method specifications. Compound was calibrated using linear regression with correlation coefficient <0.99.
V-20	Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.
W-06	Elevated method reporting limit due to intense color of sample

CERTIFICATIONS
Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 6010C in Soil</i>	
Aluminum	CT,NH,NY,ME,VA
Antimony	CT,NH,NY,NC,ME,VA
Arsenic	CT,NH,NY,ME,NC,VA
Barium	CT,NH,NY,ME,NC,VA
Beryllium	CT,NH,NY,ME,NC,VA
Cadmium	CT,NH,NY,ME,NC,VA
Calcium	CT,NH,NY,ME,NC,VA
Chromium	CT,NH,NY,ME,NC,VA
Cobalt	CT,NH,NY,ME,NC,VA
Copper	CT,NH,NY,ME,NC,VA
Iron	CT,NH,NY,ME,NC,VA
Lead	CT,NH,NY,AIHA,ME,NC,VA
Magnesium	CT,NH,NY,ME,NC,VA
Manganese	CT,NH,NY,ME,NC,VA
Nickel	CT,NH,NY,ME,NC,VA
Potassium	CT,NH,NY,ME,NC,VA
Selenium	CT,NH,NY,ME,NC,VA
Silver	CT,NH,NY,ME,NC,VA
Sodium	CT,NH,NY,ME,NC,VA
Thallium	CT,NH,NY,ME,NC,VA
Vanadium	CT,NH,NY,ME,NC,VA
Zinc	CT,NH,NY,ME,NC,VA
<i>SW-846 6010C in Water</i>	
Aluminum	CT,NH,NY,RI,ME,VA
Aluminum	CT,NY,NH,RI,ME,VA
Calcium	CT,NH,NY,RI,NC,ME,VA
Calcium	CT,NH,NY,RI,ME,NC,VA
Iron	CT,NH,NY,RI,ME,NC,VA
Iron	CT,NH,NY,RI,ME,NC,VA
Magnesium	CT,NH,NY,RI,ME,NC,VA
Magnesium	CT,NH,NY,RI,NC,ME,VA
Potassium	CT,NH,NY,RI,ME,NC,VA
Potassium	CT,NH,NY,RI,ME,NC,VA
Sodium	CT,NH,NY,RI,NC,ME,VA
Sodium	CT,NH,RI,NY,ME,NC,VA
<i>SW-846 6020A in Water</i>	
Antimony	CT,NH,NY,RI,NC,ME,VA
Antimony	CT,NH,NY,RI,NC,ME,VA
Arsenic	CT,NH,NY,RI,NC,ME,VA
Arsenic	CT,NH,NY,RI,NC,ME,VA
Barium	MA,NY,CT,NC,NH,ME,VA
Barium	CT,NH,NY,RI,NC,ME,VA
Beryllium	CT,NH,NY,RI,NC,ME,VA
Beryllium	CT,NH,NY,RI,NC,ME,VA
Cadmium	CT,NH,NY,RI,NC,ME,VA
Cadmium	CT,NH,NY,RI,NC,ME,VA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 6020A in Water	
Chromium	CT,NH,NY,RI,NC,ME,VA
Chromium	CT,NH,NY,RI,NC,ME,VA
Cobalt	CT,NH,NY,RI,NC,ME,VA
Cobalt	CT,NH,NY,RI,NC,ME,VA
Copper	CT,NH,NY,RI,NC,ME,VA
Copper	CT,NH,NY,RI,NC,ME,VA
Lead	CT,NH,NY,RI,NC,ME,VA
Lead	CT,NH,NY,RI,NC,ME,VA
Manganese	CT,NH,NY,RI,NC,ME,VA
Manganese	CT,NH,NY,RI,NC,ME,VA
Nickel	CT,NH,NY,RI,NC,ME,VA
Nickel	CT,NH,NY,RI,NC,ME,VA
Selenium	CT,NH,NY,RI,NC,ME,VA
Selenium	CT,NH,NY,RI,NC,ME,VA
Silver	CT,NC,NH,NY,RI,ME,VA
Silver	CT,NH,NY,RI,NC,ME,VA
Thallium	CT,NH,NY,RI,NC,ME,VA
Thallium	CT,NH,NY,RI,NC,ME,VA
Vanadium	CT,NC,NH,NY,RI,ME,VA
Vanadium	CT,NH,NY,RI,NC,ME,VA
Zinc	CT,NH,NY,RI,NC,ME,VA
Zinc	CT,NH,NY,RI,NC,ME,VA
SW-846 7196A in Soil	
Hexavalent Chromium	NY,CT,NH,NC,ME,VA
SW-846 7470A in Water	
Mercury	CT,NH,NY,RI,NC,ME,VA
Mercury	CT,NH,NY,RI,NC,ME,VA
SW-846 7471B in Soil	
Mercury	CT,NH,NY,NC,ME,VA
SW-846 8015C in Soil	
Gasoline Range Organics (GRO)	NY,NY,VA,NH
Diesel Range Organics	NY,VA,NH
SW-846 8081B in Soil	
Alachlor	NC
Alachlor [2C]	NC
Aldrin	CT,NH,NY,ME,NC,VA
Aldrin [2C]	CT,NH,NY,ME,NC,VA
alpha-BHC	CT,NH,NY,ME,NC,VA
alpha-BHC [2C]	CT,NH,NY,ME,NC,VA
beta-BHC	CT,NH,NY,ME,NC,VA
beta-BHC [2C]	CT,NH,NY,ME,NC,VA
delta-BHC	CT,NH,NY,ME,NC,VA
delta-BHC [2C]	CT,NH,NY,ME,NC,VA
gamma-BHC (Lindane)	CT,NH,NY,ME,NC,VA
gamma-BHC (Lindane) [2C]	CT,NH,NY,ME,NC,VA

CERTIFICATIONS
Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8081B in Soil</i>	
Chlordane	CT,NH,NY,ME,NC,VA
Chlordane [2C]	CT,NH,NY,ME,NC,VA
4,4'-DDD	CT,NH,NY,ME,NC,VA
4,4'-DDD [2C]	CT,NH,NY,ME,NC,VA
4,4'-DDE	CT,NH,NY,ME,NC,VA
4,4'-DDE [2C]	CT,NH,NY,ME,NC,VA
4,4'-DDT	CT,NH,NY,ME,NC,VA
4,4'-DDT [2C]	CT,NH,NY,ME,NC,VA
Dieldrin	CT,NH,NY,ME,NC,VA
Dieldrin [2C]	CT,NH,NY,ME,NC,VA
Endosulfan I	CT,NH,NY,ME,NC,VA
Endosulfan I [2C]	CT,NH,NY,ME,NC,VA
Endosulfan II	CT,NH,NY,ME,NC,VA
Endosulfan II [2C]	CT,NH,NY,ME,NC,VA
Endosulfan Sulfate	CT,NH,NY,ME,NC,VA
Endosulfan Sulfate [2C]	CT,NH,NY,ME,NC,VA
Endrin	CT,NH,NY,ME,NC,VA
Endrin [2C]	CT,NH,NY,ME,NC,VA
Endrin Aldehyde	CT,NH,NY,ME,NC,VA
Endrin Aldehyde [2C]	CT,NH,NY,ME,NC,VA
Endrin Ketone	NC
Endrin Ketone [2C]	NC
Heptachlor	CT,NH,NY,ME,NC,VA
Heptachlor [2C]	CT,NH,NY,ME,NC,VA
Heptachlor Epoxide	CT,NH,NY,ME,NC,VA
Heptachlor Epoxide [2C]	CT,NH,NY,ME,NC,VA
Hexachlorobenzene	NC
Hexachlorobenzene [2C]	NC
Methoxychlor	CT,NH,NY,ME,NC,VA
Methoxychlor [2C]	CT,NH,NY,ME,NC,VA
Toxaphene	CT,NH,NY,ME,NC,VA
Toxaphene [2C]	CT,NH,NY,ME,NC,VA
<i>SW-846 8081B in Water</i>	
Alachlor	NC
Alachlor [2C]	NC
Aldrin	CT,NH,NY,RI,ME,NC,VA
Aldrin [2C]	CT,NH,NY,RI,ME,NC,VA
alpha-BHC	CT,NH,NY,RI,ME,NC,VA
alpha-BHC [2C]	CT,NH,NY,RI,ME,NC,VA
beta-BHC	CT,NH,NY,RI,ME,NC,VA
beta-BHC [2C]	CT,NH,NY,RI,ME,NC,VA
delta-BHC	CT,NH,NY,RI,ME,NC,VA
delta-BHC [2C]	CT,NH,NY,RI,ME,NC,VA
gamma-BHC (Lindane)	CT,NH,NY,RI,ME,NC,VA
gamma-BHC (Lindane) [2C]	CT,NH,NY,RI,ME,NC,VA
Chlordane	CT,NH,NY,RI,ME,NC,VA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8081B in Water	
Chlordane [2C]	CT,NH,NY,RI,ME,NC,VA
4,4'-DDD	CT,NH,NY,RI,ME,NC,VA
4,4'-DDD [2C]	CT,NH,NY,RI,ME,NC,VA
4,4'-DDE	CT,NH,NY,RI,ME,NC,VA
4,4'-DDE [2C]	CT,NH,NY,RI,ME,NC,VA
4,4'-DDT	CT,NH,NY,RI,ME,NC,VA
4,4'-DDT [2C]	CT,NH,NY,RI,ME,NC,VA
Dieldrin	CT,NH,NY,RI,ME,NC,VA
Dieldrin [2C]	CT,NH,NY,RI,ME,NC,VA
Endosulfan I	CT,NH,NY,RI,ME,NC,VA
Endosulfan I [2C]	CT,NH,NY,RI,ME,NC,VA
Endosulfan II	CT,NH,NY,RI,ME,NC,VA
Endosulfan II [2C]	CT,NH,NY,RI,ME,NC,VA
Endosulfan Sulfate	CT,NH,NY,RI,ME,NC,VA
Endosulfan Sulfate [2C]	CT,NH,NY,RI,ME,NC,VA
Endrin	CT,NH,NY,RI,ME,NC,VA
Endrin [2C]	CT,NH,NY,RI,ME,NC,VA
Endrin Aldehyde	CT,NH,NY,RI,ME,NC,VA
Endrin Aldehyde [2C]	CT,NH,NY,RI,ME,NC,VA
Endrin Ketone	NC
Endrin Ketone [2C]	NC
Heptachlor	CT,NH,NY,RI,ME,NC,VA
Heptachlor [2C]	CT,NH,NY,RI,ME,NC,VA
Heptachlor Epoxide	CT,NH,NY,RI,ME,NC,VA
Heptachlor Epoxide [2C]	CT,NH,NY,RI,ME,NC,VA
Hexachlorobenzene	NC
Hexachlorobenzene [2C]	NC
Methoxychlor	CT,NH,NY,RI,ME,NC,VA
Methoxychlor [2C]	CT,NH,NY,RI,ME,NC,VA
Toxaphene	CT,NH,NY,RI,ME,NC,VA
Toxaphene [2C]	CT,NH,NY,RI,ME,NC,VA
SW-846 8082A in Soil	
Aroclor-1016	CT,NH,NY,NC,ME,VA
Aroclor-1016 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1221	CT,NH,NY,NC,ME,VA
Aroclor-1221 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1232	CT,NH,NY,NC,ME,VA
Aroclor-1232 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1242	CT,NH,NY,NC,ME,VA
Aroclor-1242 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1248	CT,NH,NY,NC,ME,VA
Aroclor-1248 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1254	CT,NH,NY,NC,ME,VA
Aroclor-1254 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1260	CT,NH,NY,NC,ME,VA
Aroclor-1260 [2C]	CT,NH,NY,NC,ME,VA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8082A in Soil</i>	
Aroclor-1262	NC
Aroclor-1262 [2C]	NC
Aroclor-1268	NC
Aroclor-1268 [2C]	NC
<i>SW-846 8260C in Soil</i>	
Acetone	CT,NH,NY,ME,VA
Acrylonitrile	CT,NH,NY,ME,VA
Benzene	CT,NH,NY,ME,VA
Bromobenzene	NH,NY,ME,VA
Bromochloromethane	NH,NY,ME,VA
Bromodichloromethane	CT,NH,NY,ME,VA
Bromoform	CT,NH,NY,ME,VA
Bromomethane	CT,NH,NY,ME,VA
2-Butanone (MEK)	CT,NH,NY,ME,VA
n-Butylbenzene	CT,NH,NY,ME,VA
sec-Butylbenzene	CT,NH,NY,ME,VA
tert-Butylbenzene	CT,NH,NY,ME,VA
Carbon Disulfide	CT,NH,NY,ME,VA
Carbon Tetrachloride	CT,NH,NY,ME,VA
Chlorobenzene	CT,NH,NY,ME,VA
Chlorodibromomethane	CT,NH,NY,ME,VA
Chloroethane	CT,NH,NY,ME,VA
Chloroform	CT,NH,NY,ME,VA
Chloromethane	CT,NH,NY,ME,VA
2-Chlorotoluene	CT,NH,NY,ME,VA
4-Chlorotoluene	CT,NH,NY,ME,VA
Dibromomethane	NH,NY,ME,VA
1,2-Dichlorobenzene	CT,NH,NY,ME,VA
1,3-Dichlorobenzene	CT,NH,NY,ME,VA
1,4-Dichlorobenzene	CT,NH,NY,ME,VA
Dichlorodifluoromethane (Freon 12)	NH,NY,ME,VA
1,1-Dichloroethane	CT,NH,NY,ME,VA
1,2-Dichloroethane	CT,NH,NY,ME,VA
1,1-Dichloroethylene	CT,NH,NY,ME,VA
cis-1,2-Dichloroethylene	CT,NH,NY,ME,VA
trans-1,2-Dichloroethylene	CT,NH,NY,ME,VA
1,2-Dichloropropane	CT,NH,NY,ME,VA
1,3-Dichloropropane	NH,NY,ME,VA
2,2-Dichloropropane	NH,NY,ME,VA
1,1-Dichloropropene	NH,NY,ME,VA
cis-1,3-Dichloropropene	CT,NH,NY,ME,VA
trans-1,3-Dichloropropene	CT,NH,NY,ME,VA
Ethylbenzene	CT,NH,NY,ME,VA
Hexachlorobutadiene	NH,NY,ME,VA
2-Hexanone (MBK)	CT,NH,NY,ME,VA
Isopropylbenzene (Cumene)	CT,NH,NY,ME,VA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8260C in Soil</i>	
p-Isopropyltoluene (p-Cymene)	NH, NY
Methyl tert-Butyl Ether (MTBE)	NY, VA
Methylene Chloride	CT, NH, NY, ME, VA
4-Methyl-2-pentanone (MIBK)	CT, NH, NY, VA
Naphthalene	NH, NY, ME, VA
n-Propylbenzene	NH, NY
Styrene	CT, NH, NY, ME, VA
1,1,1,2-Tetrachloroethane	CT, NH, NY, ME, VA
1,1,2,2-Tetrachloroethane	CT, NH, NY, ME, VA
Tetrachloroethylene	CT, NH, NY, ME, VA
Toluene	CT, NH, NY, ME, VA
1,2,3-Trichlorobenzene	ME
1,2,4-Trichlorobenzene	NH, NY, ME, VA
1,3,5-Trichlorobenzene	ME
1,1,1-Trichloroethane	CT, NH, NY, ME, VA
1,1,2-Trichloroethane	CT, NH, NY, ME, VA
Trichloroethylene	CT, NH, NY, ME, VA
Trichlorofluoromethane (Freon 11)	CT, NH, NY, ME, VA
1,2,3-Trichloropropane	NH, NY, ME, VA
1,2,4-Trimethylbenzene	CT, NH, NY, ME, VA
1,3,5-Trimethylbenzene	CT, NH, NY, ME, VA
Vinyl Chloride	CT, NH, NY, ME, VA
m+p Xylene	CT, NH, NY, ME, VA
o-Xylene	CT, NH, NY, ME, VA
<i>SW-846 8260C in Water</i>	
Acetone	CT, NY, ME, NH, VA
Acrylonitrile	CT, NY, ME, NH, RI, VA
tert-Amyl Methyl Ether (TAME)	NY, ME, NH, VA
Benzene	CT, NY, ME, NH, RI, VA
Bromochloromethane	NY, ME, NH, VA
Bromodichloromethane	CT, NY, ME, NH, RI, VA
Bromoform	CT, NY, ME, NH, RI, VA
Bromomethane	CT, NY, ME, NH, RI, VA
2-Butanone (MEK)	CT, NY, ME, NH, VA
tert-Butyl Alcohol (TBA)	NY, ME, NH, VA
n-Butylbenzene	NY, ME, VA
sec-Butylbenzene	NY, ME, VA
tert-Butylbenzene	NY, ME, VA
tert-Butyl Ethyl Ether (TBEE)	NY, ME, NH, VA
Carbon Disulfide	CT, NY, ME, NH, VA
Carbon Tetrachloride	CT, NY, ME, NH, RI, VA
Chlorobenzene	CT, NY, ME, NH, RI, VA
Chlorodibromomethane	CT, NY, ME, NH, RI, VA
Chloroethane	CT, NY, ME, NH, RI, VA
Chloroform	CT, NY, ME, NH, RI, VA
Chloromethane	CT, NY, ME, NH, RI, VA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8260C in Water</i>	
2-Chlorotoluene	NY,ME,NH,VA
4-Chlorotoluene	NY,ME,NH,VA
Dibromomethane	NY,ME,NH,VA
1,2-Dichlorobenzene	CT,NY,ME,NH,RI,VA
1,3-Dichlorobenzene	CT,NY,ME,NH,RI,VA
1,4-Dichlorobenzene	CT,NY,ME,NH,RI,VA
trans-1,4-Dichloro-2-butene	NY,ME,NH,VA
Dichlorodifluoromethane (Freon 12)	NY,ME,NH,RI,VA
1,1-Dichloroethane	CT,NY,ME,NH,RI,VA
1,2-Dichloroethane	CT,NY,ME,NH,RI,VA
1,1-Dichloroethylene	CT,NY,ME,NH,RI,VA
cis-1,2-Dichloroethylene	NY,ME
trans-1,2-Dichloroethylene	CT,NY,ME,NH,RI,VA
1,2-Dichloropropane	CT,NY,ME,NH,RI,VA
1,3-Dichloropropane	NY,ME,VA
2,2-Dichloropropane	NY,ME,NH,VA
1,1-Dichloropropene	NY,ME,NH,VA
cis-1,3-Dichloropropene	CT,NY,ME,NH,RI,VA
trans-1,3-Dichloropropene	CT,NY,ME,NH,RI,VA
Diisopropyl Ether (DIPE)	NY,ME,NH,VA
Ethylbenzene	CT,NY,ME,NH,RI,VA
Hexachlorobutadiene	CT,NY,ME,NH,VA
2-Hexanone (MBK)	CT,NY,ME,NH,VA
Isopropylbenzene (Cumene)	NY,ME,VA
p-Isopropyltoluene (p-Cymene)	CT,NY,ME,NH,VA
Methyl tert-Butyl Ether (MTBE)	CT,NY,ME,NH,VA
Methylene Chloride	CT,NY,ME,NH,RI,VA
4-Methyl-2-pentanone (MIBK)	CT,NY,ME,NH,VA
Naphthalene	NY,ME,NH,VA
n-Propylbenzene	CT,NY,ME,NH,VA
Styrene	CT,NY,ME,NH,VA
1,1,1,2-Tetrachloroethane	CT,NY,ME,NH,VA
1,1,2,2-Tetrachloroethane	CT,NY,ME,NH,RI,VA
Tetrachloroethylene	CT,NY,ME,NH,RI,VA
Toluene	CT,NY,ME,NH,RI,VA
1,2,3-Trichlorobenzene	NY,ME,NH,VA
1,2,4-Trichlorobenzene	CT,NY,ME,NH,VA
1,3,5-Trichlorobenzene	ME
1,1,1-Trichloroethane	CT,NY,ME,NH,RI,VA
1,1,2-Trichloroethane	CT,NY,ME,NH,RI,VA
Trichloroethylene	CT,NY,ME,NH,RI,VA
Trichlorofluoromethane (Freon 11)	CT,NY,ME,NH,RI,VA
1,2,3-Trichloropropane	NY,ME,NH,VA
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NY,VA
1,2,4-Trimethylbenzene	NY,ME,VA
1,3,5-Trimethylbenzene	NY,ME,VA
Vinyl Chloride	CT,NY,ME,NH,RI,VA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Water	
m+p Xylene	CT,NY,ME,NH,RI,VA
o-Xylene	CT,NY,ME,NH,RI,VA
SW-846 8270D in Soil	
Acenaphthene	CT,NY,NH,ME,NC
Acenaphthylene	CT,NY,NH,ME,NC
Acetophenone	NY,NH,ME,NC
Aniline	NY,NH,ME,NC
Anthracene	CT,NY,NH,ME,NC
Benzidine	CT,NY,NH,ME,NC
Benzo(a)anthracene	CT,NY,NH,ME,NC
Benzo(a)pyrene	CT,NY,NH,ME,NC
Benzo(b)fluoranthene	CT,NY,NH,ME,NC
Benzo(g,h,i)perylene	CT,NY,NH,ME,NC
Benzo(k)fluoranthene	CT,NY,NH,ME,NC
Benzoic Acid	NY,NH,ME,NC
Bis(2-chloroethoxy)methane	CT,NY,NH,ME,NC
Bis(2-chloroethyl)ether	CT,NY,NH,ME,NC
Bis(2-chloroisopropyl)ether	CT,NY,NH,ME,NC
Bis(2-Ethylhexyl)phthalate	CT,NY,NH,ME,NC
4-Bromophenylphenylether	CT,NY,NH,ME,NC
Butylbenzylphthalate	CT,NY,NH,ME,NC
Carbazole	NC
4-Chloroaniline	CT,NY,NH,ME,NC
4-Chloro-3-methylphenol	CT,NY,NH,ME,NC
2-Chloronaphthalene	CT,NY,NH,NC
2-Chlorophenol	CT,NY,NH,ME,NC
4-Chlorophenylphenylether	CT,NY,NH,ME,NC
Chrysene	CT,NY,NH,ME,NC
Dibenz(a,h)anthracene	CT,NY,NH,ME,NC
Dibenzofuran	CT,NY,NH,ME,NC
Di-n-butylphthalate	CT,NY,NH,ME,NC
1,2-Dichlorobenzene	NY,NH,ME,NC
1,3-Dichlorobenzene	NY,NH,ME,NC
1,4-Dichlorobenzene	NY,NH,ME,NC
3,3-Dichlorobenzidine	CT,NY,NH,ME,NC
2,4-Dichlorophenol	CT,NY,NH,ME,NC
Diethylphthalate	CT,NY,NH,ME,NC
2,4-Dimethylphenol	CT,NY,NH,ME,NC
Dimethylphthalate	CT,NY,NH,ME,NC
4,6-Dinitro-2-methylphenol	CT,NY,NH,ME,NC
2,4-Dinitrophenol	CT,NY,NH,ME,NC
2,4-Dinitrotoluene	CT,NY,NH,ME,NC
2,6-Dinitrotoluene	CT,NY,NH,ME,NC
Di-n-octylphthalate	CT,NY,NH,ME,NC
1,2-Diphenylhydrazine (as Azobenzene)	NY,NH,ME,NC
Fluoranthene	CT,NY,NH,ME,NC

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8270D in Soil</i>	
Fluorene	NY,NH,ME,NC
Hexachlorobenzene	CT,NY,NH,ME,NC
Hexachlorobutadiene	CT,NY,NH,ME,NC
Hexachlorocyclopentadiene	CT,NY,NH,ME,NC
Hexachloroethane	CT,NY,NH,ME,NC
Indeno(1,2,3-cd)pyrene	CT,NY,NH,ME,NC
Isophorone	CT,NY,NH,ME,NC
1-Methylnaphthalene	NC
2-Methylnaphthalene	CT,NY,NH,ME,NC
2-Methylphenol	CT,NY,NH,ME,NC
3/4-Methylphenol	CT,NY,NH,ME,NC
Naphthalene	CT,NY,NH,ME,NC
2-Nitroaniline	CT,NY,NH,ME,NC
3-Nitroaniline	CT,NY,NH,ME,NC
4-Nitroaniline	CT,NY,NH,ME,NC
Nitrobenzene	CT,NY,NH,ME,NC
2-Nitrophenol	CT,NY,NH,ME,NC
4-Nitrophenol	CT,NY,NH,ME,NC
N-Nitrosodimethylamine	CT,NY,NH,ME,NC
N-Nitrosodiphenylamine	CT,NY,NH,ME,NC
N-Nitrosodi-n-propylamine	CT,NY,NH,ME,NC
Pentachloronitrobenzene	NC
Pentachlorophenol	CT,NY,NH,ME,NC
Phenanthrene	CT,NY,NH,ME,NC
Phenol	CT,NY,NH,ME,NC
Pyrene	CT,NY,NH,ME,NC
Pyridine	CT,NY,NH,ME,NC
1,2,4,5-Tetrachlorobenzene	NC
1,2,4-Trichlorobenzene	CT,NY,NH,ME,NC
2,4,5-Trichlorophenol	CT,NY,NH,ME,NC
2,4,6-Trichlorophenol	CT,NY,NH,ME,NC
2-Fluorophenol	NC
<i>SW-846 8270D in Water</i>	
Acenaphthene	CT,NY,NC,ME,NH,RI
Acenaphthylene	CT,NY,NC,ME,NH,RI
Acetophenone	NC
Aniline	CT,NY,NC,ME
Anthracene	CT,NY,NC,ME,NH,RI
Benzidine	CT,NY,NC,ME,NH
Benzo(a)anthracene	CT,NY,NC,ME,NH,RI
Benzo(a)pyrene	CT,NY,NC,ME,NH,RI
Benzo(b)fluoranthene	CT,NY,NC,ME,NH,RI
Benzo(g,h,i)perylene	CT,NY,NC,ME,NH,RI
Benzo(k)fluoranthene	CT,NY,NC,ME,NH,RI
Benzoic Acid	NY,NC,ME,NH
Bis(2-chloroethoxy)methane	CT,NY,NC,ME,NH,RI

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8270D in Water</i>	
Bis(2-chloroethyl)ether	CT,NY,NC,ME,NH,RI
Bis(2-chloroisopropyl)ether	CT,NY,NC,ME,NH,RI
Bis(2-Ethylhexyl)phthalate	CT,NY,NC,ME,NH,RI
4-Bromophenylphenylether	CT,NY,NC,ME,NH,RI
Butylbenzylphthalate	CT,NY,NC,ME,NH,RI
Carbazole	NC
4-Chloroaniline	CT,NY,NC,ME,NH
4-Chloro-3-methylphenol	CT,NY,NC,ME,NH,RI
2-Chloronaphthalene	CT,NY,NC,ME,NH,RI
2-Chlorophenol	CT,NY,NC,ME,NH,RI
4-Chlorophenylphenylether	CT,NY,NC,ME,NH,RI
Chrysene	CT,NY,NC,ME,NH,RI
Dibenz(a,h)anthracene	CT,NY,NC,ME,NH,RI
Dibenzofuran	CT,NY,NC,ME,NH
Di-n-butylphthalate	CT,NY,NC,ME,NH,RI
1,2-Dichlorobenzene	CT,NY,NC,ME,NH,RI
1,3-Dichlorobenzene	CT,NY,NC,ME,NH,RI
1,4-Dichlorobenzene	CT,NY,NC,ME,NH,RI
3,3-Dichlorobenzidine	CT,NY,NC,ME,NH,RI
2,4-Dichlorophenol	CT,NY,NC,ME,NH,RI
Diethylphthalate	CT,NY,NC,ME,NH,RI
2,4-Dimethylphenol	CT,NY,NC,ME,NH,RI
Dimethylphthalate	CT,NY,NC,ME,NH,RI
4,6-Dinitro-2-methylphenol	CT,NY,NC,ME,NH,RI
2,4-Dinitrophenol	CT,NY,NC,ME,NH,RI
2,4-Dinitrotoluene	CT,NY,NC,ME,NH,RI
2,6-Dinitrotoluene	CT,NY,NC,ME,NH,RI
Di-n-octylphthalate	CT,NY,NC,ME,NH,RI
1,2-Diphenylhydrazine (as Azobenzene)	NC
Fluoranthene	CT,NY,NC,ME,NH,RI
Fluorene	NY,NC,ME,NH,RI
Hexachlorobenzene	CT,NY,NC,ME,NH,RI
Hexachlorobutadiene	CT,NY,NC,ME,NH,RI
Hexachlorocyclopentadiene	CT,NY,NC,ME,NH,RI
Hexachloroethane	CT,NY,NC,ME,NH,RI
Indeno(1,2,3-cd)pyrene	CT,NY,NC,ME,NH,RI
Isophorone	CT,NY,NC,ME,NH,RI
1-Methylnaphthalene	NC
2-Methylnaphthalene	CT,NY,NC,ME,NH
2-Methylphenol	CT,NY,NC,NH
3/4-Methylphenol	CT,NY,NC,NH
Naphthalene	CT,NY,NC,ME,NH,RI
2-Nitroaniline	CT,NY,NC,ME,NH
3-Nitroaniline	CT,NY,NC,ME,NH
4-Nitroaniline	CT,NY,NC,ME,NH
Nitrobenzene	CT,NY,NC,ME,NH,RI
2-Nitrophenol	CT,NY,NC,ME,NH,RI

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270D in Water	
4-Nitrophenol	CT,NY,NC,ME,NH,RI
N-Nitrosodimethylamine	CT,NY,NC,ME,NH,RI
N-Nitrosodiphenylamine	CT,NY,NC,ME,NH,RI
N-Nitrosodi-n-propylamine	CT,NY,NC,ME,NH,RI
Pentachloronitrobenzene	NC
Pentachlorophenol	CT,NY,NC,ME,NH,RI
Phenanthrene	CT,NY,NC,ME,NH,RI
Phenol	CT,NY,NC,ME,NH,RI
Pyrene	CT,NY,NC,ME,NH,RI
Pyridine	CT,NY,NC,ME,NH
1,2,4,5-Tetrachlorobenzene	NC
1,2,4-Trichlorobenzene	CT,NY,NC,ME,NH,RI
2,4,5-Trichlorophenol	CT,NY,NC,ME,NH
2,4,6-Trichlorophenol	CT,NY,NC,ME,NH,RI
2-Fluorophenol	NC

SW-846 9014 in Soil

Cyanide	NY,CT,NC,ME,NH

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2014
MA	Massachusetts DEP	M-MA100	06/30/2013
CT	Connecticut Department of Public Health	PH-0567	09/30/2013
NY	New York State Department of Health	10899 NELAP	04/1/2013
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2013
RI	Rhode Island Department of Health	LAO00112	12/30/2012
NC	North Carolina Div. of Water Quality	652	12/31/2012
NJ	New Jersey DEP	MA007 NELAP	06/30/2013
FL	Florida Department of Health	E871027 NELAP	06/30/2013
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2013
WA	State of Washington Department of Ecology	C2065	02/23/2013
ME	State of Maine	2011028	06/9/2013
VA	Commonwealth of Virginia	460217	12/14/2012
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2012



Phone: 413-525-2332
Fax: 413-525-6405
Email: info@con-testlabs.com
www.con-testlabs.com

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Page _____ of _____

Company Name: TRC Engineers, Inc.

Telephone: (412) 221-7822

Address: 1430 Broadway, 10th Fl

Project # 105072.0000.0000

New York, NY

Client PO# 410919

Attention: Charles Ender

DATA DELIVERY (check all that apply)
☐ FAX ☐ EMAIL ☐ WEBSITE

Project Location: 1185 8th St / 203 9th St BK, NY

Sampled By: J. Raup / L. Metcalf

Project Proposal Provided? (for billing purposes)
☐ yes ☐ no
proposal date

Format: ☐ PDF ☐ EXCEL ☐ OGIS
☐ OTHER

Collection: ☐ "Enhanced Data Package"

Con-Test Lab ID

Beginning Date/Time

Ending Date/Time

Composite

Grab

*Matrix Code

Lab Code

Client Sample ID / Description

Beginning Date/Time

Ending Date/Time

Composite

Grab

*Matrix Code

Lab Code

TRC-SB3 (1-41)

11/16/12

09:30

X

S

X

X

TRC-SB3 (17-19)

11/16/12

09:40

X

S

X

X

TRC-SB3 (5-7)

11/16/12

09:45

X

S

X

X

TRC-SB4 (1-41)

11/16/12

11:00

X

S

X

X

TRC-SB4 (17-19)

11/16/12

11:20

X

S

X

X

TRC-DUP2

11/16/12

11:15

X

S

X

X

TRIP BLANK 2

11/16/12

09:36

X

WW

X

X

TRC-SB4 (1-41)

11/16/12

11:40

X

GW

X

X

TRC-SB4 (17-19)

11/16/12

13:30

X

S

X

X

TRC-SB4 (17-19)

11/16/12

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TRC-SB4 (17-19)

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TRC-SB4 (17-19)

11/16/12

13:40

X

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X

X

TRC-SB4 (17-19)

11/16/12

13:40

X

S

X

X

of Containers

Preservation

***Container Code

Dissolved Metals

Field Filtered

Lab to Filter

***Cont. Code:

A=amber glass

G=glass

P=plastic

ST=sterile

V=vial

S=summa can

T=tedlar bag

O=Other

***Preservation

I=ice

H=HCL

M=Methanol

N=Nitric Acid

S=Sulfuric Acid

B=Sodium Bisulfate

X=Na hydroxide

T=Na thiosulfate

O=Other

***Matrix Code:

GW=groundwater

WW=wastewater

DW=drinking water

A=air

S=soil/solid

Sl=sludge

O=other

Is your project MCP or RCP?

MCP Form Required

RCP Form Required

MA State DW Form Required

PWSID #

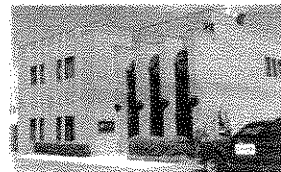
NEIAC & AIHA-LAP, LLC

Accredited

WBE/DBE Certified

TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT. PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

39 Spruce St.
East Longmeadow, MA. 01028
P: 413-525-2332
F: 413-525-6405
www.contestlabs.com



Sample Receipt Checklist

CLIENT NAME: TLC RECEIVED BY: WJ DATE: 11-16-12

1) Was the chain(s) of custody relinquished and signed? Yes Yes No No No CoC Included

2) Does the chain agree with the samples?

If not, explain:

3) Are all the samples in good condition?

If not, explain:

4) How were the samples received:

On Ice ☒ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☒

Were the samples received in Temperature Compliance of (2-6°C)? Yes Yes No No N/A

Temperature °C by Temp blank _____ Temperature °C by Temp gun 5.7

5) Are there Dissolved samples for the lab to filter? Yes No

Who was notified _____ Date _____ Time _____

6) Are there any RUSH or SHORT HOLDING TIME samples? Yes No KM

Who was notified AED Date 11/16/12 Time 20:05

7) Location where samples are stored:

19

Permission to subcontract samples? Yes No

(Walk-in clients only) if not already approved

Client Signature: _____

8) Do all samples have the proper Acid pH: Yes Yes No No N/A

9) Do all samples have the proper Base pH: Yes No N/A N/A

10) Was the PC notified of any discrepancies with the CoC vs the samples: Yes No N/A

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber	<u>4</u>	8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)	<u>10</u>	2 oz amber/clear jar	<u>1</u>
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic	<u>4</u>	Plastic Bag / Ziploc	
40 mL Vial - type listed below	<u>10</u>	PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore	<u>7</u>	TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments: Received 1 methanol vial NOT ON COC

40 mL vials: # HCl 9 # Methanol 1

Doc# 277 # Bisulfate _____ # DI Water _____

Rev. 3 May 2012 # Thiosulfate _____ Unpreserved _____

Time and Date Frozen: _____

November 26, 2012

Charles Guder
TRC Environmental Corp - NY
1430 Broadway 10th Floor
New York, NY 10018

Project Location: 168 8th St./203 9th St., BK, NY
Client Job Number:
Project Number: 195072
Laboratory Work Order Number: 12K0633

Enclosed are results of analyses for samples received by the laboratory on November 16, 2012. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, reading "Meghan E. Kelley". The signature is written in a cursive, flowing style.

Meghan E. Kelley
Project Manager

TRC Environmental Corp - NY
1430 Broadway 10th Floor
New York, NY 10018
ATTN: Charles Guder

REPORT DATE: 11/26/2012

PURCHASE ORDER NUMBER: 46919

PROJECT NUMBER: 195072

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 12K0633

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 168 8th St./203 9th St., BK, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
TRC-SG 2	12K0633-01	Soil Gas		EPA TO-15	
TRC-SG 3	12K0633-02	Soil Gas		EPA TO-15	
TRC-SG 4	12K0633-03	Soil Gas		EPA TO-15	

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

EPA TO-15

Qualifications:

Elevated reporting limit due to matrix.

Analyte & Samples(s) Qualified:

12K0633-03[TRC-SG 4]

Elevated reporting limit due to high concentration of an interfering analyte(s).

Analyte & Samples(s) Qualified:

12K0633-01[TRC-SG 2], 12K0633-02[TRC-SG 3]

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Michael A. Erickson
Laboratory Director

ANALYTICAL RESULTS

Project Location: 168 8th St./203 9th St., BK, NY
Date Received: 11/16/2012
Field Sample #: TRC-SG 2
Sample ID: 12K0633-01
Sample Matrix: Soil Gas
Sampled: 11/12/2012 15:10

Sample Description/Location:
Sub Description/Location:
Canister ID: 1486
Canister Size: 6 liter
Flow Controller ID: 4237
Sample Type: 1 hr

Work Order: 12K0633
Initial Vacuum(in Hg): -29
Final Vacuum(in Hg): -3
Receipt Vacuum(in Hg): -3.7
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

Sample Flags: DL-04

Sample Flags: DL-04

Analyte	ppbv		Flag	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Benzene	4.6	0.10		15	0.32	2	11/20/12 15:17	TPH	
Carbon Tetrachloride	ND	0.10		ND	0.63	2	11/20/12 15:17	TPH	
Chlorobenzene	ND	0.10		ND	0.46	2	11/20/12 15:17	TPH	
Chloroethane	ND	0.10		ND	0.26	2	11/20/12 15:17	TPH	
Chloromethane	ND	0.10		ND	0.21	2	11/20/12 15:17	TPH	
1,2-Dichlorobenzene	ND	0.10		ND	0.60	2	11/20/12 15:17	TPH	
1,3-Dichlorobenzene	ND	0.10		ND	0.60	2	11/20/12 15:17	TPH	
1,1-Dichloroethane	ND	0.10		ND	0.40	2	11/20/12 15:17	TPH	
1,2-Dichloroethane	ND	0.10		ND	0.40	2	11/20/12 15:17	TPH	
1,1-Dichloroethylene	ND	0.10		ND	0.40	2	11/20/12 15:17	TPH	
cis-1,2-Dichloroethylene	7.9	0.10		32	0.40	2	11/20/12 15:17	TPH	
trans-1,2-Dichloroethylene	0.61	0.10		2.4	0.40	2	11/20/12 15:17	TPH	
1,2-Dichloropropane	ND	0.10		ND	0.46	2	11/20/12 15:17	TPH	
Ethylbenzene	37	0.10		160	0.43	2	11/20/12 15:17	TPH	
Methyl tert-Butyl Ether (MTBE)	ND	0.10		ND	0.36	2	11/20/12 15:17	TPH	
Methylene Chloride	ND	1.0		ND	3.5	2	11/20/12 15:17	TPH	
Naphthalene	1.8	0.10		9.3	0.52	2	11/20/12 15:17	TPH	
Tetrachloroethylene	70	0.10		480	0.68	2	11/20/12 15:17	TPH	
Toluene	170	2.0		630	7.5	40	11/20/12 9:22	TPH	
1,1,1-Trichloroethane	0.87	0.10		4.7	0.55	2	11/20/12 15:17	TPH	
Trichloroethylene	1100	2.0		5700	11	40	11/20/12 9:22	TPH	
1,2,4-Trimethylbenzene	92	0.10		450	0.49	2	11/20/12 15:17	TPH	
1,3,5-Trimethylbenzene	34	0.10		160	0.49	2	11/20/12 15:17	TPH	
Vinyl Chloride	ND	0.10		ND	0.26	2	11/20/12 15:17	TPH	
m&p-Xylene	130	0.20		570	0.87	2	11/20/12 15:17	TPH	
o-Xylene	71	0.10		310	0.43	2	11/20/12 15:17	TPH	

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	113	70-130	11/20/12 9:22
4-Bromofluorobenzene (1)	116	70-130	11/20/12 15:17

ANALYTICAL RESULTS

Project Location: 168 8th St./203 9th St., BK, NY
Date Received: 11/16/2012
Field Sample #: TRC-SG 3
Sample ID: 12K0633-02
Sample Matrix: Soil Gas
Sampled: 11/16/2012 11:25

Sample Description/Location:
Sub Description/Location:
Canister ID: 1056
Canister Size: 6 liter
Flow Controller ID: 4241
Sample Type: 1 hr

Work Order: 12K0633
Initial Vacuum(in Hg): -27
Final Vacuum(in Hg): -1
Receipt Vacuum(in Hg): -2.1
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

Sample Flags: DL-04

Sample Flags: DL-04

Analyte	ppbv		Flag	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Benzene	3.3	0.10		10	0.32	2	11/20/12	8:41	TPH
Carbon Tetrachloride	ND	0.10		ND	0.63	2	11/20/12	8:41	TPH
Chlorobenzene	ND	0.10		ND	0.46	2	11/20/12	8:41	TPH
Chloroethane	ND	0.10		ND	0.26	2	11/20/12	8:41	TPH
Chloromethane	ND	0.10		ND	0.21	2	11/20/12	8:41	TPH
1,2-Dichlorobenzene	0.21	0.10		1.3	0.60	2	11/20/12	8:41	TPH
1,3-Dichlorobenzene	ND	0.10		ND	0.60	2	11/20/12	8:41	TPH
1,1-Dichloroethane	ND	0.10		ND	0.40	2	11/20/12	8:41	TPH
1,2-Dichloroethane	ND	0.10		ND	0.40	2	11/20/12	8:41	TPH
1,1-Dichloroethylene	ND	0.10		ND	0.40	2	11/20/12	8:41	TPH
cis-1,2-Dichloroethylene	ND	0.10		ND	0.40	2	11/20/12	8:41	TPH
trans-1,2-Dichloroethylene	ND	0.10		ND	0.40	2	11/20/12	8:41	TPH
1,2-Dichloropropane	ND	0.10		ND	0.46	2	11/20/12	8:41	TPH
Ethylbenzene	1.3	0.10		5.5	0.43	2	11/20/12	8:41	TPH
Methyl tert-Butyl Ether (MTBE)	ND	0.10		ND	0.36	2	11/20/12	8:41	TPH
Methylene Chloride	ND	1.0		ND	3.5	2	11/20/12	8:41	TPH
Naphthalene	0.65	0.10		3.4	0.52	2	11/20/12	8:41	TPH
Tetrachloroethylene	14	0.10		95	0.68	2	11/20/12	8:41	TPH
Toluene	4.9	0.10		19	0.38	2	11/20/12	8:41	TPH
1,1,1-Trichloroethane	1.3	0.10		6.9	0.55	2	11/20/12	8:41	TPH
Trichloroethylene	750	1.0		4000	5.4	20	11/19/12	4:34	TPH
1,2,4-Trimethylbenzene	5.3	0.10		26	0.49	2	11/20/12	8:41	TPH
1,3,5-Trimethylbenzene	1.5	0.10		7.6	0.49	2	11/20/12	8:41	TPH
Vinyl Chloride	ND	0.10		ND	0.26	2	11/20/12	8:41	TPH
m&p-Xylene	3.8	0.20		17	0.87	2	11/20/12	8:41	TPH
o-Xylene	1.8	0.10		7.9	0.43	2	11/20/12	8:41	TPH

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	112	70-130	11/20/12 8:41
4-Bromofluorobenzene (1)	110	70-130	11/19/12 4:34

ANALYTICAL RESULTS

Project Location: 168 8th St./203 9th St., BK, NY
Date Received: 11/16/2012
Field Sample #: TRC-SG 4
Sample ID: 12K0633-03
Sample Matrix: Soil Gas
Sampled: 11/16/2012 12:54

Sample Description/Location:
Sub Description/Location:
Canister ID: 1843
Canister Size: 6 liter
Flow Controller ID: 4228
Sample Type: 1 hr

Work Order: 12K0633
Initial Vacuum(in Hg): -27
Final Vacuum(in Hg): -2
Receipt Vacuum(in Hg): -3.9
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

Sample Flags: DL-03

Sample Flags: DL-05

Analyte	ppbv		Flag	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Benzene	1.6	0.10		5.1	0.32	2	11/20/12	8:01	TPH
Carbon Tetrachloride	ND	0.10		ND	0.63	2	11/20/12	8:01	TPH
Chlorobenzene	ND	0.10		ND	0.46	2	11/20/12	8:01	TPH
Chloroethane	ND	0.10		ND	0.26	2	11/20/12	8:01	TPH
Chloromethane	ND	0.10		ND	0.21	2	11/20/12	8:01	TPH
1,2-Dichlorobenzene	ND	0.10		ND	0.60	2	11/20/12	8:01	TPH
1,3-Dichlorobenzene	ND	0.10		ND	0.60	2	11/20/12	8:01	TPH
1,1-Dichloroethane	ND	0.10		ND	0.40	2	11/20/12	8:01	TPH
1,2-Dichloroethane	ND	0.10		ND	0.40	2	11/20/12	8:01	TPH
1,1-Dichloroethylene	ND	0.10		ND	0.40	2	11/20/12	8:01	TPH
cis-1,2-Dichloroethylene	ND	0.10		ND	0.40	2	11/20/12	8:01	TPH
trans-1,2-Dichloroethylene	ND	0.10		ND	0.40	2	11/20/12	8:01	TPH
1,2-Dichloropropane	ND	0.10		ND	0.46	2	11/20/12	8:01	TPH
Ethylbenzene	1.2	0.10		5.2	0.43	2	11/20/12	8:01	TPH
Methyl tert-Butyl Ether (MTBE)	0.10	0.10		0.37	0.36	2	11/20/12	8:01	TPH
Methylene Chloride	ND	1.0		ND	3.5	2	11/20/12	8:01	TPH
Naphthalene	0.64	0.10		3.4	0.52	2	11/20/12	8:01	TPH
Tetrachloroethylene	1.2	0.10		7.9	0.68	2	11/20/12	8:01	TPH
Toluene	3.7	0.10		14	0.38	2	11/20/12	8:01	TPH
1,1,1-Trichloroethane	0.44	0.10		2.4	0.55	2	11/20/12	8:01	TPH
Trichloroethylene	33	0.10		180	0.54	2	11/20/12	8:01	TPH
1,2,4-Trimethylbenzene	7.1	0.10		35	0.49	2	11/20/12	8:01	TPH
1,3,5-Trimethylbenzene	2.1	0.10		10	0.49	2	11/20/12	8:01	TPH
Vinyl Chloride	ND	0.10		ND	0.26	2	11/20/12	8:01	TPH
m&p-Xylene	4.2	0.20		18	0.87	2	11/20/12	8:01	TPH
o-Xylene	2.1	0.10		9.0	0.43	2	11/20/12	8:01	TPH

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	112	70-130	11/20/12 8:01

Sample Extraction Data**Prep Method: TO-15 Prep-EPA TO-15**

Lab Number [Field ID]	Batch	Pressure Dilution	Pre Dilution	Pre-Dil Initial mL	Pre-Dil Final mL	Default Injection mL	Actual Injection mL	Date
12K0633-01 [TRC-SG 2]	B063369	1	1	N/A	1000	400	200	11/19/12
12K0633-01RE1 [TRC-SG 2]	B063369	1	1	N/A	1000	400	10	11/19/12
12K0633-02 [TRC-SG 3]	B063369	1	1	N/A	1000	400	200	11/19/12
12K0633-03 [TRC-SG 4]	B063369	1	1	N/A	1000	400	200	11/19/12

Prep Method: TO-15 Prep-EPA TO-15

Lab Number [Field ID]	Batch	Pressure Dilution	Pre Dilution	Pre-Dil Initial mL	Pre-Dil Final mL	Default Injection mL	Actual Injection mL	Date
12K0633-02RE1 [TRC-SG 3]	B063370	1	1	N/A	1000	400	20	11/18/12

QUALITY CONTROL

Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv		ug/m3		Spike Level ppbv	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
	Results	RL	Results	RL							

Batch B063369 - TO-15 Prep

Blank (B063369-BLK1)

Prepared & Analyzed: 11/19/12

Benzene	ND	0.025
Carbon Tetrachloride	ND	0.025
Chlorobenzene	ND	0.025
Chloroethane	ND	0.025
Chloromethane	ND	0.025
1,2-Dichlorobenzene	ND	0.025
1,3-Dichlorobenzene	ND	0.025
1,1-Dichloroethane	ND	0.025
1,2-Dichloroethane	ND	0.025
1,1-Dichloroethylene	ND	0.025
cis-1,2-Dichloroethylene	ND	0.025
trans-1,2-Dichloroethylene	ND	0.025
1,2-Dichloropropane	ND	0.025
Ethylbenzene	ND	0.025
Methyl tert-Butyl Ether (MTBE)	ND	0.025
Methylene Chloride	ND	0.25
Naphthalene	ND	0.025
Tetrachloroethylene	ND	0.025
Toluene	ND	0.025
1,1,1-Trichloroethane	ND	0.025
Trichloroethylene	ND	0.025
1,2,4-Trimethylbenzene	ND	0.025
1,3,5-Trimethylbenzene	ND	0.025
Vinyl Chloride	ND	0.025
m&p-Xylene	ND	0.050
o-Xylene	ND	0.025

Surrogate: 4-Bromofluorobenzene (1)	8.75	8.00	109	70-130

QUALITY CONTROL
Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv		ug/m3		Spike Level ppbv	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
	Results	RL	Results	RL							

Batch B063369 - TO-15 Prep
LCS (B063369-BS1)

Prepared & Analyzed: 11/19/12

Benzene	3.99				5.00		79.7	70-130			
Carbon Tetrachloride	4.48				5.00		89.5	70-130			
Chlorobenzene	4.76				5.00		95.1	70-130			
Chloroethane	4.43				5.00		88.6	70-130			
Chloromethane	3.89				5.00		77.8	70-130			
1,2-Dichlorobenzene	5.56				5.00		111	70-130			
1,3-Dichlorobenzene	5.42				5.00		108	70-130			
1,1-Dichloroethane	5.07				5.00		101	70-130			
1,2-Dichloroethane	4.86				5.00		97.3	70-130			
1,1-Dichloroethylene	4.71				5.00		94.1	70-130			
cis-1,2-Dichloroethylene	5.02				5.00		100	70-130			
trans-1,2-Dichloroethylene	4.69				5.00		93.7	70-130			
1,2-Dichloropropane	3.76				5.00		75.1	70-130			
Ethylbenzene	4.50				5.00		90.1	70-130			
Methyl tert-Butyl Ether (MTBE)	5.38				5.00		108	70-130			
Methylene Chloride	4.22				5.00		84.4	70-130			
Naphthalene	3.79				5.00		75.7	70-130			
Tetrachloroethylene	5.46				5.00		109	70-130			
Toluene	4.42				5.00		88.3	70-130			
1,1,1-Trichloroethane	4.27				5.00		85.4	70-130			
Trichloroethylene	4.31				5.00		86.1	70-130			
1,2,4-Trimethylbenzene	4.66				5.00		93.2	70-130			
1,3,5-Trimethylbenzene	4.54				5.00		90.8	70-130			
Vinyl Chloride	4.09				5.00		81.7	70-130			
m&p-Xylene	8.90				10.0		89.0	70-130			
o-Xylene	4.44				5.00		88.9	70-130			
Surrogate: 4-Bromofluorobenzene (1)	8.73				8.00		109	70-130			

QUALITY CONTROL

Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv		ug/m3		Spike Level ppbv	Source Result	%REC Limits	RPD	RPD Limit	Flag
	Results	RL	Results	RL						

Batch B063370 - TO-15 Prep

Blank (B063370-BLK1)

Prepared & Analyzed: 11/18/12

Trichloroethylene	ND	0.025								
Surrogate: 4-Bromofluorobenzene (1)	8.87				8.00		111		70-130	

LCS (B063370-BS1)

Prepared & Analyzed: 11/18/12

Trichloroethylene	4.43				5.00		88.6		70-130	
Surrogate: 4-Bromofluorobenzene (1)	8.90				8.00		111		70-130	

FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
DL-03	Elevated reporting limit due to matrix.
DL-04	Elevated reporting limit due to high concentration of an interfering analyte(s).

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA TO-15 in Air	
Benzene	AIHA,FL,NJ,NY,VA
Carbon Tetrachloride	AIHA,FL,NJ,NY,VA
Chlorobenzene	AIHA,FL,NJ,NY,VA
Chloroethane	AIHA,FL,NJ,NY,VA
Chloromethane	AIHA,FL,NJ,NY,VA
1,2-Dichlorobenzene	AIHA,FL,NJ,NY,VA
1,3-Dichlorobenzene	AIHA,NJ,NY
1,1-Dichloroethane	AIHA,FL,NJ,NY,VA
1,2-Dichloroethane	AIHA,FL,NJ,NY,VA
1,1-Dichloroethylene	AIHA,FL,NJ,NY,VA
cis-1,2-Dichloroethylene	AIHA,FL,NY,VA
trans-1,2-Dichloroethylene	AIHA,NJ,NY,VA
1,2-Dichloropropane	AIHA,FL,NJ,NY,VA
Ethylbenzene	AIHA,FL,NJ,NY,VA
Methyl tert-Butyl Ether (MTBE)	AIHA,FL,NJ,NY,VA
Methylene Chloride	AIHA,FL,NJ,NY,VA
Naphthalene	NY
Tetrachloroethylene	AIHA,FL,NJ,NY,VA
Toluene	AIHA,FL,NJ,NY,VA
1,1,1-Trichloroethane	AIHA,FL,NJ,NY,VA
Trichloroethylene	AIHA,FL,NJ,NY,VA
1,2,4-Trimethylbenzene	AIHA,NJ,NY
1,3,5-Trimethylbenzene	AIHA,NJ,NY
Vinyl Chloride	AIHA,FL,NJ,NY,VA
m&p-Xylene	AIHA,FL,NJ,NY,VA
o-Xylene	AIHA,FL,NJ,NY,VA

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2014
MA	Massachusetts DEP	M-MA100	06/30/2013
CT	Connecticut Department of Public Health	PH-0567	09/30/2013
NY	New York State Department of Health	10899 NELAP	04/1/2013
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2013
RI	Rhode Island Department of Health	LAO00112	12/30/2012
NC	North Carolina Div. of Water Quality	652	12/31/2012
NJ	New Jersey DEP	MA007 NELAP	06/30/2013
FL	Florida Department of Health	E871027 NELAP	06/30/2013
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2013
WA	State of Washington Department of Ecology	C2065	02/23/2013
ME	State of Maine	2011028	06/9/2013
VA	Commonwealth of Virginia	460217	12/14/2012
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2012



39 Spruce St.
East Longmeadow, MA.
01028
P: 413-525-2332
F: 413-525-6405

AIR Only Receipt Checklist

CLIENT NAME: TRC Engineers RECEIVED BY: VA DATE: 11/14

1) Was the chain(s) of custody relinquished and signed? ☒ Yes ☐ No

2) Does the chain agree with the samples? ☒ Yes ☐ No

If not, explain:

3) Are all the samples in good condition? ☒ Yes ☐ No

If not, explain:

4) Are there any samples "On Hold"? ☐ Yes ☒ No

Stored where:

5) Are there any RUSH or SHORT HOLDING TIME samples? ☐ Yes ☒ No

Who was notified _____ Date _____ Time _____

6) Location where samples are stored:

AKR

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____

Containers received at Con-Test

	# of Containers	Types (Size, Duration)
Summa Cans	<u>3</u>	<u>6L</u>
Tedlar Bags		
Tubes		
Regulators	<u>3</u>	<u>1 HR</u>
Restrictors		
Tubing		
Other		

Unused Summas:

N/A

Unused Regulators:

N/A

1) Was all media (used & unused checked into the WASP?

2) Were all returned summa cans, Restrictors, & Regulators documented as returned in the Air Lab Inbound/Outbound Excel Spreadsheet?

Laboratory Comments:

1486
1050

1943

4237
4241

4228

November 28, 2012

Charles Guder
TRC Environmental Corp - NY
1430 Broadway 10th Floor
New York, NY 10018

Project Location: 168 8th ST/2039th ST.BK,NY
Client Job Number:
Project Number: 195072
Laboratory Work Order Number: 12K0682

Enclosed are results of analyses for samples received by the laboratory on November 19, 2012. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, reading "Meghan E. Kelley". The signature is written in a cursive, flowing style.

Meghan E. Kelley
Project Manager

TRC Environmental Corp - NY
1430 Broadway 10th Floor
New York, NY 10018
ATTN: Charles Guder

REPORT DATE: 11/28/2012

PURCHASE ORDER NUMBER: 46919

PROJECT NUMBER: 195072

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 12K0682

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 168 8th ST/2039th ST.BK,NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
TRC-SG6	12K0682-01	Soil Gas		EPA TO-15	
TRC-SG7	12K0682-02	Soil Gas		EPA TO-15	
TRC-SG9	12K0682-03	Soil Gas		EPA TO-15	

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

A handwritten signature in black ink, appearing to read "Daren J. Damboragian", is written over a light gray rectangular background.

Daren J. Damboragian
Laboratory Manager

ANALYTICAL RESULTS

Project Location: 168 8th ST/2039th ST.BK,NY
Date Received: 11/19/2012
Field Sample #: TRC-SG6
Sample ID: 12K0682-01
Sample Matrix: Soil Gas
Sampled: 11/19/2012 12:10

Sample Description/Location:
Sub Description/Location:
Canister ID: 1801
Canister Size: 6 liter
Flow Controller ID: 4239
Sample Type: 1 hr

Work Order: 12K0682
Initial Vacuum(in Hg): -29.5
Final Vacuum(in Hg): -3
Receipt Vacuum(in Hg): -3.5
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv		Flag	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Benzene	0.62	0.10		2.0	0.32	2	11/20/12 10:03	TPH	
Carbon Tetrachloride	ND	0.10		ND	0.63	2	11/20/12 10:03	TPH	
Chlorobenzene	ND	0.10		ND	0.46	2	11/20/12 10:03	TPH	
Chloroethane	ND	0.10		ND	0.26	2	11/20/12 10:03	TPH	
Chloromethane	ND	0.10		ND	0.21	2	11/20/12 10:03	TPH	
1,2-Dichlorobenzene	ND	0.10		ND	0.60	2	11/20/12 10:03	TPH	
1,3-Dichlorobenzene	ND	0.10		ND	0.60	2	11/20/12 10:03	TPH	
1,1-Dichloroethane	ND	0.10		ND	0.40	2	11/20/12 10:03	TPH	
1,2-Dichloroethane	ND	0.10		ND	0.40	2	11/20/12 10:03	TPH	
1,1-Dichloroethylene	ND	0.10		ND	0.40	2	11/20/12 10:03	TPH	
cis-1,2-Dichloroethylene	ND	0.10		ND	0.40	2	11/20/12 10:03	TPH	
trans-1,2-Dichloroethylene	ND	0.10		ND	0.40	2	11/20/12 10:03	TPH	
1,2-Dichloropropane	ND	0.10		ND	0.46	2	11/20/12 10:03	TPH	
Ethylbenzene	0.49	0.10		2.1	0.43	2	11/20/12 10:03	TPH	
Methyl tert-Butyl Ether (MTBE)	ND	0.10		ND	0.36	2	11/20/12 10:03	TPH	
Methylene Chloride	ND	1.0		ND	3.5	2	11/20/12 10:03	TPH	
Naphthalene	12	0.10		61	0.52	2	11/20/12 10:03	TPH	
Tetrachloroethylene	3.1	0.10		21	0.68	2	11/20/12 10:03	TPH	
Toluene	1.2	0.10		4.7	0.38	2	11/20/12 10:03	TPH	
1,1,1-Trichloroethane	0.74	0.10		4.1	0.55	2	11/20/12 10:03	TPH	
Trichloroethylene	28	0.10		150	0.54	2	11/20/12 10:03	TPH	
1,2,4-Trimethylbenzene	1.7	0.10		8.5	0.49	2	11/20/12 10:03	TPH	
1,3,5-Trimethylbenzene	0.76	0.10		3.7	0.49	2	11/20/12 10:03	TPH	
Vinyl Chloride	ND	0.10		ND	0.26	2	11/20/12 10:03	TPH	
m&p-Xylene	1.3	0.20		5.6	0.87	2	11/20/12 10:03	TPH	
o-Xylene	0.53	0.10		2.3	0.43	2	11/20/12 10:03	TPH	

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	112	70-130	11/20/12 10:03

ANALYTICAL RESULTS

Project Location: 168 8th ST/2039th ST.BK,NY
Date Received: 11/19/2012
Field Sample #: TRC-SG7
Sample ID: 12K0682-02
Sample Matrix: Soil Gas
Sampled: 11/19/2012 13:29

Sample Description/Location:
Sub Description/Location:
Canister ID: 1242
Canister Size: 6 liter
Flow Controller ID: 4238
Sample Type: 1 hr

Work Order: 12K0682
Initial Vacuum(in Hg): -29
Final Vacuum(in Hg): -2
Receipt Vacuum(in Hg): -2.6
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv		Flag	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Benzene	1.3	0.10		4.1	0.32	2	11/20/12	10:43	TPH
Carbon Tetrachloride	ND	0.10		ND	0.63	2	11/20/12	10:43	TPH
Chlorobenzene	ND	0.10		ND	0.46	2	11/20/12	10:43	TPH
Chloroethane	ND	0.10		ND	0.26	2	11/20/12	10:43	TPH
Chloromethane	ND	0.10		ND	0.21	2	11/20/12	10:43	TPH
1,2-Dichlorobenzene	ND	0.10		ND	0.60	2	11/20/12	10:43	TPH
1,3-Dichlorobenzene	ND	0.10		ND	0.60	2	11/20/12	10:43	TPH
1,1-Dichloroethane	ND	0.10		ND	0.40	2	11/20/12	10:43	TPH
1,2-Dichloroethane	ND	0.10		ND	0.40	2	11/20/12	10:43	TPH
1,1-Dichloroethylene	ND	0.10		ND	0.40	2	11/20/12	10:43	TPH
cis-1,2-Dichloroethylene	ND	0.10		ND	0.40	2	11/20/12	10:43	TPH
trans-1,2-Dichloroethylene	ND	0.10		ND	0.40	2	11/20/12	10:43	TPH
1,2-Dichloropropane	ND	0.10		ND	0.46	2	11/20/12	10:43	TPH
Ethylbenzene	6.0	0.10		26	0.43	2	11/20/12	10:43	TPH
Methyl tert-Butyl Ether (MTBE)	ND	0.10		ND	0.36	2	11/20/12	10:43	TPH
Methylene Chloride	ND	1.0		ND	3.5	2	11/20/12	10:43	TPH
Naphthalene	2.0	0.10		11	0.52	2	11/20/12	10:43	TPH
Tetrachloroethylene	3.6	0.10		25	0.68	2	11/20/12	10:43	TPH
Toluene	13	0.10		49	0.38	2	11/20/12	10:43	TPH
1,1,1-Trichloroethane	1.3	0.10		7.2	0.55	2	11/20/12	10:43	TPH
Trichloroethylene	3.7	0.10		20	0.54	2	11/20/12	10:43	TPH
1,2,4-Trimethylbenzene	24	0.10		120	0.49	2	11/20/12	10:43	TPH
1,3,5-Trimethylbenzene	6.5	0.10		32	0.49	2	11/20/12	10:43	TPH
Vinyl Chloride	ND	0.10		ND	0.26	2	11/20/12	10:43	TPH
m&p-Xylene	21	0.20		92	0.87	2	11/20/12	10:43	TPH
o-Xylene	9.0	0.10		39	0.43	2	11/20/12	10:43	TPH

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	112	70-130	11/20/12 10:43

ANALYTICAL RESULTS

Project Location: 168 8th ST/2039th ST.BK,NY
Date Received: 11/19/2012
Field Sample #: TRC-SG9
Sample ID: 12K0682-03
Sample Matrix: Soil Gas
Sampled: 11/19/2012 12:14

Sample Description/Location:
Sub Description/Location:
Canister ID: 1452
Canister Size: 6 liter
Flow Controller ID: 4236
Sample Type: 1 hr

Work Order: 12K0682
Initial Vacuum(in Hg): -27
Final Vacuum(in Hg): -2
Receipt Vacuum(in Hg): -3.5
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv		Flag	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Benzene	2.4	1.0		7.5	3.2	20	11/20/12	3:17	TPH
Carbon Tetrachloride	ND	1.0		ND	6.3	20	11/20/12	3:17	TPH
Chlorobenzene	ND	1.0		ND	4.6	20	11/20/12	3:17	TPH
Chloroethane	ND	1.0		ND	2.6	20	11/20/12	3:17	TPH
Chloromethane	ND	1.0		ND	2.1	20	11/20/12	3:17	TPH
1,2-Dichlorobenzene	ND	1.0		ND	6.0	20	11/20/12	3:17	TPH
1,3-Dichlorobenzene	ND	1.0		ND	6.0	20	11/20/12	3:17	TPH
1,1-Dichloroethane	ND	1.0		ND	4.0	20	11/20/12	3:17	TPH
1,2-Dichloroethane	ND	1.0		ND	4.0	20	11/20/12	3:17	TPH
1,1-Dichloroethylene	ND	1.0		ND	4.0	20	11/20/12	3:17	TPH
cis-1,2-Dichloroethylene	28	1.0		110	4.0	20	11/20/12	3:17	TPH
trans-1,2-Dichloroethylene	1.5	1.0		5.9	4.0	20	11/20/12	3:17	TPH
1,2-Dichloropropane	ND	1.0		ND	4.6	20	11/20/12	3:17	TPH
Ethylbenzene	2.4	1.0		10	4.3	20	11/20/12	3:17	TPH
Methyl tert-Butyl Ether (MTBE)	ND	1.0		ND	3.6	20	11/20/12	3:17	TPH
Methylene Chloride	ND	10		ND	35	20	11/20/12	3:17	TPH
Naphthalene	ND	1.0		ND	5.2	20	11/20/12	3:17	TPH
Tetrachloroethylene	78	1.0		530	6.8	20	11/20/12	3:17	TPH
Toluene	12	1.0		46	3.8	20	11/20/12	3:17	TPH
1,1,1-Trichloroethane	6.2	1.0		34	5.5	20	11/20/12	3:17	TPH
Trichloroethylene	2600	10		14000	54	200	11/20/12	11:23	TPH
1,2,4-Trimethylbenzene	6.5	1.0		32	4.9	20	11/20/12	3:17	TPH
1,3,5-Trimethylbenzene	3.9	1.0		19	4.9	20	11/20/12	3:17	TPH
Vinyl Chloride	ND	1.0		ND	2.6	20	11/20/12	3:17	TPH
m&p-Xylene	10	2.0		43	8.7	20	11/20/12	3:17	TPH
o-Xylene	5.0	1.0		22	4.3	20	11/20/12	3:17	TPH

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	111	70-130	11/20/12 11:23
4-Bromofluorobenzene (1)	112	70-130	11/20/12 3:17

Sample Extraction Data**Prep Method: TO-15 Prep-EPA TO-15**

Lab Number [Field ID]	Batch	Pressure Dilution	Pre Dilution	Pre-Dil Initial mL	Pre-Dil Final mL	Default Injection mL	Actual Injection mL	Date
12K0682-01 [TRC-SG6]	B063367	1	1	N/A	1000	400	200	11/19/12
12K0682-02 [TRC-SG7]	B063367	1	1	N/A	1000	400	200	11/19/12
12K0682-03 [TRC-SG9]	B063367	1	1	N/A	1000	400	20	11/19/12
12K0682-03RE1 [TRC-SG9]	B063367	2	100	10	1000	400	400	11/19/12

QUALITY CONTROL

Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv		ug/m3		Spike Level	Source	%REC	%REC	RPD	RPD	Flag
	Results	RL	Results	RL	ppbv	Result	%REC	Limits	RPD	Limit	
Batch B063367 - TO-15 Prep											
Blank (B063367-BLK1)					Prepared & Analyzed: 11/19/12						
Benzene	ND	0.025									
Carbon Tetrachloride	ND	0.025									
Chlorobenzene	ND	0.025									
Chloroethane	ND	0.025									
Chloromethane	ND	0.025									
1,2-Dichlorobenzene	ND	0.025									
1,3-Dichlorobenzene	ND	0.025									
1,1-Dichloroethane	ND	0.025									
1,2-Dichloroethane	ND	0.025									
1,1-Dichloroethylene	ND	0.025									
cis-1,2-Dichloroethylene	ND	0.025									
trans-1,2-Dichloroethylene	ND	0.025									
1,2-Dichloropropane	ND	0.025									
Ethylbenzene	ND	0.025									
Methyl tert-Butyl Ether (MTBE)	ND	0.025									
Methylene Chloride	ND	0.25									
Naphthalene	ND	0.025									
Tetrachloroethylene	ND	0.025									
Toluene	ND	0.025									
1,1,1-Trichloroethane	ND	0.025									
Trichloroethylene	ND	0.025									
1,2,4-Trimethylbenzene	ND	0.025									
1,3,5-Trimethylbenzene	ND	0.025									
Vinyl Chloride	ND	0.025									
m&p-Xylene	ND	0.050									
o-Xylene	ND	0.025									
Surrogate: 4-Bromofluorobenzene (1)	8.75				8.00		109	70-130			

QUALITY CONTROL
Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv		ug/m3		Spike Level ppbv	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
	Results	RL	Results	RL							

Batch B063367 - TO-15 Prep
LCS (B063367-BS1)

Prepared & Analyzed: 11/19/12

Benzene	3.99				5.00		79.7	70-130			
Carbon Tetrachloride	4.48				5.00		89.5	70-130			
Chlorobenzene	4.76				5.00		95.1	70-130			
Chloroethane	4.43				5.00		88.6	70-130			
Chloromethane	3.89				5.00		77.8	70-130			
1,2-Dichlorobenzene	5.56				5.00		111	70-130			
1,3-Dichlorobenzene	5.42				5.00		108	70-130			
1,1-Dichloroethane	5.07				5.00		101	70-130			
1,2-Dichloroethane	4.86				5.00		97.3	70-130			
1,1-Dichloroethylene	4.71				5.00		94.1	70-130			
cis-1,2-Dichloroethylene	5.02				5.00		100	70-130			
trans-1,2-Dichloroethylene	4.69				5.00		93.7	70-130			
1,2-Dichloropropane	3.76				5.00		75.1	70-130			
Ethylbenzene	4.50				5.00		90.1	70-130			
Methyl tert-Butyl Ether (MTBE)	5.38				5.00		108	70-130			
Methylene Chloride	4.22				5.00		84.4	70-130			
Naphthalene	3.79				5.00		75.7	70-130			
Tetrachloroethylene	5.46				5.00		109	70-130			
Toluene	4.42				5.00		88.3	70-130			
1,1,1-Trichloroethane	4.27				5.00		85.4	70-130			
Trichloroethylene	4.31				5.00		86.1	70-130			
1,2,4-Trimethylbenzene	4.66				5.00		93.2	70-130			
1,3,5-Trimethylbenzene	4.54				5.00		90.8	70-130			
Vinyl Chloride	4.09				5.00		81.7	70-130			
m&p-Xylene	8.90				10.0		89.0	70-130			
o-Xylene	4.44				5.00		88.9	70-130			
Surrogate: 4-Bromofluorobenzene (1)	8.73				8.00		109	70-130			

QUALITY CONTROL
Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv		ug/m3		Spike Level	Source	%REC	%REC	RPD	RPD	Flag
	Results	RL	Results	RL	ppbv	Result		Limits		Limit	
Batch B063367 - TO-15 Prep											
Duplicate (B063367-DUP1)	Source: 12K0682-01				Prepared: 11/19/12 Analyzed: 11/20/12						
Benzene	0.63	0.10	2.0	0.32		0.62			2.56	25	
Carbon Tetrachloride	ND	0.10	ND	0.63		ND				25	
Chlorobenzene	ND	0.10	ND	0.46		ND				25	
Chloroethane	ND	0.10	ND	0.26		ND				25	
Chloromethane	ND	0.10	ND	0.21		ND				25	
1,2-Dichlorobenzene	ND	0.10	ND	0.60		ND				25	
1,3-Dichlorobenzene	ND	0.10	ND	0.60		ND				25	
1,1-Dichloroethane	ND	0.10	ND	0.40		ND				25	
1,2-Dichloroethane	ND	0.10	ND	0.40		ND				25	
1,1-Dichloroethylene	ND	0.10	ND	0.40		ND				25	
cis-1,2-Dichloroethylene	ND	0.10	ND	0.40		ND				25	
trans-1,2-Dichloroethylene	ND	0.10	ND	0.40		ND				25	
1,2-Dichloropropane	ND	0.10	ND	0.46		ND				25	
Ethylbenzene	0.46	0.10	2.0	0.43		0.49			4.63	25	
Methyl tert-Butyl Ether (MTBE)	ND	0.10	ND	0.36		ND				25	
Methylene Chloride	0.45	1.0	1.6	3.5		0.46			2.21	25	
Naphthalene	11	0.10	58	0.52		12			5.76	25	
Tetrachloroethylene	3.0	0.10	20	0.68		3.1			4.72	25	
Toluene	1.2	0.10	4.6	0.38		1.2			1.13	25	
1,1,1-Trichloroethane	0.73	0.10	4.0	0.55		0.74			1.90	25	
Trichloroethylene	26	0.10	140	0.54		28			5.39	25	
1,2,4-Trimethylbenzene	1.7	0.10	8.2	0.49		1.7			3.53	25	
1,3,5-Trimethylbenzene	0.75	0.10	3.7	0.49		0.76			0.797	25	
Vinyl Chloride	ND	0.10	ND	0.26		ND				25	
m&p-Xylene	1.3	0.20	5.5	0.87		1.3			2.81	25	
o-Xylene	0.51	0.10	2.2	0.43		0.53			3.07	25	
Surrogate: 4-Bromofluorobenzene (1)	8.87				8.00		111	70-130			

FLAG/QUALIFIER SUMMARY

- * QC result is outside of established limits.
- † Wide recovery limits established for difficult compound.
- ‡ Wide RPD limits established for difficult compound.
- # Data exceeded client recommended or regulatory level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA TO-15 in Air	
Benzene	AIHA,FL,NJ,NY,VA
Carbon Tetrachloride	AIHA,FL,NJ,NY,VA
Chlorobenzene	AIHA,FL,NJ,NY,VA
Chloroethane	AIHA,FL,NJ,NY,VA
Chloromethane	AIHA,FL,NJ,NY,VA
1,2-Dichlorobenzene	AIHA,FL,NJ,NY,VA
1,3-Dichlorobenzene	AIHA,NJ,NY
1,1-Dichloroethane	AIHA,FL,NJ,NY,VA
1,2-Dichloroethane	AIHA,FL,NJ,NY,VA
1,1-Dichloroethylene	AIHA,FL,NJ,NY,VA
cis-1,2-Dichloroethylene	AIHA,FL,NY,VA
trans-1,2-Dichloroethylene	AIHA,NJ,NY,VA
1,2-Dichloropropane	AIHA,FL,NJ,NY,VA
Ethylbenzene	AIHA,FL,NJ,NY,VA
Methyl tert-Butyl Ether (MTBE)	AIHA,FL,NJ,NY,VA
Methylene Chloride	AIHA,FL,NJ,NY,VA
Naphthalene	NY
Tetrachloroethylene	AIHA,FL,NJ,NY,VA
Toluene	AIHA,FL,NJ,NY,VA
1,1,1-Trichloroethane	AIHA,FL,NJ,NY,VA
Trichloroethylene	AIHA,FL,NJ,NY,VA
1,2,4-Trimethylbenzene	AIHA,NJ,NY
1,3,5-Trimethylbenzene	AIHA,NJ,NY
Vinyl Chloride	AIHA,FL,NJ,NY,VA
m&p-Xylene	AIHA,FL,NJ,NY,VA
o-Xylene	AIHA,FL,NJ,NY,VA

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2014
MA	Massachusetts DEP	M-MA100	06/30/2013
CT	Connecticut Department of Public Health	PH-0567	09/30/2013
NY	New York State Department of Health	10899 NELAP	04/1/2013
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2013
RI	Rhode Island Department of Health	LAO00112	12/30/2012
NC	North Carolina Div. of Water Quality	652	12/31/2012
NJ	New Jersey DEP	MA007 NELAP	06/30/2013
FL	Florida Department of Health	E871027 NELAP	06/30/2013
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2013
WA	State of Washington Department of Ecology	C2065	02/23/2013
ME	State of Maine	2011028	06/9/2013
VA	Commonwealth of Virginia	460217	12/14/2012
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2012



Phone: 413-525-2332
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Email: info@contestlabs.com

www.contestlabs.com

Company Name: TRC Engineers LLC
Address: 1435 Broadway NW

Address: 1430 Broadway 10th Fl

New York, NY 10018

Attention: Charles Guder

Project Location: 168 8th St 2034th St BK, NY
Sampled By: J. Raup

Sampled By: J. Rausp

Proposal Provided? (For Billing purposes)

☐ yes _____ proposal date

[illegible]

Laboratory Comments:

CLIENT COMMENTS:

Turnaround **

Special Requirements

***Matrix Code:**

****Media Codes:**

Relinquished by: (signature)	Date/Time:
<i>[Signature]</i>	11/19/12 1545
Received by: (signature)	Date/Time:
<i>[Signature]</i>	11/19/12 1545

Received by (signature) <i>D. J. J. J. J.</i>	Date/TIME/17 1544

Reinquished by: (signature) ✓	Date/Time 10/22/2018 10:22

Received by: (signature)	Date/Time
<i>Paul R. Adams</i>	11/1/11 17:30

11/1/2020

☐ 7-Day

☐ 10-Day

☐ Other _____

Regulations: _____

Data Enhancement/RCP? ☐ Y ☐ N

Enhanced Data Package ☐ Y ☐ N

SG= SOIL GAS
IA= INDOOR AIR
AMB=AMBIENT

S=summa car
TB=tedlar bag
P=PUF

TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

AIHA, NELAP & WBE/DBE Certified

**39 SPRUCE ST
EAST LONGMEADOW, MA 01028**

Page 1 of 1

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39 Spruce St.
East Longmeadow, MA.
01028
P: 413-525-2332
F: 413-525-6405

AIR Only Receipt Checklist

CLIENT NAME: TRC RECEIVED BY: VA DATE: 11/19

1) Was the chain(s) of custody relinquished and signed? ☒ Yes ☐ No

2) Does the chain agree with the samples?
If not, explain: ☒ Yes ☐ No

3) Are all the samples in good condition?
If not, explain: ☒ Yes ☐ No

4) Are there any samples "On Hold"? Yes ☒ No ☐ Stored where:

5) Are there any RUSH or SHORT HOLDING TIME samples? Yes ☒ No ☐

Who was notified _____ Date _____ Time _____

6) Location where samples are stored:

AK

Permission to subcontract samples? Yes ☐ No ☐
(Walk-in clients only) if not already approved
Client Signature: _____

Containers received at Con-Test

	# of Containers	Types (Size, Duration)
Summa Cans	<u>4</u>	<u>6L</u>
Tedlar Bags		
Tubes		
Regulators	<u>4</u>	<u>1HR</u>
Restrictors		
Tubing		
Other		

Unused Summas:

1847

Unused Regulators:

4229

1) Was all media (used & unused checked into the WASP?

2) Were all returned summa cans, Restrictors, & Regulators documented as returned in the Air Lab Inbound/Outbound Excel Spreadsheet?

Laboratory Comments:

1452 1801
1742

4238 4240
4239

November 29, 2012

Charles Guder
TRC Environmental Corp - NY
1430 Broadway 10th Floor
New York, NY 10018

Project Location: 168 8th St./203 9th St., Brooklyn, NY
Client Job Number:
Project Number: 195072
Laboratory Work Order Number: 12K0685

Enclosed are results of analyses for samples received by the laboratory on November 19, 2012. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, reading "Meghan E. Kelley". The signature is written in a cursive, flowing style.

Meghan E. Kelley
Project Manager



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

TRC Environmental Corp - NY
1430 Broadway 10th Floor
New York, NY 10018
ATTN: Charles Guder

REPORT DATE: 11/29/2012

PURCHASE ORDER NUMBER: 46919

PROJECT NUMBER: 195072

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 12K0685

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 168 8th St./203 9th St., Brooklyn, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
TRC-SB6 (1-4ft)	12K0685-01	Soil		SM 2540G	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8082A	
				SW-846 8260C	
TRC-SB6 (14-16ft)	12K0685-02	Soil		SW-846 8270D	
				SM 2540G	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8082A	
TRC-SB6 (19-20ft)	12K0685-03	Soil		SW-846 8260C	
				SW-846 8270D	
				SM 2540G	
				SW-846 8260C	
				SW-846 8270D	
TRC-GW-6	12K0685-04	Ground Water		SW-846 6010C	
				SW-846 6020A	
				SW-846 7470A	
				SW-846 8260C	
				SW-846 8270D	
TRC-SB7 (1-4ft)	12K0685-05	Soil		SM 2540G	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8082A	
				SW-846 8260C	
TRC-SB7 (16-18ft)	12K0685-06	Soil		SW-846 8270D	
				SM 2540G	
				SM2580 A	
				SW-846 6010C	
				SW-846 7196A	
				SW-846 7471B	
				SW-846 8015C	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	
				SW-846 9014	
				SW-846 9045C	



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

TRC Environmental Corp - NY
1430 Broadway 10th Floor
New York, NY 10018
ATTN: Charles Guder

REPORT DATE: 11/29/2012

PURCHASE ORDER NUMBER: 46919

PROJECT NUMBER: 195072

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 12K0685

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 168 8th St./203 9th St., Brooklyn, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
TRC-GW7	12K0685-07	Ground Water		EPA 1664A EPA 420.1 EPA 608 EPA 624 SM 18-20 4500 NO3 F SM18-20 2540B SM18-20 2540D SM18-20 4500 CL B SM18-20 5210B SM19-20 4500-N Org B,C/-NH3 C SW-846 1010 SW-846 6010C SW-846 6020A SW-846 7196A SW-846 7470A SW-846 8260C SW-846 8270D	
Trip Blank 3	12K0685-08	Trip Blank Water		SW-846 8260C	

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

EPA 608**Qualifications:**

Surrogate recovery is outside of control limits, matrix interference suspected. Reanalysis yielded similar surrogate non-conformance.

Analyte & Samples(s) Qualified:

Decachlorobiphenyl, Decachlorobiphenyl [2C]

12K0685-07RE1[TRC-GW7]

SM18-20 2540D**Qualifications:**

Duplicate RPD is outside of control limits. Outlier can be attributed to sample non-homogeneity encountered during sample prep.

Analyte & Samples(s) Qualified:

Total Suspended Solids

12K0685-07[TRC-GW7], B063340-DUP1

SM18-20 5210B**Qualifications:**

Laboratory fortified blank/laboratory control sample recovery is outside of control limits. Reported value for this compound is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

Carbonaceous BOD

12K0685-07[TRC-GW7], B063306-BS1

SW-846 6010C**Qualifications:**

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

Analyte & Samples(s) Qualified:

Copper

B063208-BSD1

Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.

Analyte & Samples(s) Qualified:

Calcium, Magnesium

12K0685-04[TRC-GW-6], B063262-MS2

SW-846 8260C**Qualifications:**

Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

Chloromethane, Dichlorodifluoromethane (Freon 12)

12K0685-01[TRC-SB6 (1-4ft)], 12K0685-02[TRC-SB6 (14-16ft)], 12K0685-05[TRC-SB7 (1-4ft)], 12K0685-06[TRC-SB7 (16-18ft)], B063213-BLK1, B063213-BS1, B063213-BSD1, B063213-MS1

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

Analyte & Samples(s) Qualified:**1,2,3-Trichlorobenzene, Acetone**

B063212-BSD1, B063207-BSD1

Matrix spike recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.

Analyte & Samples(s) Qualified:**Dichlorodifluoromethane (Freon 12)**

12K0685-01[TRC-SB6 (1-4ft)], B063213-MS1

Matrix spike recovery is outside of control limits. Data validation is not affected since sample result is "not detected" and recovery bias is on the high side for this compound.

Analyte & Samples(s) Qualified:**2-Butanone (MEK), 2-Hexanone (MBK), Acetone**

B063213-MS1

Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.

Analyte & Samples(s) Qualified:**Bromomethane, tert-Butyl Alcohol (TBA)**

12K0685-03[TRC-SB6 (19-20ft)], B063207-BLK1, B063207-BS1, B063207-BSD1

Elevated reporting limit due to high concentration of target compounds. Requested reporting limit not met.

Analyte & Samples(s) Qualified:

12K0685-03[TRC-SB6 (19-20ft)]

Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.

Analyte & Samples(s) Qualified:**Chloromethane, Dichlorodifluoromethane (Freon 12)**

12K0685-01[TRC-SB6 (1-4ft)], 12K0685-02[TRC-SB6 (14-16ft)], 12K0685-05[TRC-SB7 (1-4ft)], 12K0685-06[TRC-SB7 (16-18ft)], B063213-BLK1, B063213-BS1, B063213-BSD1, B063213-MS1

Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy may be associated with reported result.

Analyte & Samples(s) Qualified:**1,2-Dibromo-3-chloropropane (DBCP), 1,4-Dioxane, Acrylonitrile, tert-Butyl Alcohol (TBA), Tetrahydrofuran**

12K0685-01[TRC-SB6 (1-4ft)], 12K0685-02[TRC-SB6 (14-16ft)], 12K0685-05[TRC-SB7 (1-4ft)], 12K0685-06[TRC-SB7 (16-18ft)], B063213-BLK1, B063213-BS1, B063213-BSD1, B063213-MS1, 12K0685-03[TRC-SB6 (19-20ft)], 12K0685-04[TRC-GW-6], 12K0685-07[TRC-GW7], 12K0685-08[Trip Blank 3], B063207-BLK1, B063207-BS1, B063207-BSD1, B063212-BLK1, B063212-BS1, B063212-BSD1

Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:**1,2,3-Trichlorobenzene, Bromomethane, Methylene Chloride**

B063207-BS1, B063207-BSD1, B063212-BS1, B063212-BSD1

SW-846 8270D

Qualifications:

Elevated reporting limit due to matrix.

Analyte & Samples(s) Qualified:

12K0685-03[TRC-SB6 (19-20ft)]

Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.

Analyte & Samples(s) Qualified:**Benzoic Acid**

12K0685-01[TRC-SB6 (1-4ft)], 12K0685-02[TRC-SB6 (14-16ft)], 12K0685-03[TRC-SB6 (19-20ft)], 12K0685-05[TRC-SB7 (1-4ft)], B063264-BLK1, B063264-BS1, B063264-BSD1

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

Analyte & Samples(s) Qualified:**Benzidine, N-Nitrosodimethylamine**

B063264-BSD1, B063189-BSD1

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD outside of control limits. Reduced precision anticipated for any reported result for this compound.

Analyte & Samples(s) Qualified:**Benzidine**

B063189-BS1

Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.

Analyte & Samples(s) Qualified:

1-Methylnaphthalene, 2,4-Dimethylphenol, 2,4-Dinitrotoluene, 2-Chlorophenol, 2-Methylnaphthalene, 2-Methylphenol, 3/4-Methylphenol, 4-Chloro-3-methylphenol, 4-Chloroaniline, 4-Nitroaniline, Acetophenone, Benzidine, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(g,h,i)perylene, Benzo(k)fluoranthene, Bis(2-chloroethyl)ether, Bis(2-chloroisopropyl)ether, Carbazole, Dibenz(a,h)anthracene, Diethylphthalate, Di-n-butylphthalate, Di-n-octylphthalate, Fluoranthene, Isophorone, N-Nitrosodi-n-propylamine, Phenol, Pyrene
12K0685-04[TRC-GW-6], 12K0685-07[TRC-GW7], B063189-BLK1, B063189-BS1, B063189-BSD1

Initial calibration did not meet method specifications. Compound was calibrated using a response factor where %RSD is outside of method specified criteria.

Analyte & Samples(s) Qualified:**2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol**

12K0685-04[TRC-GW-6], 12K0685-07[TRC-GW7], B063189-BLK1, B063189-BS1, B063189-BSD1

Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.

Analyte & Samples(s) Qualified:**Benzidine, Di-n-octylphthalate, Hexachlorocyclopentadiene, Pyridine**

B063264-BLK1, B063264-BS1, B063264-BSD1, 12K0685-01[TRC-SB6 (1-4ft)]

Continuing calibration did not meet method specifications and was biased on the high side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the high side.

Analyte & Samples(s) Qualified:**Benzo(g,h,i)perylene, Dibenz(a,h)anthracene, Indeno(1,2,3-cd)pyrene**

B063264-BLK1, B063264-BS1, B063264-BSD1, B063189-BS1, B063189-BSD1

Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy may be associated with reported result.

Analyte & Samples(s) Qualified:**Pentachloronitrobenzene**

12K0685-01[TRC-SB6 (1-4ft)], 12K0685-02[TRC-SB6 (14-16ft)], 12K0685-03[TRC-SB6 (19-20ft)], 12K0685-04[TRC-GW-6], 12K0685-05[TRC-SB7 (1-4ft)], 12K0685-06[TRC-SB7 (16-18ft)], 12K0685-07[TRC-GW7], B063189-BLK1, B063189-BS1, B063189-BSD1, B063264-BLK1, B063264-BS1, B063264-BSD1, B063279-BLK1, B063279-BS1, B063279-BSD1

Initial calibration did not meet method specifications. Compound was calibrated using linear regression with correlation coefficient <0.99.

Analyte & Samples(s) Qualified:**2,4-Dinitrophenol**

12K0685-01[TRC-SB6 (1-4ft)], B063264-BLK1, B063264-BS1, B063264-BSD1

Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:**2,4,6-Tribromophenol, 2,4-Dinitrotoluene, 2-Methylphenol, 2-Nitroaniline, 4-Chloro-3-methylphenol, 4-Nitroaniline, 4-Nitrophenol, Dibenz(a,h)anthracene, Indeno(1,2,3-cd)pyrene**

12K0685-01[TRC-SB6 (1-4ft)], 12K0685-04[TRC-GW-6], 12K0685-07[TRC-GW7], B063189-BLK1

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Daren J. Damboragian
Laboratory Manager

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0685

Date Received: 11/19/2012

Field Sample #: TRC-SB6 (1-4ft)

Sampled: 11/19/2012 10:15

Sample ID: 12K0685-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.12	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:29	MFF
Acrylonitrile	ND	0.0072	mg/Kg dry	1	V-16	SW-846 8260C	11/20/12	11/20/12 10:29	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:29	MFF
Benzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:29	MFF
Bromobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:29	MFF
Bromochloromethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:29	MFF
Bromodichloromethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:29	MFF
Bromoform	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:29	MFF
Bromomethane	ND	0.012	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:29	MFF
2-Butanone (MEK)	ND	0.048	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:29	MFF
tert-Butyl Alcohol (TBA)	ND	0.048	mg/Kg dry	1	V-16	SW-846 8260C	11/20/12	11/20/12 10:29	MFF
n-Butylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:29	MFF
sec-Butylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:29	MFF
tert-Butylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:29	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:29	MFF
Carbon Disulfide	ND	0.0072	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:29	MFF
Carbon Tetrachloride	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:29	MFF
Chlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:29	MFF
Chlorodibromomethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:29	MFF
Chloroethane	ND	0.024	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:29	MFF
Chloroform	ND	0.0048	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:29	MFF
Chloromethane	ND	0.012	mg/Kg dry	1	L-04, V-05	SW-846 8260C	11/20/12	11/20/12 10:29	MFF
2-Chlorotoluene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:29	MFF
4-Chlorotoluene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:29	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0024	mg/Kg dry	1	V-16	SW-846 8260C	11/20/12	11/20/12 10:29	MFF
1,2-Dibromoethane (EDB)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:29	MFF
Dibromomethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:29	MFF
1,2-Dichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:29	MFF
1,3-Dichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:29	MFF
1,4-Dichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:29	MFF
trans-1,4-Dichloro-2-butene	ND	0.0048	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:29	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.024	mg/Kg dry	1	L-04, MS-08, V-05	SW-846 8260C	11/20/12	11/20/12 10:29	MFF
1,1-Dichloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:29	MFF
1,2-Dichloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:29	MFF
1,1-Dichloroethylene	ND	0.0048	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:29	MFF
cis-1,2-Dichloroethylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:29	MFF
trans-1,2-Dichloroethylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:29	MFF
1,2-Dichloropropane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:29	MFF
1,3-Dichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:29	MFF
2,2-Dichloropropane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:29	MFF
1,1-Dichloropropene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:29	MFF
cis-1,3-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:29	MFF
trans-1,3-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:29	MFF
Diethyl Ether	ND	0.024	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:29	MFF

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0685

Date Received: 11/19/2012

Field Sample #: TRC-SB6 (1-4ft)

Sampled: 11/19/2012 10:15

Sample ID: 12K0685-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:29	MFF
1,4-Dioxane	ND	0.12	mg/Kg dry	1	V-16	SW-846 8260C	11/20/12	11/20/12 10:29	MFF
Ethylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:29	MFF
Hexachlorobutadiene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:29	MFF
2-Hexanone (MBK)	ND	0.024	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:29	MFF
Isopropylbenzene (Cumene)	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:29	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:29	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0048	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:29	MFF
Methylene Chloride	ND	0.024	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:29	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.024	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:29	MFF
Naphthalene	ND	0.0048	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:29	MFF
n-Propylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:29	MFF
Styrene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:29	MFF
1,1,1,2-Tetrachloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:29	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:29	MFF
Tetrachloroethylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:29	MFF
Tetrahydrofuran	ND	0.012	mg/Kg dry	1	V-16	SW-846 8260C	11/20/12	11/20/12 10:29	MFF
Toluene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:29	MFF
1,2,3-Trichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:29	MFF
1,2,4-Trichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:29	MFF
1,3,5-Trichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:29	MFF
1,1,1-Trichloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:29	MFF
1,1,2-Trichloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:29	MFF
Trichloroethylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:29	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:29	MFF
1,2,3-Trichloropropane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:29	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.012	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:29	MFF
1,2,4-Trimethylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:29	MFF
1,3,5-Trimethylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:29	MFF
Vinyl Chloride	ND	0.012	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:29	MFF
m+p Xylene	ND	0.0048	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:29	MFF
o-Xylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:29	MFF
Surrogates	% Recovery	Recovery Limits	Flag						
1,2-Dichloroethane-d4	110	70-130							
Toluene-d8	103	70-130							
4-Bromofluorobenzene	99.8	70-130							

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0685

Date Received: 11/19/2012

Field Sample #: TRC-SB6 (1-4ft)

Sampled: 11/19/2012 10:15

Sample ID: 12K0685-01

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/26/12 13:04	CMR
Acenaphthylene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/26/12 13:04	CMR
Acetophenone	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/20/12	11/26/12 13:04	CMR
Aniline	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/20/12	11/26/12 13:04	CMR
Anthracene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/26/12 13:04	CMR
Benzidine	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/20/12	11/26/12 13:04	CMR
Benzo(a)anthracene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/26/12 13:04	CMR
Benzo(a)pyrene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/26/12 13:04	CMR
Benzo(b)fluoranthene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/26/12 13:04	CMR
Benzo(g,h,i)perylene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/26/12 13:04	CMR
Benzo(k)fluoranthene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/26/12 13:04	CMR
Benzoic Acid	ND	1.2	mg/Kg dry	1	L-04	SW-846 8270D	11/20/12	11/26/12 13:04	CMR
Bis(2-chloroethoxy)methane	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/20/12	11/26/12 13:04	CMR
Bis(2-chloroethyl)ether	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/20/12	11/26/12 13:04	CMR
Bis(2-chloroisopropyl)ether	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/20/12	11/26/12 13:04	CMR
Bis(2-Ethylhexyl)phthalate	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/20/12	11/26/12 13:04	CMR
4-Bromophenylphenylether	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/20/12	11/26/12 13:04	CMR
Butylbenzylphthalate	ND	0.77	mg/Kg dry	1		SW-846 8270D	11/20/12	11/26/12 13:04	CMR
Carbazole	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/26/12 13:04	CMR
4-Chloroaniline	ND	0.77	mg/Kg dry	1		SW-846 8270D	11/20/12	11/26/12 13:04	CMR
4-Chloro-3-methylphenol	ND	0.77	mg/Kg dry	1	V-20	SW-846 8270D	11/20/12	11/26/12 13:04	CMR
2-Chloronaphthalene	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/20/12	11/26/12 13:04	CMR
2-Chlorophenol	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/20/12	11/26/12 13:04	CMR
4-Chlorophenylphenylether	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/20/12	11/26/12 13:04	CMR
Chrysene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/26/12 13:04	CMR
Dibenz(a,h)anthracene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/26/12 13:04	CMR
Dibenzofuran	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/20/12	11/26/12 13:04	CMR
Di-n-butylphthalate	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/20/12	11/26/12 13:04	CMR
1,2-Dichlorobenzene	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/20/12	11/26/12 13:04	CMR
1,3-Dichlorobenzene	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/20/12	11/26/12 13:04	CMR
1,4-Dichlorobenzene	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/20/12	11/26/12 13:04	CMR
3,3-Dichlorobenzidine	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/26/12 13:04	CMR
2,4-Dichlorophenol	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/20/12	11/26/12 13:04	CMR
Diethylphthalate	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/20/12	11/26/12 13:04	CMR
2,4-Dimethylphenol	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/20/12	11/26/12 13:04	CMR
Dimethylphthalate	ND	0.77	mg/Kg dry	1		SW-846 8270D	11/20/12	11/26/12 13:04	CMR
4,6-Dinitro-2-methylphenol	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/20/12	11/26/12 13:04	CMR
2,4-Dinitrophenol	ND	0.77	mg/Kg dry	1	V-19	SW-846 8270D	11/20/12	11/26/12 13:04	CMR
2,4-Dinitrotoluene	ND	0.40	mg/Kg dry	1	V-20	SW-846 8270D	11/20/12	11/26/12 13:04	CMR
2,6-Dinitrotoluene	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/20/12	11/26/12 13:04	CMR
Di-n-octylphthalate	ND	0.77	mg/Kg dry	1	V-05	SW-846 8270D	11/20/12	11/26/12 13:04	CMR
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/20/12	11/26/12 13:04	CMR
Fluoranthene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/26/12 13:04	CMR
Fluorene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/26/12 13:04	CMR

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0685

Date Received: 11/19/2012

Field Sample #: TRC-SB6 (1-4ft)

Sampled: 11/19/2012 10:15

Sample ID: 12K0685-01

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/20/12	11/26/12 13:04	CMR
Hexachlorobutadiene	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/20/12	11/26/12 13:04	CMR
Hexachlorocyclopentadiene	ND	0.77	mg/Kg dry	1		SW-846 8270D	11/20/12	11/26/12 13:04	CMR
Hexachloroethane	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/20/12	11/26/12 13:04	CMR
Indeno(1,2,3-cd)pyrene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/26/12 13:04	CMR
Isophorone	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/20/12	11/26/12 13:04	CMR
1-Methylnaphthalene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/26/12 13:04	CMR
2-Methylnaphthalene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/26/12 13:04	CMR
2-Methylphenol	ND	0.40	mg/Kg dry	1	V-20	SW-846 8270D	11/20/12	11/26/12 13:04	CMR
3/4-Methylphenol	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/20/12	11/26/12 13:04	CMR
Naphthalene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/26/12 13:04	CMR
2-Nitroaniline	ND	0.40	mg/Kg dry	1	V-20	SW-846 8270D	11/20/12	11/26/12 13:04	CMR
3-Nitroaniline	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/20/12	11/26/12 13:04	CMR
4-Nitroaniline	ND	0.40	mg/Kg dry	1	V-20	SW-846 8270D	11/20/12	11/26/12 13:04	CMR
Nitrobenzene	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/20/12	11/26/12 13:04	CMR
2-Nitrophenol	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/20/12	11/26/12 13:04	CMR
4-Nitrophenol	ND	0.77	mg/Kg dry	1	V-20	SW-846 8270D	11/20/12	11/26/12 13:04	CMR
N-Nitrosodimethylamine	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/20/12	11/26/12 13:04	CMR
N-Nitrosodiphenylamine	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/20/12	11/26/12 13:04	CMR
N-Nitrosodi-n-propylamine	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/20/12	11/26/12 13:04	CMR
Pentachloronitrobenzene	ND	0.40	mg/Kg dry	1	V-16	SW-846 8270D	11/20/12	11/26/12 13:04	CMR
Pentachlorophenol	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/20/12	11/26/12 13:04	CMR
Phenanthrene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/26/12 13:04	CMR
Phenol	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/20/12	11/26/12 13:04	CMR
Pyrene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/26/12 13:04	CMR
Pyridine	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/20/12	11/26/12 13:04	CMR
1,2,4,5-Tetrachlorobenzene	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/20/12	11/26/12 13:04	CMR
1,2,4-Trichlorobenzene	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/20/12	11/26/12 13:04	CMR
2,4,5-Trichlorophenol	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/20/12	11/26/12 13:04	CMR
2,4,6-Trichlorophenol	ND	0.40	mg/Kg dry	1		SW-846 8270D	11/20/12	11/26/12 13:04	CMR
Surrogates	% Recovery	Recovery Limits			Flag				
2-Fluorophenol	39.5	30-130						11/26/12 13:04	
Phenol-d6	37.9	30-130						11/26/12 13:04	
Nitrobenzene-d5	45.5	30-130						11/26/12 13:04	
2-Fluorobiphenyl	42.0	30-130						11/26/12 13:04	
2,4,6-Tribromophenol	58.0	30-130			V-20			11/26/12 13:04	
Terphenyl-d14	38.5	30-130						11/26/12 13:04	

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0685

Date Received: 11/19/2012

Field Sample #: TRC-SB6 (1-4ft)

Sampled: 11/19/2012 10:15

Sample ID: 12K0685-01

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/20/12	11/21/12 18:03	JMB
Aroclor-1221 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/20/12	11/21/12 18:03	JMB
Aroclor-1232 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/20/12	11/21/12 18:03	JMB
Aroclor-1242 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/20/12	11/21/12 18:03	JMB
Aroclor-1248 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/20/12	11/21/12 18:03	JMB
Aroclor-1254 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/20/12	11/21/12 18:03	JMB
Aroclor-1260 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/20/12	11/21/12 18:03	JMB
Aroclor-1262 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/20/12	11/21/12 18:03	JMB
Aroclor-1268 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/20/12	11/21/12 18:03	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	57.4	30-150							
Decachlorobiphenyl [2]	62.3	30-150							
Tetrachloro-m-xylene [1]	71.6	30-150							
Tetrachloro-m-xylene [2]	64.0	30-150							

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0685

Date Received: 11/19/2012

Field Sample #: TRC-SB6 (1-4ft)

Sampled: 11/19/2012 10:15

Sample ID: 12K0685-01

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	11000	2.9	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 13:27	OP
Antimony	ND	2.9	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 13:27	OP
Arsenic	ND	2.9	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 13:27	OP
Barium	81	2.9	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 13:27	OP
Beryllium	ND	0.29	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 13:27	OP
Cadmium	ND	0.29	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 13:27	OP
Calcium	1900	8.7	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 13:27	OP
Chromium	12	0.58	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 13:27	OP
Cobalt	6.1	2.9	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 13:27	OP
Copper	13	0.58	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 13:27	OP
Iron	15000	2.9	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 13:27	OP
Lead	62	0.87	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 13:27	OP
Magnesium	1900	8.7	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 13:27	OP
Manganese	600	0.58	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 13:27	OP
Mercury	0.15	0.029	mg/Kg dry	1		SW-846 7471B	11/20/12	11/21/12 10:00	SAJ
Nickel	11	0.58	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 13:27	OP
Potassium	770	120	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 13:27	OP
Selenium	ND	2.9	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 13:27	OP
Silver	ND	0.58	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 13:27	OP
Sodium	ND	120	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 13:27	OP
Thallium	ND	2.9	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 13:27	OP
Vanadium	19	1.2	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 13:27	OP
Zinc	31	1.2	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 13:27	OP

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Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0685

Date Received: 11/19/2012

Field Sample #: TRC-SB6 (1-4ft)

Sampled: 11/19/2012 10:15

Sample ID: 12K0685-01

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	84.7		% Wt	1		SM 2540G	11/20/12	11/21/12 8:15	RH

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0685

Date Received: 11/19/2012

Field Sample #: TRC-SB6 (14-16ft)

Sampled: 11/19/2012 11:00

Sample ID: 12K0685-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.11	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:57	MFF
Acrylonitrile	ND	0.0063	mg/Kg dry	1	V-16	SW-846 8260C	11/20/12	11/20/12 10:57	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:57	MFF
Benzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:57	MFF
Bromobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:57	MFF
Bromochloromethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:57	MFF
Bromodichloromethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:57	MFF
Bromoform	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:57	MFF
Bromomethane	ND	0.011	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:57	MFF
2-Butanone (MEK)	ND	0.042	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:57	MFF
tert-Butyl Alcohol (TBA)	ND	0.042	mg/Kg dry	1	V-16	SW-846 8260C	11/20/12	11/20/12 10:57	MFF
n-Butylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:57	MFF
sec-Butylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:57	MFF
tert-Butylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:57	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:57	MFF
Carbon Disulfide	ND	0.0063	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:57	MFF
Carbon Tetrachloride	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:57	MFF
Chlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:57	MFF
Chlorodibromomethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:57	MFF
Chloroethane	ND	0.021	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:57	MFF
Chloroform	ND	0.0042	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:57	MFF
Chloromethane	ND	0.011	mg/Kg dry	1	L-04, V-05	SW-846 8260C	11/20/12	11/20/12 10:57	MFF
2-Chlorotoluene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:57	MFF
4-Chlorotoluene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:57	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0021	mg/Kg dry	1	V-16	SW-846 8260C	11/20/12	11/20/12 10:57	MFF
1,2-Dibromoethane (EDB)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:57	MFF
Dibromomethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:57	MFF
1,2-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:57	MFF
1,3-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:57	MFF
1,4-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:57	MFF
trans-1,4-Dichloro-2-butene	ND	0.0042	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:57	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.021	mg/Kg dry	1	L-04, V-05	SW-846 8260C	11/20/12	11/20/12 10:57	MFF
1,1-Dichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:57	MFF
1,2-Dichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:57	MFF
1,1-Dichloroethylene	ND	0.0042	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:57	MFF
cis-1,2-Dichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:57	MFF
trans-1,2-Dichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:57	MFF
1,2-Dichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:57	MFF
1,3-Dichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:57	MFF
2,2-Dichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:57	MFF
1,1-Dichloropropene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:57	MFF
cis-1,3-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:57	MFF
trans-1,3-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:57	MFF
Diethyl Ether	ND	0.021	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:57	MFF

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0685

Date Received: 11/19/2012

Field Sample #: TRC-SB6 (14-16ft)

Sampled: 11/19/2012 11:00

Sample ID: 12K0685-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:57	MFF
1,4-Dioxane	ND	0.11	mg/Kg dry	1	V-16	SW-846 8260C	11/20/12	11/20/12 10:57	MFF
Ethylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:57	MFF
Hexachlorobutadiene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:57	MFF
2-Hexanone (MBK)	ND	0.021	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:57	MFF
Isopropylbenzene (Cumene)	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:57	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:57	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0042	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:57	MFF
Methylene Chloride	ND	0.021	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:57	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.021	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:57	MFF
Naphthalene	ND	0.0042	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:57	MFF
n-Propylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:57	MFF
Styrene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:57	MFF
1,1,1,2-Tetrachloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:57	MFF
1,1,2,2-Tetrachloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:57	MFF
Tetrachloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:57	MFF
Tetrahydrofuran	ND	0.011	mg/Kg dry	1	V-16	SW-846 8260C	11/20/12	11/20/12 10:57	MFF
Toluene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:57	MFF
1,2,3-Trichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:57	MFF
1,2,4-Trichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:57	MFF
1,3,5-Trichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:57	MFF
1,1,1-Trichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:57	MFF
1,1,2-Trichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:57	MFF
Trichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:57	MFF
Trichlorofluoromethane (Freon 11)	ND	0.011	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:57	MFF
1,2,3-Trichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:57	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.011	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:57	MFF
1,2,4-Trimethylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:57	MFF
1,3,5-Trimethylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:57	MFF
Vinyl Chloride	ND	0.011	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:57	MFF
m+p Xylene	ND	0.0042	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:57	MFF
o-Xylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 10:57	MFF

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	109	70-130	11/20/12 10:57
Toluene-d8	102	70-130	11/20/12 10:57
4-Bromofluorobenzene	99.2	70-130	11/20/12 10:57

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0685

Date Received: 11/19/2012

Field Sample #: TRC-SB6 (14-16ft)

Sampled: 11/19/2012 11:00

Sample ID: 12K0685-02

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR
Acenaphthylene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR
Acetophenone	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR
Aniline	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR
Anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR
Benzidine	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR
Benzo(a)anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR
Benzo(a)pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR
Benzo(b)fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR
Benzo(g,h,i)perylene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR
Benzo(k)fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR
Benzoic Acid	ND	1.1	mg/Kg dry	1	L-04	SW-846 8270D	11/20/12	11/21/12 14:19	CMR
Bis(2-chloroethoxy)methane	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR
Bis(2-chloroethyl)ether	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR
Bis(2-chloroisopropyl)ether	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR
Bis(2-Ethylhexyl)phthalate	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR
4-Bromophenylphenylether	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR
Butylbenzylphthalate	ND	0.74	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR
Carbazole	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR
4-Chloroaniline	ND	0.74	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR
4-Chloro-3-methylphenol	ND	0.74	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR
2-Chloronaphthalene	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR
2-Chlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR
4-Chlorophenylphenylether	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR
Chrysene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR
Dibenz(a,h)anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR
Dibenzofuran	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR
Di-n-butylphthalate	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR
1,2-Dichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR
1,3-Dichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR
1,4-Dichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR
3,3-Dichlorobenzidine	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR
2,4-Dichlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR
Diethylphthalate	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR
2,4-Dimethylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR
Dimethylphthalate	ND	0.74	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR
4,6-Dinitro-2-methylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR
2,4-Dinitrophenol	ND	0.74	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR
2,4-Dinitrotoluene	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR
2,6-Dinitrotoluene	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR
Di-n-octylphthalate	ND	0.74	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR
Fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR
Fluorene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0685

Date Received: 11/19/2012

Field Sample #: TRC-SB6 (14-16ft)

Sampled: 11/19/2012 11:00

Sample ID: 12K0685-02

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR
Hexachlorobutadiene	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR
Hexachlorocyclopentadiene	ND	0.74	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR
Hexachloroethane	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR
Indeno(1,2,3-cd)pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR
Isophorone	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR
1-Methylnaphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR
2-Methylnaphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR
2-Methylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR
3/4-Methylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR
Naphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR
2-Nitroaniline	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR
3-Nitroaniline	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR
4-Nitroaniline	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR
Nitrobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR
2-Nitrophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR
4-Nitrophenol	ND	0.74	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR
N-Nitrosodimethylamine	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR
N-Nitrosodiphenylamine	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR
N-Nitrosodi-n-propylamine	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR
Pentachloronitrobenzene	ND	0.38	mg/Kg dry	1	V-16	SW-846 8270D	11/20/12	11/21/12 14:19	CMR
Pentachlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR
Phenanthrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR
Phenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR
Pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR
Pyridine	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR
1,2,4,5-Tetrachlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR
1,2,4-Trichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR
2,4,5-Trichlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR
2,4,6-Trichlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 14:19	CMR
Surrogates	% Recovery	Recovery Limits	Flag						
2-Fluorophenol	63.6	30-130							
Phenol-d6	57.6	30-130							
Nitrobenzene-d5	50.9	30-130							
2-Fluorobiphenyl	49.6	30-130							
2,4,6-Tribromophenol	52.4	30-130							
Terphenyl-d14	47.0	30-130							

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0685

Date Received: 11/19/2012

Field Sample #: TRC-SB6 (14-16ft)

Sampled: 11/19/2012 11:00

Sample ID: 12K0685-02

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/20/12	11/21/12 18:16	JMB
Aroclor-1221 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/20/12	11/21/12 18:16	JMB
Aroclor-1232 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/20/12	11/21/12 18:16	JMB
Aroclor-1242 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/20/12	11/21/12 18:16	JMB
Aroclor-1248 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/20/12	11/21/12 18:16	JMB
Aroclor-1254 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/20/12	11/21/12 18:16	JMB
Aroclor-1260 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/20/12	11/21/12 18:16	JMB
Aroclor-1262 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/20/12	11/21/12 18:16	JMB
Aroclor-1268 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/20/12	11/21/12 18:16	JMB
Surrogates	% Recovery		Recovery Limits		Flag				
Decachlorobiphenyl [1]	69.6		30-150				11/21/12 18:16		
Decachlorobiphenyl [2]	73.7		30-150				11/21/12 18:16		
Tetrachloro-m-xylene [1]	83.2		30-150				11/21/12 18:16		
Tetrachloro-m-xylene [2]	74.5		30-150				11/21/12 18:16		

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0685

Date Received: 11/19/2012

Field Sample #: TRC-SB6 (14-16ft)

Sampled: 11/19/2012 11:00

Sample ID: 12K0685-02

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	7300	2.8	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 13:32	OP
Antimony	ND	2.8	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 13:32	OP
Arsenic	ND	2.8	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 13:32	OP
Barium	58	2.8	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 13:32	OP
Beryllium	ND	0.28	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 13:32	OP
Cadmium	ND	0.28	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 13:32	OP
Calcium	2200	8.4	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 13:32	OP
Chromium	16	0.56	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 13:32	OP
Cobalt	6.8	2.8	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 13:32	OP
Copper	17	0.56	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 13:32	OP
Iron	13000	2.8	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 13:32	OP
Lead	10	0.84	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 13:32	OP
Magnesium	3200	8.4	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 13:32	OP
Manganese	350	0.56	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 13:32	OP
Mercury	ND	0.028	mg/Kg dry	1		SW-846 7471B	11/20/12	11/21/12 10:07	SAJ
Nickel	15	0.56	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 13:32	OP
Potassium	1600	110	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 13:32	OP
Selenium	ND	2.8	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 13:32	OP
Silver	ND	0.56	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 13:32	OP
Sodium	150	110	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 13:32	OP
Thallium	ND	2.8	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 13:32	OP
Vanadium	24	1.1	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 13:32	OP
Zinc	36	1.1	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 13:32	OP

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0685

Date Received: 11/19/2012

Field Sample #: TRC-SB6 (14-16ft)

Sampled: 11/19/2012 11:00

Sample ID: 12K0685-02

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.8		% Wt	1		SM 2540G	11/20/12	11/21/12 8:15	RH

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0685

Date Received: 11/19/2012

Field Sample #: TRC-SB6 (19-20ft)

Sampled: 11/19/2012 00:00

Sample ID: 12K0685-03

Sample Matrix: Soil

Sample Flags: RL-01

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	36	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
Acrylonitrile	ND	3.6	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.36	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
Benzene	ND	0.71	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
Bromobenzene	ND	0.71	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
Bromochloromethane	ND	0.71	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
Bromodichloromethane	ND	0.71	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
Bromoform	ND	0.71	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
Bromomethane	ND	1.4	mg/Kg dry	10	R-05	SW-846 8260C	11/20/12	11/21/12 14:24	LBD
2-Butanone (MEK)	ND	14	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
tert-Butyl Alcohol (TBA)	ND	14	mg/Kg dry	10	R-05, V-16	SW-846 8260C	11/20/12	11/21/12 14:24	LBD
n-Butylbenzene	8.4	1.4	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
sec-Butylbenzene	3.0	0.71	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
tert-Butylbenzene	ND	0.71	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.36	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
Carbon Disulfide	ND	2.1	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
Carbon Tetrachloride	ND	0.71	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
Chlorobenzene	ND	0.71	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
Chlorodibromomethane	ND	0.36	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
Chloroethane	ND	1.4	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
Chloroform	ND	1.4	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
Chloromethane	ND	1.4	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
2-Chlorotoluene	ND	0.71	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
4-Chlorotoluene	ND	0.71	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	3.6	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
1,2-Dibromoethane (EDB)	ND	0.36	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
Dibromomethane	ND	0.71	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
1,2-Dichlorobenzene	ND	0.71	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
1,3-Dichlorobenzene	ND	0.71	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
1,4-Dichlorobenzene	ND	0.71	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
trans-1,4-Dichloro-2-butene	ND	1.4	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
Dichlorodifluoromethane (Freon 12)	ND	1.4	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
1,1-Dichloroethane	ND	0.71	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
1,2-Dichloroethane	ND	0.71	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
1,1-Dichloroethylene	ND	0.71	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
cis-1,2-Dichloroethylene	ND	0.71	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
trans-1,2-Dichloroethylene	ND	0.71	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
1,2-Dichloropropane	ND	0.71	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
1,3-Dichloropropane	ND	0.36	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
2,2-Dichloropropane	ND	1.4	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
1,1-Dichloropropene	ND	1.4	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
cis-1,3-Dichloropropene	ND	0.36	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
trans-1,3-Dichloropropene	ND	0.36	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
Diethyl Ether	ND	1.4	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0685

Date Received: 11/19/2012

Field Sample #: TRC-SB6 (19-20ft)

Sampled: 11/19/2012 00:00

Sample ID: 12K0685-03

Sample Matrix: Soil

Sample Flags: RL-01

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.36	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
1,4-Dioxane	ND	36	mg/Kg dry	10	V-16	SW-846 8260C	11/20/12	11/21/12 14:24	LBD
Ethylbenzene	ND	0.71	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
Hexachlorobutadiene	ND	0.71	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
2-Hexanone (MBK)	ND	7.1	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
Isopropylbenzene (Cumene)	0.83	0.71	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
p-Isopropyltoluene (p-Cymene)	2.6	0.71	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
Methyl tert-Butyl Ether (MTBE)	ND	0.71	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
Methylene Chloride	ND	3.6	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
4-Methyl-2-pentanone (MIBK)	ND	7.1	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
Naphthalene	16	1.4	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
n-Propylbenzene	1.8	0.71	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
Styrene	ND	0.71	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
1,1,1,2-Tetrachloroethane	ND	0.71	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
1,1,2,2-Tetrachloroethane	ND	0.36	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
Tetrachloroethylene	ND	0.71	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
Tetrahydrofuran	ND	7.1	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
Toluene	ND	0.71	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
1,2,3-Trichlorobenzene	ND	3.6	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
1,2,4-Trichlorobenzene	ND	0.71	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
1,3,5-Trichlorobenzene	ND	0.71	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
1,1,1-Trichloroethane	ND	0.71	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
1,1,2-Trichloroethane	ND	0.71	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
Trichloroethylene	ND	0.71	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
Trichlorofluoromethane (Freon 11)	ND	1.4	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
1,2,3-Trichloropropane	ND	1.4	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.71	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
1,2,4-Trimethylbenzene	12	0.71	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
1,3,5-Trimethylbenzene	7.8	0.71	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
Vinyl Chloride	ND	1.4	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
m+p Xylene	ND	1.4	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
o-Xylene	ND	0.71	mg/Kg dry	10		SW-846 8260C	11/20/12	11/21/12 14:24	LBD
Surrogates	% Recovery	Recovery Limits	Flag						
1,2-Dichloroethane-d4	112	70-130							
Toluene-d8	116	70-130							
4-Bromofluorobenzene	99.3	70-130							

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0685

Date Received: 11/19/2012

Field Sample #: TRC-SB6 (19-20ft)

Sampled: 11/19/2012 00:00

Sample ID: 12K0685-03

Sample Matrix: Soil

Sample Flags: DL-03

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	2.0	1.5	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR
Acenaphthylene	ND	1.5	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR
Acetophenone	ND	3.1	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR
Aniline	ND	3.1	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR
Anthracene	ND	1.5	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR
Benzidine	ND	3.1	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR
Benzo(a)anthracene	ND	1.5	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR
Benzo(a)pyrene	ND	1.5	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR
Benzo(b)fluoranthene	ND	1.5	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR
Benzo(g,h,i)perylene	ND	1.5	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR
Benzo(k)fluoranthene	ND	1.5	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR
Benzoic Acid	ND	9.1	mg/Kg dry	4	L-04	SW-846 8270D	11/20/12	11/21/12 19:26	CMR
Bis(2-chloroethoxy)methane	ND	3.1	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR
Bis(2-chloroethyl)ether	ND	3.1	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR
Bis(2-chloroisopropyl)ether	ND	3.1	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR
Bis(2-Ethylhexyl)phthalate	ND	3.1	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR
4-Bromophenylphenylether	ND	3.1	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR
Butylbenzylphthalate	ND	6.0	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR
Carbazole	ND	1.5	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR
4-Chloroaniline	ND	6.0	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR
4-Chloro-3-methylphenol	ND	6.0	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR
2-Chloronaphthalene	ND	3.1	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR
2-Chlorophenol	ND	3.1	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR
4-Chlorophenylphenylether	ND	3.1	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR
Chrysene	ND	1.5	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR
Dibenz(a,h)anthracene	ND	1.5	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR
Dibenzofuran	ND	3.1	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR
Di-n-butylphthalate	ND	3.1	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR
1,2-Dichlorobenzene	ND	3.1	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR
1,3-Dichlorobenzene	ND	3.1	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR
1,4-Dichlorobenzene	ND	3.1	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR
3,3-Dichlorobenzidine	ND	1.5	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR
2,4-Dichlorophenol	ND	3.1	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR
Diethylphthalate	ND	3.1	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR
2,4-Dimethylphenol	ND	3.1	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR
Dimethylphthalate	ND	6.0	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR
4,6-Dinitro-2-methylphenol	ND	3.1	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR
2,4-Dinitrophenol	ND	6.0	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR
2,4-Dinitrotoluene	ND	3.1	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR
2,6-Dinitrotoluene	ND	3.1	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR
Di-n-octylphthalate	ND	6.0	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR
1,2-Diphenylhydrazine (as Azobenzene)	ND	3.1	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR
Fluoranthene	ND	1.5	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR
Fluorene	2.1	1.5	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0685

Date Received: 11/19/2012

Field Sample #: TRC-SB6 (19-20ft)

Sampled: 11/19/2012 00:00

Sample ID: 12K0685-03

Sample Matrix: Soil

Sample Flags: DL-03

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	3.1	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR
Hexachlorobutadiene	ND	3.1	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR
Hexachlorocyclopentadiene	ND	6.0	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR
Hexachloroethane	ND	3.1	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR
Indeno(1,2,3-cd)pyrene	ND	1.5	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR
Isophorone	ND	3.1	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR
1-Methylnaphthalene	19	1.5	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR
2-Methylnaphthalene	17	1.5	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR
2-Methylphenol	ND	3.1	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR
3/4-Methylphenol	ND	3.1	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR
Naphthalene	4.9	1.5	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR
2-Nitroaniline	ND	3.1	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR
3-Nitroaniline	ND	3.1	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR
4-Nitroaniline	ND	3.1	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR
Nitrobenzene	ND	3.1	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR
2-Nitrophenol	ND	3.1	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR
4-Nitrophenol	ND	6.0	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR
N-Nitrosodimethylamine	ND	3.1	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR
N-Nitrosodiphenylamine	ND	3.1	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR
N-Nitrosodi-n-propylamine	ND	3.1	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR
Pentachloronitrobenzene	ND	3.1	mg/Kg dry	4	V-16	SW-846 8270D	11/20/12	11/21/12 19:26	CMR
Pentachlorophenol	ND	3.1	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR
Phenanthrene	6.6	1.5	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR
Phenol	ND	3.1	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR
Pyrene	ND	1.5	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR
Pyridine	ND	3.1	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR
1,2,4,5-Tetrachlorobenzene	ND	3.1	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR
1,2,4-Trichlorobenzene	ND	3.1	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR
2,4,5-Trichlorophenol	ND	3.1	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR
2,4,6-Trichlorophenol	ND	3.1	mg/Kg dry	4		SW-846 8270D	11/20/12	11/21/12 19:26	CMR
Surrogates	% Recovery	Recovery Limits	Flag						
2-Fluorophenol	35.0	30-130							
Phenol-d6	34.9	30-130							
Nitrobenzene-d5	62.1	30-130							
2-Fluorobiphenyl	40.0	30-130							
2,4,6-Tribromophenol	54.1	30-130							
Terphenyl-d14	36.5	30-130							

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0685

Date Received: 11/19/2012

Field Sample #: TRC-SB6 (19-20ft)

Sampled: 11/19/2012 00:00

Sample ID: 12K0685-03

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.8		% Wt	1		SM 2540G	11/20/12	11/21/12 8:15	RH

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0685

Date Received: 11/19/2012

Field Sample #: TRC-GW-6

Sampled: 11/19/2012 10:40

Sample ID: 12K0685-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	11/20/12	11/20/12 12:51	MFF
n-Butylbenzene	ND	2.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
2,2-Dichloropropane	ND	2.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0685

Date Received: 11/19/2012

Field Sample #: TRC-GW-6

Sampled: 11/19/2012 10:40

Sample ID: 12K0685-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	11/20/12	11/20/12 12:51	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:51	MFF
Surrogates	% Recovery	Recovery Limits	Flag						
1,2-Dichloroethane-d4	102	70-130							
Toluene-d8	97.2	70-130							
4-Bromofluorobenzene	100	70-130							

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0685

Date Received: 11/19/2012

Field Sample #: TRC-GW-6

Sampled: 11/19/2012 10:40

Sample ID: 12K0685-04

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.5	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:25	CMR
Acenaphthylene	ND	5.5	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:25	CMR
Acetophenone	ND	11	µg/L	1	R-05	SW-846 8270D	11/20/12	11/21/12 13:25	CMR
Aniline	ND	5.5	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:25	CMR
Anthracene	ND	5.5	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:25	CMR
Benzidine	ND	11	µg/L	1	R-05	SW-846 8270D	11/20/12	11/21/12 13:25	CMR
Benzo(a)anthracene	ND	5.5	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:25	CMR
Benzo(a)pyrene	ND	5.5	µg/L	1	R-05	SW-846 8270D	11/20/12	11/21/12 13:25	CMR
Benzo(b)fluoranthene	ND	5.5	µg/L	1	R-05	SW-846 8270D	11/20/12	11/21/12 13:25	CMR
Benzo(g,h,i)perylene	ND	5.5	µg/L	1	R-05	SW-846 8270D	11/20/12	11/21/12 13:25	CMR
Benzo(k)fluoranthene	ND	5.5	µg/L	1	R-05	SW-846 8270D	11/20/12	11/21/12 13:25	CMR
Benzoic Acid	ND	11	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:25	CMR
Bis(2-chloroethoxy)methane	ND	11	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:25	CMR
Bis(2-chloroethyl)ether	ND	11	µg/L	1	R-05	SW-846 8270D	11/20/12	11/21/12 13:25	CMR
Bis(2-chloroisopropyl)ether	ND	11	µg/L	1	R-05	SW-846 8270D	11/20/12	11/21/12 13:25	CMR
Bis(2-Ethylhexyl)phthalate	ND	11	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:25	CMR
4-Bromophenylphenylether	ND	11	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:25	CMR
Butylbenzylphthalate	ND	11	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:25	CMR
Carbazole	ND	11	µg/L	1	R-05	SW-846 8270D	11/20/12	11/21/12 13:25	CMR
4-Chloroaniline	ND	11	µg/L	1	R-05	SW-846 8270D	11/20/12	11/21/12 13:25	CMR
4-Chloro-3-methylphenol	ND	11	µg/L	1	R-05	SW-846 8270D	11/20/12	11/21/12 13:25	CMR
2-Chloronaphthalene	ND	11	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:25	CMR
2-Chlorophenol	ND	11	µg/L	1	R-05	SW-846 8270D	11/20/12	11/21/12 13:25	CMR
4-Chlorophenylphenylether	ND	11	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:25	CMR
Chrysene	ND	5.5	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:25	CMR
Dibenz(a,h)anthracene	ND	5.5	µg/L	1	R-05, V-20	SW-846 8270D	11/20/12	11/21/12 13:25	CMR
Dibenzofuran	ND	5.5	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:25	CMR
Di-n-butylphthalate	ND	11	µg/L	1	R-05	SW-846 8270D	11/20/12	11/21/12 13:25	CMR
1,2-Dichlorobenzene	ND	5.5	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:25	CMR
1,3-Dichlorobenzene	ND	5.5	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:25	CMR
1,4-Dichlorobenzene	ND	5.5	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:25	CMR
3,3-Dichlorobenzidine	ND	11	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:25	CMR
2,4-Dichlorophenol	ND	11	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:25	CMR
Diethylphthalate	ND	11	µg/L	1	R-05	SW-846 8270D	11/20/12	11/21/12 13:25	CMR
2,4-Dimethylphenol	ND	11	µg/L	1	R-05	SW-846 8270D	11/20/12	11/21/12 13:25	CMR
Dimethylphthalate	ND	11	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:25	CMR
4,6-Dinitro-2-methylphenol	ND	11	µg/L	1	V-04	SW-846 8270D	11/20/12	11/21/12 13:25	CMR
2,4-Dinitrophenol	ND	11	µg/L	1	V-04	SW-846 8270D	11/20/12	11/21/12 13:25	CMR
2,4-Dinitrotoluene	ND	11	µg/L	1	R-05	SW-846 8270D	11/20/12	11/21/12 13:25	CMR
2,6-Dinitrotoluene	ND	11	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:25	CMR
Di-n-octylphthalate	ND	11	µg/L	1	R-05	SW-846 8270D	11/20/12	11/21/12 13:25	CMR
1,2-Diphenylhydrazine (as Azobenzene)	ND	11	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:25	CMR
Fluoranthene	ND	5.5	µg/L	1	R-05	SW-846 8270D	11/20/12	11/21/12 13:25	CMR
Fluorene	ND	5.5	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:25	CMR

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0685

Date Received: 11/19/2012

Field Sample #: TRC-GW-6

Sampled: 11/19/2012 10:40

Sample ID: 12K0685-04

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	11	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:25	CMR
Hexachlorobutadiene	ND	11	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:25	CMR
Hexachlorocyclopentadiene	ND	11	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:25	CMR
Hexachloroethane	ND	11	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:25	CMR
Indeno(1,2,3-cd)pyrene	ND	5.5	µg/L	1	V-20	SW-846 8270D	11/20/12	11/21/12 13:25	CMR
Isophorone	ND	11	µg/L	1	R-05	SW-846 8270D	11/20/12	11/21/12 13:25	CMR
1-Methylnaphthalene	ND	5.5	µg/L	1	R-05	SW-846 8270D	11/20/12	11/21/12 13:25	CMR
2-Methylnaphthalene	ND	5.5	µg/L	1	R-05	SW-846 8270D	11/20/12	11/21/12 13:25	CMR
2-Methylphenol	ND	11	µg/L	1	R-05	SW-846 8270D	11/20/12	11/21/12 13:25	CMR
3/4-Methylphenol	ND	11	µg/L	1	R-05	SW-846 8270D	11/20/12	11/21/12 13:25	CMR
Naphthalene	ND	5.5	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:25	CMR
2-Nitroaniline	ND	11	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:25	CMR
3-Nitroaniline	ND	11	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:25	CMR
4-Nitroaniline	ND	11	µg/L	1	R-05	SW-846 8270D	11/20/12	11/21/12 13:25	CMR
Nitrobenzene	ND	11	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:25	CMR
2-Nitrophenol	ND	11	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:25	CMR
4-Nitrophenol	ND	11	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:25	CMR
N-Nitrosodimethylamine	ND	5.5	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:25	CMR
N-Nitrosodiphenylamine	ND	11	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:25	CMR
N-Nitrosodi-n-propylamine	ND	11	µg/L	1	R-05	SW-846 8270D	11/20/12	11/21/12 13:25	CMR
Pentachloronitrobenzene	ND	11	µg/L	1	V-16	SW-846 8270D	11/20/12	11/21/12 13:25	CMR
Pentachlorophenol	ND	11	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:25	CMR
Phenanthrene	ND	5.5	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:25	CMR
Phenol	ND	11	µg/L	1	R-05	SW-846 8270D	11/20/12	11/21/12 13:25	CMR
Pyrene	ND	5.5	µg/L	1	R-05	SW-846 8270D	11/20/12	11/21/12 13:25	CMR
Pyridine	ND	5.5	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:25	CMR
1,2,4,5-Tetrachlorobenzene	ND	11	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:25	CMR
1,2,4-Trichlorobenzene	ND	5.5	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:25	CMR
2,4,5-Trichlorophenol	ND	11	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:25	CMR
2,4,6-Trichlorophenol	ND	11	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:25	CMR
Surrogates	% Recovery	Recovery Limits	Flag						
2-Fluorophenol	51.8	15-110							
Phenol-d6	34.8	15-110							
Nitrobenzene-d5	69.0	30-130							
2-Fluorobiphenyl	69.2	30-130							
2,4,6-Tribromophenol	79.0	15-110							
Terphenyl-d14	67.4	30-130							

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0685

Date Received: 11/19/2012

Field Sample #: TRC-GW-6

Sampled: 11/19/2012 10:40

Sample ID: 12K0685-04

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	34	0.050	mg/L	1		SW-846 6010C	11/20/12	11/27/12 13:24	OP
Antimony	ND	5.0	µg/L	5		SW-846 6020A	11/20/12	11/26/12 16:26	KSH
Arsenic	3.4	2.0	µg/L	5		SW-846 6020A	11/20/12	11/26/12 16:26	KSH
Barium	230	50	µg/L	5		SW-846 6020A	11/20/12	11/26/12 16:26	KSH
Beryllium	ND	2.0	µg/L	5		SW-846 6020A	11/20/12	11/27/12 11:07	KSH
Cadmium	ND	2.5	µg/L	5		SW-846 6020A	11/20/12	11/26/12 16:26	KSH
Calcium	75	0.15	mg/L	1		SW-846 6010C	11/20/12	11/27/12 13:24	OP
Chromium	150	5.0	µg/L	5		SW-846 6020A	11/20/12	11/26/12 16:26	KSH
Cobalt	23	5.0	µg/L	5		SW-846 6020A	11/20/12	11/26/12 16:26	KSH
Copper	30	25	µg/L	5		SW-846 6020A	11/20/12	11/26/12 16:26	KSH
Iron	57	0.050	mg/L	1		SW-846 6010C	11/20/12	11/27/12 13:24	OP
Lead	17	5.0	µg/L	5		SW-846 6020A	11/20/12	11/26/12 16:26	KSH
Magnesium	63	0.15	mg/L	1		SW-846 6010C	11/20/12	11/27/12 13:24	OP
Manganese	1300	5.0	µg/L	5		SW-846 6020A	11/20/12	11/26/12 16:26	KSH
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	11/20/12	11/21/12 10:54	SAJ
Nickel	90	25	µg/L	5		SW-846 6020A	11/20/12	11/26/12 16:26	KSH
Potassium	20	2.0	mg/L	1		SW-846 6010C	11/20/12	11/27/12 13:24	OP
Selenium	ND	25	µg/L	5		SW-846 6020A	11/20/12	11/26/12 16:26	KSH
Silver	ND	2.5	µg/L	5		SW-846 6020A	11/20/12	11/27/12 11:07	KSH
Sodium	100	2.0	mg/L	1		SW-846 6010C	11/20/12	11/27/12 13:24	OP
Thallium	ND	1.0	µg/L	5		SW-846 6020A	11/20/12	11/26/12 16:26	KSH
Vanadium	110	25	µg/L	5		SW-846 6020A	11/20/12	11/26/12 16:26	KSH
Zinc	150	50	µg/L	5		SW-846 6020A	11/20/12	11/26/12 16:26	KSH

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0685

Date Received: 11/19/2012

Field Sample #: TRC-GW-6

Sampled: 11/19/2012 10:40

Sample ID: 12K0685-04

Sample Matrix: Ground Water

Metals Analyses (Dissolved)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	ND	0.050	mg/L	1		SW-846 6010C	11/20/12	11/27/12 19:16	OP
Antimony	ND	5.0	µg/L	5		SW-846 6020A	11/20/12	11/27/12 12:13	KSH
Arsenic	ND	2.0	µg/L	5		SW-846 6020A	11/20/12	11/27/12 12:13	KSH
Barium	52	50	µg/L	5		SW-846 6020A	11/20/12	11/27/12 12:13	KSH
Beryllium	ND	2.0	µg/L	5		SW-846 6020A	11/20/12	11/27/12 15:39	KSH
Cadmium	ND	2.5	µg/L	5		SW-846 6020A	11/20/12	11/27/12 12:13	KSH
Calcium	68	0.15	mg/L	1	MS-19	SW-846 6010C	11/20/12	11/27/12 19:16	OP
Chromium	ND	5.0	µg/L	5		SW-846 6020A	11/20/12	11/27/12 15:39	KSH
Cobalt	ND	5.0	µg/L	5		SW-846 6020A	11/20/12	11/27/12 12:13	KSH
Copper	ND	25	µg/L	5		SW-846 6020A	11/20/12	11/27/12 12:13	KSH
Iron	ND	0.050	mg/L	1		SW-846 6010C	11/20/12	11/27/12 19:16	OP
Lead	ND	5.0	µg/L	5		SW-846 6020A	11/20/12	11/27/12 12:13	KSH
Magnesium	38	0.15	mg/L	1	MS-19	SW-846 6010C	11/20/12	11/27/12 19:16	OP
Manganese	170	5.0	µg/L	5		SW-846 6020A	11/20/12	11/27/12 12:13	KSH
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	11/20/12	11/21/12 10:33	SAJ
Nickel	ND	25	µg/L	5		SW-846 6020A	11/20/12	11/27/12 12:13	KSH
Potassium	6.2	2.0	mg/L	1		SW-846 6010C	11/20/12	11/27/12 19:16	OP
Selenium	ND	25	µg/L	5		SW-846 6020A	11/20/12	11/27/12 12:13	KSH
Silver	ND	2.5	µg/L	5		SW-846 6020A	11/20/12	11/27/12 15:39	KSH
Sodium	100	2.0	mg/L	1		SW-846 6010C	11/20/12	11/28/12 13:54	OP
Thallium	ND	1.0	µg/L	5		SW-846 6020A	11/20/12	11/27/12 12:13	KSH
Vanadium	ND	25	µg/L	5		SW-846 6020A	11/20/12	11/27/12 15:39	KSH
Zinc	ND	50	µg/L	5		SW-846 6020A	11/20/12	11/27/12 12:13	KSH

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0685

Date Received: 11/19/2012

Field Sample #: TRC-SB7 (1-4ft)

Sampled: 11/19/2012 13:10

Sample ID: 12K0685-05

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.11	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:18	MFF
Acrylonitrile	ND	0.0067	mg/Kg dry	1	V-16	SW-846 8260C	11/20/12	11/20/12 12:18	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:18	MFF
Benzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:18	MFF
Bromobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:18	MFF
Bromochloromethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:18	MFF
Bromodichloromethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:18	MFF
Bromoform	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:18	MFF
Bromomethane	ND	0.011	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:18	MFF
2-Butanone (MEK)	ND	0.045	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:18	MFF
tert-Butyl Alcohol (TBA)	ND	0.045	mg/Kg dry	1	V-16	SW-846 8260C	11/20/12	11/20/12 12:18	MFF
n-Butylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:18	MFF
sec-Butylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:18	MFF
tert-Butylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:18	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:18	MFF
Carbon Disulfide	ND	0.0067	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:18	MFF
Carbon Tetrachloride	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:18	MFF
Chlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:18	MFF
Chlorodibromomethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:18	MFF
Chloroethane	ND	0.022	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:18	MFF
Chloroform	ND	0.0045	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:18	MFF
Chloromethane	ND	0.011	mg/Kg dry	1	V-05, L-04	SW-846 8260C	11/20/12	11/20/12 12:18	MFF
2-Chlorotoluene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:18	MFF
4-Chlorotoluene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:18	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0022	mg/Kg dry	1	V-16	SW-846 8260C	11/20/12	11/20/12 12:18	MFF
1,2-Dibromoethane (EDB)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:18	MFF
Dibromomethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:18	MFF
1,2-Dichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:18	MFF
1,3-Dichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:18	MFF
1,4-Dichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:18	MFF
trans-1,4-Dichloro-2-butene	ND	0.0045	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:18	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.022	mg/Kg dry	1	L-04, V-05	SW-846 8260C	11/20/12	11/20/12 12:18	MFF
1,1-Dichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:18	MFF
1,2-Dichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:18	MFF
1,1-Dichloroethylene	ND	0.0045	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:18	MFF
cis-1,2-Dichloroethylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:18	MFF
trans-1,2-Dichloroethylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:18	MFF
1,2-Dichloropropane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:18	MFF
1,3-Dichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:18	MFF
2,2-Dichloropropane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:18	MFF
1,1-Dichloropropene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:18	MFF
cis-1,3-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:18	MFF
trans-1,3-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:18	MFF
Diethyl Ether	ND	0.022	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:18	MFF

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0685

Date Received: 11/19/2012

Field Sample #: TRC-SB7 (1-4ft)

Sampled: 11/19/2012 13:10

Sample ID: 12K0685-05

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:18	MFF
1,4-Dioxane	ND	0.11	mg/Kg dry	1	V-16	SW-846 8260C	11/20/12	11/20/12 12:18	MFF
Ethylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:18	MFF
Hexachlorobutadiene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:18	MFF
2-Hexanone (MBK)	ND	0.022	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:18	MFF
Isopropylbenzene (Cumene)	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:18	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:18	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0045	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:18	MFF
Methylene Chloride	ND	0.022	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:18	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.022	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:18	MFF
Naphthalene	ND	0.0045	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:18	MFF
n-Propylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:18	MFF
Styrene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:18	MFF
1,1,1,2-Tetrachloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:18	MFF
1,1,2,2-Tetrachloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:18	MFF
Tetrachloroethylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:18	MFF
Tetrahydrofuran	ND	0.011	mg/Kg dry	1	V-16	SW-846 8260C	11/20/12	11/20/12 12:18	MFF
Toluene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:18	MFF
1,2,3-Trichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:18	MFF
1,2,4-Trichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:18	MFF
1,3,5-Trichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:18	MFF
1,1,1-Trichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:18	MFF
1,1,2-Trichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:18	MFF
Trichloroethylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:18	MFF
Trichlorofluoromethane (Freon 11)	ND	0.011	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:18	MFF
1,2,3-Trichloropropane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:18	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.011	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:18	MFF
1,2,4-Trimethylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:18	MFF
1,3,5-Trimethylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:18	MFF
Vinyl Chloride	ND	0.011	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:18	MFF
m+p Xylene	ND	0.0045	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:18	MFF
o-Xylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:18	MFF
Surrogates	% Recovery	Recovery Limits	Flag						
1,2-Dichloroethane-d4	122	70-130							
Toluene-d8	102	70-130							
4-Bromofluorobenzene	100	70-130							

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0685

Date Received: 11/19/2012

Field Sample #: TRC-SB7 (1-4ft)

Sampled: 11/19/2012 13:10

Sample ID: 12K0685-05

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR
Acenaphthylene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR
Acetophenone	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR
Aniline	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR
Anthracene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR
Benzidine	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR
Benzo(a)anthracene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR
Benzo(a)pyrene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR
Benzo(b)fluoranthene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR
Benzo(g,h,i)perylene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR
Benzo(k)fluoranthene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR
Benzoic Acid	ND	1.2	mg/Kg dry	1	L-04	SW-846 8270D	11/20/12	11/21/12 15:21	CMR
Bis(2-chloroethoxy)methane	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR
Bis(2-chloroethyl)ether	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR
Bis(2-chloroisopropyl)ether	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR
Bis(2-Ethylhexyl)phthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR
4-Bromophenylphenylether	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR
Butylbenzylphthalate	ND	0.77	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR
Carbazole	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR
4-Chloroaniline	ND	0.77	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR
4-Chloro-3-methylphenol	ND	0.77	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR
2-Chloronaphthalene	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR
2-Chlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR
4-Chlorophenylphenylether	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR
Chrysene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR
Dibenz(a,h)anthracene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR
Dibenzofuran	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR
Di-n-butylphthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR
1,2-Dichlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR
1,3-Dichlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR
1,4-Dichlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR
3,3-Dichlorobenzidine	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR
2,4-Dichlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR
Diethylphthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR
2,4-Dimethylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR
Dimethylphthalate	ND	0.77	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR
4,6-Dinitro-2-methylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR
2,4-Dinitrophenol	ND	0.77	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR
2,4-Dinitrotoluene	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR
2,6-Dinitrotoluene	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR
Di-n-octylphthalate	ND	0.77	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR
Fluoranthene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR
Fluorene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0685

Date Received: 11/19/2012

Field Sample #: TRC-SB7 (1-4ft)

Sampled: 11/19/2012 13:10

Sample ID: 12K0685-05

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR
Hexachlorobutadiene	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR
Hexachlorocyclopentadiene	ND	0.77	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR
Hexachloroethane	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR
Indeno(1,2,3-cd)pyrene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR
Isophorone	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR
1-Methylnaphthalene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR
2-Methylnaphthalene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR
2-Methylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR
3/4-Methylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR
Naphthalene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR
2-Nitroaniline	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR
3-Nitroaniline	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR
4-Nitroaniline	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR
Nitrobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR
2-Nitrophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR
4-Nitrophenol	ND	0.77	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR
N-Nitrosodimethylamine	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR
N-Nitrosodiphenylamine	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR
N-Nitrosodi-n-propylamine	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR
Pentachloronitrobenzene	ND	0.39	mg/Kg dry	1	V-16	SW-846 8270D	11/20/12	11/21/12 15:21	CMR
Pentachlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR
Phenanthrene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR
Phenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR
Pyrene	ND	0.20	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR
Pyridine	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR
1,2,4,5-Tetrachlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR
1,2,4-Trichlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR
2,4,5-Trichlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR
2,4,6-Trichlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 15:21	CMR
Surrogates	% Recovery	Recovery Limits	Flag						
2-Fluorophenol	70.3	30-130							
Phenol-d6	61.2	30-130							
Nitrobenzene-d5	56.3	30-130							
2-Fluorobiphenyl	51.9	30-130							
2,4,6-Tribromophenol	58.1	30-130							
Terphenyl-d14	53.7	30-130							

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0685

Date Received: 11/19/2012

Field Sample #: TRC-SB7 (1-4ft)

Sampled: 11/19/2012 13:10

Sample ID: 12K0685-05

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/20/12	11/21/12 18:28	JMB
Aroclor-1221 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/20/12	11/21/12 18:28	JMB
Aroclor-1232 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/20/12	11/21/12 18:28	JMB
Aroclor-1242 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/20/12	11/21/12 18:28	JMB
Aroclor-1248 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/20/12	11/21/12 18:28	JMB
Aroclor-1254 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/20/12	11/21/12 18:28	JMB
Aroclor-1260 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/20/12	11/21/12 18:28	JMB
Aroclor-1262 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/20/12	11/21/12 18:28	JMB
Aroclor-1268 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	11/20/12	11/21/12 18:28	JMB
Surrogates	% Recovery		Recovery Limits		Flag				
Decachlorobiphenyl [1]	50.2		30-150				11/21/12 18:28		
Decachlorobiphenyl [2]	53.4		30-150				11/21/12 18:28		
Tetrachloro-m-xylene [1]	59.8		30-150				11/21/12 18:28		
Tetrachloro-m-xylene [2]	53.4		30-150				11/21/12 18:28		

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0685

Date Received: 11/19/2012

Field Sample #: TRC-SB7 (1-4ft)

Sampled: 11/19/2012 13:10

Sample ID: 12K0685-05

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	9900	2.9	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 14:05	OP
Antimony	ND	2.9	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 14:05	OP
Arsenic	ND	2.9	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 14:05	OP
Barium	38	2.9	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 14:05	OP
Beryllium	ND	0.29	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 14:05	OP
Cadmium	ND	0.29	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 14:05	OP
Calcium	1300	8.7	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 14:05	OP
Chromium	13	0.58	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 14:05	OP
Cobalt	6.8	2.9	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 14:05	OP
Copper	17	0.58	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 14:05	OP
Iron	16000	2.9	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 14:05	OP
Lead	13	0.87	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 14:05	OP
Magnesium	2100	8.7	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 14:05	OP
Manganese	360	0.58	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 14:05	OP
Mercury	ND	0.029	mg/Kg dry	1		SW-846 7471B	11/20/12	11/21/12 10:08	SAJ
Nickel	11	0.58	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 14:05	OP
Potassium	690	120	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 14:05	OP
Selenium	ND	2.9	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 14:05	OP
Silver	ND	0.58	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 14:05	OP
Sodium	ND	120	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 14:05	OP
Thallium	ND	2.9	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 14:05	OP
Vanadium	22	1.2	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 14:05	OP
Zinc	27	1.2	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 14:05	OP

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0685

Date Received: 11/19/2012

Field Sample #: TRC-SB7 (1-4ft)

Sampled: 11/19/2012 13:10

Sample ID: 12K0685-05

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.7		% Wt	1		SM 2540G	11/20/12	11/21/12 8:15	RH

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0685

Date Received: 11/19/2012

Field Sample #: TRC-SB7 (16-18ft)

Sampled: 11/19/2012 13:20

Sample ID: 12K0685-06

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.090	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:46	MFF
Acrylonitrile	ND	0.0054	mg/Kg dry	1	V-16	SW-846 8260C	11/20/12	11/20/12 12:46	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00090	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:46	MFF
Benzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:46	MFF
Bromobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:46	MFF
Bromochloromethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:46	MFF
Bromodichloromethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:46	MFF
Bromoform	ND	0.0018	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:46	MFF
Bromomethane	ND	0.0090	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:46	MFF
2-Butanone (MEK)	ND	0.036	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:46	MFF
tert-Butyl Alcohol (TBA)	ND	0.036	mg/Kg dry	1	V-16	SW-846 8260C	11/20/12	11/20/12 12:46	MFF
n-Butylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:46	MFF
sec-Butylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:46	MFF
tert-Butylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:46	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00090	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:46	MFF
Carbon Disulfide	ND	0.0054	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:46	MFF
Carbon Tetrachloride	ND	0.0018	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:46	MFF
Chlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:46	MFF
Chlorodibromomethane	ND	0.00090	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:46	MFF
Chloroethane	ND	0.018	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:46	MFF
Chloroform	ND	0.0036	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:46	MFF
Chloromethane	ND	0.0090	mg/Kg dry	1	L-04, V-05	SW-846 8260C	11/20/12	11/20/12 12:46	MFF
2-Chlorotoluene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:46	MFF
4-Chlorotoluene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:46	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0018	mg/Kg dry	1	V-16	SW-846 8260C	11/20/12	11/20/12 12:46	MFF
1,2-Dibromoethane (EDB)	ND	0.00090	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:46	MFF
Dibromomethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:46	MFF
1,2-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:46	MFF
1,3-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:46	MFF
1,4-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:46	MFF
trans-1,4-Dichloro-2-butene	ND	0.0036	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:46	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.018	mg/Kg dry	1	L-04, V-05	SW-846 8260C	11/20/12	11/20/12 12:46	MFF
1,1-Dichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:46	MFF
1,2-Dichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:46	MFF
1,1-Dichloroethylene	ND	0.0036	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:46	MFF
cis-1,2-Dichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:46	MFF
trans-1,2-Dichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:46	MFF
1,2-Dichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:46	MFF
1,3-Dichloropropane	ND	0.00090	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:46	MFF
2,2-Dichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:46	MFF
1,1-Dichloropropene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:46	MFF
cis-1,3-Dichloropropene	ND	0.00090	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:46	MFF
trans-1,3-Dichloropropene	ND	0.00090	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:46	MFF
Diethyl Ether	ND	0.018	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:46	MFF

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0685

Date Received: 11/19/2012

Field Sample #: TRC-SB7 (16-18ft)

Sampled: 11/19/2012 13:20

Sample ID: 12K0685-06

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00090	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:46	MFF
1,4-Dioxane	ND	0.090	mg/Kg dry	1	V-16	SW-846 8260C	11/20/12	11/20/12 12:46	MFF
Ethylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:46	MFF
Hexachlorobutadiene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:46	MFF
2-Hexanone (MBK)	ND	0.018	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:46	MFF
Isopropylbenzene (Cumene)	ND	0.0018	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:46	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0018	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:46	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0036	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:46	MFF
Methylene Chloride	ND	0.018	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:46	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.018	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:46	MFF
Naphthalene	ND	0.0036	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:46	MFF
n-Propylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:46	MFF
Styrene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:46	MFF
1,1,1,2-Tetrachloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:46	MFF
1,1,2,2-Tetrachloroethane	ND	0.00090	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:46	MFF
Tetrachloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:46	MFF
Tetrahydrofuran	ND	0.0090	mg/Kg dry	1	V-16	SW-846 8260C	11/20/12	11/20/12 12:46	MFF
Toluene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:46	MFF
1,2,3-Trichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:46	MFF
1,2,4-Trichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:46	MFF
1,3,5-Trichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:46	MFF
1,1,1-Trichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:46	MFF
1,1,2-Trichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:46	MFF
Trichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:46	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0090	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:46	MFF
1,2,3-Trichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:46	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0090	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:46	MFF
1,2,4-Trimethylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:46	MFF
1,3,5-Trimethylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:46	MFF
Vinyl Chloride	ND	0.0090	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:46	MFF
m+p Xylene	ND	0.0036	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:46	MFF
o-Xylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	11/20/12	11/20/12 12:46	MFF
Surrogates	% Recovery	Recovery Limits	Flag						
1,2-Dichloroethane-d4	108	70-130							
Toluene-d8	102	70-130							
4-Bromofluorobenzene	101	70-130							

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0685

Date Received: 11/19/2012

Field Sample #: TRC-SB7 (16-18ft)

Sampled: 11/19/2012 13:20

Sample ID: 12K0685-06

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
Acenaphthylene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
Acetophenone	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
Aniline	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
Anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
Benzidine	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
Benzo(a)anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
Benzo(a)pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
Benzo(b)fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
Benzo(g,h,i)perylene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
Benzo(k)fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
Benzoic Acid	ND	1.1	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
Bis(2-chloroethoxy)methane	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
Bis(2-chloroethyl)ether	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
Bis(2-chloroisopropyl)ether	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
4-Bromophenylphenylether	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
Butylbenzylphthalate	ND	0.75	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
Carbazole	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
4-Chloroaniline	ND	0.75	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
4-Chloro-3-methylphenol	ND	0.75	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
2-Chloronaphthalene	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
2-Chlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
4-Chlorophenylphenylether	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
Chrysene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
Dibenz(a,h)anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
Dibenzofuran	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
Di-n-butylphthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
1,2-Dichlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
1,3-Dichlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
1,4-Dichlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
3,3-Dichlorobenzidine	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
2,4-Dichlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
Diethylphthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
2,4-Dimethylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
Dimethylphthalate	ND	0.75	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
4,6-Dinitro-2-methylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
2,4-Dinitrophenol	ND	0.75	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
2,4-Dinitrotoluene	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
2,6-Dinitrotoluene	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
Di-n-octylphthalate	ND	0.75	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
Fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
Fluorene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0685

Date Received: 11/19/2012

Field Sample #: TRC-SB7 (16-18ft)

Sampled: 11/19/2012 13:20

Sample ID: 12K0685-06

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
Hexachlorobutadiene	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
Hexachlorocyclopentadiene	ND	0.75	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
Hexachloroethane	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
Indeno(1,2,3-cd)pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
Isophorone	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
1-Methylnaphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
2-Methylnaphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
2-Methylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
3/4-Methylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
Naphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
2-Nitroaniline	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
3-Nitroaniline	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
4-Nitroaniline	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
Nitrobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
2-Nitrophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
4-Nitrophenol	ND	0.75	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
N-Nitrosodimethylamine	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
N-Nitrosodiphenylamine	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
N-Nitrosodi-n-propylamine	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
Pentachloronitrobenzene	ND	0.39	mg/Kg dry	1	V-16	SW-846 8270D	11/20/12	11/21/12 13:18	BGL
Pentachlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
Phenanthrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
Phenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
Pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
Pyridine	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
1,2,4-Trichlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
2,4,5-Trichlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
2,4,6-Trichlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	11/20/12	11/21/12 13:18	BGL
Surrogates	% Recovery	Recovery Limits	Flag						
2-Fluorophenol	89.2	30-130							
Phenol-d6	79.2	30-130							
Nitrobenzene-d5	72.2	30-130							
2-Fluorobiphenyl	67.0	30-130							
2,4,6-Tribromophenol	64.8	30-130							
Terphenyl-d14	64.5	30-130							

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0685

Date Received: 11/19/2012

Field Sample #: TRC-SB7 (16-18ft)

Sampled: 11/19/2012 13:20

Sample ID: 12K0685-06

Sample Matrix: Soil

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Alachlor [1]	ND	0.022	mg/Kg dry	1		SW-846 8081B	11/20/12	11/21/12 1:55	PJG
Aldrin [1]	ND	0.0055	mg/Kg dry	1		SW-846 8081B	11/20/12	11/21/12 1:55	PJG
alpha-BHC [1]	ND	0.0055	mg/Kg dry	1		SW-846 8081B	11/20/12	11/21/12 1:55	PJG
beta-BHC [1]	ND	0.0055	mg/Kg dry	1		SW-846 8081B	11/20/12	11/21/12 1:55	PJG
delta-BHC [1]	ND	0.0055	mg/Kg dry	1		SW-846 8081B	11/20/12	11/21/12 1:55	PJG
gamma-BHC (Lindane) [1]	ND	0.0022	mg/Kg dry	1		SW-846 8081B	11/20/12	11/21/12 1:55	PJG
Chlordane [1]	ND	0.022	mg/Kg dry	1		SW-846 8081B	11/20/12	11/21/12 1:55	PJG
4,4'-DDD [2]	ND	0.0044	mg/Kg dry	1		SW-846 8081B	11/20/12	11/21/12 1:55	PJG
4,4'-DDE [1]	ND	0.0044	mg/Kg dry	1		SW-846 8081B	11/20/12	11/21/12 1:55	PJG
4,4'-DDT [1]	ND	0.0044	mg/Kg dry	1		SW-846 8081B	11/20/12	11/21/12 1:55	PJG
Dieldrin [1]	ND	0.0044	mg/Kg dry	1		SW-846 8081B	11/20/12	11/21/12 1:55	PJG
Endosulfan I [1]	ND	0.0055	mg/Kg dry	1		SW-846 8081B	11/20/12	11/21/12 1:55	PJG
Endosulfan II [1]	ND	0.0089	mg/Kg dry	1		SW-846 8081B	11/20/12	11/21/12 1:55	PJG
Endosulfan sulfate [1]	ND	0.0089	mg/Kg dry	1		SW-846 8081B	11/20/12	11/21/12 1:55	PJG
Endrin [1]	ND	0.0089	mg/Kg dry	1		SW-846 8081B	11/20/12	11/21/12 1:55	PJG
Endrin aldehyde [1]	ND	0.0089	mg/Kg dry	1		SW-846 8081B	11/20/12	11/21/12 1:55	PJG
Endrin ketone [1]	ND	0.0089	mg/Kg dry	1		SW-846 8081B	11/20/12	11/21/12 1:55	PJG
Heptachlor [1]	ND	0.0055	mg/Kg dry	1		SW-846 8081B	11/20/12	11/21/12 1:55	PJG
Heptachlor epoxide [1]	ND	0.0055	mg/Kg dry	1		SW-846 8081B	11/20/12	11/21/12 1:55	PJG
Hexachlorobenzene [1]	ND	0.0066	mg/Kg dry	1		SW-846 8081B	11/20/12	11/21/12 1:55	PJG
Methoxychlor [1]	ND	0.055	mg/Kg dry	1		SW-846 8081B	11/20/12	11/21/12 1:55	PJG
Toxaphene [2]	ND	0.11	mg/Kg dry	1		SW-846 8081B	11/20/12	11/21/12 1:55	PJG
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	86.0	30-150							
Decachlorobiphenyl [2]	84.9	30-150							
Tetrachloro-m-xylene [1]	92.4	30-150							
Tetrachloro-m-xylene [2]	88.8	30-150							

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0685

Date Received: 11/19/2012

Field Sample #: TRC-SB7 (16-18ft)

Sampled: 11/19/2012 13:20

Sample ID: 12K0685-06

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	11/20/12	11/21/12 18:40	JMB
Aroclor-1221 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	11/20/12	11/21/12 18:40	JMB
Aroclor-1232 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	11/20/12	11/21/12 18:40	JMB
Aroclor-1242 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	11/20/12	11/21/12 18:40	JMB
Aroclor-1248 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	11/20/12	11/21/12 18:40	JMB
Aroclor-1254 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	11/20/12	11/21/12 18:40	JMB
Aroclor-1260 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	11/20/12	11/21/12 18:40	JMB
Aroclor-1262 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	11/20/12	11/21/12 18:40	JMB
Aroclor-1268 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	11/20/12	11/21/12 18:40	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	62.1	30-150							
Decachlorobiphenyl [2]	68.2	30-150							
Tetrachloro-m-xylene [1]	73.4	30-150							
Tetrachloro-m-xylene [2]	65.4	30-150							

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0685

Date Received: 11/19/2012

Field Sample #: TRC-SB7 (16-18ft)

Sampled: 11/19/2012 13:20

Sample ID: 12K0685-06

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Gasoline Range Organics (GRO)	ND	0.88	mg/Kg dry	1		SW-846 8015C	11/20/12	11/20/12 13:07	EEH
Diesel Range Organics	ND	9.5	mg/Kg dry	1		SW-846 8015C	11/20/12	11/23/12 17:27	SCS
Surrogates	% Recovery		Recovery Limits		Flag				
1-Chloro-3-fluorobenzene	92.7		70-130				11/20/12 13:07		
o-Terphenyl	58.8		40-140				11/23/12 17:27		

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0685

Date Received: 11/19/2012

Field Sample #: TRC-SB7 (16-18ft)

Sampled: 11/19/2012 13:20

Sample ID: 12K0685-06

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	4800	2.8	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 14:10	OP
Antimony	ND	2.8	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 14:10	OP
Arsenic	ND	2.8	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 14:10	OP
Barium	34	2.8	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 14:10	OP
Beryllium	ND	0.28	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 14:10	OP
Cadmium	ND	0.28	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 14:10	OP
Calcium	1500	8.5	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 14:10	OP
Chromium	11	0.57	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 14:10	OP
Cobalt	5.1	2.8	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 14:10	OP
Copper	14	0.57	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 14:10	OP
Iron	9800	2.8	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 14:10	OP
Lead	7.4	0.85	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 14:10	OP
Magnesium	2500	8.5	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 14:10	OP
Manganese	280	0.57	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 14:10	OP
Mercury	ND	0.028	mg/Kg dry	1		SW-846 7471B	11/20/12	11/21/12 10:10	SAJ
Nickel	9.8	0.57	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 14:10	OP
Potassium	1100	110	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 14:10	OP
Selenium	ND	2.8	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 14:10	OP
Silver	ND	0.57	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 14:10	OP
Sodium	ND	110	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 14:10	OP
Thallium	ND	2.8	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 14:10	OP
Vanadium	17	1.1	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 14:10	OP
Zinc	27	1.1	mg/Kg dry	1		SW-846 6010C	11/20/12	11/21/12 14:10	OP

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0685

Date Received: 11/19/2012

Field Sample #: TRC-SB7 (16-18ft)

Sampled: 11/19/2012 13:20

Sample ID: 12K0685-06

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.48	mg/Kg dry	1		SW-846 9014	11/21/12	11/21/12 13:55	VAK
Hexavalent Chromium	0.66	0.18	mg/Kg dry	1		SW-846 7196A	11/26/12	11/26/12 17:30	AED
Oxidation/Reduction Potential	43		mV	1		SM2580 A	11/20/12	11/20/12 7:45	LL
pH @20.7°C	9.0		pH Units	1		SW-846 9045C	11/20/12	11/20/12 7:45	LL
% Solids	87.7		% Wt	1		SM 2540G	11/20/12	11/21/12 8:15	RH

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0685

Date Received: 11/19/2012

Field Sample #: TRC-GW7

Sampled: 11/19/2012 14:00

Sample ID: 12K0685-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
Benzene	ND	1.0	µg/L	1		EPA 624	11/21/12	11/21/12 15:26	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
Bromodichloromethane	ND	2.0	µg/L	1		EPA 624	11/21/12	11/21/12 15:26	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
Bromoform	ND	2.0	µg/L	1		EPA 624	11/21/12	11/21/12 15:26	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
Bromomethane	ND	2.0	µg/L	1		EPA 624	11/21/12	11/21/12 15:26	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	11/20/12	11/20/12 13:21	MFF
n-Butylbenzene	ND	2.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
Carbon Tetrachloride	ND	2.0	µg/L	1		EPA 624	11/21/12	11/21/12 15:26	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
Chlorobenzene	ND	2.0	µg/L	1		EPA 624	11/21/12	11/21/12 15:26	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
Chlorodibromomethane	ND	2.0	µg/L	1		EPA 624	11/21/12	11/21/12 15:26	LBD
Chloroethane	ND	2.0	µg/L	1		EPA 624	11/21/12	11/21/12 15:26	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
2-Chloroethyl Vinyl Ether	ND	10	µg/L	1		EPA 624	11/21/12	11/21/12 15:26	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
Chloroform	ND	2.0	µg/L	1		EPA 624	11/21/12	11/21/12 15:26	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
Chloromethane	ND	2.0	µg/L	1		EPA 624	11/21/12	11/21/12 15:26	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
1,2-Dichlorobenzene	ND	2.0	µg/L	1		EPA 624	11/21/12	11/21/12 15:26	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
1,3-Dichlorobenzene	ND	2.0	µg/L	1		EPA 624	11/21/12	11/21/12 15:26	LBD

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0685

Date Received: 11/19/2012

Field Sample #: TRC-GW7

Sampled: 11/19/2012 14:00

Sample ID: 12K0685-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
1,4-Dichlorobenzene	ND	2.0	µg/L	1		EPA 624	11/21/12	11/21/12 15:26	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
1,2-Dichloroethane	ND	2.0	µg/L	1		EPA 624	11/21/12	11/21/12 15:26	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
1,1-Dichloroethane	ND	2.0	µg/L	1		EPA 624	11/21/12	11/21/12 15:26	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
1,1-Dichloroethylene	ND	2.0	µg/L	1		EPA 624	11/21/12	11/21/12 15:26	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
trans-1,2-Dichloroethylene	ND	2.0	µg/L	1		EPA 624	11/21/12	11/21/12 15:26	LBD
2,2-Dichloropropane	ND	2.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
1,2-Dichloropropane	ND	2.0	µg/L	1		EPA 624	11/21/12	11/21/12 15:26	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
cis-1,3-Dichloropropene	ND	2.0	µg/L	1		EPA 624	11/21/12	11/21/12 15:26	LBD
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	11/20/12	11/20/12 13:21	MFF
trans-1,3-Dichloropropene	ND	2.0	µg/L	1		EPA 624	11/21/12	11/21/12 15:26	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
Ethylbenzene	ND	2.0	µg/L	1		EPA 624	11/21/12	11/21/12 15:26	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
Methyl tert-Butyl Ether (MTBE)	ND	2.0	µg/L	1		EPA 624	11/21/12	11/21/12 15:26	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
Methylene Chloride	ND	5.0	µg/L	1		EPA 624	11/21/12	11/21/12 15:26	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0685

Date Received: 11/19/2012

Field Sample #: TRC-GW7

Sampled: 11/19/2012 14:00

Sample ID: 12K0685-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	2.0	µg/L	1		EPA 624	11/21/12	11/21/12 15:26	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
Tetrachloroethylene	ND	2.0	µg/L	1		EPA 624	11/21/12	11/21/12 15:26	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
Toluene	ND	1.0	µg/L	1		EPA 624	11/21/12	11/21/12 15:26	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
1,1,1-Trichloroethane	ND	2.0	µg/L	1		EPA 624	11/21/12	11/21/12 15:26	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
1,1,2-Trichloroethane	ND	2.0	µg/L	1		EPA 624	11/21/12	11/21/12 15:26	LBD
Trichloroethylene	ND	2.0	µg/L	1		EPA 624	11/21/12	11/21/12 15:26	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		EPA 624	11/21/12	11/21/12 15:26	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 13:21	MFF
Vinyl Chloride	ND	2.0	µg/L	1		EPA 624	11/21/12	11/21/12 15:26	LBD
m+p Xylene	ND	2.0	µg/L	1		EPA 624	11/21/12	11/21/12 15:26	LBD
o-Xylene	ND	2.0	µg/L	1		EPA 624	11/21/12	11/21/12 15:26	LBD

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	96.0	70-130	11/21/12 15:26
1,2-Dichloroethane-d4	105	70-130	11/20/12 13:21
Toluene-d8	98.0	70-130	11/21/12 15:26
Toluene-d8	97.7	70-130	11/20/12 13:21
4-Bromofluorobenzene	98.4	70-130	11/21/12 15:26
4-Bromofluorobenzene	98.8	70-130	11/20/12 13:21

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0685

Date Received: 11/19/2012

Field Sample #: TRC-GW7

Sampled: 11/19/2012 14:00

Sample ID: 12K0685-07

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.3	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:54	CMR
Acenaphthylene	ND	5.3	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:54	CMR
Acetophenone	ND	11	µg/L	1	R-05	SW-846 8270D	11/20/12	11/21/12 13:54	CMR
Aniline	ND	5.3	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:54	CMR
Anthracene	ND	5.3	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:54	CMR
Benzidine	ND	11	µg/L	1	R-05	SW-846 8270D	11/20/12	11/21/12 13:54	CMR
Benzo(a)anthracene	ND	5.3	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:54	CMR
Benzo(a)pyrene	ND	5.3	µg/L	1	R-05	SW-846 8270D	11/20/12	11/21/12 13:54	CMR
Benzo(b)fluoranthene	ND	5.3	µg/L	1	R-05	SW-846 8270D	11/20/12	11/21/12 13:54	CMR
Benzo(g,h,i)perylene	ND	5.3	µg/L	1	R-05	SW-846 8270D	11/20/12	11/21/12 13:54	CMR
Benzo(k)fluoranthene	ND	5.3	µg/L	1	R-05	SW-846 8270D	11/20/12	11/21/12 13:54	CMR
Benzoic Acid	ND	11	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:54	CMR
Bis(2-chloroethoxy)methane	ND	11	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:54	CMR
Bis(2-chloroethyl)ether	ND	11	µg/L	1	R-05	SW-846 8270D	11/20/12	11/21/12 13:54	CMR
Bis(2-chloroisopropyl)ether	ND	11	µg/L	1	R-05	SW-846 8270D	11/20/12	11/21/12 13:54	CMR
Bis(2-Ethylhexyl)phthalate	ND	11	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:54	CMR
4-Bromophenylphenylether	ND	11	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:54	CMR
Butylbenzylphthalate	ND	11	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:54	CMR
Carbazole	ND	11	µg/L	1	R-05	SW-846 8270D	11/20/12	11/21/12 13:54	CMR
4-Chloroaniline	ND	11	µg/L	1	R-05	SW-846 8270D	11/20/12	11/21/12 13:54	CMR
4-Chloro-3-methylphenol	ND	11	µg/L	1	R-05	SW-846 8270D	11/20/12	11/21/12 13:54	CMR
2-Chloronaphthalene	ND	11	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:54	CMR
2-Chlorophenol	ND	11	µg/L	1	R-05	SW-846 8270D	11/20/12	11/21/12 13:54	CMR
4-Chlorophenylphenylether	ND	11	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:54	CMR
Chrysene	ND	5.3	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:54	CMR
Dibenz(a,h)anthracene	ND	5.3	µg/L	1	R-05, V-20	SW-846 8270D	11/20/12	11/21/12 13:54	CMR
Dibenzofuran	ND	5.3	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:54	CMR
Di-n-butylphthalate	ND	11	µg/L	1	R-05	SW-846 8270D	11/20/12	11/21/12 13:54	CMR
1,2-Dichlorobenzene	ND	5.3	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:54	CMR
1,3-Dichlorobenzene	ND	5.3	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:54	CMR
1,4-Dichlorobenzene	ND	5.3	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:54	CMR
3,3-Dichlorobenzidine	ND	11	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:54	CMR
2,4-Dichlorophenol	ND	11	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:54	CMR
Diethylphthalate	ND	11	µg/L	1	R-05	SW-846 8270D	11/20/12	11/21/12 13:54	CMR
2,4-Dimethylphenol	ND	11	µg/L	1	R-05	SW-846 8270D	11/20/12	11/21/12 13:54	CMR
Dimethylphthalate	ND	11	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:54	CMR
4,6-Dinitro-2-methylphenol	ND	11	µg/L	1	V-04	SW-846 8270D	11/20/12	11/21/12 13:54	CMR
2,4-Dinitrophenol	ND	11	µg/L	1	V-04	SW-846 8270D	11/20/12	11/21/12 13:54	CMR
2,4-Dinitrotoluene	ND	11	µg/L	1	R-05	SW-846 8270D	11/20/12	11/21/12 13:54	CMR
2,6-Dinitrotoluene	ND	11	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:54	CMR
Di-n-octylphthalate	ND	11	µg/L	1	R-05	SW-846 8270D	11/20/12	11/21/12 13:54	CMR
1,2-Diphenylhydrazine (as Azobenzene)	ND	11	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:54	CMR
Fluoranthene	ND	5.3	µg/L	1	R-05	SW-846 8270D	11/20/12	11/21/12 13:54	CMR
Fluorene	ND	5.3	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:54	CMR

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0685

Date Received: 11/19/2012

Field Sample #: TRC-GW7

Sampled: 11/19/2012 14:00

Sample ID: 12K0685-07

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	11	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:54	CMR
Hexachlorobutadiene	ND	11	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:54	CMR
Hexachlorocyclopentadiene	ND	11	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:54	CMR
Hexachloroethane	ND	11	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:54	CMR
Indeno(1,2,3-cd)pyrene	ND	5.3	µg/L	1	V-20	SW-846 8270D	11/20/12	11/21/12 13:54	CMR
Isophorone	ND	11	µg/L	1	R-05	SW-846 8270D	11/20/12	11/21/12 13:54	CMR
1-Methylnaphthalene	ND	5.3	µg/L	1	R-05	SW-846 8270D	11/20/12	11/21/12 13:54	CMR
2-Methylnaphthalene	ND	5.3	µg/L	1	R-05	SW-846 8270D	11/20/12	11/21/12 13:54	CMR
2-Methylphenol	ND	11	µg/L	1	R-05	SW-846 8270D	11/20/12	11/21/12 13:54	CMR
3/4-Methylphenol	ND	11	µg/L	1	R-05	SW-846 8270D	11/20/12	11/21/12 13:54	CMR
Naphthalene	ND	5.3	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:54	CMR
2-Nitroaniline	ND	11	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:54	CMR
3-Nitroaniline	ND	11	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:54	CMR
4-Nitroaniline	ND	11	µg/L	1	R-05	SW-846 8270D	11/20/12	11/21/12 13:54	CMR
Nitrobenzene	ND	11	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:54	CMR
2-Nitrophenol	ND	11	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:54	CMR
4-Nitrophenol	ND	11	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:54	CMR
N-Nitrosodimethylamine	ND	5.3	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:54	CMR
N-Nitrosodiphenylamine	ND	11	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:54	CMR
N-Nitrosodi-n-propylamine	ND	11	µg/L	1	R-05	SW-846 8270D	11/20/12	11/21/12 13:54	CMR
Pentachloronitrobenzene	ND	11	µg/L	1	V-16	SW-846 8270D	11/20/12	11/21/12 13:54	CMR
Pentachlorophenol	ND	11	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:54	CMR
Phenanthrene	ND	5.3	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:54	CMR
Phenol	ND	11	µg/L	1	R-05	SW-846 8270D	11/20/12	11/21/12 13:54	CMR
Pyrene	ND	5.3	µg/L	1	R-05	SW-846 8270D	11/20/12	11/21/12 13:54	CMR
Pyridine	ND	5.3	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:54	CMR
1,2,4,5-Tetrachlorobenzene	ND	11	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:54	CMR
1,2,4-Trichlorobenzene	ND	5.3	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:54	CMR
2,4,5-Trichlorophenol	ND	11	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:54	CMR
2,4,6-Trichlorophenol	ND	11	µg/L	1		SW-846 8270D	11/20/12	11/21/12 13:54	CMR
Surrogates	% Recovery	Recovery Limits	Flag						
2-Fluorophenol	44.1	15-110							
Phenol-d6	29.7	15-110							
Nitrobenzene-d5	60.7	30-130							
2-Fluorobiphenyl	61.7	30-130							
2,4,6-Tribromophenol	73.7	15-110							
Terphenyl-d14	61.8	30-130							

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0685

Date Received: 11/19/2012

Field Sample #: TRC-GW7

Sampled: 11/19/2012 14:00

Sample ID: 12K0685-07

Sample Matrix: Ground Water

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/L	1		EPA 608	11/24/12	11/26/12 12:09	JMB
Aroclor-1221 [1]	ND	0.20	µg/L	1		EPA 608	11/24/12	11/26/12 12:09	JMB
Aroclor-1232 [1]	ND	0.20	µg/L	1		EPA 608	11/24/12	11/26/12 12:09	JMB
Aroclor-1242 [1]	ND	0.20	µg/L	1		EPA 608	11/24/12	11/26/12 12:09	JMB
Aroclor-1248 [1]	ND	0.20	µg/L	1		EPA 608	11/24/12	11/26/12 12:09	JMB
Aroclor-1254 [1]	ND	0.20	µg/L	1		EPA 608	11/24/12	11/26/12 12:09	JMB
Aroclor-1260 [1]	ND	0.20	µg/L	1		EPA 608	11/24/12	11/26/12 12:09	JMB
Surrogates	% Recovery		Recovery Limits		Flag				
Decachlorobiphenyl [1]	27.2	*	30-150		S-19		11/26/12	12:09	
Decachlorobiphenyl [2]	28.2	*	30-150		S-19		11/26/12	12:09	
Tetrachloro-m-xylene [1]	73.1		30-150				11/26/12	12:09	
Tetrachloro-m-xylene [2]	74.4		30-150				11/26/12	12:09	

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0685

Date Received: 11/19/2012

Field Sample #: TRC-GW7

Sampled: 11/19/2012 14:00

Sample ID: 12K0685-07

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	35	0.050	mg/L	1		SW-846 6010C	11/20/12	11/27/12 13:30	OP
Antimony	ND	5.0	µg/L	5		SW-846 6020A	11/20/12	11/26/12 16:56	KSH
Arsenic	14	2.0	µg/L	5		SW-846 6020A	11/20/12	11/26/12 16:56	KSH
Barium	590	50	µg/L	5		SW-846 6020A	11/20/12	11/26/12 16:56	KSH
Beryllium	2.7	2.0	µg/L	5		SW-846 6020A	11/20/12	11/27/12 11:10	KSH
Cadmium	ND	2.5	µg/L	5		SW-846 6020A	11/20/12	11/26/12 16:56	KSH
Calcium	54	0.15	mg/L	1		SW-846 6010C	11/20/12	11/27/12 13:30	OP
Chromium	98	5.0	µg/L	5		SW-846 6020A	11/20/12	11/27/12 11:10	KSH
Cobalt	48	5.0	µg/L	5		SW-846 6020A	11/20/12	11/26/12 16:56	KSH
Copper	87	25	µg/L	5		SW-846 6020A	11/20/12	11/26/12 16:56	KSH
Iron	62	0.050	mg/L	1		SW-846 6010C	11/20/12	11/27/12 13:30	OP
Lead	69	5.0	µg/L	5		SW-846 6020A	11/20/12	11/26/12 16:56	KSH
Magnesium	37	0.15	mg/L	1		SW-846 6010C	11/20/12	11/27/12 13:30	OP
Manganese	3900	20	µg/L	20		SW-846 6020A	11/20/12	11/27/12 11:14	KSH
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	11/20/12	11/21/12 10:55	SAJ
Nickel	110	25	µg/L	5		SW-846 6020A	11/20/12	11/26/12 16:56	KSH
Potassium	6.9	2.0	mg/L	1		SW-846 6010C	11/20/12	11/27/12 13:30	OP
Selenium	ND	25	µg/L	5		SW-846 6020A	11/20/12	11/26/12 16:56	KSH
Silver	ND	2.5	µg/L	5		SW-846 6020A	11/20/12	11/27/12 11:10	KSH
Sodium	50	2.0	mg/L	1		SW-846 6010C	11/20/12	11/27/12 13:30	OP
Thallium	ND	1.0	µg/L	5		SW-846 6020A	11/20/12	11/26/12 16:56	KSH
Vanadium	91	25	µg/L	5		SW-846 6020A	11/20/12	11/27/12 11:10	KSH
Zinc	230	50	µg/L	5		SW-846 6020A	11/20/12	11/26/12 16:56	KSH

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0685

Date Received: 11/19/2012

Field Sample #: TRC-GW7

Sampled: 11/19/2012 14:00

Sample ID: 12K0685-07

Sample Matrix: Ground Water

Metals Analyses (Dissolved)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	ND	0.050	mg/L	1		SW-846 6010C	11/20/12	11/27/12 19:55	OP
Antimony	ND	5.0	µg/L	5		SW-846 6020A	11/20/12	11/27/12 12:17	KSH
Arsenic	ND	2.0	µg/L	5		SW-846 6020A	11/20/12	11/27/12 12:17	KSH
Barium	54	50	µg/L	5		SW-846 6020A	11/20/12	11/27/12 12:17	KSH
Beryllium	ND	2.0	µg/L	5		SW-846 6020A	11/20/12	11/27/12 15:42	KSH
Cadmium	ND	2.5	µg/L	5		SW-846 6020A	11/20/12	11/27/12 12:17	KSH
Calcium	43	0.15	mg/L	1		SW-846 6010C	11/20/12	11/27/12 19:55	OP
Chromium	ND	5.0	µg/L	5		SW-846 6020A	11/20/12	11/27/12 15:42	KSH
Cobalt	ND	5.0	µg/L	5		SW-846 6020A	11/20/12	11/27/12 12:17	KSH
Copper	ND	25	µg/L	5		SW-846 6020A	11/20/12	11/27/12 12:17	KSH
Iron	0.12	0.050	mg/L	1		SW-846 6010C	11/20/12	11/27/12 19:55	OP
Lead	ND	5.0	µg/L	5		SW-846 6020A	11/20/12	11/27/12 12:17	KSH
Magnesium	21	0.15	mg/L	1		SW-846 6010C	11/20/12	11/27/12 19:55	OP
Manganese	200	5.0	µg/L	5		SW-846 6020A	11/20/12	11/27/12 12:17	KSH
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	11/20/12	11/21/12 10:34	SAJ
Nickel	ND	25	µg/L	5		SW-846 6020A	11/20/12	11/27/12 12:17	KSH
Potassium	2.5	2.0	mg/L	1		SW-846 6010C	11/20/12	11/27/12 19:55	OP
Selenium	ND	25	µg/L	5		SW-846 6020A	11/20/12	11/27/12 12:17	KSH
Silver	ND	2.5	µg/L	5		SW-846 6020A	11/20/12	11/27/12 15:42	KSH
Sodium	50	2.0	mg/L	1		SW-846 6010C	11/20/12	11/28/12 14:39	OP
Thallium	ND	1.0	µg/L	5		SW-846 6020A	11/20/12	11/27/12 12:17	KSH
Vanadium	ND	25	µg/L	5		SW-846 6020A	11/20/12	11/27/12 15:42	KSH
Zinc	ND	50	µg/L	5		SW-846 6020A	11/20/12	11/27/12 12:17	KSH

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0685

Date Received: 11/19/2012

Field Sample #: TRC-GW7

Sampled: 11/19/2012 14:00

Sample ID: 12K0685-07

Sample Matrix: Ground Water

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Carbonaceous BOD	ND	4.0	mg/L	1	L-03	SM18-20 5210B	11/21/12	11/21/12 12:10	AED
Chloride	140	5.0	mg/L	5		SM18-20 4500 CL B	11/25/12	11/25/12 13:15	VAK
Flashpoint	> 212 °F		°F	1		SW-846 1010	11/28/12	11/28/12 11:10	AED
Hexavalent Chromium	ND	0.0040	mg/L	1		SW-846 7196A	11/20/12	11/20/12 13:45	LL
Nitrate/Nitrite as N	19	0.50	mg/L	10		SM 18-20 4500 NO3 F	11/29/12	11/29/12 10:54	VAK
Phenol	ND	0.050	mg/L	1		EPA 420.1	11/28/12	11/28/12 11:00	LL
Total Kjeldahl Nitrogen	ND	1.0	mg/L	1		SM19-20 4500-N Org B,C/-NH3 C	11/28/12	11/28/12 14:05	VAK
Total Nitrogen	19	0.050	mg/L	1		SM19-20 4500-N Org B,C/-NH3 C	11/29/12	11/29/12 11:41	LL
Total Solids	12000	10	mg/L	1		SM18-20 2540B	11/21/12	11/21/12 13:00	LL
Total Suspended Solids	8500	50	mg/L	1	R-02	SM18-20 2540D	11/21/12	11/21/12 9:50	LL
Silica Gel Treated HEM (SGT-HEM)	ND	5.6	mg/L	1		EPA 1664A	11/27/12	11/27/12 9:55	LL

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0685

Date Received: 11/19/2012

Field Sample #: Trip Blank 3

Sampled: 11/19/2012 00:00

Sample ID: 12K0685-08

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	11/20/12	11/20/12 12:20	MFF
n-Butylbenzene	ND	2.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
2,2-Dichloropropane	ND	2.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF

Project Location: 168 8th St./203 9th St., Brooklyn,

Sample Description:

Work Order: 12K0685

Date Received: 11/19/2012

Field Sample #: Trip Blank 3

Sampled: 11/19/2012 00:00

Sample ID: 12K0685-08

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	11/20/12	11/20/12 12:20	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	11/20/12	11/20/12 12:20	MFF
Surrogates	% Recovery	Recovery Limits	Flag						
1,2-Dichloroethane-d4	102	70-130							
Toluene-d8	97.9	70-130							
4-Bromofluorobenzene	99.9	70-130							

Sample Extraction Data

EPA 1664A

Lab Number [Field ID]	Batch	Initial [mL]	Date	
12K0685-07 [TRC-GW7]	B063522	250	11/27/12	

EPA 420.1

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12K0685-07 [TRC-GW7]	B063604	50.0	50.0	11/28/12

Prep Method: SW-846 3510C-EPA 608

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12K0685-07RE1 [TRC-GW7]	B063376	1000	10.0	11/24/12

Prep Method: SW-846 5030B-EPA 624

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12K0685-07 [TRC-GW7]	B063312	5	5.00	11/21/12

Prep Method: SM 4500 NO3-F-SM 18-20 4500 NO3 F

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12K0685-07 [TRC-GW7]	B063670	2.50	25.0	11/29/12

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date		
12K0685-01 [TRC-SB6 (1-4ft)]	B063191	11/20/12		
12K0685-02 [TRC-SB6 (14-16ft)]	B063191	11/20/12		
12K0685-03 [TRC-SB6 (19-20ft)]	B063191	11/20/12		
12K0685-05 [TRC-SB7 (1-4ft)]	B063191	11/20/12		
12K0685-06 [TRC-SB7 (16-18ft)]	B063191	11/20/12		

SM18-20 2540B

Lab Number [Field ID]	Batch	Initial [mL]	Date	
12K0685-07 [TRC-GW7]	B063332	50.0	11/21/12	

SM18-20 2540D

Lab Number [Field ID]	Batch	Initial [mL]	Date	
12K0685-07 [TRC-GW7]	B063340	10.0	11/21/12	

SM18-20 4500 CL B

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12K0685-07 [TRC-GW7]	B063395	100	100	11/25/12

Sample Extraction Data

SM18-20 5210B

Lab Number [Field ID]	Batch	Initial [mL]	Date	
12K0685-07 [TRC-GW7]	B063306	150	11/21/12	

SM19-20 4500-N Org B,C/-NH3 C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12K0685-07 [TRC-GW7]	B063612	50.0	50.0	11/28/12

SM19-20 4500-N Org B,C/-NH3 C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12K0685-07 [TRC-GW7]	B063673	50.0	50.0	11/29/12

SM2580 A

Lab Number [Field ID]	Batch	Initial [g]	Date	
12K0685-06 [TRC-SB7 (16-18ft)]	B063230	20.0	11/20/12	

SW-846 1010

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12K0685-07 [TRC-GW7]	B063584	50.0	50.0	11/28/12

Prep Method: SW-846 3050B-SW-846 6010C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12K0685-01 [TRC-SB6 (1-4ft)]	B063208	1.02	50.0	11/20/12
12K0685-02 [TRC-SB6 (14-16ft)]	B063208	1.02	50.0	11/20/12
12K0685-05 [TRC-SB7 (1-4ft)]	B063208	1.01	50.0	11/20/12
12K0685-06 [TRC-SB7 (16-18ft)]	B063208	1.00	50.0	11/20/12

Prep Method: SW-846 3005A-SW-846 6010C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12K0685-04 [TRC-GW-6]	B063258	50.0	50.0	11/20/12
12K0685-07 [TRC-GW7]	B063258	50.0	50.0	11/20/12

Prep Method: SW-846 3005A Dissolved-SW-846 6010C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12K0685-04 [TRC-GW-6]	B063262	50.0	50.0	11/20/12
12K0685-07 [TRC-GW7]	B063262	50.0	50.0	11/20/12

Sample Extraction Data

Prep Method: SW-846 3005A Dissolved-SW-846 6020A

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12K0685-04 [TRC-GW-6]	B063268	50.0	50.0	11/20/12
12K0685-07 [TRC-GW7]	B063268	50.0	50.0	11/20/12

Prep Method: SW-846 3005A-SW-846 6020A

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12K0685-04 [TRC-GW-6]	B063448	50.0	50.0	11/20/12
12K0685-07 [TRC-GW7]	B063448	50.0	50.0	11/20/12

SW-846 7196A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12K0685-06 [TRC-SB7 (16-18ft)]	B063505	2.50	100	11/26/12

SW-846 7196A

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12K0685-07 [TRC-GW7]	B063520	50.0	50.0	11/20/12

Prep Method: SW-846 7470A Prep-SW-846 7470A

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12K0685-04 [TRC-GW-6]	B063215	6.00	6.00	11/20/12
12K0685-07 [TRC-GW7]	B063215	6.00	6.00	11/20/12

Prep Method: SW-846 7470A Prep-SW-846 7470A

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12K0685-04 [TRC-GW-6]	B063216	6.00	6.00	11/20/12
12K0685-07 [TRC-GW7]	B063216	6.00	6.00	11/20/12

Prep Method: SW-846 7471-SW-846 7471B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12K0685-01 [TRC-SB6 (1-4ft)]	B063192	0.603	50.0	11/20/12
12K0685-02 [TRC-SB6 (14-16ft)]	B063192	0.614	50.0	11/20/12
12K0685-05 [TRC-SB7 (1-4ft)]	B063192	0.600	50.0	11/20/12
12K0685-06 [TRC-SB7 (16-18ft)]	B063192	0.612	50.0	11/20/12

Prep Method: SW-846 3546-SW-846 8015C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12K0685-06 [TRC-SB7 (16-18ft)]	B063220	30.1	1.00	11/20/12

Sample Extraction Data

Prep Method: SW-846 5035/5030B-SW-846 8015C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12K0685-06 [TRC-SB7 (16-18ft)]	B063243	23.1	17.8	11/20/12

Prep Method: SW-846 3546-SW-846 8081B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12K0685-06 [TRC-SB7 (16-18ft)]	B063183	10.3	10.0	11/20/12

Prep Method: SW-846 3546-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12K0685-01 [TRC-SB6 (1-4ft)]	B063236	10.2	10.0	11/20/12
12K0685-02 [TRC-SB6 (14-16ft)]	B063236	10.1	10.0	11/20/12
12K0685-05 [TRC-SB7 (1-4ft)]	B063236	10.0	10.0	11/20/12
12K0685-06 [TRC-SB7 (16-18ft)]	B063236	10.5	10.0	11/20/12

Prep Method: SW-846 5035-SW-846 8260C

Lab Number [Field ID]	Batch	Sample Amount(g)	Methanol Volume(mL)	Methanol Aliquot(mL)	Final Volume(mL)	Date
12K0685-03 [TRC-SB6 (19-20ft)]	B063207	13.3	16.6	0.1	50	11/20/12

Prep Method: SW-846 5035-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12K0685-01 [TRC-SB6 (1-4ft)]	B063213	4.90	10.0	11/20/12
12K0685-02 [TRC-SB6 (14-16ft)]	B063213	5.40	10.0	11/20/12
12K0685-05 [TRC-SB7 (1-4ft)]	B063213	5.20	10.0	11/20/12
12K0685-06 [TRC-SB7 (16-18ft)]	B063213	6.30	10.0	11/20/12

Prep Method: SW-846 5030B-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12K0685-04 [TRC-GW-6]	B063212	5	5.00	11/20/12
12K0685-07 [TRC-GW7]	B063212	5	5.00	11/20/12
12K0685-08 [Trip Blank 3]	B063212	5	5.00	11/20/12

Prep Method: SW-846 3546-SW-846 8270D

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12K0685-01 [TRC-SB6 (1-4ft)]	B063264	30.3	1.00	11/20/12
12K0685-02 [TRC-SB6 (14-16ft)]	B063264	30.3	1.00	11/20/12
12K0685-03 [TRC-SB6 (19-20ft)]	B063264	15.1	1.00	11/20/12
12K0685-05 [TRC-SB7 (1-4ft)]	B063264	30.2	1.00	11/20/12

Prep Method: SW-846 3546-SW-846 8270D

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date

Sample Extraction Data**Prep Method: SW-846 3546-SW-846 8270D**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12K0685-06 [TRC-SB7 (16-18ft)]	B063279	30.2	1.00	11/20/12

Prep Method: SW-846 3510C-SW-846 8270D

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12K0685-04 [TRC-GW-6]	B063189	910	1.00	11/20/12
12K0685-07 [TRC-GW7]	B063189	950	1.00	11/20/12

SW-846 9014

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12K0685-06 [TRC-SB7 (16-18ft)]	B063341	1.20	50.0	11/21/12

SW-846 9045C

Lab Number [Field ID]	Batch	Initial [g]	Date
12K0685-06 [TRC-SB7 (16-18ft)]	B063240	20.0	11/20/12

QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B063207 - SW-846 5035										
Blank (B063207-BLK1)				Prepared: 11/20/12 Analyzed: 11/21/12						
Acetone	ND	2.5	mg/Kg wet							
Acrylonitrile	ND	0.25	mg/Kg wet							
tert-Amyl Methyl Ether (TAME)	ND	0.025	mg/Kg wet							
Benzene	ND	0.051	mg/Kg wet							
Bromobenzene	ND	0.051	mg/Kg wet							
Bromochloromethane	ND	0.051	mg/Kg wet							
Bromodichloromethane	ND	0.051	mg/Kg wet							
Bromoform	ND	0.051	mg/Kg wet							
Bromomethane	ND	0.10	mg/Kg wet							R-05
2-Butanone (MEK)	ND	1.0	mg/Kg wet							
tert-Butyl Alcohol (TBA)	ND	1.0	mg/Kg wet							R-05, V-16
n-Butylbenzene	ND	0.10	mg/Kg wet							
sec-Butylbenzene	ND	0.051	mg/Kg wet							
tert-Butylbenzene	ND	0.051	mg/Kg wet							
tert-Butyl Ethyl Ether (TBEE)	ND	0.025	mg/Kg wet							
Carbon Disulfide	ND	0.15	mg/Kg wet							
Carbon Tetrachloride	ND	0.051	mg/Kg wet							
Chlorobenzene	ND	0.051	mg/Kg wet							
Chlorodibromomethane	ND	0.025	mg/Kg wet							
Chloroethane	ND	0.10	mg/Kg wet							
Chloroform	ND	0.10	mg/Kg wet							
Chloromethane	ND	0.10	mg/Kg wet							
2-Chlorotoluene	ND	0.051	mg/Kg wet							
4-Chlorotoluene	ND	0.051	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.25	mg/Kg wet							
1,2-Dibromoethane (EDB)	ND	0.025	mg/Kg wet							
Dibromomethane	ND	0.051	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.051	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.051	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.051	mg/Kg wet							
trans-1,4-Dichloro-2-butene	ND	0.10	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.10	mg/Kg wet							
1,1-Dichloroethane	ND	0.051	mg/Kg wet							
1,2-Dichloroethane	ND	0.051	mg/Kg wet							
1,1-Dichloroethylene	ND	0.051	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.051	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.051	mg/Kg wet							
1,2-Dichloropropane	ND	0.051	mg/Kg wet							
1,3-Dichloropropane	ND	0.025	mg/Kg wet							
2,2-Dichloropropane	ND	0.10	mg/Kg wet							
1,1-Dichloropropene	ND	0.10	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.025	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.025	mg/Kg wet							
Diethyl Ether	ND	0.10	mg/Kg wet							
Diisopropyl Ether (DIPE)	ND	0.025	mg/Kg wet							
1,4-Dioxane	ND	2.5	mg/Kg wet							V-16
Ethylbenzene	ND	0.051	mg/Kg wet							
Hexachlorobutadiene	ND	0.051	mg/Kg wet							
2-Hexanone (MBK)	ND	0.51	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.051	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.051	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.051	mg/Kg wet							

QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B063207 - SW-846 5035
Blank (B063207-BLK1)

Prepared: 11/20/12 Analyzed: 11/21/12

Methylene Chloride	ND	0.25	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	0.51	mg/Kg wet							
Naphthalene	ND	0.10	mg/Kg wet							
n-Propylbenzene	ND	0.051	mg/Kg wet							
Styrene	ND	0.051	mg/Kg wet							
1,1,1,2-Tetrachloroethane	ND	0.051	mg/Kg wet							
1,1,2,2-Tetrachloroethane	ND	0.025	mg/Kg wet							
Tetrachloroethylene	ND	0.051	mg/Kg wet							
Tetrahydrofuran	ND	0.51	mg/Kg wet							
Toluene	ND	0.051	mg/Kg wet							
1,2,3-Trichlorobenzene	ND	0.25	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.051	mg/Kg wet							
1,3,5-Trichlorobenzene	ND	0.051	mg/Kg wet							
1,1,1-Trichloroethane	ND	0.051	mg/Kg wet							
1,1,2-Trichloroethane	ND	0.051	mg/Kg wet							
Trichloroethylene	ND	0.051	mg/Kg wet							
Trichlorofluoromethane (Freon 11)	ND	0.10	mg/Kg wet							
1,2,3-Trichloropropane	ND	0.10	mg/Kg wet							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.051	mg/Kg wet							
1,2,4-Trimethylbenzene	ND	0.051	mg/Kg wet							
1,3,5-Trimethylbenzene	ND	0.051	mg/Kg wet							
Vinyl Chloride	ND	0.10	mg/Kg wet							
m+p Xylene	ND	0.10	mg/Kg wet							
o-Xylene	ND	0.051	mg/Kg wet							
Surrogate: 1,2-Dichloroethane-d4	1.60		mg/Kg wet	1.33		120	70-130			
Surrogate: Toluene-d8	1.70		mg/Kg wet	1.33		127	70-130			
Surrogate: 4-Bromofluorobenzene	1.57		mg/Kg wet	1.33		118	70-130			

LCS (B063207-BS1)

Prepared: 11/20/12 Analyzed: 11/21/12

Acetone	0.173	0.057	mg/Kg wet	0.113		152	70-160			†
Acrylonitrile	0.0114	0.0057	mg/Kg wet	0.0113		101	70-130			
tert-Amyl Methyl Ether (TAME)	0.0113	0.00057	mg/Kg wet	0.0113		99.8	70-130			
Benzene	0.0113	0.0011	mg/Kg wet	0.0113		99.6	70-130			
Bromobenzene	0.0120	0.0011	mg/Kg wet	0.0113		106	70-130			
Bromochloromethane	0.0121	0.0011	mg/Kg wet	0.0113		107	70-130			
Bromodichloromethane	0.00952	0.0011	mg/Kg wet	0.0113		84.0	70-130			
Bromoform	0.00868	0.0011	mg/Kg wet	0.0113		76.6	70-130			
Bromomethane	0.00600	0.0023	mg/Kg wet	0.0113		52.9	40-130	R-05		†
2-Butanone (MEK)	0.127	0.023	mg/Kg wet	0.113		112	70-160			†
tert-Butyl Alcohol (TBA)	0.103	0.023	mg/Kg wet	0.113		90.7	40-130	R-05, V-16		†
n-Butylbenzene	0.0119	0.0023	mg/Kg wet	0.0113		105	70-130			
sec-Butylbenzene	0.0125	0.0011	mg/Kg wet	0.0113		110	70-130			
tert-Butylbenzene	0.0125	0.0011	mg/Kg wet	0.0113		110	70-160			†
tert-Butyl Ethyl Ether (TBEE)	0.0118	0.00057	mg/Kg wet	0.0113		104	70-130			
Carbon Disulfide	0.0112	0.0034	mg/Kg wet	0.0113		98.4	70-130			
Carbon Tetrachloride	0.0109	0.0011	mg/Kg wet	0.0113		95.9	70-130			
Chlorobenzene	0.0121	0.0011	mg/Kg wet	0.0113		107	70-130			
Chlorodibromomethane	0.00915	0.00057	mg/Kg wet	0.0113		80.7	70-130			
Chloroethane	0.0110	0.0023	mg/Kg wet	0.0113		97.5	70-130			
Chloroform	0.0127	0.0023	mg/Kg wet	0.0113		112	70-130			
Chloromethane	0.00802	0.0023	mg/Kg wet	0.0113		70.8	70-130			
2-Chlorotoluene	0.0123	0.0011	mg/Kg wet	0.0113		109	70-130			

QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B063207 - SW-846 5035										
LCS (B063207-BS1)				Prepared: 11/20/12 Analyzed: 11/21/12						
4-Chlorotoluene	0.0130	0.0011	mg/Kg wet	0.0113		115	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	0.00950	0.0057	mg/Kg wet	0.0113		83.8	70-130			
1,2-Dibromoethane (EDB)	0.0122	0.00057	mg/Kg wet	0.0113		108	70-130			
Dibromomethane	0.0127	0.0011	mg/Kg wet	0.0113		112	70-130			
1,2-Dichlorobenzene	0.0118	0.0011	mg/Kg wet	0.0113		104	70-130			
1,3-Dichlorobenzene	0.0124	0.0011	mg/Kg wet	0.0113		109	70-130			
1,4-Dichlorobenzene	0.0128	0.0011	mg/Kg wet	0.0113		113	70-130			
trans-1,4-Dichloro-2-butene	0.00876	0.0023	mg/Kg wet	0.0113		77.3	70-130			
Dichlorodifluoromethane (Freon 12)	0.00598	0.0023	mg/Kg wet	0.0113		52.8	40-160			†
1,1-Dichloroethane	0.0119	0.0011	mg/Kg wet	0.0113		105	70-130			
1,2-Dichloroethane	0.0135	0.0011	mg/Kg wet	0.0113		119	70-130			
1,1-Dichloroethylene	0.0122	0.0011	mg/Kg wet	0.0113		108	70-130			
cis-1,2-Dichloroethylene	0.0116	0.0011	mg/Kg wet	0.0113		103	70-130			
trans-1,2-Dichloroethylene	0.0126	0.0011	mg/Kg wet	0.0113		111	70-130			
1,2-Dichloropropane	0.0114	0.0011	mg/Kg wet	0.0113		101	70-130			
1,3-Dichloropropane	0.0121	0.00057	mg/Kg wet	0.0113		107	70-130			
2,2-Dichloropropane	0.0121	0.0023	mg/Kg wet	0.0113		107	70-130			
1,1-Dichloropropene	0.0122	0.0023	mg/Kg wet	0.0113		108	70-130			
cis-1,3-Dichloropropene	0.00917	0.00057	mg/Kg wet	0.0113		80.9	70-130			
trans-1,3-Dichloropropene	0.00995	0.00057	mg/Kg wet	0.0113		87.8	70-130			
Diethyl Ether	0.0111	0.0023	mg/Kg wet	0.0113		98.0	70-130			
Diisopropyl Ether (DIPE)	0.0121	0.00057	mg/Kg wet	0.0113		107	70-130			
1,4-Dioxane	0.117	0.057	mg/Kg wet	0.113		104	40-160			V-16 †
Ethylbenzene	0.0125	0.0011	mg/Kg wet	0.0113		110	70-130			
Hexachlorobutadiene	0.0126	0.0011	mg/Kg wet	0.0113		112	70-160			
2-Hexanone (MBK)	0.125	0.011	mg/Kg wet	0.113		110	70-160			†
Isopropylbenzene (Cumene)	0.0128	0.0011	mg/Kg wet	0.0113		113	70-130			
p-Isopropyltoluene (p-Cymene)	0.0137	0.0011	mg/Kg wet	0.0113		121	70-130			
Methyl tert-Butyl Ether (MTBE)	0.0130	0.0011	mg/Kg wet	0.0113		115	70-130			
Methylene Chloride	0.0127	0.0057	mg/Kg wet	0.0113		112	40-160			†
4-Methyl-2-pentanone (MIBK)	0.109	0.011	mg/Kg wet	0.113		96.3	70-160			†
Naphthalene	0.0104	0.0023	mg/Kg wet	0.0113		91.8	40-130			†
n-Propylbenzene	0.0125	0.0011	mg/Kg wet	0.0113		111	70-130			
Styrene	0.0120	0.0011	mg/Kg wet	0.0113		106	70-130			
1,1,1,2-Tetrachloroethane	0.0106	0.0011	mg/Kg wet	0.0113		93.1	70-130			
1,1,2,2-Tetrachloroethane	0.0109	0.00057	mg/Kg wet	0.0113		96.5	70-130			
Tetrachloroethylene	0.0132	0.0011	mg/Kg wet	0.0113		117	70-130			
Tetrahydrofuran	0.0100	0.011	mg/Kg wet	0.0113		88.5	70-130			
Toluene	0.0123	0.0011	mg/Kg wet	0.0113		109	70-130			
1,2,3-Trichlorobenzene	0.0118	0.0057	mg/Kg wet	0.0113		104	70-130			V-20
1,2,4-Trichlorobenzene	0.0107	0.0011	mg/Kg wet	0.0113		94.4	70-130			
1,3,5-Trichlorobenzene	0.0108	0.0011	mg/Kg wet	0.0113		95.2	70-130			
1,1,1-Trichloroethane	0.0125	0.0011	mg/Kg wet	0.0113		110	70-130			
1,1,2-Trichloroethane	0.0121	0.0011	mg/Kg wet	0.0113		107	70-130			
Trichloroethylene	0.0127	0.0011	mg/Kg wet	0.0113		112	70-130			
Trichlorofluoromethane (Freon 11)	0.0124	0.0023	mg/Kg wet	0.0113		109	70-130			
1,2,3-Trichloropropane	0.0117	0.0023	mg/Kg wet	0.0113		103	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0137	0.0011	mg/Kg wet	0.0113		121	70-130			
1,2,4-Trimethylbenzene	0.0127	0.0011	mg/Kg wet	0.0113		112	70-130			
1,3,5-Trimethylbenzene	0.0131	0.0011	mg/Kg wet	0.0113		116	70-130			
Vinyl Chloride	0.00861	0.0023	mg/Kg wet	0.0113		76.0	40-130			†

QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B063207 - SW-846 5035										
LCS (B063207-BS1)										
				Prepared: 11/20/12 Analyzed: 11/21/12						
m+p Xylene	0.0260	0.0023	mg/Kg wet	0.0227		115	70-130			
o-Xylene	0.0124	0.0011	mg/Kg wet	0.0113		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0300		mg/Kg wet	0.0302		99.3	70-130			
Surrogate: Toluene-d8	0.0280		mg/Kg wet	0.0302		92.7	70-130			
Surrogate: 4-Bromofluorobenzene	0.0285		mg/Kg wet	0.0302		94.2	70-130			
LCS Dup (B063207-BS1)										
				Prepared: 11/20/12 Analyzed: 11/21/12						
Acetone	0.186	0.057	mg/Kg wet	0.113		164 *	70-160	7.43	25	L-07 †
Acrylonitrile	0.0111	0.0057	mg/Kg wet	0.0113		98.1	70-130	2.81	25	
tert-Amyl Methyl Ether (TAME)	0.0118	0.00057	mg/Kg wet	0.0113		104	70-130	3.93	25	
Benzene	0.0108	0.0011	mg/Kg wet	0.0113		95.7	70-130	3.99	25	
Bromobenzene	0.0124	0.0011	mg/Kg wet	0.0113		109	70-130	2.87	25	
Bromochloromethane	0.0119	0.0011	mg/Kg wet	0.0113		105	70-130	1.80	25	
Bromodichloromethane	0.00919	0.0011	mg/Kg wet	0.0113		81.1	70-130	3.51	25	
Bromoform	0.00903	0.0011	mg/Kg wet	0.0113		79.7	70-130	3.97	25	
Bromomethane	0.00796	0.0023	mg/Kg wet	0.0113		70.2	40-130	28.1 *	25	R-05 †
2-Butanone (MEK)	0.133	0.023	mg/Kg wet	0.113		118	70-160	5.15	25	†
tert-Butyl Alcohol (TBA)	0.132	0.023	mg/Kg wet	0.113		117	40-130	25.1 *	25	R-05, V-16 †
n-Butylbenzene	0.0111	0.0023	mg/Kg wet	0.0113		98.0	70-130	7.09	25	
sec-Butylbenzene	0.0114	0.0011	mg/Kg wet	0.0113		101	70-130	8.82	25	
tert-Butylbenzene	0.0116	0.0011	mg/Kg wet	0.0113		102	70-160	7.44	25	†
tert-Butyl Ethyl Ether (TBEE)	0.0118	0.00057	mg/Kg wet	0.0113		104	70-130	0.481	25	
Carbon Disulfide	0.0110	0.0034	mg/Kg wet	0.0113		97.1	70-130	1.33	25	
Carbon Tetrachloride	0.0101	0.0011	mg/Kg wet	0.0113		89.3	70-130	7.13	25	
Chlorobenzene	0.0119	0.0011	mg/Kg wet	0.0113		105	70-130	2.36	25	
Chlorodibromomethane	0.00918	0.00057	mg/Kg wet	0.0113		81.0	70-130	0.371	25	
Chloroethane	0.0113	0.0023	mg/Kg wet	0.0113		100	70-130	2.63	25	
Chloroform	0.0125	0.0023	mg/Kg wet	0.0113		110	70-130	1.44	25	
Chloromethane	0.00835	0.0023	mg/Kg wet	0.0113		73.7	70-130	4.01	25	
2-Chlorotoluene	0.0123	0.0011	mg/Kg wet	0.0113		108	70-130	0.369	25	
4-Chlorotoluene	0.0127	0.0011	mg/Kg wet	0.0113		112	70-130	2.29	25	
1,2-Dibromo-3-chloropropane (DBCP)	0.00951	0.0057	mg/Kg wet	0.0113		83.9	70-130	0.119	25	
1,2-Dibromoethane (EDB)	0.0128	0.00057	mg/Kg wet	0.0113		113	70-130	4.17	25	
Dibromomethane	0.0125	0.0011	mg/Kg wet	0.0113		110	70-130	1.80	25	
1,2-Dichlorobenzene	0.0118	0.0011	mg/Kg wet	0.0113		104	70-130	0.481	25	
1,3-Dichlorobenzene	0.0117	0.0011	mg/Kg wet	0.0113		103	70-130	5.27	25	
1,4-Dichlorobenzene	0.0122	0.0011	mg/Kg wet	0.0113		108	70-130	4.79	25	
trans-1,4-Dichloro-2-butene	0.00972	0.0023	mg/Kg wet	0.0113		85.8	70-130	10.4	25	
Dichlorodifluoromethane (Freon 12)	0.00552	0.0023	mg/Kg wet	0.0113		48.7	40-160	8.08	25	†
1,1-Dichloroethane	0.0115	0.0011	mg/Kg wet	0.0113		102	70-130	3.38	25	
1,2-Dichloroethane	0.0134	0.0011	mg/Kg wet	0.0113		118	70-130	0.337	25	
1,1-Dichloroethylene	0.0125	0.0011	mg/Kg wet	0.0113		111	70-130	2.75	25	
cis-1,2-Dichloroethylene	0.0114	0.0011	mg/Kg wet	0.0113		101	70-130	1.87	25	
trans-1,2-Dichloroethylene	0.0116	0.0011	mg/Kg wet	0.0113		102	70-130	8.61	25	
1,2-Dichloropropane	0.0109	0.0011	mg/Kg wet	0.0113		96.2	70-130	4.67	25	
1,3-Dichloropropane	0.0122	0.00057	mg/Kg wet	0.0113		108	70-130	1.30	25	
2,2-Dichloropropane	0.0114	0.0023	mg/Kg wet	0.0113		100	70-130	6.55	25	
1,1-Dichloropropene	0.0118	0.0023	mg/Kg wet	0.0113		104	70-130	3.02	25	
cis-1,3-Dichloropropene	0.00898	0.00057	mg/Kg wet	0.0113		79.2	70-130	2.12	25	
trans-1,3-Dichloropropene	0.0100	0.00057	mg/Kg wet	0.0113		88.5	70-130	0.794	25	
Diethyl Ether	0.0123	0.0023	mg/Kg wet	0.0113		108	70-130	9.99	25	
Diisopropyl Ether (DIPE)	0.0110	0.00057	mg/Kg wet	0.0113		97.3	70-130	9.59	25	

QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B063207 - SW-846 5035
LCS Dup (B063207-BSD1)

Prepared: 11/20/12 Analyzed: 11/21/12

1,4-Dioxane	0.128	0.057	mg/Kg wet	0.113		113	40-160	8.36	50	V-16 † ‡
Ethylbenzene	0.0120	0.0011	mg/Kg wet	0.0113		106	70-130	4.35	25	
Hexachlorobutadiene	0.0122	0.0011	mg/Kg wet	0.0113		108	70-160	3.37	25	
2-Hexanone (MBK)	0.134	0.011	mg/Kg wet	0.113		118	70-160	7.11	25	†
Isopropylbenzene (Cumene)	0.0122	0.0011	mg/Kg wet	0.0113		108	70-130	4.35	25	
p-Isopropyltoluene (p-Cymene)	0.0128	0.0011	mg/Kg wet	0.0113		113	70-130	7.01	25	
Methyl tert-Butyl Ether (MTBE)	0.0138	0.0011	mg/Kg wet	0.0113		121	70-130	5.50	25	
Methylene Chloride	0.0122	0.0057	mg/Kg wet	0.0113		108	40-160	3.55	25	†
4-Methyl-2-pentanone (MIBK)	0.121	0.011	mg/Kg wet	0.113		107	70-160	10.4	25	†
Naphthalene	0.0121	0.0023	mg/Kg wet	0.0113		106	40-130	14.7	25	†
n-Propylbenzene	0.0120	0.0011	mg/Kg wet	0.0113		106	70-130	4.53	25	
Styrene	0.0121	0.0011	mg/Kg wet	0.0113		107	70-130	1.04	25	
1,1,1,2-Tetrachloroethane	0.0101	0.0011	mg/Kg wet	0.0113		89.5	70-130	3.94	25	
1,1,2,2-Tetrachloroethane	0.0119	0.00057	mg/Kg wet	0.0113		105	70-130	8.82	25	
Tetrachloroethylene	0.0124	0.0011	mg/Kg wet	0.0113		110	70-130	6.18	25	
Tetrahydrofuran	0.0112	0.011	mg/Kg wet	0.0113		99.0	70-130	11.2	25	
Toluene	0.0119	0.0011	mg/Kg wet	0.0113		105	70-130	3.46	25	
1,2,3-Trichlorobenzene	0.0138	0.0057	mg/Kg wet	0.0113		122	70-130	15.5	25	V-20
1,2,4-Trichlorobenzene	0.0114	0.0011	mg/Kg wet	0.0113		101	70-130	6.36	25	
1,3,5-Trichlorobenzene	0.0109	0.0011	mg/Kg wet	0.0113		95.8	70-130	0.628	25	
1,1,1-Trichloroethane	0.0119	0.0011	mg/Kg wet	0.0113		105	70-130	4.91	25	
1,1,2-Trichloroethane	0.0120	0.0011	mg/Kg wet	0.0113		106	70-130	1.03	25	
Trichloroethylene	0.0119	0.0011	mg/Kg wet	0.0113		105	70-130	6.72	25	
Trichlorofluoromethane (Freon 11)	0.0119	0.0023	mg/Kg wet	0.0113		105	70-130	4.30	25	
1,2,3-Trichloropropane	0.0129	0.0023	mg/Kg wet	0.0113		114	70-130	10.4	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0134	0.0011	mg/Kg wet	0.0113		118	70-130	2.35	25	
1,2,4-Trimethylbenzene	0.0121	0.0011	mg/Kg wet	0.0113		106	70-130	5.39	25	
1,3,5-Trimethylbenzene	0.0128	0.0011	mg/Kg wet	0.0113		113	70-130	2.97	25	
Vinyl Chloride	0.00882	0.0023	mg/Kg wet	0.0113		77.8	40-130	2.34	25	†
m+p Xylene	0.0252	0.0023	mg/Kg wet	0.0227		111	70-130	3.19	25	
o-Xylene	0.0123	0.0011	mg/Kg wet	0.0113		109	70-130	0.458	25	
Surrogate: 1,2-Dichloroethane-d4	0.0298		mg/Kg wet	0.0302		98.5	70-130			
Surrogate: Toluene-d8	0.0279		mg/Kg wet	0.0302		92.3	70-130			
Surrogate: 4-Bromofluorobenzene	0.0289		mg/Kg wet	0.0302		95.7	70-130			

Batch B063212 - SW-846 5030B
Blank (B063212-BLK1)

Prepared & Analyzed: 11/20/12

Acetone	ND	50	µg/L							
Acrylonitrile	ND	5.0	µg/L							
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L							
Benzene	ND	1.0	µg/L							
Bromobenzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	2.0	µg/L							
2-Butanone (MEK)	ND	20	µg/L							
tert-Butyl Alcohol (TBA)	ND	20	µg/L							V-16
n-Butylbenzene	ND	2.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							

QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B063212 - SW-846 5030B
Blank (B063212-BLK1)

Prepared & Analyzed: 11/20/12

tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L							
Carbon Disulfide	ND	2.0	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
2-Chlorotoluene	ND	1.0	µg/L							
4-Chlorotoluene	ND	1.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	1.0	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	2.0	µg/L							
1,1-Dichloropropene	ND	2.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Diethyl Ether	ND	2.0	µg/L							
Diisopropyl Ether (DIPE)	ND	0.50	µg/L							
1,4-Dioxane	ND	50	µg/L							V-16
Ethylbenzene	ND	1.0	µg/L							
Hexachlorobutadiene	ND	0.50	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							
Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L							
Naphthalene	ND	2.0	µg/L							
n-Propylbenzene	ND	1.0	µg/L							
Styrene	ND	1.0	µg/L							
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	µg/L							
Tetrahydrofuran	ND	10	µg/L							
Toluene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	5.0	µg/L							
1,2,4-Trichlorobenzene	ND	1.0	µg/L							
1,3,5-Trichlorobenzene	ND	1.0	µg/L							
1,1,1-Trichloroethane	ND	1.0	µg/L							

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B063212 - SW-846 5030B

Blank (B063212-BLK1)

Prepared & Analyzed: 11/20/12

1,1,2-Trichloroethane	ND	1.0	µg/L							
Trichloroethylene	ND	1.0	µg/L							
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L							
1,2,3-Trichloropropane	ND	2.0	µg/L							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L							
1,2,4-Trimethylbenzene	ND	1.0	µg/L							
1,3,5-Trimethylbenzene	ND	1.0	µg/L							
Vinyl Chloride	ND	2.0	µg/L							
m+p Xylene	ND	2.0	µg/L							
o-Xylene	ND	1.0	µg/L							
Surrogate: 1,2-Dichloroethane-d4	25.6		µg/L	25.0		103	70-130			
Surrogate: Toluene-d8	24.3		µg/L	25.0		97.2	70-130			
Surrogate: 4-Bromofluorobenzene	25.1		µg/L	25.0		100	70-130			

LCS (B063212-BS1)

Prepared & Analyzed: 11/20/12

Acetone	106	50	µg/L	100		106	70-160			†
Acrylonitrile	10.3	5.0	µg/L	10.0		103	70-130			
tert-Amyl Methyl Ether (TAME)	11.0	0.50	µg/L	10.0		110	70-130			
Benzene	10.7	1.0	µg/L	10.0		107	70-130			
Bromobenzene	11.7	1.0	µg/L	10.0		117	70-130			
Bromochloromethane	11.4	1.0	µg/L	10.0		114	70-130			
Bromodichloromethane	8.83	0.50	µg/L	10.0		88.3	70-130			
Bromoform	8.28	1.0	µg/L	10.0		82.8	70-130			
Bromomethane	5.41	2.0	µg/L	10.0		54.1	40-160		V-20	†
2-Butanone (MEK)	94.8	20	µg/L	100		94.8	40-160			†
tert-Butyl Alcohol (TBA)	99.5	20	µg/L	100		99.5	40-160		V-16	†
n-Butylbenzene	11.2	2.0	µg/L	10.0		112	70-130			
sec-Butylbenzene	11.6	1.0	µg/L	10.0		116	70-130			
tert-Butylbenzene	11.7	1.0	µg/L	10.0		117	70-130			
tert-Butyl Ethyl Ether (TBEE)	11.4	0.50	µg/L	10.0		114	70-130			
Carbon Disulfide	10.2	2.0	µg/L	10.0		102	70-130			
Carbon Tetrachloride	9.92	5.0	µg/L	10.0		99.2	70-130			
Chlorobenzene	11.6	1.0	µg/L	10.0		116	70-130			
Chlorodibromomethane	8.72	0.50	µg/L	10.0		87.2	70-130			
Chloroethane	10.6	2.0	µg/L	10.0		106	70-130			
Chloroform	11.6	2.0	µg/L	10.0		116	70-130			
Chloromethane	8.54	2.0	µg/L	10.0		85.4	40-160			†
2-Chlorotoluene	11.5	1.0	µg/L	10.0		115	70-130			
4-Chlorotoluene	12.2	1.0	µg/L	10.0		122	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	8.69	5.0	µg/L	10.0		86.9	70-130			
1,2-Dibromoethane (EDB)	11.3	0.50	µg/L	10.0		113	70-130			
Dibromomethane	11.6	1.0	µg/L	10.0		116	70-130			
1,2-Dichlorobenzene	11.5	1.0	µg/L	10.0		115	70-130			
1,3-Dichlorobenzene	11.4	1.0	µg/L	10.0		114	70-130			
1,4-Dichlorobenzene	11.8	1.0	µg/L	10.0		118	70-130			
trans-1,4-Dichloro-2-butene	8.42	2.0	µg/L	10.0		84.2	70-130			
Dichlorodifluoromethane (Freon 12)	6.64	2.0	µg/L	10.0		66.4	40-160			†
1,1-Dichloroethane	11.1	1.0	µg/L	10.0		111	70-130			
1,2-Dichloroethane	12.1	1.0	µg/L	10.0		121	70-130			
1,1-Dichloroethylene	11.3	1.0	µg/L	10.0		113	70-130			
cis-1,2-Dichloroethylene	10.6	1.0	µg/L	10.0		106	70-130			
trans-1,2-Dichloroethylene	11.6	1.0	µg/L	10.0		116	70-130			

QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B063212 - SW-846 5030B										
LCS (B063212-BS1)				Prepared & Analyzed: 11/20/12						
1,2-Dichloropropane	10.8	1.0	µg/L	10.0		108	70-130			
1,3-Dichloropropane	11.3	0.50	µg/L	10.0		113	70-130			
2,2-Dichloropropane	11.4	2.0	µg/L	10.0		114	40-130			†
1,1-Dichloropropene	11.4	2.0	µg/L	10.0		114	70-130			
cis-1,3-Dichloropropene	8.88	0.50	µg/L	10.0		88.8	70-130			
trans-1,3-Dichloropropene	9.54	0.50	µg/L	10.0		95.4	70-130			
Diethyl Ether	10.3	2.0	µg/L	10.0		103	70-130			
Diisopropyl Ether (DIPE)	11.2	0.50	µg/L	10.0		112	70-130			
1,4-Dioxane	105	50	µg/L	100		105	40-130		V-16	†
Ethylbenzene	12.0	1.0	µg/L	10.0		120	70-130			
Hexachlorobutadiene	11.4	0.50	µg/L	10.0		114	70-130			
2-Hexanone (MBK)	102	10	µg/L	100		102	70-160			†
Isopropylbenzene (Cumene)	12.1	1.0	µg/L	10.0		121	70-130			
p-Isopropyltoluene (p-Cymene)	12.8	1.0	µg/L	10.0		128	70-130			
Methyl tert-Butyl Ether (MTBE)	12.4	1.0	µg/L	10.0		124	70-130			
Methylene Chloride	12.4	5.0	µg/L	10.0		124	70-130		V-20	
4-Methyl-2-pentanone (MIBK)	102	10	µg/L	100		102	70-160			†
Naphthalene	10.5	2.0	µg/L	10.0		105	40-130			†
n-Propylbenzene	11.8	1.0	µg/L	10.0		118	70-130			
Styrene	11.7	1.0	µg/L	10.0		117	70-130			
1,1,1,2-Tetrachloroethane	10.0	1.0	µg/L	10.0		100	70-130			
1,1,2,2-Tetrachloroethane	10.7	0.50	µg/L	10.0		107	70-130			
Tetrachloroethylene	12.2	1.0	µg/L	10.0		122	70-130			
Tetrahydrofuran	9.27	10	µg/L	10.0		92.7	70-130			
Toluene	11.5	1.0	µg/L	10.0		115	70-130			
1,2,3-Trichlorobenzene	11.4	5.0	µg/L	10.0		114	70-130			
1,2,4-Trichlorobenzene	10.6	1.0	µg/L	10.0		106	70-130			
1,3,5-Trichlorobenzene	10.3	1.0	µg/L	10.0		103	70-130			
1,1,1-Trichloroethane	11.7	1.0	µg/L	10.0		117	70-130			
1,1,2-Trichloroethane	11.4	1.0	µg/L	10.0		114	70-130			
Trichloroethylene	11.7	1.0	µg/L	10.0		117	70-130			
Trichlorofluoromethane (Freon 11)	11.1	2.0	µg/L	10.0		111	70-130			
1,2,3-Trichloropropane	11.4	2.0	µg/L	10.0		114	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.6	1.0	µg/L	10.0		126	70-130			
1,2,4-Trimethylbenzene	11.9	1.0	µg/L	10.0		119	70-130			
1,3,5-Trimethylbenzene	12.3	1.0	µg/L	10.0		123	70-130			
Vinyl Chloride	8.50	2.0	µg/L	10.0		85.0	40-160			†
m+p Xylene	24.4	2.0	µg/L	20.0		122	70-130			
o-Xylene	12.0	1.0	µg/L	10.0		120	70-130			
Surrogate: 1,2-Dichloroethane-d4	24.9		µg/L	25.0		99.5	70-130			
Surrogate: Toluene-d8	24.5		µg/L	25.0		98.0	70-130			
Surrogate: 4-Bromofluorobenzene	25.4		µg/L	25.0		101	70-130			

QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B063212 - SW-846 5030B										
LCS Dup (B063212-BSD1)				Prepared & Analyzed: 11/20/12						
Acetone	117	50	µg/L	100		117	70-160	10.1	25	†
Acrylonitrile	11.4	5.0	µg/L	10.0		114	70-130	10.4	25	
tert-Amyl Methyl Ether (TAME)	11.3	0.50	µg/L	10.0		113	70-130	2.68	25	
Benzene	10.2	1.0	µg/L	10.0		102	70-130	4.59	25	
Bromobenzene	11.6	1.0	µg/L	10.0		116	70-130	1.11	25	
Bromochloromethane	11.3	1.0	µg/L	10.0		113	70-130	0.529	25	
Bromodichloromethane	8.43	0.50	µg/L	10.0		84.3	70-130	4.63	25	
Bromoform	8.52	1.0	µg/L	10.0		85.2	70-130	2.86	25	
Bromomethane	6.83	2.0	µg/L	10.0		68.3	40-160	23.2	25	V-20 †
2-Butanone (MEK)	105	20	µg/L	100		105	40-160	9.94	25	†
tert-Butyl Alcohol (TBA)	114	20	µg/L	100		114	40-160	14.0	25	V-16 †
n-Butylbenzene	10.7	2.0	µg/L	10.0		107	70-130	4.58	25	
sec-Butylbenzene	11.1	1.0	µg/L	10.0		111	70-130	4.75	25	
tert-Butylbenzene	11.0	1.0	µg/L	10.0		110	70-130	5.80	25	
tert-Butyl Ethyl Ether (TBEE)	11.4	0.50	µg/L	10.0		114	70-130	0.00	25	
Carbon Disulfide	9.37	2.0	µg/L	10.0		93.7	70-130	8.78	25	
Carbon Tetrachloride	9.39	5.0	µg/L	10.0		93.9	70-130	5.49	25	
Chlorobenzene	11.2	1.0	µg/L	10.0		112	70-130	3.26	25	
Chlorodibromomethane	8.55	0.50	µg/L	10.0		85.5	70-130	1.97	25	
Chloroethane	10.1	2.0	µg/L	10.0		101	70-130	4.44	25	
Chloroform	11.3	2.0	µg/L	10.0		113	70-130	2.10	25	
Chloromethane	8.20	2.0	µg/L	10.0		82.0	40-160	4.06	25	†
2-Chlorotoluene	11.3	1.0	µg/L	10.0		113	70-130	2.28	25	
4-Chlorotoluene	11.8	1.0	µg/L	10.0		118	70-130	2.92	25	
1,2-Dibromo-3-chloropropane (DBCP)	9.47	5.0	µg/L	10.0		94.7	70-130	8.59	25	
1,2-Dibromoethane (EDB)	11.5	0.50	µg/L	10.0		115	70-130	1.67	25	
Dibromomethane	11.4	1.0	µg/L	10.0		114	70-130	1.74	25	
1,2-Dichlorobenzene	11.3	1.0	µg/L	10.0		113	70-130	1.67	25	
1,3-Dichlorobenzene	11.2	1.0	µg/L	10.0		112	70-130	2.21	25	
1,4-Dichlorobenzene	11.6	1.0	µg/L	10.0		116	70-130	2.22	25	
trans-1,4-Dichloro-2-butene	8.95	2.0	µg/L	10.0		89.5	70-130	6.10	25	
Dichlorodifluoromethane (Freon 12)	6.36	2.0	µg/L	10.0		63.6	40-160	4.31	25	†
1,1-Dichloroethane	10.8	1.0	µg/L	10.0		108	70-130	2.75	25	
1,2-Dichloroethane	11.9	1.0	µg/L	10.0		119	70-130	2.00	25	
1,1-Dichloroethylene	10.6	1.0	µg/L	10.0		106	70-130	6.49	25	
cis-1,2-Dichloroethylene	10.3	1.0	µg/L	10.0		103	70-130	2.49	25	
trans-1,2-Dichloroethylene	11.2	1.0	µg/L	10.0		112	70-130	3.25	25	
1,2-Dichloropropane	10.5	1.0	µg/L	10.0		105	70-130	2.92	25	
1,3-Dichloropropane	11.3	0.50	µg/L	10.0		113	70-130	0.177	25	
2,2-Dichloropropane	10.9	2.0	µg/L	10.0		109	40-130	4.68	25	†
1,1-Dichloropropene	11.0	2.0	µg/L	10.0		110	70-130	2.86	25	
cis-1,3-Dichloropropene	8.64	0.50	µg/L	10.0		86.4	70-130	2.74	25	
trans-1,3-Dichloropropene	9.35	0.50	µg/L	10.0		93.5	70-130	2.01	25	
Diethyl Ether	10.4	2.0	µg/L	10.0		104	70-130	0.579	25	
Diisopropyl Ether (DIPE)	11.0	0.50	µg/L	10.0		110	70-130	1.80	25	
1,4-Dioxane	119	50	µg/L	100		119	40-130	12.3	50	V-16 † ‡
Ethylbenzene	11.4	1.0	µg/L	10.0		114	70-130	4.52	25	
Hexachlorobutadiene	11.7	0.50	µg/L	10.0		117	70-130	2.33	25	
2-Hexanone (MBK)	110	10	µg/L	100		110	70-160	8.21	25	†
Isopropylbenzene (Cumene)	11.6	1.0	µg/L	10.0		116	70-130	3.97	25	
p-Isopropyltoluene (p-Cymene)	12.0	1.0	µg/L	10.0		120	70-130	5.72	25	
Methyl tert-Butyl Ether (MTBE)	12.4	1.0	µg/L	10.0		124	70-130	0.564	25	

QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B063212 - SW-846 5030B
LCS Dup (B063212-BSD1)

Prepared & Analyzed: 11/20/12

Methylene Chloride	12.2	5.0	µg/L	10.0		122	70-130	2.11	25	V-20
4-Methyl-2-pentanone (MIBK)	108	10	µg/L	100		108	70-160	6.35	25	†
Naphthalene	11.8	2.0	µg/L	10.0		118	40-130	11.2	25	†
n-Propylbenzene	11.4	1.0	µg/L	10.0		114	70-130	3.19	25	
Styrene	11.3	1.0	µg/L	10.0		113	70-130	3.92	25	
1,1,1,2-Tetrachloroethane	9.78	1.0	µg/L	10.0		97.8	70-130	2.52	25	
1,1,2,2-Tetrachloroethane	11.1	0.50	µg/L	10.0		111	70-130	4.31	25	
Tetrachloroethylene	12.0	1.0	µg/L	10.0		120	70-130	1.98	25	
Tetrahydrofuran	10.1	10	µg/L	10.0		101	70-130	8.96	25	
Toluene	10.9	1.0	µg/L	10.0		109	70-130	4.82	25	
1,2,3-Trichlorobenzene	13.3	5.0	µg/L	10.0		133	* 70-130	15.6	25	L-07
1,2,4-Trichlorobenzene	11.3	1.0	µg/L	10.0		113	70-130	6.68	25	
1,3,5-Trichlorobenzene	10.5	1.0	µg/L	10.0		105	70-130	2.50	25	
1,1,1-Trichloroethane	11.1	1.0	µg/L	10.0		111	70-130	5.00	25	
1,1,2-Trichloroethane	11.1	1.0	µg/L	10.0		111	70-130	2.57	25	
Trichloroethylene	11.1	1.0	µg/L	10.0		111	70-130	5.34	25	
Trichlorofluoromethane (Freon 11)	10.6	2.0	µg/L	10.0		106	70-130	4.97	25	
1,2,3-Trichloropropane	11.8	2.0	µg/L	10.0		118	70-130	3.02	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.9	1.0	µg/L	10.0		119	70-130	6.11	25	
1,2,4-Trimethylbenzene	11.4	1.0	µg/L	10.0		114	70-130	4.21	25	
1,3,5-Trimethylbenzene	12.1	1.0	µg/L	10.0		121	70-130	2.13	25	
Vinyl Chloride	7.96	2.0	µg/L	10.0		79.6	40-160	6.56	25	†
m+p Xylene	23.8	2.0	µg/L	20.0		119	70-130	2.78	25	
o-Xylene	11.6	1.0	µg/L	10.0		116	70-130	3.90	25	
Surrogate: 1,2-Dichloroethane-d4	24.8		µg/L	25.0		99.3	70-130			
Surrogate: Toluene-d8	24.2		µg/L	25.0		96.9	70-130			
Surrogate: 4-Bromofluorobenzene	25.4		µg/L	25.0		102	70-130			

Batch B063213 - SW-846 5035
Blank (B063213-BLK1)

Prepared & Analyzed: 11/20/12

Acetone	ND	0.10	mg/Kg wet							
Acrylonitrile	ND	0.0060	mg/Kg wet							V-16
tert-Amyl Methyl Ether (TAME)	ND	0.0010	mg/Kg wet							
Benzene	ND	0.0020	mg/Kg wet							
Bromobenzene	ND	0.0020	mg/Kg wet							
Bromochloromethane	ND	0.0020	mg/Kg wet							
Bromodichloromethane	ND	0.0020	mg/Kg wet							
Bromoform	ND	0.0020	mg/Kg wet							
Bromomethane	ND	0.010	mg/Kg wet							
2-Butanone (MEK)	ND	0.040	mg/Kg wet							
tert-Butyl Alcohol (TBA)	ND	0.040	mg/Kg wet							V-16
n-Butylbenzene	ND	0.0020	mg/Kg wet							
sec-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butyl Ethyl Ether (TBEE)	ND	0.0010	mg/Kg wet							
Carbon Disulfide	ND	0.0060	mg/Kg wet							
Carbon Tetrachloride	ND	0.0020	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0010	mg/Kg wet							
Chloroethane	ND	0.020	mg/Kg wet							
Chloroform	ND	0.0040	mg/Kg wet							

QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B063213 - SW-846 5035										
Blank (B063213-BLK1)				Prepared & Analyzed: 11/20/12						
Chloromethane	ND	0.010	mg/Kg wet							L-04, V-05
2-Chlorotoluene	ND	0.0020	mg/Kg wet							
4-Chlorotoluene	ND	0.0020	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet							V-16
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg wet							
Dibromomethane	ND	0.0020	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet							
trans-1,4-Dichloro-2-butene	ND	0.0040	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg wet							L-04, V-05
1,1-Dichloroethane	ND	0.0020	mg/Kg wet							
1,2-Dichloroethane	ND	0.0020	mg/Kg wet							
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
1,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,3-Dichloropropane	ND	0.0010	mg/Kg wet							
2,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,1-Dichloropropene	ND	0.0020	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
Diethyl Ether	ND	0.020	mg/Kg wet							
Diisopropyl Ether (DIPE)	ND	0.0010	mg/Kg wet							
1,4-Dioxane	ND	0.10	mg/Kg wet							V-16
Ethylbenzene	ND	0.0020	mg/Kg wet							
Hexachlorobutadiene	ND	0.0020	mg/Kg wet							
2-Hexanone (MBK)	ND	0.020	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.0020	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg wet							
Methylene Chloride	ND	0.020	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg wet							
Naphthalene	ND	0.0040	mg/Kg wet							
n-Propylbenzene	ND	0.0020	mg/Kg wet							
Styrene	ND	0.0020	mg/Kg wet							
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet							
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet							
Tetrachloroethylene	ND	0.0020	mg/Kg wet							
Tetrahydrofuran	ND	0.010	mg/Kg wet							V-16
Toluene	ND	0.0020	mg/Kg wet							
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,3,5-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet							
Trichloroethylene	ND	0.0020	mg/Kg wet							
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet							
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg wet							
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg wet							

QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B063213 - SW-846 5035										
Blank (B063213-BLK1)				Prepared & Analyzed: 11/20/12						
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg wet							
Vinyl Chloride	ND	0.010	mg/Kg wet							
m+p Xylene	ND	0.0040	mg/Kg wet							
o-Xylene	ND	0.0020	mg/Kg wet							
Surrogate: 1,2-Dichloroethane-d4	0.0542		mg/Kg wet	0.0500		108	70-130			
Surrogate: Toluene-d8	0.0512		mg/Kg wet	0.0500		102	70-130			
Surrogate: 4-Bromofluorobenzene	0.0496		mg/Kg wet	0.0500		99.2	70-130			
LCS (B063213-BS1)				Prepared & Analyzed: 11/20/12						
Acetone	0.152	0.10	mg/Kg wet	0.200		76.2	70-160			†
Acrylonitrile	0.0163	0.0060	mg/Kg wet	0.0200		81.4	70-130			V-16
tert-Amyl Methyl Ether (TAME)	0.0180	0.0010	mg/Kg wet	0.0200		89.8	70-130			
Benzene	0.0178	0.0020	mg/Kg wet	0.0200		89.0	70-130			
Bromobenzene	0.0186	0.0020	mg/Kg wet	0.0200		93.1	70-130			
Bromochloromethane	0.0180	0.0020	mg/Kg wet	0.0200		90.1	70-130			
Bromodichloromethane	0.0172	0.0020	mg/Kg wet	0.0200		85.9	70-130			
Bromoform	0.0182	0.0020	mg/Kg wet	0.0200		90.8	70-130			
Bromomethane	0.0142	0.010	mg/Kg wet	0.0200		70.9	40-130			†
2-Butanone (MEK)	0.150	0.040	mg/Kg wet	0.200		74.8	70-160			†
tert-Butyl Alcohol (TBA)	0.157	0.040	mg/Kg wet	0.200		78.4	40-130			V-16 †
n-Butylbenzene	0.0188	0.0020	mg/Kg wet	0.0200		93.9	70-130			
sec-Butylbenzene	0.0190	0.0020	mg/Kg wet	0.0200		95.2	70-130			
tert-Butylbenzene	0.0189	0.0020	mg/Kg wet	0.0200		94.7	70-160			†
tert-Butyl Ethyl Ether (TBEE)	0.0176	0.0010	mg/Kg wet	0.0200		87.9	70-130			
Carbon Disulfide	0.0146	0.0060	mg/Kg wet	0.0200		72.8	70-130			
Carbon Tetrachloride	0.0184	0.0020	mg/Kg wet	0.0200		92.1	70-130			
Chlorobenzene	0.0174	0.0020	mg/Kg wet	0.0200		87.0	70-130			
Chlorodibromomethane	0.0179	0.0010	mg/Kg wet	0.0200		89.5	70-130			
Chloroethane	0.0146	0.020	mg/Kg wet	0.0200		72.8	70-130			
Chloroform	0.0184	0.0040	mg/Kg wet	0.0200		92.2	70-130			
Chloromethane	0.0111	0.010	mg/Kg wet	0.0200		55.6	* 70-130			L-04, V-05
2-Chlorotoluene	0.0182	0.0020	mg/Kg wet	0.0200		91.1	70-130			
4-Chlorotoluene	0.0190	0.0020	mg/Kg wet	0.0200		95.2	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	0.0177	0.0020	mg/Kg wet	0.0200		88.6	70-130			V-16
1,2-Dibromoethane (EDB)	0.0181	0.0010	mg/Kg wet	0.0200		90.3	70-130			
Dibromomethane	0.0183	0.0020	mg/Kg wet	0.0200		91.6	70-130			
1,2-Dichlorobenzene	0.0183	0.0020	mg/Kg wet	0.0200		91.6	70-130			
1,3-Dichlorobenzene	0.0184	0.0020	mg/Kg wet	0.0200		91.9	70-130			
1,4-Dichlorobenzene	0.0187	0.0020	mg/Kg wet	0.0200		93.6	70-130			
trans-1,4-Dichloro-2-butene	0.0161	0.0040	mg/Kg wet	0.0200		80.3	70-130			
Dichlorodifluoromethane (Freon 12)	0.00572	0.020	mg/Kg wet	0.0200		28.6	* 40-160			L-04, V-05 †
1,1-Dichloroethane	0.0175	0.0020	mg/Kg wet	0.0200		87.4	70-130			
1,2-Dichloroethane	0.0180	0.0020	mg/Kg wet	0.0200		90.2	70-130			
1,1-Dichloroethylene	0.0156	0.0040	mg/Kg wet	0.0200		77.9	70-130			
cis-1,2-Dichloroethylene	0.0171	0.0020	mg/Kg wet	0.0200		85.4	70-130			
trans-1,2-Dichloroethylene	0.0172	0.0020	mg/Kg wet	0.0200		85.8	70-130			
1,2-Dichloropropane	0.0179	0.0020	mg/Kg wet	0.0200		89.6	70-130			
1,3-Dichloropropane	0.0180	0.0010	mg/Kg wet	0.0200		89.8	70-130			
2,2-Dichloropropane	0.0175	0.0020	mg/Kg wet	0.0200		87.3	70-130			
1,1-Dichloropropene	0.0178	0.0020	mg/Kg wet	0.0200		89.1	70-130			
cis-1,3-Dichloropropene	0.0176	0.0010	mg/Kg wet	0.0200		87.8	70-130			
trans-1,3-Dichloropropene	0.0186	0.0010	mg/Kg wet	0.0200		93.1	70-130			

QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B063213 - SW-846 5035
LCS (B063213-BS1)

Prepared & Analyzed: 11/20/12

Diethyl Ether	0.0158	0.020	mg/Kg wet	0.0200		78.9	70-130			
Diisopropyl Ether (DIPE)	0.0179	0.0010	mg/Kg wet	0.0200		89.6	70-130			
1,4-Dioxane	0.164	0.10	mg/Kg wet	0.200		81.8	40-160			V-16 †
Ethylbenzene	0.0186	0.0020	mg/Kg wet	0.0200		93.1	70-130			
Hexachlorobutadiene	0.0195	0.0020	mg/Kg wet	0.0200		97.3	70-160			
2-Hexanone (MBK)	0.163	0.020	mg/Kg wet	0.200		81.7	70-160			†
Isopropylbenzene (Cumene)	0.0185	0.0020	mg/Kg wet	0.0200		92.5	70-130			
p-Isopropyltoluene (p-Cymene)	0.0197	0.0020	mg/Kg wet	0.0200		98.5	70-130			
Methyl tert-Butyl Ether (MTBE)	0.0199	0.0040	mg/Kg wet	0.0200		99.5	70-130			
Methylene Chloride	0.0163	0.020	mg/Kg wet	0.0200		81.5	40-160			†
4-Methyl-2-pentanone (MIBK)	0.167	0.020	mg/Kg wet	0.200		83.4	70-160			†
Naphthalene	0.0166	0.0040	mg/Kg wet	0.0200		83.2	40-130			†
n-Propylbenzene	0.0184	0.0020	mg/Kg wet	0.0200		91.9	70-130			
Styrene	0.0185	0.0020	mg/Kg wet	0.0200		92.7	70-130			
1,1,1,2-Tetrachloroethane	0.0187	0.0020	mg/Kg wet	0.0200		93.5	70-130			
1,1,2,2-Tetrachloroethane	0.0179	0.0010	mg/Kg wet	0.0200		89.4	70-130			
Tetrachloroethylene	0.0192	0.0020	mg/Kg wet	0.0200		95.8	70-130			
Tetrahydrofuran	0.0158	0.010	mg/Kg wet	0.0200		79.2	70-130			V-16
Toluene	0.0172	0.0020	mg/Kg wet	0.0200		86.0	70-130			
1,2,3-Trichlorobenzene	0.0195	0.0020	mg/Kg wet	0.0200		97.3	70-130			
1,2,4-Trichlorobenzene	0.0186	0.0020	mg/Kg wet	0.0200		93.0	70-130			
1,3,5-Trichlorobenzene	0.0181	0.0020	mg/Kg wet	0.0200		90.7	70-130			
1,1,1-Trichloroethane	0.0184	0.0020	mg/Kg wet	0.0200		92.0	70-130			
1,1,2-Trichloroethane	0.0179	0.0020	mg/Kg wet	0.0200		89.6	70-130			
Trichloroethylene	0.0178	0.0020	mg/Kg wet	0.0200		88.9	70-130			
Trichlorofluoromethane (Freon 11)	0.0148	0.010	mg/Kg wet	0.0200		73.9	70-130			
1,2,3-Trichloropropane	0.0175	0.0020	mg/Kg wet	0.0200		87.3	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0169	0.010	mg/Kg wet	0.0200		84.6	70-130			
1,2,4-Trimethylbenzene	0.0188	0.0020	mg/Kg wet	0.0200		94.0	70-130			
1,3,5-Trimethylbenzene	0.0191	0.0020	mg/Kg wet	0.0200		95.3	70-130			
Vinyl Chloride	0.0113	0.010	mg/Kg wet	0.0200		56.6	40-130			†
m+p Xylene	0.0380	0.0040	mg/Kg wet	0.0400		95.0	70-130			
o-Xylene	0.0188	0.0020	mg/Kg wet	0.0200		94.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0524		mg/Kg wet	0.0500		105	70-130			
Surrogate: Toluene-d8	0.0519		mg/Kg wet	0.0500		104	70-130			
Surrogate: 4-Bromofluorobenzene	0.0512		mg/Kg wet	0.0500		102	70-130			

LCS Dup (B063213-BS1)

Prepared & Analyzed: 11/20/12

Acetone	0.175	0.10	mg/Kg wet	0.200		87.7	70-160	14.0	25	†
Acrylonitrile	0.0176	0.0060	mg/Kg wet	0.0200		88.1	70-130	7.91	25	V-16
tert-Amyl Methyl Ether (TAME)	0.0197	0.0010	mg/Kg wet	0.0200		98.5	70-130	9.24	25	
Benzene	0.0189	0.0020	mg/Kg wet	0.0200		94.3	70-130	5.78	25	
Bromobenzene	0.0199	0.0020	mg/Kg wet	0.0200		99.4	70-130	6.55	25	
Bromochloromethane	0.0195	0.0020	mg/Kg wet	0.0200		97.6	70-130	7.99	25	
Bromodichloromethane	0.0191	0.0020	mg/Kg wet	0.0200		95.6	70-130	10.7	25	
Bromoform	0.0190	0.0020	mg/Kg wet	0.0200		95.1	70-130	4.63	25	
Bromomethane	0.0166	0.010	mg/Kg wet	0.0200		82.8	40-130	15.5	25	†
2-Butanone (MEK)	0.170	0.040	mg/Kg wet	0.200		85.1	70-160	12.8	25	†
tert-Butyl Alcohol (TBA)	0.185	0.040	mg/Kg wet	0.200		92.6	40-130	16.7	25	V-16 †
n-Butylbenzene	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130	8.27	25	
sec-Butylbenzene	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130	6.90	25	
tert-Butylbenzene	0.0203	0.0020	mg/Kg wet	0.0200		102	70-160	6.93	25	†

QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B063213 - SW-846 5035										
LCS Dup (B063213-BSD1)				Prepared & Analyzed: 11/20/12						
tert-Butyl Ethyl Ether (TBEE)	0.0197	0.0010	mg/Kg wet	0.0200		98.6	70-130	11.5	25	
Carbon Disulfide	0.0153	0.0060	mg/Kg wet	0.0200		76.3	70-130	4.69	25	
Carbon Tetrachloride	0.0194	0.0020	mg/Kg wet	0.0200		96.9	70-130	5.08	25	
Chlorobenzene	0.0187	0.0020	mg/Kg wet	0.0200		93.7	70-130	7.42	25	
Chlorodibromomethane	0.0187	0.0010	mg/Kg wet	0.0200		93.6	70-130	4.48	25	
Chloroethane	0.0161	0.020	mg/Kg wet	0.0200		80.5	70-130	10.0	25	
Chloroform	0.0195	0.0040	mg/Kg wet	0.0200		97.5	70-130	5.59	25	
Chloromethane	0.0119	0.010	mg/Kg wet	0.0200		59.6	* 70-130	6.94	25	L-04, V-05
2-Chlorotoluene	0.0196	0.0020	mg/Kg wet	0.0200		98.0	70-130	7.30	25	
4-Chlorotoluene	0.0200	0.0020	mg/Kg wet	0.0200		100	70-130	5.12	25	
1,2-Dibromo-3-chloropropane (DBCP)	0.0192	0.0020	mg/Kg wet	0.0200		96.0	70-130	8.02	25	V-16
1,2-Dibromoethane (EDB)	0.0196	0.0010	mg/Kg wet	0.0200		98.0	70-130	8.18	25	
Dibromomethane	0.0196	0.0020	mg/Kg wet	0.0200		98.2	70-130	6.95	25	
1,2-Dichlorobenzene	0.0197	0.0020	mg/Kg wet	0.0200		98.4	70-130	7.16	25	
1,3-Dichlorobenzene	0.0198	0.0020	mg/Kg wet	0.0200		98.8	70-130	7.24	25	
1,4-Dichlorobenzene	0.0197	0.0020	mg/Kg wet	0.0200		98.5	70-130	5.10	25	
trans-1,4-Dichloro-2-butene	0.0177	0.0040	mg/Kg wet	0.0200		88.6	70-130	9.83	25	
Dichlorodifluoromethane (Freon 12)	0.00642	0.020	mg/Kg wet	0.0200		32.1	* 40-160	11.5	25	L-04, V-05 †
1,1-Dichloroethane	0.0192	0.0020	mg/Kg wet	0.0200		95.8	70-130	9.17	25	
1,2-Dichloroethane	0.0200	0.0020	mg/Kg wet	0.0200		100	70-130	10.5	25	
1,1-Dichloroethylene	0.0172	0.0040	mg/Kg wet	0.0200		85.9	70-130	9.77	25	
cis-1,2-Dichloroethylene	0.0186	0.0020	mg/Kg wet	0.0200		93.0	70-130	8.52	25	
trans-1,2-Dichloroethylene	0.0186	0.0020	mg/Kg wet	0.0200		93.0	70-130	8.05	25	
1,2-Dichloropropane	0.0184	0.0020	mg/Kg wet	0.0200		92.1	70-130	2.75	25	
1,3-Dichloropropane	0.0192	0.0010	mg/Kg wet	0.0200		96.0	70-130	6.67	25	
2,2-Dichloropropane	0.0187	0.0020	mg/Kg wet	0.0200		93.7	70-130	7.07	25	
1,1-Dichloropropene	0.0194	0.0020	mg/Kg wet	0.0200		97.1	70-130	8.59	25	
cis-1,3-Dichloropropene	0.0188	0.0010	mg/Kg wet	0.0200		94.2	70-130	7.03	25	
trans-1,3-Dichloropropene	0.0200	0.0010	mg/Kg wet	0.0200		99.9	70-130	7.05	25	
Diethyl Ether	0.0173	0.020	mg/Kg wet	0.0200		86.5	70-130	9.19	25	
Diisopropyl Ether (DIPE)	0.0194	0.0010	mg/Kg wet	0.0200		97.0	70-130	7.93	25	
1,4-Dioxane	0.190	0.10	mg/Kg wet	0.200		94.9	40-160	14.8	50	V-16 † ‡
Ethylbenzene	0.0199	0.0020	mg/Kg wet	0.0200		99.7	70-130	6.85	25	
Hexachlorobutadiene	0.0216	0.0020	mg/Kg wet	0.0200		108	70-160	10.3	25	
2-Hexanone (MBK)	0.183	0.020	mg/Kg wet	0.200		91.6	70-160	11.4	25	†
Isopropylbenzene (Cumene)	0.0198	0.0020	mg/Kg wet	0.0200		99.2	70-130	6.99	25	
p-Isopropyltoluene (p-Cymene)	0.0211	0.0020	mg/Kg wet	0.0200		105	70-130	6.77	25	
Methyl tert-Butyl Ether (MTBE)	0.0213	0.0040	mg/Kg wet	0.0200		107	70-130	6.98	25	
Methylene Chloride	0.0180	0.020	mg/Kg wet	0.0200		89.9	40-160	9.80	25	†
4-Methyl-2-pentanone (MIBK)	0.183	0.020	mg/Kg wet	0.200		91.6	70-160	9.38	25	†
Naphthalene	0.0182	0.0040	mg/Kg wet	0.0200		91.1	40-130	9.06	25	†
n-Propylbenzene	0.0195	0.0020	mg/Kg wet	0.0200		97.5	70-130	5.91	25	
Styrene	0.0199	0.0020	mg/Kg wet	0.0200		99.6	70-130	7.18	25	
1,1,1,2-Tetrachloroethane	0.0201	0.0020	mg/Kg wet	0.0200		101	70-130	7.32	25	
1,1,2,2-Tetrachloroethane	0.0195	0.0010	mg/Kg wet	0.0200		97.6	70-130	8.77	25	
Tetrachloroethylene	0.0201	0.0020	mg/Kg wet	0.0200		101	70-130	4.99	25	
Tetrahydrofuran	0.0161	0.010	mg/Kg wet	0.0200		80.6	70-130	1.75	25	V-16
Toluene	0.0186	0.0020	mg/Kg wet	0.0200		93.2	70-130	8.04	25	
1,2,3-Trichlorobenzene	0.0216	0.0020	mg/Kg wet	0.0200		108	70-130	10.6	25	
1,2,4-Trichlorobenzene	0.0200	0.0020	mg/Kg wet	0.0200		100	70-130	7.45	25	
1,3,5-Trichlorobenzene	0.0194	0.0020	mg/Kg wet	0.0200		97.1	70-130	6.82	25	
1,1,1-Trichloroethane	0.0199	0.0020	mg/Kg wet	0.0200		99.6	70-130	7.93	25	

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B063213 - SW-846 5035										
LCS Dup (B063213-BSD1)				Prepared & Analyzed: 11/20/12						
1,1,2-Trichloroethane	0.0182	0.0020	mg/Kg wet	0.0200		91.1	70-130	1.66	25	
Trichloroethylene	0.0194	0.0020	mg/Kg wet	0.0200		97.1	70-130	8.82	25	
Trichlorofluoromethane (Freon 11)	0.0158	0.010	mg/Kg wet	0.0200		78.9	70-130	6.54	25	
1,2,3-Trichloropropane	0.0195	0.0020	mg/Kg wet	0.0200		97.6	70-130	11.1	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0184	0.010	mg/Kg wet	0.0200		92.2	70-130	8.60	25	
1,2,4-Trimethylbenzene	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130	8.07	25	
1,3,5-Trimethylbenzene	0.0201	0.0020	mg/Kg wet	0.0200		100	70-130	5.31	25	
Vinyl Chloride	0.0120	0.010	mg/Kg wet	0.0200		60.0	40-130	5.83	25	†
m+p Xylene	0.0403	0.0040	mg/Kg wet	0.0400		101	70-130	5.92	25	
o-Xylene	0.0199	0.0020	mg/Kg wet	0.0200		99.3	70-130	5.27	25	
Surrogate: 1,2-Dichloroethane-d4	0.0533		mg/Kg wet	0.0500		107	70-130			
Surrogate: Toluene-d8	0.0520		mg/Kg wet	0.0500		104	70-130			
Surrogate: 4-Bromofluorobenzene	0.0505		mg/Kg wet	0.0500		101	70-130			
Matrix Spike (B063213-MS1)				Source: 12K0685-01		Prepared & Analyzed: 11/20/12				
Acetone	0.527	0.12	mg/Kg dry	0.231	ND	228 *	70-130			MS-14
Acrylonitrile	0.0192	0.0069	mg/Kg dry	0.0231	ND	82.8	70-130			V-16
tert-Amyl Methyl Ether (TAME)	0.0210	0.0012	mg/Kg dry	0.0231	ND	90.9	70-130			
Benzene	0.0204	0.0023	mg/Kg dry	0.0231	ND	88.2	70-130			
Bromobenzene	0.0201	0.0023	mg/Kg dry	0.0231	ND	86.7	70-130			
Bromochloromethane	0.0209	0.0023	mg/Kg dry	0.0231	ND	90.3	70-130			
Bromodichloromethane	0.0201	0.0023	mg/Kg dry	0.0231	ND	86.9	70-130			
Bromoform	0.0200	0.0023	mg/Kg dry	0.0231	ND	86.6	70-130			
Bromomethane	0.0200	0.012	mg/Kg dry	0.0231	ND	86.5	70-130			
2-Butanone (MEK)	0.332	0.046	mg/Kg dry	0.231	ND	143 *	70-130			MS-14
tert-Butyl Alcohol (TBA)	0.192	0.046	mg/Kg dry	0.231	ND	82.8	70-130			V-16
n-Butylbenzene	0.0212	0.0023	mg/Kg dry	0.0231	ND	91.4	70-130			
sec-Butylbenzene	0.0212	0.0023	mg/Kg dry	0.0231	ND	91.5	70-130			
tert-Butylbenzene	0.0214	0.0023	mg/Kg dry	0.0231	ND	92.3	70-130			
tert-Butyl Ethyl Ether (TBEE)	0.0208	0.0012	mg/Kg dry	0.0231	ND	90.0	70-130			
Carbon Disulfide	0.0181	0.0069	mg/Kg dry	0.0231	ND	78.1	70-130			
Carbon Tetrachloride	0.0211	0.0023	mg/Kg dry	0.0231	ND	91.1	70-130			
Chlorobenzene	0.0194	0.0023	mg/Kg dry	0.0231	ND	83.6	70-130			
Chlorodibromomethane	0.0200	0.0012	mg/Kg dry	0.0231	ND	86.5	70-130			
Chloroethane	0.0196	0.023	mg/Kg dry	0.0231	ND	84.6	70-130			
Chloroform	0.0213	0.0046	mg/Kg dry	0.0231	ND	92.1	70-130			
Chloromethane	0.0170	0.012	mg/Kg dry	0.0231	ND	73.4	70-130			L-04, V-05
2-Chlorotoluene	0.0199	0.0023	mg/Kg dry	0.0231	ND	86.0	70-130			
4-Chlorotoluene	0.0210	0.0023	mg/Kg dry	0.0231	ND	90.7	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	0.0210	0.0023	mg/Kg dry	0.0231	ND	90.7	70-130			V-16
1,2-Dibromoethane (EDB)	0.0213	0.0012	mg/Kg dry	0.0231	ND	91.8	70-130			
Dibromomethane	0.0217	0.0023	mg/Kg dry	0.0231	ND	93.6	70-130			
1,2-Dichlorobenzene	0.0201	0.0023	mg/Kg dry	0.0231	ND	87.0	70-130			
1,3-Dichlorobenzene	0.0201	0.0023	mg/Kg dry	0.0231	ND	86.7	70-130			
1,4-Dichlorobenzene	0.0206	0.0023	mg/Kg dry	0.0231	ND	89.1	70-130			
trans-1,4-Dichloro-2-butene	0.0188	0.0046	mg/Kg dry	0.0231	ND	81.3	70-130			
Dichlorodifluoromethane (Freon 12)	0.0132	0.023	mg/Kg dry	0.0231	ND	57.1 *	70-130			L-04, MS-08, V-05
1,1-Dichloroethane	0.0206	0.0023	mg/Kg dry	0.0231	ND	89.2	70-130			
1,2-Dichloroethane	0.0218	0.0023	mg/Kg dry	0.0231	ND	94.2	70-130			
1,1-Dichloroethylene	0.0191	0.0046	mg/Kg dry	0.0231	ND	82.5	70-130			
cis-1,2-Dichloroethylene	0.0197	0.0023	mg/Kg dry	0.0231	ND	84.9	70-130			

QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B063213 - SW-846 5035										
Matrix Spike (B063213-MS1)	Source: 12K0685-01			Prepared & Analyzed: 11/20/12						
trans-1,2-Dichloroethylene	0.0198	0.0023	mg/Kg dry	0.0231	ND	85.6	70-130			
1,2-Dichloropropane	0.0201	0.0023	mg/Kg dry	0.0231	ND	86.7	70-130			
1,3-Dichloropropane	0.0213	0.0012	mg/Kg dry	0.0231	ND	92.2	70-130			
2,2-Dichloropropane	0.0206	0.0023	mg/Kg dry	0.0231	ND	89.1	70-130			
1,1-Dichloropropene	0.0201	0.0023	mg/Kg dry	0.0231	ND	86.9	70-130			
cis-1,3-Dichloropropene	0.0203	0.0012	mg/Kg dry	0.0231	ND	87.5	70-130			
trans-1,3-Dichloropropene	0.0216	0.0012	mg/Kg dry	0.0231	ND	93.3	70-130			
Diethyl Ether	0.0201	0.023	mg/Kg dry	0.0231	ND	86.7	70-130			
Diisopropyl Ether (DIPE)	0.0206	0.0012	mg/Kg dry	0.0231	ND	89.1	70-130			
1,4-Dioxane	0.202	0.12	mg/Kg dry	0.231	ND	87.1	70-130			V-16
Ethylbenzene	0.0209	0.0023	mg/Kg dry	0.0231	ND	90.1	70-130			
Hexachlorobutadiene	0.0206	0.0023	mg/Kg dry	0.0231	ND	89.1	70-130			
2-Hexanone (MBK)	0.308	0.023	mg/Kg dry	0.231	ND	133	* 70-130			MS-14
Isopropylbenzene (Cumene)	0.0207	0.0023	mg/Kg dry	0.0231	ND	89.5	70-130			
p-Isopropyltoluene (p-Cymene)	0.0219	0.0023	mg/Kg dry	0.0231	ND	94.4	70-130			
Methyl tert-Butyl Ether (MTBE)	0.0239	0.0046	mg/Kg dry	0.0231	ND	103	70-130			
Methylene Chloride	0.0250	0.023	mg/Kg dry	0.0231	ND	108	70-130			
4-Methyl-2-pentanone (MIBK)	0.222	0.023	mg/Kg dry	0.231	ND	95.9	70-130			
Naphthalene	0.0179	0.0046	mg/Kg dry	0.0231	ND	77.3	70-130			
n-Propylbenzene	0.0204	0.0023	mg/Kg dry	0.0231	ND	88.2	70-130			
Styrene	0.0206	0.0023	mg/Kg dry	0.0231	ND	88.8	70-130			
1,1,1,2-Tetrachloroethane	0.0209	0.0023	mg/Kg dry	0.0231	ND	90.1	70-130			
1,1,2,2-Tetrachloroethane	0.0211	0.0012	mg/Kg dry	0.0231	ND	91.0	70-130			
Tetrachloroethylene	0.0213	0.0023	mg/Kg dry	0.0231	ND	91.9	70-130			
Tetrahydrofuran	0.0194	0.012	mg/Kg dry	0.0231	ND	83.8	70-130			V-16
Toluene	0.0197	0.0023	mg/Kg dry	0.0231	ND	85.0	70-130			
1,2,3-Trichlorobenzene	0.0203	0.0023	mg/Kg dry	0.0231	ND	87.7	70-130			
1,2,4-Trichlorobenzene	0.0197	0.0023	mg/Kg dry	0.0231	ND	84.9	70-130			
1,3,5-Trichlorobenzene	0.0196	0.0023	mg/Kg dry	0.0231	ND	84.7	70-130			
1,1,1-Trichloroethane	0.0211	0.0023	mg/Kg dry	0.0231	ND	91.0	70-130			
1,1,2-Trichloroethane	0.0206	0.0023	mg/Kg dry	0.0231	ND	89.0	70-130			
Trichloroethylene	0.0213	0.0023	mg/Kg dry	0.0231	ND	92.0	70-130			
Trichlorofluoromethane (Freon 11)	0.0194	0.012	mg/Kg dry	0.0231	ND	83.7	70-130			
1,2,3-Trichloropropane	0.0216	0.0023	mg/Kg dry	0.0231	ND	93.2	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0210	0.012	mg/Kg dry	0.0231	ND	90.9	70-130			
1,2,4-Trimethylbenzene	0.0211	0.0023	mg/Kg dry	0.0231	ND	91.3	70-130			
1,3,5-Trimethylbenzene	0.0210	0.0023	mg/Kg dry	0.0231	ND	90.9	70-130			
Vinyl Chloride	0.0162	0.012	mg/Kg dry	0.0231	ND	70.1	70-130			
m+p Xylene	0.0423	0.0046	mg/Kg dry	0.0463	ND	91.4	70-130			
o-Xylene	0.0207	0.0023	mg/Kg dry	0.0231	ND	89.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0635		mg/Kg dry	0.0579		110	70-130			
Surrogate: Toluene-d8	0.0603		mg/Kg dry	0.0579		104	70-130			
Surrogate: 4-Bromofluorobenzene	0.0588		mg/Kg dry	0.0579		102	70-130			

QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B063312 - SW-846 5030B
Blank (B063312-BLK1)

Prepared & Analyzed: 11/21/12

Benzene	ND	1.0	µg/L							
Bromodichloromethane	ND	2.0	µg/L							
Bromoform	ND	2.0	µg/L							
Bromomethane	ND	2.0	µg/L							
Carbon Tetrachloride	ND	2.0	µg/L							
Chlorobenzene	ND	2.0	µg/L							
Chlorodibromomethane	ND	2.0	µg/L							
Chloroethane	ND	2.0	µg/L							
2-Chloroethyl Vinyl Ether	ND	10	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
1,2-Dichlorobenzene	ND	2.0	µg/L							
1,3-Dichlorobenzene	ND	2.0	µg/L							
1,4-Dichlorobenzene	ND	2.0	µg/L							
1,2-Dichloroethane	ND	2.0	µg/L							
1,1-Dichloroethane	ND	2.0	µg/L							
1,1-Dichloroethylene	ND	2.0	µg/L							
trans-1,2-Dichloroethylene	ND	2.0	µg/L							
1,2-Dichloropropane	ND	2.0	µg/L							
cis-1,3-Dichloropropene	ND	2.0	µg/L							
trans-1,3-Dichloropropene	ND	2.0	µg/L							
Ethylbenzene	ND	2.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	2.0	µg/L							
Methylene Chloride	ND	5.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	2.0	µg/L							
Tetrachloroethylene	ND	2.0	µg/L							
Toluene	ND	1.0	µg/L							
1,1,1-Trichloroethane	ND	2.0	µg/L							
1,1,2-Trichloroethane	ND	2.0	µg/L							
Trichloroethylene	ND	2.0	µg/L							
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L							
Vinyl Chloride	ND	2.0	µg/L							
m+p Xylene	ND	2.0	µg/L							
o-Xylene	ND	2.0	µg/L							
Surrogate: 1,2-Dichloroethane-d4	26.8		µg/L	25.0		107	70-130			
Surrogate: Toluene-d8	24.5		µg/L	25.0		98.0	70-130			
Surrogate: 4-Bromofluorobenzene	24.8		µg/L	25.0		99.0	70-130			

LCS (B063312-BS1)

Prepared & Analyzed: 11/21/12

Benzene	9.64	1.0	µg/L	10.0		96.4	37-151			
Bromodichloromethane	8.61	2.0	µg/L	10.0		86.1	35-155			
Bromoform	8.13	2.0	µg/L	10.0		81.3	45-169			
Bromomethane	9.93	2.0	µg/L	10.0		99.3	20-242			
Carbon Tetrachloride	9.70	2.0	µg/L	10.0		97.0	70-140			
Chlorobenzene	10.5	2.0	µg/L	10.0		105	37-160			
Chlorodibromomethane	8.57	2.0	µg/L	10.0		85.7	53-149			
Chloroethane	9.70	2.0	µg/L	10.0		97.0	70-130			
2-Chloroethyl Vinyl Ether	107	10	µg/L	100		107	10-305			
Chloroform	10.9	2.0	µg/L	10.0		109	51-138			
Chloromethane	8.79	2.0	µg/L	10.0		87.9	20-273			
1,2-Dichlorobenzene	10.7	2.0	µg/L	10.0		107	18-190			
1,3-Dichlorobenzene	10.6	2.0	µg/L	10.0		106	59-156			

QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B063312 - SW-846 5030B										
LCS (B063312-BS1)				Prepared & Analyzed: 11/21/12						
1,4-Dichlorobenzene	10.7	2.0	µg/L	10.0		107	18-190			
1,2-Dichloroethane	11.6	2.0	µg/L	10.0		116	49-155			
1,1-Dichloroethane	10.2	2.0	µg/L	10.0		102	59-155			
1,1-Dichloroethylene	10.8	2.0	µg/L	10.0		108	20-234			
trans-1,2-Dichloroethylene	11.4	2.0	µg/L	10.0		114	54-156			
1,2-Dichloropropane	9.45	2.0	µg/L	10.0		94.5	20-210			
cis-1,3-Dichloropropene	8.42	2.0	µg/L	10.0		84.2	20-227			
trans-1,3-Dichloropropene	8.60	2.0	µg/L	10.0		86.0	17-183			
Ethylbenzene	10.7	2.0	µg/L	10.0		107	37-162			
Methyl tert-Butyl Ether (MTBE)	10.6	2.0	µg/L	10.0		106	70-130			
Methylene Chloride	12.1	5.0	µg/L	10.0		121	50-221			
1,1,2,2-Tetrachloroethane	10.1	2.0	µg/L	10.0		101	46-157			
Tetrachloroethylene	11.4	2.0	µg/L	10.0		114	64-148			
Toluene	10.5	1.0	µg/L	10.0		105	47-150			
1,1,1-Trichloroethane	11.2	2.0	µg/L	10.0		112	52-162			
1,1,2-Trichloroethane	10.5	2.0	µg/L	10.0		105	52-150			
Trichloroethylene	11.0	2.0	µg/L	10.0		110	71-157			
Trichlorofluoromethane (Freon 11)	11.6	2.0	µg/L	10.0		116	17-181			
Vinyl Chloride	9.73	2.0	µg/L	10.0		97.3	20-251			
m+p Xylene	22.5	2.0	µg/L	20.0		112	70-130			
o-Xylene	11.1	2.0	µg/L	10.0		111	70-130			
Surrogate: 1,2-Dichloroethane-d4	26.7		µg/L	25.0		107	70-130			
Surrogate: Toluene-d8	24.6		µg/L	25.0		98.3	70-130			
Surrogate: 4-Bromofluorobenzene	25.7		µg/L	25.0		103	70-130			

QUALITY CONTROL
Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B063189 - SW-846 3510C										
Blank (B063189-BLK1)				Prepared: 11/20/12 Analyzed: 11/21/12						
Acenaphthene	ND	5.0	µg/L							
Acenaphthylene	ND	5.0	µg/L							
Acetophenone	ND	10	µg/L							R-05
Aniline	ND	5.0	µg/L							
Anthracene	ND	5.0	µg/L							
Benzdine	ND	10	µg/L							R-05
Benzo(a)anthracene	ND	5.0	µg/L							
Benzo(a)pyrene	ND	5.0	µg/L							R-05
Benzo(b)fluoranthene	ND	5.0	µg/L							R-05
Benzo(g,h,i)perylene	ND	5.0	µg/L							R-05
Benzo(k)fluoranthene	ND	5.0	µg/L							R-05
Benzoic Acid	ND	10	µg/L							
Bis(2-chloroethoxy)methane	ND	10	µg/L							
Bis(2-chloroethyl)ether	ND	10	µg/L							R-05
Bis(2-chloroisopropyl)ether	ND	10	µg/L							R-05
Bis(2-Ethylhexyl)phthalate	ND	10	µg/L							
4-Bromophenylphenylether	ND	10	µg/L							
Butylbenzylphthalate	ND	10	µg/L							
Carbazole	ND	10	µg/L							R-05
4-Chloroaniline	ND	10	µg/L							R-05
4-Chloro-3-methylphenol	ND	10	µg/L							R-05
2-Chloronaphthalene	ND	10	µg/L							
2-Chlorophenol	ND	10	µg/L							R-05
4-Chlorophenylphenylether	ND	10	µg/L							
Chrysene	ND	5.0	µg/L							
Dibenz(a,h)anthracene	ND	5.0	µg/L							R-05, V-20
Dibenzofuran	ND	5.0	µg/L							
Di-n-butylphthalate	ND	10	µg/L							R-05
1,2-Dichlorobenzene	ND	5.0	µg/L							
1,3-Dichlorobenzene	ND	5.0	µg/L							
1,4-Dichlorobenzene	ND	5.0	µg/L							
3,3-Dichlorobenzidine	ND	10	µg/L							
2,4-Dichlorophenol	ND	10	µg/L							
Diethylphthalate	ND	10	µg/L							R-05
2,4-Dimethylphenol	ND	10	µg/L							R-05
Dimethylphthalate	ND	10	µg/L							
4,6-Dinitro-2-methylphenol	ND	10	µg/L							V-04
2,4-Dinitrophenol	ND	10	µg/L							V-04
2,4-Dinitrotoluene	ND	10	µg/L							R-05
2,6-Dinitrotoluene	ND	10	µg/L							
Di-n-octylphthalate	ND	10	µg/L							R-05
1,2-Diphenylhydrazine (as Azobenzene)	ND	10	µg/L							
Fluoranthene	ND	5.0	µg/L							R-05
Fluorene	ND	5.0	µg/L							
Hexachlorobenzene	ND	10	µg/L							
Hexachlorobutadiene	ND	10	µg/L							
Hexachlorocyclopentadiene	ND	10	µg/L							
Hexachloroethane	ND	10	µg/L							
Indeno(1,2,3-cd)pyrene	ND	5.0	µg/L							V-20
Isophorone	ND	10	µg/L							R-05
1-Methylnaphthalene	ND	5.0	µg/L							R-05
2-Methylnaphthalene	ND	5.0	µg/L							R-05

QUALITY CONTROL
Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B063189 - SW-846 3510C
Blank (B063189-BLK1)

Prepared: 11/20/12 Analyzed: 11/21/12

2-Methylphenol	ND	10	µg/L							R-05
3/4-Methylphenol	ND	10	µg/L							R-05
Naphthalene	ND	5.0	µg/L							
2-Nitroaniline	ND	10	µg/L							
3-Nitroaniline	ND	10	µg/L							
4-Nitroaniline	ND	10	µg/L							R-05
Nitrobenzene	ND	10	µg/L							
2-Nitrophenol	ND	10	µg/L							
4-Nitrophenol	ND	10	µg/L							
N-Nitrosodimethylamine	ND	5.0	µg/L							
N-Nitrosodiphenylamine	ND	10	µg/L							
N-Nitrosodi-n-propylamine	ND	10	µg/L							R-05
Pentachloronitrobenzene	ND	10	µg/L							V-16
Pentachlorophenol	ND	10	µg/L							
Phenanthrene	ND	5.0	µg/L							
Phenol	ND	10	µg/L							R-05
Pyrene	ND	5.0	µg/L							R-05
Pyridine	ND	5.0	µg/L							
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L							
1,2,4-Trichlorobenzene	ND	5.0	µg/L							
2,4,5-Trichlorophenol	ND	10	µg/L							
2,4,6-Trichlorophenol	ND	10	µg/L							
Surrogate: 2-Fluorophenol	92.7		µg/L	200		46.4	15-110			
Surrogate: Phenol-d6	58.0		µg/L	200		29.0	15-110			
Surrogate: Nitrobenzene-d5	64.5		µg/L	100		64.5	30-130			
Surrogate: 2-Fluorobiphenyl	63.2		µg/L	100		63.2	30-130			
Surrogate: 2,4,6-Tribromophenol	175		µg/L	200		87.4	15-110			
Surrogate: Terphenyl-d14	97.2		µg/L	100		97.2	30-130			

LCS (B063189-BS1)

Prepared: 11/20/12 Analyzed: 11/21/12

Acenaphthene	34.9	5.0	µg/L	50.0		69.9	40-140			
Acenaphthylene	35.0	5.0	µg/L	50.0		70.1	40-140			
Acetophenone	35.2	10	µg/L	50.0		70.4	40-140			R-05
Aniline	22.6	5.0	µg/L	50.0		45.2	40-140			
Anthracene	37.2	5.0	µg/L	50.0		74.3	40-140			
Benzidine	10.6	10	µg/L	50.0		21.3 *	40-140			L-07A
Benzo(a)anthracene	36.2	5.0	µg/L	50.0		72.4	40-140			
Benzo(a)pyrene	37.1	5.0	µg/L	50.0		74.3	40-140			R-05
Benzo(b)fluoranthene	35.3	5.0	µg/L	50.0		70.5	40-140			R-05
Benzo(g,h,i)perylene	45.2	5.0	µg/L	50.0		90.4	40-140			R-05
Benzo(k)fluoranthene	37.2	5.0	µg/L	50.0		74.3	40-140			R-05
Benzoic Acid	15.4	10	µg/L	50.0		30.8	10-130			†
Bis(2-chloroethoxy)methane	38.1	10	µg/L	50.0		76.2	40-140			
Bis(2-chloroethyl)ether	36.9	10	µg/L	50.0		73.8	40-140			R-05
Bis(2-chloroisopropyl)ether	34.9	10	µg/L	50.0		69.8	40-140			R-05
Bis(2-Ethylhexyl)phthalate	42.1	10	µg/L	50.0		84.2	40-140			
4-Bromophenylphenylether	33.3	10	µg/L	50.0		66.6	40-140			
Butylbenzylphthalate	41.3	10	µg/L	50.0		82.7	40-140			
Carbazole	39.6	10	µg/L	50.0		79.2	40-140			R-05
4-Chloroaniline	38.1	10	µg/L	50.0		76.3	40-140			R-05
4-Chloro-3-methylphenol	43.2	10	µg/L	50.0		86.4	30-130			R-05
2-Chloronaphthalene	28.4	10	µg/L	50.0		56.7	40-140			

QUALITY CONTROL
Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B063189 - SW-846 3510C										
LCS (B063189-BS1)				Prepared: 11/20/12 Analyzed: 11/21/12						
2-Chlorophenol	33.2	10	µg/L	50.0		66.5	30-130			R-05
4-Chlorophenylphenylether	38.8	10	µg/L	50.0		77.6	40-140			
Chrysene	36.2	5.0	µg/L	50.0		72.5	40-140			
Dibenz(a,h)anthracene	44.3	5.0	µg/L	50.0		88.6	40-140			V-06, R-05
Dibenzofuran	36.0	5.0	µg/L	50.0		72.1	40-140			
Di-n-butylphthalate	41.0	10	µg/L	50.0		82.0	40-140			R-05
1,2-Dichlorobenzene	29.8	5.0	µg/L	50.0		59.6	40-140			
1,3-Dichlorobenzene	28.6	5.0	µg/L	50.0		57.3	40-140			
1,4-Dichlorobenzene	29.3	5.0	µg/L	50.0		58.5	40-140			
3,3-Dichlorobenzidine	39.2	10	µg/L	50.0		78.5	40-140			
2,4-Dichlorophenol	36.6	10	µg/L	50.0		73.1	30-130			
Diethylphthalate	44.0	10	µg/L	50.0		88.0	40-140			R-05
2,4-Dimethylphenol	36.3	10	µg/L	50.0		72.7	30-130			R-05
Dimethylphthalate	40.8	10	µg/L	50.0		81.5	40-140			
4,6-Dinitro-2-methylphenol	33.1	10	µg/L	50.0		66.3	30-130			V-04
2,4-Dinitrophenol	34.8	10	µg/L	50.0		69.7	30-130			V-04
2,4-Dinitrotoluene	48.5	10	µg/L	50.0		97.1	40-140			R-05
2,6-Dinitrotoluene	45.2	10	µg/L	50.0		90.3	40-140			
Di-n-octylphthalate	34.6	10	µg/L	50.0		69.2	40-140			R-05
1,2-Diphenylhydrazine (as Azobenzene)	33.8	10	µg/L	50.0		67.6	40-140			
Fluoranthene	36.8	5.0	µg/L	50.0		73.5	40-140			R-05
Fluorene	39.0	5.0	µg/L	50.0		78.0	40-140			
Hexachlorobenzene	33.9	10	µg/L	50.0		67.9	40-140			
Hexachlorobutadiene	29.0	10	µg/L	50.0		57.9	40-140			
Hexachlorocyclopentadiene	22.3	10	µg/L	50.0		44.7	30-140			†
Hexachloroethane	28.1	10	µg/L	50.0		56.2	40-140			
Indeno(1,2,3-cd)pyrene	43.9	5.0	µg/L	50.0		87.9	40-140			V-06
Isophorone	39.8	10	µg/L	50.0		79.6	40-140			R-05
1-Methylnaphthalene	35.9	5.0	µg/L	50.0		71.7	40-140			R-05
2-Methylnaphthalene	34.8	5.0	µg/L	50.0		69.6	40-140			R-05
2-Methylphenol	34.5	10	µg/L	50.0		68.9	30-130			R-05
3/4-Methylphenol	32.4	10	µg/L	50.0		64.8	30-130			R-05
Naphthalene	31.9	5.0	µg/L	50.0		63.9	40-140			
2-Nitroaniline	44.0	10	µg/L	50.0		87.9	40-140			
3-Nitroaniline	46.6	10	µg/L	50.0		93.2	40-140			
4-Nitroaniline	44.3	10	µg/L	50.0		88.6	40-140			R-05
Nitrobenzene	34.0	10	µg/L	50.0		68.0	40-140			
2-Nitrophenol	32.2	10	µg/L	50.0		64.5	30-130			
4-Nitrophenol	26.6	10	µg/L	50.0		53.1	10-130			†
N-Nitrosodimethylamine	20.1	5.0	µg/L	50.0		40.1	40-140			
N-Nitrosodiphenylamine	47.6	10	µg/L	50.0		95.3	40-140			
N-Nitrosodi-n-propylamine	38.3	10	µg/L	50.0		76.7	40-140			R-05
Pentachloronitrobenzene	37.9	10	µg/L	50.0		75.7	40-140			V-16
Pentachlorophenol	38.6	10	µg/L	50.0		77.3	30-130			
Phenanthrene	36.3	5.0	µg/L	50.0		72.6	40-140			
Phenol	18.3	10	µg/L	50.0		36.7	20-130			R-05 †
Pyrene	50.6	5.0	µg/L	50.0		101	40-140			R-05
Pyridine	7.78	5.0	µg/L	50.0		15.6	10-140			†
1,2,4,5-Tetrachlorobenzene	27.5	10	µg/L	50.0		54.9	40-140			
1,2,4-Trichlorobenzene	31.1	5.0	µg/L	50.0		62.3	40-140			
2,4,5-Trichlorophenol	37.0	10	µg/L	50.0		74.1	30-130			
2,4,6-Trichlorophenol	34.6	10	µg/L	50.0		69.3	30-130			

QUALITY CONTROL
Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B063189 - SW-846 3510C
LCS (B063189-BS1)

Prepared: 11/20/12 Analyzed: 11/21/12

Surrogate: 2-Fluorophenol	104		µg/L	200		52.1	15-110			
Surrogate: Phenol-d6	74.4		µg/L	200		37.2	15-110			
Surrogate: Nitrobenzene-d5	66.0		µg/L	100		66.0	30-130			
Surrogate: 2-Fluorobiphenyl	59.4		µg/L	100		59.4	30-130			
Surrogate: 2,4,6-Tribromophenol	211		µg/L	200		105	15-110			
Surrogate: Terphenyl-d14	101		µg/L	100		101	30-130			

LCS Dup (B063189-BSD1)

Prepared: 11/20/12 Analyzed: 11/21/12

Acenaphthene	30.0	5.0	µg/L	50.0		60.0	40-140	15.2	20	
Acenaphthylene	30.0	5.0	µg/L	50.0		60.0	40-140	15.4	20	
Acetophenone	28.1	10	µg/L	50.0		56.2	40-140	22.6	*	20 R-05
Aniline	24.3	5.0	µg/L	50.0		48.5	40-140	7.08	50	‡
Anthracene	31.5	5.0	µg/L	50.0		63.0	40-140	16.4	20	
Benazidine	33.8	10	µg/L	50.0		67.5	40-140	104	*	20 R-05
Benzo(a)anthracene	31.0	5.0	µg/L	50.0		62.1	40-140	15.3	20	
Benzo(a)pyrene	30.1	5.0	µg/L	50.0		60.3	40-140	20.8	*	20 R-05
Benzo(b)fluoranthene	28.7	5.0	µg/L	50.0		57.3	40-140	20.7	*	20 R-05
Benzo(g,h,i)perylene	35.7	5.0	µg/L	50.0		71.4	40-140	23.5	*	20 R-05
Benzo(k)fluoranthene	30.0	5.0	µg/L	50.0		59.9	40-140	21.5	*	20 R-05
Benzoic Acid	11.7	10	µg/L	50.0		23.4	10-130	27.4	50	† ‡
Bis(2-chloroethoxy)methane	31.8	10	µg/L	50.0		63.5	40-140	18.1	20	
Bis(2-chloroethyl)ether	30.0	10	µg/L	50.0		59.9	40-140	20.8	*	20 R-05
Bis(2-chloroisopropyl)ether	28.4	10	µg/L	50.0		56.9	40-140	20.4	*	20 R-05
Bis(2-Ethylhexyl)phthalate	36.1	10	µg/L	50.0		72.3	40-140	15.3	20	
4-Bromophenylphenylether	30.0	10	µg/L	50.0		60.1	40-140	10.3	20	
Butylbenzylphthalate	34.4	10	µg/L	50.0		68.8	40-140	18.3	20	
Carbazole	29.9	10	µg/L	50.0		59.9	40-140	27.7	*	20 R-05
4-Chloroaniline	31.1	10	µg/L	50.0		62.1	40-140	20.4	*	20 R-05
4-Chloro-3-methylphenol	33.2	10	µg/L	50.0		66.3	30-130	26.3	*	20 R-05
2-Chloronaphthalene	25.1	10	µg/L	50.0		50.2	40-140	12.2	20	
2-Chlorophenol	27.1	10	µg/L	50.0		54.2	30-130	20.3	*	20 R-05
4-Chlorophenylphenylether	32.9	10	µg/L	50.0		65.8	40-140	16.4	20	
Chrysene	30.5	5.0	µg/L	50.0		61.1	40-140	17.0	20	
Dibenz(a,h)anthracene	35.4	5.0	µg/L	50.0		70.9	40-140	22.2	*	20 R-05, V-06
Dibenzofuran	30.1	5.0	µg/L	50.0		60.2	40-140	18.1	20	
Di-n-butylphthalate	31.7	10	µg/L	50.0		63.4	40-140	25.6	*	20 R-05
1,2-Dichlorobenzene	24.7	5.0	µg/L	50.0		49.4	40-140	18.7	20	
1,3-Dichlorobenzene	24.2	5.0	µg/L	50.0		48.3	40-140	17.0	20	
1,4-Dichlorobenzene	24.1	5.0	µg/L	50.0		48.2	40-140	19.5	20	
3,3-Dichlorobenzidine	39.0	10	µg/L	50.0		78.0	40-140	0.588	20	
2,4-Dichlorophenol	30.0	10	µg/L	50.0		59.9	30-130	19.8	20	
Diethylphthalate	35.8	10	µg/L	50.0		71.7	40-140	20.4	*	20 R-05
2,4-Dimethylphenol	29.7	10	µg/L	50.0		59.3	30-130	20.2	*	20 R-05
Dimethylphthalate	33.8	10	µg/L	50.0		67.7	40-140	18.5	50	‡
4,6-Dinitro-2-methylphenol	28.1	10	µg/L	50.0		56.3	30-130	16.3	50	V-04 ‡
2,4-Dinitrophenol	29.6	10	µg/L	50.0		59.3	30-130	16.2	50	V-04 ‡
2,4-Dinitrotoluene	37.8	10	µg/L	50.0		75.6	40-140	24.9	*	20 R-05
2,6-Dinitrotoluene	37.2	10	µg/L	50.0		74.4	40-140	19.3	20	
Di-n-octylphthalate	27.6	10	µg/L	50.0		55.3	40-140	22.4	*	20 R-05
1,2-Diphenylhydrazine (as Azobenzene)	31.1	10	µg/L	50.0		62.1	40-140	8.39	20	
Fluoranthene	27.6	5.0	µg/L	50.0		55.1	40-140	28.5	*	20 R-05
Fluorene	32.5	5.0	µg/L	50.0		65.1	40-140	18.1	20	

QUALITY CONTROL
Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B063189 - SW-846 3510C
LCS Dup (B063189-BSD1)

Prepared: 11/20/12 Analyzed: 11/21/12

Hexachlorobenzene	30.1	10	µg/L	50.0		60.2	40-140	11.9	20	
Hexachlorobutadiene	24.7	10	µg/L	50.0		49.3	40-140	16.0	20	
Hexachlorocyclopentadiene	22.8	10	µg/L	50.0		45.6	30-140	2.04	50	† ‡
Hexachloroethane	23.7	10	µg/L	50.0		47.3	40-140	17.1	50	‡
Indeno(1,2,3-cd)pyrene	36.9	5.0	µg/L	50.0		73.8	40-140	17.4	50	V-06 ‡
Isophorone	32.2	10	µg/L	50.0		64.5	40-140	21.0 *	20	R-05
1-Methylnaphthalene	28.4	5.0	µg/L	50.0		56.8	40-140	23.2 *	20	R-05
2-Methylnaphthalene	27.5	5.0	µg/L	50.0		55.0	40-140	23.3 *	20	R-05
2-Methylphenol	26.3	10	µg/L	50.0		52.6	30-130	26.9 *	20	R-05
3/4-Methylphenol	24.8	10	µg/L	50.0		49.7	30-130	26.5 *	20	R-05
Naphthalene	26.9	5.0	µg/L	50.0		53.7	40-140	17.2	20	
2-Nitroaniline	37.5	10	µg/L	50.0		74.9	40-140	15.9	20	
3-Nitroaniline	38.8	10	µg/L	50.0		77.5	40-140	18.4	20	
4-Nitroaniline	33.5	10	µg/L	50.0		67.0	40-140	27.8 *	20	R-05
Nitrobenzene	29.0	10	µg/L	50.0		58.0	40-140	15.9	20	
2-Nitrophenol	28.6	10	µg/L	50.0		57.3	30-130	11.8	20	
4-Nitrophenol	20.4	10	µg/L	50.0		40.9	10-130	26.0	50	† ‡
N-Nitrosodimethylamine	18.0	5.0	µg/L	50.0		35.9 *	40-140	11.0	20	L-07
N-Nitrosodiphenylamine	43.2	10	µg/L	50.0		86.3	40-140	9.85	20	
N-Nitrosodi-n-propylamine	30.4	10	µg/L	50.0		60.9	40-140	22.9 *	20	R-05
Pentachloronitrobenzene	31.2	10	µg/L	50.0		62.4	40-140	19.3	20	V-16
Pentachlorophenol	33.2	10	µg/L	50.0		66.3	30-130	15.3	50	‡
Phenanthrene	30.6	5.0	µg/L	50.0		61.2	40-140	17.1	20	
Phenol	14.9	10	µg/L	50.0		29.8	20-130	20.6 *	20	R-05 †
Pyrene	35.7	5.0	µg/L	50.0		71.4	40-140	34.4 *	20	R-05
Pyridine	12.8	5.0	µg/L	50.0		25.6	10-140	48.9	50	† ‡
1,2,4,5-Tetrachlorobenzene	25.3	10	µg/L	50.0		50.6	40-140	8.11	20	
1,2,4-Trichlorobenzene	26.3	5.0	µg/L	50.0		52.5	40-140	17.0	20	
2,4,5-Trichlorophenol	31.8	10	µg/L	50.0		63.7	30-130	15.1	20	
2,4,6-Trichlorophenol	31.0	10	µg/L	50.0		62.0	30-130	11.1	50	‡
Surrogate: 2-Fluorophenol	87.8		µg/L	200		43.9	15-110			
Surrogate: Phenol-d6	61.1		µg/L	200		30.6	15-110			
Surrogate: Nitrobenzene-d5	57.6		µg/L	100		57.6	30-130			
Surrogate: 2-Fluorobiphenyl	54.6		µg/L	100		54.6	30-130			
Surrogate: 2,4,6-Tribromophenol	178		µg/L	200		89.2	15-110			
Surrogate: Terphenyl-d14	77.4		µg/L	100		77.4	30-130			

Batch B063264 - SW-846 3546
Blank (B063264-BLK1)

Prepared: 11/20/12 Analyzed: 11/21/12

Acenaphthene	ND	0.17	mg/Kg wet							
Acenaphthylene	ND	0.17	mg/Kg wet							
Acetophenone	ND	0.34	mg/Kg wet							
Aniline	ND	0.34	mg/Kg wet							
Anthracene	ND	0.17	mg/Kg wet							
Benzydine	ND	0.34	mg/Kg wet							V-05
Benzo(a)anthracene	ND	0.17	mg/Kg wet							
Benzo(a)pyrene	ND	0.17	mg/Kg wet							
Benzo(b)fluoranthene	ND	0.17	mg/Kg wet							
Benzo(g,h,i)perylene	ND	0.17	mg/Kg wet							V-06
Benzo(k)fluoranthene	ND	0.17	mg/Kg wet							
Benzoic Acid	ND	1.0	mg/Kg wet							L-04
Bis(2-chloroethoxy)methane	ND	0.34	mg/Kg wet							

QUALITY CONTROL
Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B063264 - SW-846 3546
Blank (B063264-BLK1)

Prepared: 11/20/12 Analyzed: 11/21/12

Bis(2-chloroethyl)ether	ND	0.34	mg/Kg wet							
Bis(2-chloroisopropyl)ether	ND	0.34	mg/Kg wet							
Bis(2-Ethylhexyl)phthalate	ND	0.34	mg/Kg wet							
4-Bromophenylphenylether	ND	0.34	mg/Kg wet							
Butylbenzylphthalate	ND	0.66	mg/Kg wet							
Carbazole	ND	0.17	mg/Kg wet							
4-Chloroaniline	ND	0.66	mg/Kg wet							
4-Chloro-3-methylphenol	ND	0.66	mg/Kg wet							
2-Chloronaphthalene	ND	0.34	mg/Kg wet							
2-Chlorophenol	ND	0.34	mg/Kg wet							
4-Chlorophenylphenylether	ND	0.34	mg/Kg wet							
Chrysene	ND	0.17	mg/Kg wet							
Dibenz(a,h)anthracene	ND	0.17	mg/Kg wet							
Dibenzofuran	ND	0.34	mg/Kg wet							
Di-n-butylphthalate	ND	0.34	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.34	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.34	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.34	mg/Kg wet							
3,3-Dichlorobenzidine	ND	0.17	mg/Kg wet							
2,4-Dichlorophenol	ND	0.34	mg/Kg wet							
Diethylphthalate	ND	0.34	mg/Kg wet							
2,4-Dimethylphenol	ND	0.34	mg/Kg wet							
Dimethylphthalate	ND	0.66	mg/Kg wet							
4,6-Dinitro-2-methylphenol	ND	0.34	mg/Kg wet							
2,4-Dinitrophenol	ND	0.66	mg/Kg wet							V-19
2,4-Dinitrotoluene	ND	0.34	mg/Kg wet							
2,6-Dinitrotoluene	ND	0.34	mg/Kg wet							
Di-n-octylphthalate	ND	0.66	mg/Kg wet							
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.34	mg/Kg wet							
Fluoranthene	ND	0.17	mg/Kg wet							
Fluorene	ND	0.17	mg/Kg wet							
Hexachlorobenzene	ND	0.34	mg/Kg wet							
Hexachlorobutadiene	ND	0.34	mg/Kg wet							
Hexachlorocyclopentadiene	ND	0.66	mg/Kg wet							V-05
Hexachloroethane	ND	0.34	mg/Kg wet							
Indeno(1,2,3-cd)pyrene	ND	0.17	mg/Kg wet							
Isophorone	ND	0.34	mg/Kg wet							
1-Methylnaphthalene	ND	0.17	mg/Kg wet							
2-Methylnaphthalene	ND	0.17	mg/Kg wet							
2-Methylphenol	ND	0.34	mg/Kg wet							
3/4-Methylphenol	ND	0.34	mg/Kg wet							
Naphthalene	ND	0.17	mg/Kg wet							
2-Nitroaniline	ND	0.34	mg/Kg wet							
3-Nitroaniline	ND	0.34	mg/Kg wet							
4-Nitroaniline	ND	0.34	mg/Kg wet							
Nitrobenzene	ND	0.34	mg/Kg wet							
2-Nitrophenol	ND	0.34	mg/Kg wet							
4-Nitrophenol	ND	0.66	mg/Kg wet							
N-Nitrosodimethylamine	ND	0.34	mg/Kg wet							
N-Nitrosodiphenylamine	ND	0.34	mg/Kg wet							
N-Nitrosodi-n-propylamine	ND	0.34	mg/Kg wet							
Pentachloronitrobenzene	ND	0.34	mg/Kg wet							V-16

QUALITY CONTROL
Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B063264 - SW-846 3546
Blank (B063264-BLK1)

Prepared: 11/20/12 Analyzed: 11/21/12

Pentachlorophenol	ND	0.34	mg/Kg wet							
Phenanthrene	ND	0.17	mg/Kg wet							
Phenol	ND	0.34	mg/Kg wet							
Pyrene	ND	0.17	mg/Kg wet							
Pyridine	ND	0.34	mg/Kg wet							V-05
1,2,4,5-Tetrachlorobenzene	ND	0.34	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.34	mg/Kg wet							
2,4,5-Trichlorophenol	ND	0.34	mg/Kg wet							
2,4,6-Trichlorophenol	ND	0.34	mg/Kg wet							
Surrogate: 2-Fluorophenol	5.62		mg/Kg wet	6.67		84.3	30-130			
Surrogate: Phenol-d6	5.77		mg/Kg wet	6.67		86.5	30-130			
Surrogate: Nitrobenzene-d5	2.92		mg/Kg wet	3.33		87.7	30-130			
Surrogate: 2-Fluorobiphenyl	2.57		mg/Kg wet	3.33		77.0	30-130			
Surrogate: 2,4,6-Tribromophenol	6.93		mg/Kg wet	6.67		104	30-130			
Surrogate: Terphenyl-d14	2.87		mg/Kg wet	3.33		86.1	30-130			

LCS (B063264-BS1)

Prepared: 11/20/12 Analyzed: 11/21/12

Acenaphthene	1.30	0.17	mg/Kg wet	1.67		77.7	40-140			
Acenaphthylene	1.29	0.17	mg/Kg wet	1.67		77.7	40-140			
Acetophenone	1.24	0.34	mg/Kg wet	1.67		74.5	40-140			
Aniline	0.784	0.34	mg/Kg wet	1.67		47.0	10-140			†
Anthracene	1.32	0.17	mg/Kg wet	1.67		79.2	40-140			
Benidine	0.694	0.34	mg/Kg wet	1.67		41.6	40-140			V-05
Benzo(a)anthracene	1.35	0.17	mg/Kg wet	1.67		81.3	40-140			
Benzo(a)pyrene	1.36	0.17	mg/Kg wet	1.67		81.8	40-140			
Benzo(b)fluoranthene	1.35	0.17	mg/Kg wet	1.67		80.8	40-140			
Benzo(g,h,i)perylene	1.47	0.17	mg/Kg wet	1.67		88.3	40-140			V-06
Benzo(k)fluoranthene	1.25	0.17	mg/Kg wet	1.67		74.8	40-140			
Benzoic Acid	ND	1.0	mg/Kg wet	1.67		*	30-130			L-04
Bis(2-chloroethoxy)methane	1.36	0.34	mg/Kg wet	1.67		81.9	40-140			
Bis(2-chloroethyl)ether	1.24	0.34	mg/Kg wet	1.67		74.4	40-140			
Bis(2-chloroisopropyl)ether	1.42	0.34	mg/Kg wet	1.67		85.5	40-140			
Bis(2-Ethylhexyl)phthalate	1.33	0.34	mg/Kg wet	1.67		79.8	40-140			
4-Bromophenylphenylether	1.43	0.34	mg/Kg wet	1.67		85.5	40-140			
Butylbenzylphthalate	1.34	0.66	mg/Kg wet	1.67		80.3	40-140			
Carbazole	1.28	0.17	mg/Kg wet	1.67		77.1	40-140			
4-Chloroaniline	0.916	0.66	mg/Kg wet	1.67		55.0	10-140			†
4-Chloro-3-methylphenol	1.61	0.66	mg/Kg wet	1.67		96.7	30-130			
2-Chloronaphthalene	1.20	0.34	mg/Kg wet	1.67		71.7	40-140			
2-Chlorophenol	1.25	0.34	mg/Kg wet	1.67		74.7	30-130			
4-Chlorophenylphenylether	1.50	0.34	mg/Kg wet	1.67		90.1	40-140			
Chrysene	1.27	0.17	mg/Kg wet	1.67		76.2	40-140			
Dibenz(a,h)anthracene	1.47	0.17	mg/Kg wet	1.67		88.3	40-140			
Dibenzofuran	1.36	0.34	mg/Kg wet	1.67		81.7	40-140			
Di-n-butylphthalate	1.32	0.34	mg/Kg wet	1.67		79.1	40-140			
1,2-Dichlorobenzene	1.17	0.34	mg/Kg wet	1.67		70.3	40-140			
1,3-Dichlorobenzene	1.18	0.34	mg/Kg wet	1.67		70.5	40-140			
1,4-Dichlorobenzene	1.15	0.34	mg/Kg wet	1.67		69.3	40-140			
3,3-Dichlorobenzidine	0.968	0.17	mg/Kg wet	1.67		58.1	20-140			†
2,4-Dichlorophenol	1.37	0.34	mg/Kg wet	1.67		82.3	30-130			
Diethylphthalate	1.51	0.34	mg/Kg wet	1.67		90.4	40-140			
2,4-Dimethylphenol	1.34	0.34	mg/Kg wet	1.67		80.7	30-130			

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B063264 - SW-846 3546										
LCS (B063264-BS1)				Prepared: 11/20/12 Analyzed: 11/21/12						
Dimethylphthalate	1.46	0.66	mg/Kg wet	1.67		87.8	40-140			
4,6-Dinitro-2-methylphenol	1.07	0.34	mg/Kg wet	1.67		64.4	30-130			
2,4-Dinitrophenol	0.814	0.66	mg/Kg wet	1.67		48.8	30-130			V-19
2,4-Dinitrotoluene	1.58	0.34	mg/Kg wet	1.67		94.8	40-140			
2,6-Dinitrotoluene	1.53	0.34	mg/Kg wet	1.67		92.0	40-140			
Di-n-octylphthalate	1.26	0.66	mg/Kg wet	1.67		75.9	40-140			
1,2-Diphenylhydrazine (as Azobenzene)	1.32	0.34	mg/Kg wet	1.67		79.2	40-140			
Fluoranthene	1.25	0.17	mg/Kg wet	1.67		74.9	40-140			
Fluorene	1.41	0.17	mg/Kg wet	1.67		84.5	40-140			
Hexachlorobenzene	1.40	0.34	mg/Kg wet	1.67		84.2	40-140			
Hexachlorobutadiene	1.43	0.34	mg/Kg wet	1.67		85.9	40-140			
Hexachlorocyclopentadiene	1.08	0.66	mg/Kg wet	1.67		65.1	40-140			V-05
Hexachloroethane	1.21	0.34	mg/Kg wet	1.67		72.7	40-140			
Indeno(1,2,3-cd)pyrene	1.47	0.17	mg/Kg wet	1.67		88.1	40-140			
Isophorone	1.40	0.34	mg/Kg wet	1.67		84.2	40-140			
1-Methylnaphthalene	1.37	0.17	mg/Kg wet	1.67		81.9	40-140			
2-Methylnaphthalene	1.35	0.17	mg/Kg wet	1.67		81.2	40-140			
2-Methylphenol	1.33	0.34	mg/Kg wet	1.67		79.7	30-130			
3/4-Methylphenol	1.31	0.34	mg/Kg wet	1.67		78.5	30-130			
Naphthalene	1.21	0.17	mg/Kg wet	1.67		72.8	40-140			
2-Nitroaniline	1.49	0.34	mg/Kg wet	1.67		89.4	40-140			
3-Nitroaniline	1.27	0.34	mg/Kg wet	1.67		76.4	30-140			†
4-Nitroaniline	1.21	0.34	mg/Kg wet	1.67		72.6	40-140			
Nitrobenzene	1.26	0.34	mg/Kg wet	1.67		75.7	40-140			
2-Nitrophenol	1.29	0.34	mg/Kg wet	1.67		77.6	30-130			
4-Nitrophenol	1.36	0.66	mg/Kg wet	1.67		81.9	30-130			
N-Nitrosodimethylamine	1.06	0.34	mg/Kg wet	1.67		63.9	40-140			
N-Nitrosodiphenylamine	1.79	0.34	mg/Kg wet	1.67		107	40-140			
N-Nitrosodi-n-propylamine	1.29	0.34	mg/Kg wet	1.67		77.4	40-140			
Pentachloronitrobenzene	1.46	0.34	mg/Kg wet	1.67		87.5	40-140			V-16
Pentachlorophenol	0.728	0.34	mg/Kg wet	1.67		43.7	30-130			
Phenanthrene	1.31	0.17	mg/Kg wet	1.67		78.3	40-140			
Phenol	1.15	0.34	mg/Kg wet	1.67		69.1	30-130			
Pyrene	1.33	0.17	mg/Kg wet	1.67		80.0	40-140			
Pyridine	0.755	0.34	mg/Kg wet	1.67		45.3	30-140			V-05 †
1,2,4,5-Tetrachlorobenzene	1.23	0.34	mg/Kg wet	1.67		74.0	40-140			
1,2,4-Trichlorobenzene	1.34	0.34	mg/Kg wet	1.67		80.5	40-140			
2,4,5-Trichlorophenol	1.29	0.34	mg/Kg wet	1.67		77.7	30-130			
2,4,6-Trichlorophenol	1.37	0.34	mg/Kg wet	1.67		82.4	30-130			
Surrogate: 2-Fluorophenol	5.80		mg/Kg wet	6.67		87.0	30-130			
Surrogate: Phenol-d6	6.02		mg/Kg wet	6.67		90.2	30-130			
Surrogate: Nitrobenzene-d5	2.92		mg/Kg wet	3.33		87.5	30-130			
Surrogate: 2-Fluorobiphenyl	2.68		mg/Kg wet	3.33		80.4	30-130			
Surrogate: 2,4,6-Tribromophenol	7.45		mg/Kg wet	6.67		112	30-130			
Surrogate: Terphenyl-d14	3.05		mg/Kg wet	3.33		91.4	30-130			

QUALITY CONTROL
Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B063264 - SW-846 3546										
LCS Dup (B063264-BSD1)				Prepared: 11/20/12 Analyzed: 11/21/12						
Acenaphthene	1.30	0.17	mg/Kg wet	1.67		77.8	40-140	0.128	30	
Acenaphthylene	1.29	0.17	mg/Kg wet	1.67		77.1	40-140	0.698	30	
Acetophenone	1.28	0.34	mg/Kg wet	1.67		76.5	40-140	2.65	30	
Aniline	0.800	0.34	mg/Kg wet	1.67		48.0	10-140	1.98	50	† ‡
Anthracene	1.34	0.17	mg/Kg wet	1.67		80.3	40-140	1.48	30	
Benzidine	0.617	0.34	mg/Kg wet	1.67		37.0	* 40-140	11.6	30	V-05, L-07
Benzo(a)anthracene	1.34	0.17	mg/Kg wet	1.67		80.3	40-140	1.26	30	
Benzo(a)pyrene	1.33	0.17	mg/Kg wet	1.67		79.8	40-140	2.50	30	
Benzo(b)fluoranthene	1.26	0.17	mg/Kg wet	1.67		75.5	40-140	6.76	30	
Benzo(g,h,i)perylene	1.60	0.17	mg/Kg wet	1.67		95.9	40-140	8.23	30	V-06
Benzo(k)fluoranthene	1.22	0.17	mg/Kg wet	1.67		73.2	40-140	2.14	30	
Benzoic Acid	ND	1.0	mg/Kg wet	1.67		*	30-130	NC	50	L-04 ‡
Bis(2-chloroethoxy)methane	1.41	0.34	mg/Kg wet	1.67		84.8	40-140	3.48	30	
Bis(2-chloroethyl)ether	1.26	0.34	mg/Kg wet	1.67		75.4	40-140	1.36	30	
Bis(2-chloroisopropyl)ether	1.47	0.34	mg/Kg wet	1.67		88.4	40-140	3.34	30	
Bis(2-Ethylhexyl)phthalate	1.27	0.34	mg/Kg wet	1.67		76.3	40-140	4.53	30	
4-Bromophenylphenylether	1.40	0.34	mg/Kg wet	1.67		84.0	40-140	1.77	30	
Butylbenzylphthalate	1.30	0.66	mg/Kg wet	1.67		78.0	40-140	2.93	30	
Carbazole	1.32	0.17	mg/Kg wet	1.67		79.1	40-140	2.51	30	
4-Chloroaniline	0.920	0.66	mg/Kg wet	1.67		55.2	10-140	0.436	30	†
4-Chloro-3-methylphenol	1.59	0.66	mg/Kg wet	1.67		95.2	30-130	1.58	30	
2-Chloronaphthalene	1.16	0.34	mg/Kg wet	1.67		69.4	40-140	3.32	30	
2-Chlorophenol	1.28	0.34	mg/Kg wet	1.67		76.6	30-130	2.41	30	
4-Chlorophenylphenylether	1.45	0.34	mg/Kg wet	1.67		86.9	40-140	3.64	30	
Chrysene	1.28	0.17	mg/Kg wet	1.67		76.9	40-140	0.915	30	
Dibenz(a,h)anthracene	1.55	0.17	mg/Kg wet	1.67		93.3	40-140	5.49	30	
Dibenzofuran	1.38	0.34	mg/Kg wet	1.67		82.7	40-140	1.19	30	
Di-n-butylphthalate	1.30	0.34	mg/Kg wet	1.67		78.1	40-140	1.20	30	
1,2-Dichlorobenzene	1.15	0.34	mg/Kg wet	1.67		69.1	40-140	1.66	30	
1,3-Dichlorobenzene	1.17	0.34	mg/Kg wet	1.67		70.4	40-140	0.170	30	
1,4-Dichlorobenzene	1.14	0.34	mg/Kg wet	1.67		68.5	40-140	1.13	30	
3,3-Dichlorobenzidine	0.927	0.17	mg/Kg wet	1.67		55.6	20-140	4.29	50	† ‡
2,4-Dichlorophenol	1.38	0.34	mg/Kg wet	1.67		83.0	30-130	0.847	30	
Diethylphthalate	1.42	0.34	mg/Kg wet	1.67		85.3	40-140	5.83	30	
2,4-Dimethylphenol	1.41	0.34	mg/Kg wet	1.67		84.4	30-130	4.48	30	
Dimethylphthalate	1.41	0.66	mg/Kg wet	1.67		84.3	40-140	4.02	30	
4,6-Dinitro-2-methylphenol	1.08	0.34	mg/Kg wet	1.67		64.8	30-130	0.650	30	
2,4-Dinitrophenol	0.777	0.66	mg/Kg wet	1.67		46.6	30-130	4.65	30	V-19
2,4-Dinitrotoluene	1.47	0.34	mg/Kg wet	1.67		88.0	40-140	7.42	30	
2,6-Dinitrotoluene	1.49	0.34	mg/Kg wet	1.67		89.5	40-140	2.76	30	
Di-n-octylphthalate	1.12	0.66	mg/Kg wet	1.67		67.1	40-140	12.3	30	
1,2-Diphenylhydrazine (as Azobenzene)	1.36	0.34	mg/Kg wet	1.67		81.7	40-140	3.16	30	
Fluoranthene	1.26	0.17	mg/Kg wet	1.67		75.3	40-140	0.612	30	
Fluorene	1.38	0.17	mg/Kg wet	1.67		83.0	40-140	1.79	30	
Hexachlorobenzene	1.41	0.34	mg/Kg wet	1.67		84.8	40-140	0.663	30	
Hexachlorobutadiene	1.44	0.34	mg/Kg wet	1.67		86.3	40-140	0.488	30	
Hexachlorocyclopentadiene	1.10	0.66	mg/Kg wet	1.67		66.0	40-140	1.37	30	V-05
Hexachloroethane	1.24	0.34	mg/Kg wet	1.67		74.6	40-140	2.47	30	
Indeno(1,2,3-cd)pyrene	1.57	0.17	mg/Kg wet	1.67		94.0	40-140	6.50	30	
Isophorone	1.49	0.34	mg/Kg wet	1.67		89.7	40-140	6.33	30	
1-Methylnaphthalene	1.41	0.17	mg/Kg wet	1.67		84.7	40-140	3.38	30	
2-Methylnaphthalene	1.37	0.17	mg/Kg wet	1.67		82.2	40-140	1.27	30	

QUALITY CONTROL
Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B063264 - SW-846 3546
LCS Dup (B063264-BSD1)

Prepared: 11/20/12 Analyzed: 11/21/12

2-Methylphenol	1.42	0.34	mg/Kg wet	1.67		85.5	30-130	6.95	30	
3/4-Methylphenol	1.37	0.34	mg/Kg wet	1.67		82.3	30-130	4.65	30	
Naphthalene	1.24	0.17	mg/Kg wet	1.67		74.7	40-140	2.52	30	
2-Nitroaniline	1.45	0.34	mg/Kg wet	1.67		87.3	40-140	2.36	30	
3-Nitroaniline	1.22	0.34	mg/Kg wet	1.67		73.2	30-140	4.39	30	†
4-Nitroaniline	1.15	0.34	mg/Kg wet	1.67		68.8	40-140	5.34	30	
Nitrobenzene	1.35	0.34	mg/Kg wet	1.67		80.9	40-140	6.59	30	
2-Nitrophenol	1.40	0.34	mg/Kg wet	1.67		83.8	30-130	7.73	30	
4-Nitrophenol	1.34	0.66	mg/Kg wet	1.67		80.2	30-130	2.05	50	‡
N-Nitrosodimethylamine	1.15	0.34	mg/Kg wet	1.67		68.9	40-140	7.50	30	
N-Nitrosodiphenylamine	1.85	0.34	mg/Kg wet	1.67		111	40-140	3.70	30	
N-Nitrosodi-n-propylamine	1.30	0.34	mg/Kg wet	1.67		78.1	40-140	0.926	30	
Pentachloronitrobenzene	1.50	0.34	mg/Kg wet	1.67		90.1	40-140	2.86	30	V-16
Pentachlorophenol	0.643	0.34	mg/Kg wet	1.67		38.6	30-130	12.5	30	
Phenanthrene	1.32	0.17	mg/Kg wet	1.67		79.5	40-140	1.47	30	
Phenol	1.22	0.34	mg/Kg wet	1.67		73.1	30-130	5.68	30	
Pyrene	1.31	0.17	mg/Kg wet	1.67		78.8	40-140	1.46	30	
Pyridine	0.803	0.34	mg/Kg wet	1.67		48.2	30-140	6.12	30	V-05 †
1,2,4,5-Tetrachlorobenzene	1.23	0.34	mg/Kg wet	1.67		73.9	40-140	0.108	30	
1,2,4-Trichlorobenzene	1.33	0.34	mg/Kg wet	1.67		80.1	40-140	0.548	30	
2,4,5-Trichlorophenol	1.29	0.34	mg/Kg wet	1.67		77.6	30-130	0.0773	30	
2,4,6-Trichlorophenol	1.35	0.34	mg/Kg wet	1.67		81.1	30-130	1.64	30	
Surrogate: 2-Fluorophenol	5.94		mg/Kg wet	6.67		89.1	30-130			
Surrogate: Phenol-d6	6.28		mg/Kg wet	6.67		94.2	30-130			
Surrogate: Nitrobenzene-d5	2.95		mg/Kg wet	3.33		88.5	30-130			
Surrogate: 2-Fluorobiphenyl	2.66		mg/Kg wet	3.33		79.9	30-130			
Surrogate: 2,4,6-Tribromophenol	7.00		mg/Kg wet	6.67		105	30-130			
Surrogate: Terphenyl-d14	2.97		mg/Kg wet	3.33		89.1	30-130			

Batch B063279 - SW-846 3546
Blank (B063279-BLK1)

Prepared: 11/20/12 Analyzed: 11/21/12

Acenaphthene	ND	0.17	mg/Kg wet							
Acenaphthylene	ND	0.17	mg/Kg wet							
Acetophenone	ND	0.34	mg/Kg wet							
Aniline	ND	0.34	mg/Kg wet							
Anthracene	ND	0.17	mg/Kg wet							
Benzidine	ND	0.34	mg/Kg wet							
Benzo(a)anthracene	ND	0.17	mg/Kg wet							
Benzo(a)pyrene	ND	0.17	mg/Kg wet							
Benzo(b)fluoranthene	ND	0.17	mg/Kg wet							
Benzo(g,h,i)perylene	ND	0.17	mg/Kg wet							
Benzo(k)fluoranthene	ND	0.17	mg/Kg wet							
Benzoic Acid	ND	1.0	mg/Kg wet							
Bis(2-chloroethoxy)methane	ND	0.34	mg/Kg wet							
Bis(2-chloroethyl)ether	ND	0.34	mg/Kg wet							
Bis(2-chloroisopropyl)ether	ND	0.34	mg/Kg wet							
Bis(2-Ethylhexyl)phthalate	ND	0.34	mg/Kg wet							
4-Bromophenylphenylether	ND	0.34	mg/Kg wet							
Butylbenzylphthalate	ND	0.66	mg/Kg wet							
Carbazole	ND	0.17	mg/Kg wet							
4-Chloroaniline	ND	0.66	mg/Kg wet							
4-Chloro-3-methylphenol	ND	0.66	mg/Kg wet							

QUALITY CONTROL
Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B063279 - SW-846 3546
Blank (B063279-BLK1)

Prepared: 11/20/12 Analyzed: 11/21/12

2-Chloronaphthalene	ND	0.34	mg/Kg wet
2-Chlorophenol	ND	0.34	mg/Kg wet
4-Chlorophenylphenylether	ND	0.34	mg/Kg wet
Chrysene	ND	0.17	mg/Kg wet
Dibenz(a,h)anthracene	ND	0.17	mg/Kg wet
Dibenzofuran	ND	0.34	mg/Kg wet
Di-n-butylphthalate	ND	0.34	mg/Kg wet
1,2-Dichlorobenzene	ND	0.34	mg/Kg wet
1,3-Dichlorobenzene	ND	0.34	mg/Kg wet
1,4-Dichlorobenzene	ND	0.34	mg/Kg wet
3,3-Dichlorobenzidine	ND	0.17	mg/Kg wet
2,4-Dichlorophenol	ND	0.34	mg/Kg wet
Diethylphthalate	ND	0.34	mg/Kg wet
2,4-Dimethylphenol	ND	0.34	mg/Kg wet
Dimethylphthalate	ND	0.66	mg/Kg wet
4,6-Dinitro-2-methylphenol	ND	0.34	mg/Kg wet
2,4-Dinitrophenol	ND	0.66	mg/Kg wet
2,4-Dinitrotoluene	ND	0.34	mg/Kg wet
2,6-Dinitrotoluene	ND	0.34	mg/Kg wet
Di-n-octylphthalate	ND	0.66	mg/Kg wet
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.34	mg/Kg wet
Fluoranthene	ND	0.17	mg/Kg wet
Fluorene	ND	0.17	mg/Kg wet
Hexachlorobenzene	ND	0.34	mg/Kg wet
Hexachlorobutadiene	ND	0.34	mg/Kg wet
Hexachlorocyclopentadiene	ND	0.66	mg/Kg wet
Hexachloroethane	ND	0.34	mg/Kg wet
Indeno(1,2,3-cd)pyrene	ND	0.17	mg/Kg wet
Isophorone	ND	0.34	mg/Kg wet
1-Methylnaphthalene	ND	0.17	mg/Kg wet
2-Methylnaphthalene	ND	0.17	mg/Kg wet
2-Methylphenol	ND	0.34	mg/Kg wet
3/4-Methylphenol	ND	0.34	mg/Kg wet
Naphthalene	ND	0.17	mg/Kg wet
2-Nitroaniline	ND	0.34	mg/Kg wet
3-Nitroaniline	ND	0.34	mg/Kg wet
4-Nitroaniline	ND	0.34	mg/Kg wet
Nitrobenzene	ND	0.34	mg/Kg wet
2-Nitrophenol	ND	0.34	mg/Kg wet
4-Nitrophenol	ND	0.66	mg/Kg wet
N-Nitrosodimethylamine	ND	0.34	mg/Kg wet
N-Nitrosodiphenylamine	ND	0.34	mg/Kg wet
N-Nitrosodi-n-propylamine	ND	0.34	mg/Kg wet
Pentachloronitrobenzene	ND	0.34	mg/Kg wet
Pentachlorophenol	ND	0.34	mg/Kg wet
Phenanthrene	ND	0.17	mg/Kg wet
Phenol	ND	0.34	mg/Kg wet
Pyrene	ND	0.17	mg/Kg wet
Pyridine	ND	0.34	mg/Kg wet
1,2,4,5-Tetrachlorobenzene	ND	0.34	mg/Kg wet
1,2,4-Trichlorobenzene	ND	0.34	mg/Kg wet
2,4,5-Trichlorophenol	ND	0.34	mg/Kg wet

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QUALITY CONTROL
Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B063279 - SW-846 3546
Blank (B063279-BLK1)

Prepared: 11/20/12 Analyzed: 11/21/12

2,4,6-Trichlorophenol	ND	0.34	mg/Kg wet							
Surrogate: 2-Fluorophenol	5.82		mg/Kg wet	6.67		87.4	30-130			
Surrogate: Phenol-d6	5.21		mg/Kg wet	6.67		78.2	30-130			
Surrogate: Nitrobenzene-d5	2.43		mg/Kg wet	3.33		72.8	30-130			
Surrogate: 2-Fluorobiphenyl	2.23		mg/Kg wet	3.33		66.8	30-130			
Surrogate: 2,4,6-Tribromophenol	4.31		mg/Kg wet	6.67		64.7	30-130			
Surrogate: Terphenyl-d14	2.14		mg/Kg wet	3.33		64.2	30-130			

LCS (B063279-BS1)

Prepared: 11/20/12 Analyzed: 11/21/12

Acenaphthene	1.24	0.17	mg/Kg wet	1.67		74.2	40-140			
Acenaphthylene	1.23	0.17	mg/Kg wet	1.67		74.0	40-140			
Acetophenone	1.22	0.34	mg/Kg wet	1.67		73.3	40-140			
Aniline	1.08	0.34	mg/Kg wet	1.67		64.5	10-140			†
Anthracene	1.26	0.17	mg/Kg wet	1.67		75.4	40-140			
Benzidine	1.05	0.34	mg/Kg wet	1.67		62.9	40-140			
Benzo(a)anthracene	1.18	0.17	mg/Kg wet	1.67		70.9	40-140			
Benzo(a)pyrene	1.29	0.17	mg/Kg wet	1.67		77.7	40-140			
Benzo(b)fluoranthene	1.28	0.17	mg/Kg wet	1.67		76.9	40-140			
Benzo(g,h,i)perylene	1.18	0.17	mg/Kg wet	1.67		70.8	40-140			
Benzo(k)fluoranthene	1.26	0.17	mg/Kg wet	1.67		75.8	40-140			
Benzoic Acid	0.502	1.0	mg/Kg wet	1.67		30.1	30-130			
Bis(2-chloroethoxy)methane	1.32	0.34	mg/Kg wet	1.67		79.2	40-140			
Bis(2-chloroethyl)ether	1.41	0.34	mg/Kg wet	1.67		84.7	40-140			
Bis(2-chloroisopropyl)ether	1.37	0.34	mg/Kg wet	1.67		82.3	40-140			
Bis(2-Ethylhexyl)phthalate	1.17	0.34	mg/Kg wet	1.67		70.2	40-140			
4-Bromophenylphenylether	1.23	0.34	mg/Kg wet	1.67		73.7	40-140			
Butylbenzylphthalate	1.30	0.66	mg/Kg wet	1.67		78.0	40-140			
Carbazole	1.23	0.17	mg/Kg wet	1.67		73.8	40-140			
4-Chloroaniline	0.686	0.66	mg/Kg wet	1.67		41.2	10-140			†
4-Chloro-3-methylphenol	1.31	0.66	mg/Kg wet	1.67		78.5	30-130			
2-Chloronaphthalene	1.29	0.34	mg/Kg wet	1.67		77.7	40-140			
2-Chlorophenol	1.31	0.34	mg/Kg wet	1.67		78.4	30-130			
4-Chlorophenylphenylether	1.25	0.34	mg/Kg wet	1.67		75.2	40-140			
Chrysene	1.14	0.17	mg/Kg wet	1.67		68.1	40-140			
Dibenz(a,h)anthracene	1.23	0.17	mg/Kg wet	1.67		73.9	40-140			
Dibenzofuran	1.20	0.34	mg/Kg wet	1.67		72.1	40-140			
Di-n-butylphthalate	1.30	0.34	mg/Kg wet	1.67		77.9	40-140			
1,2-Dichlorobenzene	1.19	0.34	mg/Kg wet	1.67		71.1	40-140			
1,3-Dichlorobenzene	1.18	0.34	mg/Kg wet	1.67		70.7	40-140			
1,4-Dichlorobenzene	1.20	0.34	mg/Kg wet	1.67		71.9	40-140			
3,3-Dichlorobenzidine	0.958	0.17	mg/Kg wet	1.67		57.5	20-140			†
2,4-Dichlorophenol	1.31	0.34	mg/Kg wet	1.67		78.8	30-130			
Diethylphthalate	1.29	0.34	mg/Kg wet	1.67		77.3	40-140			
2,4-Dimethylphenol	1.47	0.34	mg/Kg wet	1.67		88.2	30-130			
Dimethylphthalate	1.31	0.66	mg/Kg wet	1.67		78.9	40-140			
4,6-Dinitro-2-methylphenol	1.22	0.34	mg/Kg wet	1.67		73.2	30-130			
2,4-Dinitrophenol	0.796	0.66	mg/Kg wet	1.67		47.7	30-130			
2,4-Dinitrotoluene	1.34	0.34	mg/Kg wet	1.67		80.7	40-140			
2,6-Dinitrotoluene	1.34	0.34	mg/Kg wet	1.67		80.3	40-140			
Di-n-octylphthalate	1.38	0.66	mg/Kg wet	1.67		82.6	40-140			
1,2-Diphenylhydrazine (as Azobenzene)	1.43	0.34	mg/Kg wet	1.67		85.9	40-140			
Fluoranthene	1.30	0.17	mg/Kg wet	1.67		78.2	40-140			

QUALITY CONTROL
Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B063279 - SW-846 3546
LCS (B063279-BS1)

Prepared: 11/20/12 Analyzed: 11/21/12

Fluorene	1.08	0.17	mg/Kg wet	1.67		64.9	40-140			
Hexachlorobenzene	1.36	0.34	mg/Kg wet	1.67		81.9	40-140			
Hexachlorobutadiene	1.25	0.34	mg/Kg wet	1.67		74.8	40-140			
Hexachlorocyclopentadiene	0.789	0.66	mg/Kg wet	1.67		47.4	40-140			
Hexachloroethane	1.19	0.34	mg/Kg wet	1.67		71.1	40-140			
Indeno(1,2,3-cd)pyrene	1.16	0.17	mg/Kg wet	1.67		69.8	40-140			
Isophorone	1.31	0.34	mg/Kg wet	1.67		78.8	40-140			
1-Methylnaphthalene	1.26	0.17	mg/Kg wet	1.67		75.7	40-140			
2-Methylnaphthalene	1.24	0.17	mg/Kg wet	1.67		74.3	40-140			
2-Methylphenol	1.39	0.34	mg/Kg wet	1.67		83.2	30-130			
3/4-Methylphenol	1.28	0.34	mg/Kg wet	1.67		76.8	30-130			
Naphthalene	1.21	0.17	mg/Kg wet	1.67		72.3	40-140			
2-Nitroaniline	1.24	0.34	mg/Kg wet	1.67		74.2	40-140			
3-Nitroaniline	1.06	0.34	mg/Kg wet	1.67		63.4	30-140			†
4-Nitroaniline	1.09	0.34	mg/Kg wet	1.67		65.6	40-140			
Nitrobenzene	1.33	0.34	mg/Kg wet	1.67		80.0	40-140			
2-Nitrophenol	1.35	0.34	mg/Kg wet	1.67		81.3	30-130			
4-Nitrophenol	1.10	0.66	mg/Kg wet	1.67		66.1	30-130			
N-Nitrosodimethylamine	1.35	0.34	mg/Kg wet	1.67		80.9	40-140			
N-Nitrosodiphenylamine	1.87	0.34	mg/Kg wet	1.67		112	40-140			
N-Nitrosodi-n-propylamine	1.21	0.34	mg/Kg wet	1.67		72.6	40-140			
Pentachloronitrobenzene	1.33	0.34	mg/Kg wet	1.67		79.8	40-140			V-16
Pentachlorophenol	1.06	0.34	mg/Kg wet	1.67		63.8	30-130			
Phenanthrene	1.27	0.17	mg/Kg wet	1.67		76.1	40-140			
Phenol	1.09	0.34	mg/Kg wet	1.67		65.4	30-130			
Pyrene	1.24	0.17	mg/Kg wet	1.67		74.6	40-140			
Pyridine	1.02	0.34	mg/Kg wet	1.67		61.5	30-140			†
1,2,4,5-Tetrachlorobenzene	1.27	0.34	mg/Kg wet	1.67		76.1	40-140			
1,2,4-Trichlorobenzene	1.28	0.34	mg/Kg wet	1.67		76.8	40-140			
2,4,5-Trichlorophenol	1.06	0.34	mg/Kg wet	1.67		63.3	30-130			
2,4,6-Trichlorophenol	1.31	0.34	mg/Kg wet	1.67		78.5	30-130			
Surrogate: 2-Fluorophenol	6.35		mg/Kg wet	6.67		95.3	30-130			
Surrogate: Phenol-d6	5.15		mg/Kg wet	6.67		77.3	30-130			
Surrogate: Nitrobenzene-d5	2.56		mg/Kg wet	3.33		76.7	30-130			
Surrogate: 2-Fluorobiphenyl	2.27		mg/Kg wet	3.33		68.1	30-130			
Surrogate: 2,4,6-Tribromophenol	5.38		mg/Kg wet	6.67		80.7	30-130			
Surrogate: Terphenyl-d14	2.39		mg/Kg wet	3.33		71.6	30-130			

LCS Dup (B063279-BSD1)

Prepared: 11/20/12 Analyzed: 11/21/12

Acenaphthene	1.25	0.17	mg/Kg wet	1.67		74.9	40-140	0.993	30	
Acenaphthylene	1.26	0.17	mg/Kg wet	1.67		75.3	40-140	1.82	30	
Acetophenone	1.23	0.34	mg/Kg wet	1.67		73.7	40-140	0.517	30	
Aniline	1.17	0.34	mg/Kg wet	1.67		69.9	10-140	8.09	50	† ‡
Anthracene	1.30	0.17	mg/Kg wet	1.67		77.8	40-140	3.11	30	
Benzidine	1.09	0.34	mg/Kg wet	1.67		65.2	40-140	3.65	30	
Benzo(a)anthracene	1.22	0.17	mg/Kg wet	1.67		73.4	40-140	3.44	30	
Benzo(a)pyrene	1.34	0.17	mg/Kg wet	1.67		80.4	40-140	3.47	30	
Benzo(b)fluoranthene	1.30	0.17	mg/Kg wet	1.67		78.1	40-140	1.63	30	
Benzo(g,h,i)perylene	1.15	0.17	mg/Kg wet	1.67		68.8	40-140	2.98	30	
Benzo(k)fluoranthene	1.33	0.17	mg/Kg wet	1.67		80.0	40-140	5.37	30	
Benzoic Acid	0.552	1.0	mg/Kg wet	1.67		33.1	30-130	9.55	50	‡
Bis(2-chloroethoxy)methane	1.37	0.34	mg/Kg wet	1.67		82.3	40-140	3.84	30	

QUALITY CONTROL
Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B063279 - SW-846 3546										
LCS Dup (B063279-BSD1)					Prepared: 11/20/12 Analyzed: 11/21/12					
Bis(2-chloroethyl)ether	1.44	0.34	mg/Kg wet	1.67		86.2	40-140	1.73	30	
Bis(2-chloroisopropyl)ether	1.38	0.34	mg/Kg wet	1.67		83.1	40-140	0.943	30	
Bis(2-Ethylhexyl)phthalate	1.20	0.34	mg/Kg wet	1.67		71.9	40-140	2.45	30	
4-Bromophenylphenylether	1.28	0.34	mg/Kg wet	1.67		76.9	40-140	4.33	30	
Butylbenzylphthalate	1.33	0.66	mg/Kg wet	1.67		79.8	40-140	2.31	30	
Carbazole	1.27	0.17	mg/Kg wet	1.67		76.3	40-140	3.33	30	
4-Chloroaniline	0.836	0.66	mg/Kg wet	1.67		50.2	10-140	19.7	30	†
4-Chloro-3-methylphenol	1.46	0.66	mg/Kg wet	1.67		87.7	30-130	11.0	30	
2-Chloronaphthalene	1.22	0.34	mg/Kg wet	1.67		73.4	40-140	5.61	30	
2-Chlorophenol	1.32	0.34	mg/Kg wet	1.67		79.0	30-130	0.737	30	
4-Chlorophenylphenylether	1.26	0.34	mg/Kg wet	1.67		75.6	40-140	0.557	30	
Chrysene	1.18	0.17	mg/Kg wet	1.67		70.8	40-140	3.91	30	
Dibenz(a,h)anthracene	1.23	0.17	mg/Kg wet	1.67		73.7	40-140	0.244	30	
Dibenzofuran	1.23	0.34	mg/Kg wet	1.67		73.6	40-140	1.98	30	
Di-n-butylphthalate	1.34	0.34	mg/Kg wet	1.67		80.3	40-140	3.08	30	
1,2-Dichlorobenzene	1.20	0.34	mg/Kg wet	1.67		71.8	40-140	0.896	30	
1,3-Dichlorobenzene	1.18	0.34	mg/Kg wet	1.67		70.8	40-140	0.141	30	
1,4-Dichlorobenzene	1.18	0.34	mg/Kg wet	1.67		70.9	40-140	1.37	30	
3,3-Dichlorobenzidine	1.08	0.17	mg/Kg wet	1.67		64.6	20-140	11.7	50	† ‡
2,4-Dichlorophenol	1.34	0.34	mg/Kg wet	1.67		80.7	30-130	2.38	30	
Diethylphthalate	1.34	0.34	mg/Kg wet	1.67		80.4	40-140	3.88	30	
2,4-Dimethylphenol	1.50	0.34	mg/Kg wet	1.67		90.2	30-130	2.18	30	
Dimethylphthalate	1.35	0.66	mg/Kg wet	1.67		80.8	40-140	2.38	30	
4,6-Dinitro-2-methylphenol	1.35	0.34	mg/Kg wet	1.67		80.9	30-130	9.97	30	
2,4-Dinitrophenol	0.869	0.66	mg/Kg wet	1.67		52.2	30-130	8.85	30	
2,4-Dinitrotoluene	1.43	0.34	mg/Kg wet	1.67		85.6	40-140	5.99	30	
2,6-Dinitrotoluene	1.35	0.34	mg/Kg wet	1.67		80.8	40-140	0.621	30	
Di-n-octylphthalate	1.37	0.66	mg/Kg wet	1.67		82.1	40-140	0.583	30	
1,2-Diphenylhydrazine (as Azobenzene)	1.46	0.34	mg/Kg wet	1.67		87.7	40-140	2.05	30	
Fluoranthene	1.34	0.17	mg/Kg wet	1.67		80.4	40-140	2.70	30	
Fluorene	1.10	0.17	mg/Kg wet	1.67		66.2	40-140	1.89	30	
Hexachlorobenzene	1.42	0.34	mg/Kg wet	1.67		85.1	40-140	3.83	30	
Hexachlorobutadiene	1.26	0.34	mg/Kg wet	1.67		75.7	40-140	1.30	30	
Hexachlorocyclopentadiene	0.826	0.66	mg/Kg wet	1.67		49.6	40-140	4.54	30	
Hexachloroethane	1.16	0.34	mg/Kg wet	1.67		69.6	40-140	2.13	30	
Indeno(1,2,3-cd)pyrene	1.25	0.17	mg/Kg wet	1.67		74.8	40-140	6.91	30	
Isophorone	1.35	0.34	mg/Kg wet	1.67		81.1	40-140	2.98	30	
1-Methylnaphthalene	1.28	0.17	mg/Kg wet	1.67		76.8	40-140	1.42	30	
2-Methylnaphthalene	1.28	0.17	mg/Kg wet	1.67		76.7	40-140	3.18	30	
2-Methylphenol	1.45	0.34	mg/Kg wet	1.67		86.9	30-130	4.37	30	
3/4-Methylphenol	1.32	0.34	mg/Kg wet	1.67		79.1	30-130	2.92	30	
Naphthalene	1.23	0.17	mg/Kg wet	1.67		73.9	40-140	2.19	30	
2-Nitroaniline	1.28	0.34	mg/Kg wet	1.67		76.6	40-140	3.26	30	
3-Nitroaniline	1.17	0.34	mg/Kg wet	1.67		70.0	30-140	9.93	30	†
4-Nitroaniline	1.17	0.34	mg/Kg wet	1.67		69.9	40-140	6.34	30	
Nitrobenzene	1.33	0.34	mg/Kg wet	1.67		79.8	40-140	0.225	30	
2-Nitrophenol	1.38	0.34	mg/Kg wet	1.67		82.8	30-130	1.88	30	
4-Nitrophenol	1.16	0.66	mg/Kg wet	1.67		69.7	30-130	5.27	50	‡
N-Nitrosodimethylamine	1.32	0.34	mg/Kg wet	1.67		79.2	40-140	2.20	30	
N-Nitrosodiphenylamine	1.97	0.34	mg/Kg wet	1.67		118	40-140	4.91	30	
N-Nitrosodi-n-propylamine	1.21	0.34	mg/Kg wet	1.67		72.8	40-140	0.248	30	
Pentachloronitrobenzene	1.36	0.34	mg/Kg wet	1.67		81.5	40-140	2.16	30	V-16

QUALITY CONTROL
Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B063279 - SW-846 3546
LCS Dup (B063279-BSD1)

Prepared: 11/20/12 Analyzed: 11/21/12

Pentachlorophenol	1.15	0.34	mg/Kg wet	1.67		69.1	30-130	7.95	30	
Phenanthrene	1.31	0.17	mg/Kg wet	1.67		78.5	40-140	3.08	30	
Phenol	1.10	0.34	mg/Kg wet	1.67		66.2	30-130	1.28	30	
Pyrene	1.28	0.17	mg/Kg wet	1.67		76.9	40-140	3.06	30	
Pyridine	0.904	0.34	mg/Kg wet	1.67		54.2	30-140	12.5	30	†
1,2,4,5-Tetrachlorobenzene	1.27	0.34	mg/Kg wet	1.67		76.1	40-140	0.0263	30	
1,2,4-Trichlorobenzene	1.29	0.34	mg/Kg wet	1.67		77.4	40-140	0.700	30	
2,4,5-Trichlorophenol	1.16	0.34	mg/Kg wet	1.67		69.7	30-130	9.54	30	
2,4,6-Trichlorophenol	1.35	0.34	mg/Kg wet	1.67		80.8	30-130	2.94	30	
Surrogate: 2-Fluorophenol	6.38		mg/Kg wet	6.67		95.7	30-130			
Surrogate: Phenol-d6	5.23		mg/Kg wet	6.67		78.4	30-130			
Surrogate: Nitrobenzene-d5	2.61		mg/Kg wet	3.33		78.2	30-130			
Surrogate: 2-Fluorobiphenyl	2.32		mg/Kg wet	3.33		69.5	30-130			
Surrogate: 2,4,6-Tribromophenol	5.52		mg/Kg wet	6.67		82.7	30-130			
Surrogate: Terphenyl-d14	2.50		mg/Kg wet	3.33		75.1	30-130			

QUALITY CONTROL
Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B063183 - SW-846 3546
Blank (B063183-BLK1)

Prepared & Analyzed: 11/20/12

alpha-Chlordane	ND	0.0050	mg/Kg wet							
alpha-Chlordane [2C]	ND	0.0050	mg/Kg wet							
gamma-Chlordane	ND	0.0050	mg/Kg wet							
gamma-Chlordane [2C]	ND	0.0050	mg/Kg wet							
Alachlor	ND	0.020	mg/Kg wet							
Alachlor [2C]	ND	0.020	mg/Kg wet							
Aldrin	ND	0.0050	mg/Kg wet							
Aldrin [2C]	ND	0.0050	mg/Kg wet							
alpha-BHC	ND	0.0050	mg/Kg wet							
alpha-BHC [2C]	ND	0.0050	mg/Kg wet							
beta-BHC	ND	0.0050	mg/Kg wet							
beta-BHC [2C]	ND	0.0050	mg/Kg wet							
delta-BHC	ND	0.0050	mg/Kg wet							
delta-BHC [2C]	ND	0.0050	mg/Kg wet							
gamma-BHC (Lindane)	ND	0.0020	mg/Kg wet							
gamma-BHC (Lindane) [2C]	ND	0.0020	mg/Kg wet							
Chlordane	ND	0.020	mg/Kg wet							
Chlordane [2C]	ND	0.020	mg/Kg wet							
4,4'-DDD	ND	0.0040	mg/Kg wet							
4,4'-DDD [2C]	ND	0.0040	mg/Kg wet							
4,4'-DDE	ND	0.0040	mg/Kg wet							
4,4'-DDE [2C]	ND	0.0040	mg/Kg wet							
4,4'-DDT	ND	0.0040	mg/Kg wet							
4,4'-DDT [2C]	ND	0.0040	mg/Kg wet							
Dieldrin	ND	0.0040	mg/Kg wet							
Dieldrin [2C]	ND	0.0040	mg/Kg wet							
Endosulfan I	ND	0.0050	mg/Kg wet							
Endosulfan I [2C]	ND	0.0050	mg/Kg wet							
Endosulfan II	ND	0.0080	mg/Kg wet							
Endosulfan II [2C]	ND	0.0080	mg/Kg wet							
Endosulfan Sulfate	ND	0.0080	mg/Kg wet							
Endosulfan Sulfate [2C]	ND	0.0080	mg/Kg wet							
Endrin	ND	0.0080	mg/Kg wet							
Endrin [2C]	ND	0.0080	mg/Kg wet							
Endrin Aldehyde	ND	0.0080	mg/Kg wet							
Endrin Aldehyde [2C]	ND	0.0080	mg/Kg wet							
Endrin Ketone	ND	0.0080	mg/Kg wet							
Endrin Ketone [2C]	ND	0.0080	mg/Kg wet							
Heptachlor	ND	0.0050	mg/Kg wet							
Heptachlor [2C]	ND	0.0050	mg/Kg wet							
Heptachlor Epoxide	ND	0.0050	mg/Kg wet							
Heptachlor Epoxide [2C]	ND	0.0050	mg/Kg wet							
Hexachlorobenzene	ND	0.0060	mg/Kg wet							
Hexachlorobenzene [2C]	ND	0.0060	mg/Kg wet							
Methoxychlor	ND	0.050	mg/Kg wet							
Methoxychlor [2C]	ND	0.050	mg/Kg wet							
Toxaphene	ND	0.10	mg/Kg wet							
Toxaphene [2C]	ND	0.10	mg/Kg wet							
Surrogate: Decachlorobiphenyl	0.181		mg/Kg wet	0.200		90.5	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.179		mg/Kg wet	0.200		89.3	30-150			
Surrogate: Tetrachloro-m-xylene	0.179		mg/Kg wet	0.200		89.3	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.174		mg/Kg wet	0.200		86.8	30-150			

QUALITY CONTROL
Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B063183 - SW-846 3546										
LCS (B063183-BS1)				Prepared & Analyzed: 11/20/12						
Alachlor	0.021	0.020	mg/Kg wet	0.0200		106	40-140			
Alachlor [2C]	0.022	0.020	mg/Kg wet	0.0200		109	40-140			
Aldrin	0.022	0.0050	mg/Kg wet	0.0200		109	40-140			
Aldrin [2C]	0.022	0.0050	mg/Kg wet	0.0200		110	40-140			
alpha-BHC	0.021	0.0050	mg/Kg wet	0.0200		106	40-140			
alpha-BHC [2C]	0.021	0.0050	mg/Kg wet	0.0200		104	40-140			
beta-BHC	0.021	0.0050	mg/Kg wet	0.0200		106	40-140			
beta-BHC [2C]	0.021	0.0050	mg/Kg wet	0.0200		106	40-140			
delta-BHC	0.021	0.0050	mg/Kg wet	0.0200		107	40-140			
delta-BHC [2C]	0.021	0.0050	mg/Kg wet	0.0200		107	40-140			
gamma-BHC (Lindane)	0.021	0.0020	mg/Kg wet	0.0200		103	40-140			
gamma-BHC (Lindane) [2C]	0.021	0.0020	mg/Kg wet	0.0200		105	40-140			
4,4'-DDD	0.022	0.0040	mg/Kg wet	0.0200		112	40-140			
4,4'-DDD [2C]	0.022	0.0040	mg/Kg wet	0.0200		110	40-140			
4,4'-DDE	0.022	0.0040	mg/Kg wet	0.0200		108	40-140			
4,4'-DDE [2C]	0.022	0.0040	mg/Kg wet	0.0200		110	40-140			
4,4'-DDT	0.023	0.0040	mg/Kg wet	0.0200		117	40-140			
4,4'-DDT [2C]	0.023	0.0040	mg/Kg wet	0.0200		116	40-140			
Dieldrin	0.022	0.0040	mg/Kg wet	0.0200		112	40-140			
Dieldrin [2C]	0.023	0.0040	mg/Kg wet	0.0200		113	40-140			
Endosulfan I	0.022	0.0050	mg/Kg wet	0.0200		108	40-140			
Endosulfan I [2C]	0.021	0.0050	mg/Kg wet	0.0200		107	40-140			
Endosulfan II	0.021	0.0080	mg/Kg wet	0.0200		107	40-140			
Endosulfan II [2C]	0.022	0.0080	mg/Kg wet	0.0200		110	40-140			
Endosulfan Sulfate	0.022	0.0080	mg/Kg wet	0.0200		110	40-140			
Endosulfan Sulfate [2C]	0.022	0.0080	mg/Kg wet	0.0200		109	40-140			
Endrin	0.022	0.0080	mg/Kg wet	0.0200		110	40-140			
Endrin [2C]	0.022	0.0080	mg/Kg wet	0.0200		109	40-140			
Endrin Aldehyde	0.022	0.0080	mg/Kg wet	0.0200		108	40-140			
Endrin Aldehyde [2C]	0.022	0.0080	mg/Kg wet	0.0200		110	40-140			
Endrin Ketone	0.021	0.0080	mg/Kg wet	0.0200		107	40-140			
Endrin Ketone [2C]	0.021	0.0080	mg/Kg wet	0.0200		106	40-140			
Heptachlor	0.022	0.0050	mg/Kg wet	0.0200		109	40-140			
Heptachlor [2C]	0.022	0.0050	mg/Kg wet	0.0200		109	40-140			
Heptachlor Epoxide	0.021	0.0050	mg/Kg wet	0.0200		107	40-140			
Heptachlor Epoxide [2C]	0.022	0.0050	mg/Kg wet	0.0200		108	40-140			
Hexachlorobenzene	0.022	0.0060	mg/Kg wet	0.0200		109	40-140			
Hexachlorobenzene [2C]	0.020	0.0060	mg/Kg wet	0.0200		101	40-140			
Methoxychlor	0.023	0.050	mg/Kg wet	0.0200		117	40-140			
Methoxychlor [2C]	0.023	0.050	mg/Kg wet	0.0200		114	40-140			
Surrogate: Decachlorobiphenyl	0.177		mg/Kg wet	0.200		88.7	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.172		mg/Kg wet	0.200		86.1	30-150			
Surrogate: Tetrachloro-m-xylene	0.179		mg/Kg wet	0.200		89.3	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.174		mg/Kg wet	0.200		86.8	30-150			

QUALITY CONTROL
Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B063183 - SW-846 3546										
LCS Dup (B063183-BSD1)				Prepared & Analyzed: 11/20/12						
Alachlor	0.023	0.020	mg/Kg wet	0.0200		116	40-140	8.78	30	
Alachlor [2C]	0.023	0.020	mg/Kg wet	0.0200		116	40-140	5.97	30	
Aldrin	0.024	0.0050	mg/Kg wet	0.0200		120	40-140	9.60	30	
Aldrin [2C]	0.024	0.0050	mg/Kg wet	0.0200		122	40-140	10.1	30	
alpha-BHC	0.023	0.0050	mg/Kg wet	0.0200		117	40-140	10.1	30	
alpha-BHC [2C]	0.023	0.0050	mg/Kg wet	0.0200		115	40-140	9.86	30	
beta-BHC	0.023	0.0050	mg/Kg wet	0.0200		116	40-140	9.42	30	
beta-BHC [2C]	0.023	0.0050	mg/Kg wet	0.0200		116	40-140	9.38	30	
delta-BHC	0.023	0.0050	mg/Kg wet	0.0200		117	40-140	9.05	30	
delta-BHC [2C]	0.024	0.0050	mg/Kg wet	0.0200		118	40-140	9.63	30	
gamma-BHC (Lindane)	0.023	0.0020	mg/Kg wet	0.0200		114	40-140	9.70	30	
gamma-BHC (Lindane) [2C]	0.023	0.0020	mg/Kg wet	0.0200		115	40-140	9.19	30	
4,4'-DDD	0.024	0.0040	mg/Kg wet	0.0200		121	40-140	8.01	30	
4,4'-DDD [2C]	0.024	0.0040	mg/Kg wet	0.0200		120	40-140	9.41	30	
4,4'-DDE	0.024	0.0040	mg/Kg wet	0.0200		120	40-140	10.2	30	
4,4'-DDE [2C]	0.024	0.0040	mg/Kg wet	0.0200		121	40-140	9.63	30	
4,4'-DDT	0.025	0.0040	mg/Kg wet	0.0200		124	40-140	5.80	30	
4,4'-DDT [2C]	0.025	0.0040	mg/Kg wet	0.0200		123	40-140	5.96	30	
Dieldrin	0.025	0.0040	mg/Kg wet	0.0200		123	40-140	9.28	30	
Dieldrin [2C]	0.025	0.0040	mg/Kg wet	0.0200		125	40-140	10.1	30	
Endosulfan I	0.024	0.0050	mg/Kg wet	0.0200		118	40-140	9.49	30	
Endosulfan I [2C]	0.024	0.0050	mg/Kg wet	0.0200		118	40-140	10.3	30	
Endosulfan II	0.024	0.0080	mg/Kg wet	0.0200		118	40-140	9.79	30	
Endosulfan II [2C]	0.024	0.0080	mg/Kg wet	0.0200		118	40-140	7.24	30	
Endosulfan Sulfate	0.024	0.0080	mg/Kg wet	0.0200		120	40-140	8.70	30	
Endosulfan Sulfate [2C]	0.024	0.0080	mg/Kg wet	0.0200		120	40-140	9.55	30	
Endrin	0.024	0.0080	mg/Kg wet	0.0200		119	40-140	8.21	30	
Endrin [2C]	0.024	0.0080	mg/Kg wet	0.0200		119	40-140	8.62	30	
Endrin Aldehyde	0.024	0.0080	mg/Kg wet	0.0200		119	40-140	9.79	30	
Endrin Aldehyde [2C]	0.024	0.0080	mg/Kg wet	0.0200		120	40-140	8.90	30	
Endrin Ketone	0.024	0.0080	mg/Kg wet	0.0200		118	40-140	9.61	30	
Endrin Ketone [2C]	0.024	0.0080	mg/Kg wet	0.0200		118	40-140	10.6	30	
Heptachlor	0.024	0.0050	mg/Kg wet	0.0200		119	40-140	9.16	30	
Heptachlor [2C]	0.024	0.0050	mg/Kg wet	0.0200		120	40-140	9.42	30	
Heptachlor Epoxide	0.023	0.0050	mg/Kg wet	0.0200		117	40-140	9.26	30	
Heptachlor Epoxide [2C]	0.024	0.0050	mg/Kg wet	0.0200		118	40-140	8.62	30	
Hexachlorobenzene	0.024	0.0060	mg/Kg wet	0.0200		120	40-140	9.46	30	
Hexachlorobenzene [2C]	0.022	0.0060	mg/Kg wet	0.0200		111	40-140	9.54	30	
Methoxychlor	0.025	0.050	mg/Kg wet	0.0200		125	40-140	6.39	30	
Methoxychlor [2C]	0.025	0.050	mg/Kg wet	0.0200		124	40-140	8.12	30	
Surrogate: Decachlorobiphenyl	0.187		mg/Kg wet	0.200		93.6	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.184		mg/Kg wet	0.200		92.2	30-150			
Surrogate: Tetrachloro-m-xylene	0.188		mg/Kg wet	0.200		93.8	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.183		mg/Kg wet	0.200		91.3	30-150			

QUALITY CONTROL
Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B063236 - SW-846 3546
Blank (B063236-BLK1)

Prepared: 11/20/12 Analyzed: 11/21/12

Aroclor-1016	ND	0.020	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1221	ND	0.020	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1232	ND	0.020	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1242	ND	0.020	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1248	ND	0.020	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1254	ND	0.020	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1260	ND	0.020	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1262	ND	0.020	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1268	ND	0.020	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.020	mg/Kg wet							
Surrogate: Decachlorobiphenyl	0.155		mg/Kg wet	0.200		77.7	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.173		mg/Kg wet	0.200		86.5	30-150			
Surrogate: Tetrachloro-m-xylene	0.169		mg/Kg wet	0.200		84.3	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.151		mg/Kg wet	0.200		75.7	30-150			

LCS (B063236-BS1)

Prepared: 11/20/12 Analyzed: 11/21/12

Aroclor-1016	0.24	0.10	mg/Kg wet	0.200		118	40-140			
Aroclor-1016 [2C]	0.19	0.10	mg/Kg wet	0.200		95.2	40-140			
Aroclor-1260	0.18	0.10	mg/Kg wet	0.200		91.3	40-140			
Aroclor-1260 [2C]	0.18	0.10	mg/Kg wet	0.200		89.5	40-140			
Surrogate: Decachlorobiphenyl	0.157		mg/Kg wet	0.200		78.6	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.170		mg/Kg wet	0.200		84.9	30-150			
Surrogate: Tetrachloro-m-xylene	0.167		mg/Kg wet	0.200		83.3	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.149		mg/Kg wet	0.200		74.4	30-150			

LCS Dup (B063236-BSD1)

Prepared: 11/20/12 Analyzed: 11/21/12

Aroclor-1016	0.24	0.10	mg/Kg wet	0.200		121	40-140	2.35	30	
Aroclor-1016 [2C]	0.20	0.10	mg/Kg wet	0.200		99.6	40-140	4.47	30	
Aroclor-1260	0.19	0.10	mg/Kg wet	0.200		94.1	40-140	3.00	30	
Aroclor-1260 [2C]	0.19	0.10	mg/Kg wet	0.200		92.6	40-140	3.43	30	
Surrogate: Decachlorobiphenyl	0.160		mg/Kg wet	0.200		80.2	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.173		mg/Kg wet	0.200		86.4	30-150			
Surrogate: Tetrachloro-m-xylene	0.170		mg/Kg wet	0.200		85.0	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.150		mg/Kg wet	0.200		75.0	30-150			

QUALITY CONTROL
Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B063376 - SW-846 3510C										
Blank (B063376-BLK1)										
Prepared: 11/24/12 Analyzed: 11/26/12										
Aroclor-1016	ND	0.20	µg/L							
Aroclor-1016 [2C]	ND	0.20	µg/L							
Aroclor-1221	ND	0.20	µg/L							
Aroclor-1221 [2C]	ND	0.20	µg/L							
Aroclor-1232	ND	0.20	µg/L							
Aroclor-1232 [2C]	ND	0.20	µg/L							
Aroclor-1242	ND	0.20	µg/L							
Aroclor-1242 [2C]	ND	0.20	µg/L							
Aroclor-1248	ND	0.20	µg/L							
Aroclor-1248 [2C]	ND	0.20	µg/L							
Aroclor-1254	ND	0.20	µg/L							
Aroclor-1254 [2C]	ND	0.20	µg/L							
Aroclor-1260	ND	0.20	µg/L							
Aroclor-1260 [2C]	ND	0.20	µg/L							
Surrogate: Decachlorobiphenyl	1.22		µg/L	2.00		61.1	30-150			
Surrogate: Decachlorobiphenyl [2C]	1.27		µg/L	2.00		63.4	30-150			
Surrogate: Tetrachloro-m-xylene	1.42		µg/L	2.00		71.2	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.45		µg/L	2.00		72.5	30-150			
LCS (B063376-BS1)										
Prepared: 11/24/12 Analyzed: 11/26/12										
Aroclor-1016	0.44	0.20	µg/L	0.500		88.0	50-114			
Aroclor-1016 [2C]	0.46	0.20	µg/L	0.500		92.3	50-114			
Aroclor-1260	0.41	0.20	µg/L	0.500		81.0	8-127			
Aroclor-1260 [2C]	0.43	0.20	µg/L	0.500		86.2	8-127			
Surrogate: Decachlorobiphenyl	1.13		µg/L	2.00		56.5	30-150			
Surrogate: Decachlorobiphenyl [2C]	1.17		µg/L	2.00		58.7	30-150			
Surrogate: Tetrachloro-m-xylene	1.45		µg/L	2.00		72.4	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.47		µg/L	2.00		73.7	30-150			
LCS Dup (B063376-BSD1)										
Prepared: 11/24/12 Analyzed: 11/26/12										
Aroclor-1016	0.44	0.20	µg/L	0.500		88.4	50-114	0.451		
Aroclor-1016 [2C]	0.46	0.20	µg/L	0.500		91.2	50-114	1.19		
Aroclor-1260	0.41	0.20	µg/L	0.500		82.4	8-127	1.65		
Aroclor-1260 [2C]	0.44	0.20	µg/L	0.500		87.3	8-127	1.22		
Surrogate: Decachlorobiphenyl	1.21		µg/L	2.00		60.3	30-150			
Surrogate: Decachlorobiphenyl [2C]	1.25		µg/L	2.00		62.3	30-150			
Surrogate: Tetrachloro-m-xylene	1.42		µg/L	2.00		71.0	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.45		µg/L	2.00		72.3	30-150			

QUALITY CONTROL
Petroleum Hydrocarbons Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B063220 - SW-846 3546
Blank (B063220-BLK1)

Prepared & Analyzed: 11/20/12

Diesel Range Organics	ND	8.3	mg/Kg wet							
Surrogate: o-Terphenyl	2.60		mg/Kg wet	3.33		78.0	40-140			

LCS (B063220-BS1)

Prepared & Analyzed: 11/20/12

Diesel Range Organics	20.9	8.3	mg/Kg wet	33.3		62.8	40-140			
Surrogate: o-Terphenyl	2.27		mg/Kg wet	3.33		68.1	40-140			

LCS Dup (B063220-BSD1)

Prepared & Analyzed: 11/20/12

Diesel Range Organics	24.8	8.3	mg/Kg wet	33.3		74.3	40-140	16.8		
Surrogate: o-Terphenyl	2.66		mg/Kg wet	3.33		79.8	40-140			

Batch B063243 - SW-846 5035/5030B
Blank (B063243-BLK1)

Prepared & Analyzed: 11/20/12

Gasoline Range Organics (GRO)	ND	1.0	mg/Kg wet							
Surrogate: 1-Chloro-3-fluorobenzene	0.0139		mg/Kg wet	0.0150		93.0	70-130			

LCS (B063243-BS1)

Prepared & Analyzed: 11/20/12

Gasoline Range Organics (GRO)	0.235	0.010	mg/Kg wet	0.250		94.1	80-120			
Surrogate: 1-Chloro-3-fluorobenzene	0.0137		mg/Kg wet	0.0150		91.1	70-130			

QUALITY CONTROL
Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B063192 - SW-846 7471
Blank (B063192-BLK1)

Prepared: 11/20/12 Analyzed: 11/21/12

Mercury	ND	0.025	mg/Kg wet

LCS (B063192-BS1)

Prepared: 11/20/12 Analyzed: 11/21/12

Mercury	3.96	0.32	mg/Kg wet	3.73	106	71.7-128.3

LCS Dup (B063192-BSD1)

Prepared: 11/20/12 Analyzed: 11/21/12

Mercury	4.01	0.33	mg/Kg wet	3.73	108	71.7-128.3	1.24	30

Batch B063208 - SW-846 3050B
Blank (B063208-BLK1)

Prepared: 11/20/12 Analyzed: 11/21/12

Aluminum	ND	2.5	mg/Kg wet
Antimony	ND	2.5	mg/Kg wet
Arsenic	ND	2.5	mg/Kg wet
Barium	ND	2.5	mg/Kg wet
Beryllium	ND	0.25	mg/Kg wet
Cadmium	ND	0.25	mg/Kg wet
Calcium	ND	7.5	mg/Kg wet
Chromium	ND	0.50	mg/Kg wet
Cobalt	ND	2.5	mg/Kg wet
Copper	ND	0.50	mg/Kg wet
Iron	ND	2.5	mg/Kg wet
Lead	ND	0.75	mg/Kg wet
Magnesium	ND	7.5	mg/Kg wet
Manganese	ND	0.50	mg/Kg wet
Nickel	ND	0.50	mg/Kg wet
Potassium	ND	100	mg/Kg wet
Selenium	ND	2.5	mg/Kg wet
Silver	ND	0.50	mg/Kg wet
Sodium	ND	100	mg/Kg wet
Thallium	ND	2.5	mg/Kg wet
Vanadium	ND	1.0	mg/Kg wet
Zinc	ND	1.0	mg/Kg wet

LCS (B063208-BS1)

Prepared: 11/20/12 Analyzed: 11/21/12

Aluminum	7410	5.0	mg/Kg wet	8360	88.7	40.4-159.1
Antimony	92.1	5.0	mg/Kg wet	92.9	99.2	8.2-191.6
Arsenic	95.9	5.0	mg/Kg wet	94.5	101	82.2-117.5
Barium	171	5.0	mg/Kg wet	166	103	83.1-116.3
Beryllium	57.1	0.50	mg/Kg wet	52.6	109	83.8-116.2
Cadmium	59.5	0.50	mg/Kg wet	59.9	99.3	84-115.9
Calcium	6300	15	mg/Kg wet	6160	102	82.3-117.5
Chromium	69.9	0.99	mg/Kg wet	69.3	101	81.4-118.6
Cobalt	103	5.0	mg/Kg wet	101	102	83.8-115.8
Copper	88.9	0.99	mg/Kg wet	78.0	114	83.7-116.2
Iron	11500	5.0	mg/Kg wet	12800	89.8	50.6-149.2
Lead	89.0	1.5	mg/Kg wet	91.7	97.1	82.4-117.8
Magnesium	3000	15	mg/Kg wet	3030	98.9	76.2-123.8
Manganese	283	0.99	mg/Kg wet	283	100	81.6-118
Nickel	56.4	0.99	mg/Kg wet	56.6	99.6	82.2-117.8
Potassium	3820	200	mg/Kg wet	3820	100	73.6-126.4
Selenium	151	9.9	mg/Kg wet	159	95.1	79.2-120.8
Silver	32.8	0.99	mg/Kg wet	33.9	96.7	66.4-133.9
Sodium	677	200	mg/Kg wet	652	104	73.6-126.2

QUALITY CONTROL
Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B063208 - SW-846 3050B
LCS (B063208-BS1)

Prepared: 11/20/12 Analyzed: 11/21/12

Thallium	116	5.0	mg/Kg wet	119		97.3	81.1-119.3			
Vanadium	58.2	2.0	mg/Kg wet	56.3		103	72.8-127.2			
Zinc	133	2.0	mg/Kg wet	137		97.4	81-119			

LCS (B063208-BS2)

Prepared: 11/20/12 Analyzed: 11/21/12

Lead	0.868	0.73	mg/Kg wet	0.728		119	80-120			

LCS Dup (B063208-BSD1)

Prepared: 11/20/12 Analyzed: 11/21/12

Aluminum	6970	5.0	mg/Kg wet	8360		83.3	40.4-159.1	6.25	30	
Antimony	89.9	5.0	mg/Kg wet	92.9		96.8	8.2-191.6	2.41	30	
Arsenic	92.2	5.0	mg/Kg wet	94.5		97.6	82.2-117.5	3.93	30	
Barium	165	5.0	mg/Kg wet	166		99.4	83.1-116.3	3.29	30	
Beryllium	54.4	0.50	mg/Kg wet	52.6		103	83.8-116.2	4.85	30	
Cadmium	57.9	0.50	mg/Kg wet	59.9		96.6	84-115.9	2.69	30	
Calcium	6050	15	mg/Kg wet	6160		98.2	82.3-117.5	4.11	30	
Chromium	68.2	0.99	mg/Kg wet	69.3		98.4	81.4-118.6	2.39	30	
Cobalt	99.8	5.0	mg/Kg wet	101		98.8	83.8-115.8	2.86	30	
Copper	93.2	0.99	mg/Kg wet	78.0		119	* 83.7-116.2	4.68	30	L-07
Iron	11000	5.0	mg/Kg wet	12800		86.1	50.6-149.2	4.20	30	
Lead	86.7	1.5	mg/Kg wet	91.7		94.6	82.4-117.8	2.59	30	
Magnesium	2840	15	mg/Kg wet	3030		93.7	76.2-123.8	5.48	30	
Manganese	273	0.99	mg/Kg wet	283		96.6	81.6-118	3.57	30	
Nickel	55.0	0.99	mg/Kg wet	56.6		97.1	82.2-117.8	2.51	30	
Potassium	3630	200	mg/Kg wet	3820		95.0	73.6-126.4	5.10	30	
Selenium	148	9.9	mg/Kg wet	159		92.9	79.2-120.8	2.35	30	
Silver	32.4	0.99	mg/Kg wet	33.9		95.4	66.4-133.9	1.31	30	
Sodium	642	200	mg/Kg wet	652		98.5	73.6-126.2	5.27	30	
Thallium	112	5.0	mg/Kg wet	119		94.1	81.1-119.3	3.34	30	
Vanadium	56.6	2.0	mg/Kg wet	56.3		101	72.8-127.2	2.74	30	
Zinc	132	2.0	mg/Kg wet	137		96.4	81-119	1.08	30	

Batch B063216 - SW-846 7470A Prep
Blank (B063216-BLK1)

Prepared: 11/20/12 Analyzed: 11/21/12

Mercury	ND	0.00010	mg/L							

LCS (B063216-BS1)

Prepared: 11/20/12 Analyzed: 11/21/12

Mercury	0.00199	0.00010	mg/L	0.00200		99.4	80-120			

LCS Dup (B063216-BSD1)

Prepared: 11/20/12 Analyzed: 11/21/12

Mercury	0.00198	0.00010	mg/L	0.00200		98.9	80-120	0.430	20	

QUALITY CONTROL
Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B063258 - SW-846 3005A
Blank (B063258-BLK1)

Prepared: 11/20/12 Analyzed: 11/27/12

Aluminum	ND	0.050	mg/L							
Calcium	ND	0.15	mg/L							
Iron	ND	0.050	mg/L							
Magnesium	ND	0.15	mg/L							
Potassium	ND	2.0	mg/L							
Sodium	ND	2.0	mg/L							

LCS (B063258-BS2)

Prepared: 11/20/12 Analyzed: 11/27/12

Aluminum	2.17	0.050	mg/L	2.00		109	80-120			
Calcium	2.23	0.15	mg/L	2.00		112	80-120			
Iron	2.13	0.050	mg/L	2.00		107	80-120			
Magnesium	2.26	0.15	mg/L	2.00		113	80-120			
Potassium	21.6	2.0	mg/L	20.0		108	80-120			
Sodium	2.20	2.0	mg/L	2.00		110	80-120			

LCS Dup (B063258-BSD2)

Prepared: 11/20/12 Analyzed: 11/27/12

Aluminum	2.17	0.050	mg/L	2.00		109	80-120	0.00336	20	
Calcium	2.24	0.15	mg/L	2.00		112	80-120	0.0867	20	
Iron	2.13	0.050	mg/L	2.00		106	80-120	0.0430	20	
Magnesium	2.26	0.15	mg/L	2.00		113	80-120	0.347	20	
Potassium	21.6	2.0	mg/L	20.0		108	80-120	0.0466	20	
Sodium	2.19	2.0	mg/L	2.00		110	80-120	0.287	20	

Batch B063448 - SW-846 3005A
Blank (B063448-BLK1)

Prepared: 11/20/12 Analyzed: 11/26/12

Antimony	ND	5.0	µg/L							
Arsenic	ND	2.0	µg/L							
Barium	ND	50	µg/L							
Beryllium	ND	2.0	µg/L							
Cadmium	ND	2.5	µg/L							
Chromium	ND	5.0	µg/L							
Cobalt	ND	5.0	µg/L							
Copper	ND	25	µg/L							
Lead	ND	5.0	µg/L							
Manganese	ND	5.0	µg/L							
Nickel	ND	25	µg/L							
Selenium	ND	25	µg/L							
Silver	ND	2.5	µg/L							
Thallium	ND	1.0	µg/L							
Vanadium	ND	25	µg/L							
Zinc	ND	50	µg/L							

QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B063448 - SW-846 3005A

LCS (B063448-BS1)

Prepared: 11/20/12 Analyzed: 11/26/12

Antimony	522	10	µg/L	500		104	80-120			
Arsenic	504	4.0	µg/L	500		101	80-120			
Barium	507	100	µg/L	500		101	80-120			
Beryllium	480	4.0	µg/L	500		96.0	80-120			
Cadmium	517	5.0	µg/L	500		103	80-120			
Chromium	540	10	µg/L	500		108	80-120			
Cobalt	518	10	µg/L	500		104	80-120			
Copper	527	50	µg/L	500		105	80-120			
Lead	523	10	µg/L	500		105	80-120			
Manganese	541	10	µg/L	500		108	80-120			
Nickel	518	50	µg/L	500		104	80-120			
Selenium	519	50	µg/L	500		104	80-120			
Silver	530	5.0	µg/L	500		106	80-120			
Thallium	476	2.0	µg/L	500		95.3	80-120			
Vanadium	538	50	µg/L	500		108	80-120			
Zinc	529	100	µg/L	500		106	80-120			

LCS Dup (B063448-BSD1)

Prepared: 11/20/12 Analyzed: 11/26/12

Antimony	503	10	µg/L	500		101	80-120	3.65	20	
Arsenic	493	4.0	µg/L	500		98.6	80-120	2.24	20	
Barium	480	100	µg/L	500		95.9	80-120	5.60	20	
Beryllium	485	4.0	µg/L	500		97.1	80-120	1.09	20	
Cadmium	495	5.0	µg/L	500		98.9	80-120	4.41	20	
Chromium	524	10	µg/L	500		105	80-120	3.06	20	
Cobalt	516	10	µg/L	500		103	80-120	0.478	20	
Copper	513	50	µg/L	500		103	80-120	2.73	20	
Lead	511	10	µg/L	500		102	80-120	2.28	20	
Manganese	528	10	µg/L	500		106	80-120	2.47	20	
Nickel	510	50	µg/L	500		102	80-120	1.49	20	
Selenium	513	50	µg/L	500		103	80-120	0.997	20	
Silver	541	5.0	µg/L	500		108	80-120	1.92	20	
Thallium	461	2.0	µg/L	500		92.3	80-120	3.21	20	
Vanadium	528	50	µg/L	500		106	80-120	1.89	20	
Zinc	515	100	µg/L	500		103	80-120	2.70	20	

QUALITY CONTROL
Metals Analyses (Dissolved) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B063215 - SW-846 7470A Prep										
Blank (B063215-BLK1)				Prepared: 11/20/12 Analyzed: 11/21/12						
Mercury	ND	0.00010	mg/L							
LCS (B063215-BS1)				Prepared: 11/20/12 Analyzed: 11/21/12						
Mercury	0.00194	0.00010	mg/L	0.00200		97.1	80-120			
LCS Dup (B063215-BSD1)				Prepared: 11/20/12 Analyzed: 11/21/12						
Mercury	0.00193	0.00010	mg/L	0.00200		96.5	80-120	0.666	20	
Batch B063262 - SW-846 3005A Dissolved										
Blank (B063262-BLK1)				Prepared: 11/20/12 Analyzed: 11/27/12						
Aluminum	ND	0.050	mg/L							
Calcium	ND	0.15	mg/L							
Iron	ND	0.050	mg/L							
Magnesium	ND	0.15	mg/L							
Potassium	ND	2.0	mg/L							
Sodium	ND	2.0	mg/L							
LCS (B063262-BS1)				Prepared: 11/20/12 Analyzed: 11/27/12						
Aluminum	2.09	0.050	mg/L	2.00		104	80-120			
Calcium	2.11	0.15	mg/L	2.00		106	80-120			
Iron	2.01	0.050	mg/L	2.00		101	80-120			
Magnesium	2.16	0.15	mg/L	2.00		108	80-120			
Potassium	20.7	2.0	mg/L	20.0		103	80-120			
Sodium	1.99	2.0	mg/L	2.00		99.3	80-120			
LCS Dup (B063262-BSD1)				Prepared: 11/20/12 Analyzed: 11/27/12						
Aluminum	2.12	0.050	mg/L	2.00		106	80-120	1.55	20	
Calcium	2.14	0.15	mg/L	2.00		107	80-120	1.56	20	
Iron	2.05	0.050	mg/L	2.00		102	80-120	1.73	20	
Magnesium	2.19	0.15	mg/L	2.00		110	80-120	1.61	20	
Potassium	20.9	2.0	mg/L	20.0		105	80-120	1.33	20	
Sodium	2.00	2.0	mg/L	2.00		100	80-120	0.731	20	
Duplicate (B063262-DUP2)				Source: 12K0685-04		Prepared: 11/20/12 Analyzed: 11/27/12				
Aluminum	ND	0.050	mg/L		ND			NC	20	
Calcium	67.0	0.15	mg/L		67.6			0.868	20	
Iron	ND	0.050	mg/L		ND			NC	20	
Magnesium	37.2	0.15	mg/L		37.7			1.22	20	
Potassium	6.07	2.0	mg/L		6.21			2.22	20	
Sodium	107	2.0	mg/L		105			2.12	20	

QUALITY CONTROL
Metals Analyses (Dissolved) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B063262 - SW-846 3005A Dissolved

Matrix Spike (B063262-MS2)		Source: 12K0685-04		Prepared: 11/20/12 Analyzed: 11/27/12						
Aluminum	0.505	0.050	mg/L	0.500	ND	101	75-125			
Calcium	66.8	0.15	mg/L	0.500	67.6	-164 *	75-125			MS-19
Iron	0.502	0.050	mg/L	0.500	ND	100	75-125			
Magnesium	37.4	0.15	mg/L	0.500	37.7	-66.8 *	75-125			MS-19
Potassium	11.3	2.0	mg/L	5.00	6.21	102	75-125			
Sodium	105	2.0	mg/L	0.500	105	121	75-125			

Batch B063268 - SW-846 3005A Dissolved

Blank (B063268-BLK1)		Prepared: 11/20/12 Analyzed: 11/27/12								
Antimony	ND	5.0	µg/L							
Arsenic	ND	2.0	µg/L							
Barium	ND	50	µg/L							
Beryllium	ND	2.0	µg/L							
Cadmium	ND	2.5	µg/L							
Chromium	ND	5.0	µg/L							
Cobalt	ND	5.0	µg/L							
Copper	ND	25	µg/L							
Lead	ND	5.0	µg/L							
Manganese	ND	5.0	µg/L							
Nickel	ND	25	µg/L							
Selenium	ND	25	µg/L							
Silver	ND	2.5	µg/L							
Thallium	ND	1.0	µg/L							
Vanadium	ND	25	µg/L							
Zinc	ND	50	µg/L							

LCS (B063268-BS1)		Prepared: 11/20/12 Analyzed: 11/27/12								
Antimony	514	10	µg/L	500		103	80-120			
Arsenic	502	4.0	µg/L	500		100	80-120			
Barium	526	100	µg/L	500		105	80-120			
Beryllium	472	4.0	µg/L	500		94.4	80-120			
Cadmium	496	5.0	µg/L	500		99.3	80-120			
Chromium	523	10	µg/L	500		105	80-120			
Cobalt	512	10	µg/L	500		102	80-120			
Copper	519	50	µg/L	500		104	80-120			
Lead	518	10	µg/L	500		104	80-120			
Manganese	520	10	µg/L	500		104	80-120			
Nickel	505	50	µg/L	500		101	80-120			
Selenium	520	50	µg/L	500		104	80-120			
Silver	525	5.0	µg/L	500		105	80-120			
Thallium	474	2.0	µg/L	500		94.9	80-120			
Vanadium	533	50	µg/L	500		107	80-120			
Zinc	522	100	µg/L	500		104	80-120			

QUALITY CONTROL
Metals Analyses (Dissolved) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B063268 - SW-846 3005A Dissolved
LCS Dup (B063268-BSD1)

Prepared: 11/20/12 Analyzed: 11/27/12

Antimony	516	10	µg/L	500		103	80-120	0.454	20	
Arsenic	505	4.0	µg/L	500		101	80-120	0.518	20	
Barium	527	100	µg/L	500		105	80-120	0.239	20	
Beryllium	483	4.0	µg/L	500		96.6	80-120	2.25	20	
Cadmium	508	5.0	µg/L	500		102	80-120	2.38	20	
Chromium	529	10	µg/L	500		106	80-120	1.16	20	
Cobalt	514	10	µg/L	500		103	80-120	0.331	20	
Copper	523	50	µg/L	500		105	80-120	0.725	20	
Lead	523	10	µg/L	500		105	80-120	0.871	20	
Manganese	521	10	µg/L	500		104	80-120	0.251	20	
Nickel	510	50	µg/L	500		102	80-120	1.02	20	
Selenium	516	50	µg/L	500		103	80-120	0.778	20	
Silver	524	5.0	µg/L	500		105	80-120	0.204	20	
Thallium	477	2.0	µg/L	500		95.4	80-120	0.563	20	
Vanadium	536	50	µg/L	500		107	80-120	0.584	20	
Zinc	534	100	µg/L	500		107	80-120	2.35	20	

Duplicate (B063268-DUP1)

Source: 12K0685-04

Prepared: 11/20/12 Analyzed: 11/27/12

Antimony	ND	5.0	µg/L		ND		NC	20		
Arsenic	ND	2.0	µg/L		ND		NC	20		
Barium	54.7	50	µg/L		51.9		5.28	20		
Beryllium	ND	2.0	µg/L		ND		NC	20		
Cadmium	ND	2.5	µg/L		ND		NC	20		
Chromium	ND	5.0	µg/L		ND		NC	20		
Cobalt	ND	5.0	µg/L		ND		NC	20		
Copper	ND	25	µg/L		ND		NC	20		
Lead	ND	5.0	µg/L		ND		NC	20		
Manganese	178	5.0	µg/L		167		6.33	20		
Nickel	ND	25	µg/L		ND		NC	20		
Selenium	ND	25	µg/L		ND		NC	20		
Silver	ND	2.5	µg/L		ND		NC	20		
Thallium	ND	1.0	µg/L		ND		NC	20		
Vanadium	ND	25	µg/L		ND		NC	20		
Zinc	ND	50	µg/L		ND		NC	20		

Matrix Spike (B063268-MS1)

Source: 12K0685-04

Prepared: 11/20/12 Analyzed: 11/27/12

Antimony	535	10	µg/L	500	ND	107	75-125			
Arsenic	512	4.0	µg/L	500	ND	102	75-125			
Barium	584	100	µg/L	500	51.9	106	75-125			
Beryllium	491	4.0	µg/L	500	ND	98.1	75-125			
Cadmium	515	5.0	µg/L	500	ND	103	75-125			
Chromium	546	10	µg/L	500	2.07	109	75-125			
Cobalt	519	10	µg/L	500	1.44	104	75-125			
Copper	525	50	µg/L	500	6.57	104	75-125			
Lead	539	10	µg/L	500	ND	108	75-125			
Manganese	679	10	µg/L	500	167	102	75-125			
Nickel	513	50	µg/L	500	9.72	101	75-125			
Selenium	524	50	µg/L	500	4.06	104	75-125			
Silver	429	5.0	µg/L	500	ND	85.8	75-125			
Thallium	490	2.0	µg/L	500	ND	98.0	75-125			
Vanadium	549	50	µg/L	500	ND	110	75-125			
Zinc	536	100	µg/L	500	10.0	105	75-125			

QUALITY CONTROL
Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B063191 - % Solids										
Duplicate (B063191-DUP3)	Source: 12K0685-06			Prepared: 11/20/12 Analyzed: 11/21/12						
% Solids	88.1		% Wt		87.7			0.455	20	
Batch B063240 - SW-846 9045C										
LCS (B063240-BS1)	Prepared & Analyzed: 11/20/12									
pH	6.05		pH Units	6.00		101	93.7-106			
LCS (B063240-BS2)	Prepared & Analyzed: 11/20/12									
pH	6.02		pH Units	6.00		100	93.7-106			
LCS (B063240-BS3)	Prepared & Analyzed: 11/20/12									
pH	6.03		pH Units	6.00		100	93.7-106			
Batch B063306 - SM18-20 5210B										
LCS (B063306-BS1)	Prepared & Analyzed: 11/21/12									
Carbonaceous BOD	160	2.0	mg/L	200		79.8	* 85-115			L-03
Batch B063332 - SM18-20 2540B										
Blank (B063332-BLK1)	Prepared & Analyzed: 11/21/12									
Total Solids	ND	10	mg/L							
LCS (B063332-BS1)	Prepared & Analyzed: 11/21/12									
Total Solids	188	10	mg/L	200		94.0	76.1-120			
Batch B063340 - SM18-20 2540D										
Blank (B063340-BLK1)	Prepared & Analyzed: 11/21/12									
Total Suspended Solids	ND	2.5	mg/L							
LCS (B063340-BS1)	Prepared & Analyzed: 11/21/12									
Total Suspended Solids	200	10	mg/L	200		100	81.6-108			
Duplicate (B063340-DUP1)	Source: 12K0685-07			Prepared & Analyzed: 11/21/12						
Total Suspended Solids	10000	50	mg/L		8500			19.5	* 5	R-02
Batch B063341 - SW-846 9014										
Blank (B063341-BLK1)	Prepared & Analyzed: 11/21/12									
Cyanide	ND	0.50	mg/Kg wet							

QUALITY CONTROL
Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B063341 - SW-846 9014										
LCS (B063341-BS1)				Prepared & Analyzed: 11/21/12						
Cyanide	58	2.4	mg/Kg wet	57.9		100	80-120			
LCS Dup (B063341-BSD1)				Prepared & Analyzed: 11/21/12						
Cyanide	63	2.4	mg/Kg wet	58.1		109	80-120	8.40	20	
Matrix Spike (B063341-MS2)				Source: 12K0685-06		Prepared & Analyzed: 11/21/12				
Cyanide	14	0.43	mg/Kg dry	14.7	ND	97.5	75-125			
Matrix Spike Dup (B063341-MSD2)				Source: 12K0685-06		Prepared & Analyzed: 11/21/12				
Cyanide	17	0.47	mg/Kg dry	16.0	ND	105	75-125	16.1	35	
Batch B063395 - SM18-20 4500 CL B										
Blank (B063395-BLK1)				Prepared & Analyzed: 11/25/12						
Chloride	ND	1.0	mg/L							
LCS (B063395-BS1)				Prepared & Analyzed: 11/25/12						
Chloride	17		mg/L	17.0		99.2	85.6-118			
LCS Dup (B063395-BSD1)				Prepared & Analyzed: 11/25/12						
Chloride	17		mg/L	17.0		99.2	85.6-118	0.00	4.02	
Batch B063505 - SW-846 7196A										
Blank (B063505-BLK1)				Prepared & Analyzed: 11/26/12						
Hexavalent Chromium	ND	0.16	mg/Kg wet							
LCS (B063505-BS1)				Prepared & Analyzed: 11/26/12						
Hexavalent Chromium	200	9.8	mg/Kg wet	214		95.0	80-120			
LCS Dup (B063505-BSD1)				Prepared & Analyzed: 11/26/12						
Hexavalent Chromium	180	9.9	mg/Kg wet	217		84.0	80-120	11.1	20	
Batch B063520 - SW-846 7196A										
Blank (B063520-BLK1)				Prepared & Analyzed: 11/20/12						
Hexavalent Chromium	ND	0.0040	mg/L							
LCS (B063520-BS1)				Prepared & Analyzed: 11/20/12						
Hexavalent Chromium	0.098	0.0040	mg/L	0.100		98.1	80-120			

QUALITY CONTROL
Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B063520 - SW-846 7196A										
LCS Dup (B063520-BSD1)				Prepared & Analyzed: 11/20/12						
Hexavalent Chromium	0.11	0.0040	mg/L	0.100		114	80-120	14.7	20	
Matrix Spike (B063520-MS1)				Source: 12K0685-07		Prepared & Analyzed: 11/20/12				
Hexavalent Chromium	0.10	0.0040	mg/L	0.100	ND	100	75-125			
Matrix Spike Dup (B063520-MSD1)				Source: 12K0685-07		Prepared & Analyzed: 11/20/12				
Hexavalent Chromium	0.10	0.0040	mg/L	0.100	ND	102	75-125	1.93	20	
Batch B063522 - EPA 1664A										
Blank (B063522-BLK1)				Prepared & Analyzed: 11/27/12						
Silica Gel Treated HEM (SGT-HEM)	ND	1.4	mg/L							
LCS (B063522-BS1)				Prepared & Analyzed: 11/27/12						
Silica Gel Treated HEM (SGT-HEM)	20		mg/L	20.0		100	64-132			
LCS Dup (B063522-BSD1)				Prepared & Analyzed: 11/27/12						
Silica Gel Treated HEM (SGT-HEM)	19		mg/L	20.0		95.0	64-132	5.63	18	
Batch B063584 - SW-846 1010										
Blank (B063584-BLK1)				Prepared & Analyzed: 11/28/12						
Flashpoint	> 212 °F		°F							
LCS (B063584-BS1)				Prepared & Analyzed: 11/28/12						
Flashpoint	81		°F	81.0		99.5	98.8-101			
LCS Dup (B063584-BSD1)				Prepared & Analyzed: 11/28/12						
Flashpoint	81		°F	81.0		99.5	98.8-101	0.00	1.61	
Batch B063604 - EPA 420.1										
Blank (B063604-BLK1)				Prepared & Analyzed: 11/28/12						
Phenol	ND	0.050	mg/L							
LCS (B063604-BS1)				Prepared & Analyzed: 11/28/12						
Phenol	0.46	0.050	mg/L	0.500		91.6	86.1-135			
LCS Dup (B063604-BSD1)				Prepared & Analyzed: 11/28/12						
Phenol	0.49	0.050	mg/L	0.500		98.2	86.1-135	6.86	16.8	

QUALITY CONTROL
Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B063604 - EPA 420.1										
Duplicate (B063604-DUP1)	Source: 12K0685-07			Prepared & Analyzed: 11/28/12						
Phenol	ND	0.050	mg/L		ND			NC	20	
Matrix Spike (B063604-MS1)	Source: 12K0685-07			Prepared & Analyzed: 11/28/12						
Phenol	0.41	0.050	mg/L	0.500	ND	81.9	51.4-141			
Batch B063612 - SM19-20 4500-N Org B,C/-NH3 C										
Blank (B063612-BLK1)				Prepared & Analyzed: 11/28/12						
Total Kjeldahl Nitrogen	ND	1.0	mg/L							
LCS (B063612-BS1)				Prepared & Analyzed: 11/28/12						
Total Kjeldahl Nitrogen	9.8	1.0	mg/L	10.0		98.4	76.3-114			
Batch B063670 - SM 4500 NO3-F										
Blank (B063670-BLK1)				Prepared & Analyzed: 11/29/12						
Nitrate/Nitrite as N	ND	0.050	mg/L							
LCS (B063670-BS1)				Prepared & Analyzed: 11/29/12						
Nitrate/Nitrite as N	4.8		mg/L	4.70		103	92.4-111			
LCS Dup (B063670-BSD1)				Prepared & Analyzed: 11/29/12						
Nitrate/Nitrite as N	4.7		mg/L	4.70		101	92.4-111	1.88	7.23	
Duplicate (B063670-DUP1)	Source: 12K0685-07			Prepared & Analyzed: 11/29/12						
Nitrate/Nitrite as N	19	0.50	mg/L		19			0.536	21	
Matrix Spike (B063670-MS1)	Source: 12K0685-07			Prepared & Analyzed: 11/29/12						
Nitrate/Nitrite as N	22	0.50	mg/L	3.98	19	90.4	72.7-132			

BREAKDOWN REPORT

Lab Sample ID:	S003285-PEM1	Analyzed:	11/20/2012

Column Number:	1

Analyte	% Breakdown
4,4'-DDT [1]	1.79

BREAKDOWN REPORT

Lab Sample ID:	S003285-PEM2	Analyzed:	11/20/2012

Column Number:	1

Analyte	% Breakdown
4,4'-DDT [1]	1.57

BREAKDOWN REPORT

Lab Sample ID:	S003290-PEM1	Analyzed:	11/21/2012

Column Number:	1

Analyte	% Breakdown
4,4'-DDT [1]	2.46

BREAKDOWN REPORT

Lab Sample ID:	S003285-PEM1	Analyzed:	11/20/2012

Column Number:	2

Analyte	% Breakdown
4,4'-DDT [2]	2.36

BREAKDOWN REPORT

Lab Sample ID:	S003285-PEM2	Analyzed:	11/20/2012

BREAKDOWN REPORT

Lab Sample ID:	S003285-PEM2	Analyzed:	11/20/2012

Column Number:	2

Analyte	% Breakdown
4,4'-DDT [2]	2.02

BREAKDOWN REPORT

Lab Sample ID:	S003290-PEM1	Analyzed:	11/21/2012

Column Number:	2

Analyte	% Breakdown
4,4'-DDT [2]	3.13

BREAKDOWN REPORT

Lab Sample ID:	S003285-PEM1	Analyzed:	11/20/2012

Column Number:	1

Analyte	% Breakdown
Endrin [1]	2.22

BREAKDOWN REPORT

Lab Sample ID:	S003285-PEM2	Analyzed:	11/20/2012

Column Number:	1

Analyte	% Breakdown
Endrin [1]	2.03

BREAKDOWN REPORT

Lab Sample ID:	S003290-PEM1	Analyzed:	11/21/2012

BREAKDOWN REPORT

Lab Sample ID:	S003290-PEM1	Analyzed:	11/21/2012

Column Number:	1

Analyte	% Breakdown

Endrin [1]	2.47

BREAKDOWN REPORT

Lab Sample ID:	S003285-PEM1	Analyzed:	11/20/2012

Column Number:	2

Analyte	% Breakdown

Endrin [2]	2.12

BREAKDOWN REPORT

Lab Sample ID:	S003285-PEM2	Analyzed:	11/20/2012

Column Number:	2

Analyte	% Breakdown

Endrin [2]	2.02

BREAKDOWN REPORT

Lab Sample ID:	S003290-PEM1	Analyzed:	11/21/2012

Column Number:	2

Analyte	% Breakdown

Endrin [2]	2.52

FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
DL-03	Elevated reporting limit due to matrix.
L-03	Laboratory fortified blank/laboratory control sample recovery is outside of control limits. Reported value for this compound is likely to be biased on the low side.
L-04	Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.
L-07	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.
L-07A	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD outside of control limits. Reduced precision anticipated for any reported result for this compound.
MS-08	Matrix spike recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.
MS-09	Matrix spike recovery and matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.
MS-14	Matrix spike recovery is outside of control limits. Data validation is not affected since sample result is "not detected" and recovery bias is on the high side for this compound.
MS-16	For solid method SW846-7196A, the matrix spike is outside of control limits. pH and ORP results were indicative of reducing conditions. Reanalysis is not required. Analysis is in control based on LCS recoveries.
MS-19	Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.
MS-23	Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is outside of the method specified criteria. Reduced precision anticipated for any reported result for this compound.
R-02	Duplicate RPD is outside of control limits. Outlier can be attributed to sample non-homogeneity encountered during sample prep.
R-05	Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.
R-06	Matrix spike duplicate RPD is outside of control limits. Reduced precision is anticipated for reported result for this compound in this sample.
RL-01	Elevated reporting limit due to high concentration of target compounds. Requested reporting limit not met.
S-19	Surrogate recovery is outside of control limits, matrix interference suspected. Reanalysis yielded similar surrogate non-conformance.
T-06	Samples were received directly from sampling in the field on ice.
V-04	Initial calibration did not meet method specifications. Compound was calibrated using a response factor where %RSD is outside of method specified criteria.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.
V-06	Continuing calibration did not meet method specifications and was biased on the high side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the high side.
V-16	Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy may be associated with reported result.
V-19	Initial calibration did not meet method specifications. Compound was calibrated using linear regression with correlation coefficient <0.99.
V-20	Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.
W-06	Elevated method reporting limit due to intense color of sample

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA 420.1 in Water	
Phenol	CT,MA,NH,NY,RI,NC,ME,VA
EPA 608 in Water	
Aroclor-1016	CT,MA,NH,NY,RI,NC,ME,VA
Aroclor-1016 [2C]	CT,MA,NH,NY,RI,NC,ME,VA
Aroclor-1221	CT,MA,NH,NY,RI,NC,ME,VA
Aroclor-1221 [2C]	CT,MA,NH,NY,RI,NC,ME,VA
Aroclor-1232	CT,MA,NH,NY,RI,NC,ME,VA
Aroclor-1232 [2C]	CT,MA,NH,NY,RI,NC,ME,VA
Aroclor-1242	CT,MA,NH,NY,RI,NC,ME,VA
Aroclor-1242 [2C]	CT,MA,NH,NY,RI,NC,ME,VA
Aroclor-1248	CT,MA,NH,NY,RI,NC,ME,VA
Aroclor-1248 [2C]	CT,MA,NH,NY,RI,NC,ME,VA
Aroclor-1254	CT,MA,NH,NY,RI,NC,ME,VA
Aroclor-1254 [2C]	CT,MA,NH,NY,RI,NC,ME,VA
Aroclor-1260	CT,MA,NH,NY,RI,NC,ME,VA
Aroclor-1260 [2C]	CT,MA,NH,NY,RI,NC,ME,VA
EPA 624 in Water	
Acrylonitrile	CT,MA,NH,NY,RI,NC,ME,VA
Benzene	CT,MA,NH,NY,RI,NC,ME,VA
Bromodichloromethane	CT,MA,NH,NY,RI,NC,ME,VA
Bromoform	CT,MA,NH,NY,RI,NC,ME,VA
Bromomethane	CT,MA,NH,NY,RI,NC,ME,VA
Carbon Tetrachloride	CT,MA,NH,NY,RI,NC,ME,VA
Chlorobenzene	CT,MA,NH,NY,RI,NC,ME,VA
Chlorodibromomethane	CT,MA,NH,NY,RI,NC,ME,VA
Chloroethane	CT,MA,NH,NY,RI,NC,ME,VA
2-Chloroethyl Vinyl Ether	CT,MA,NH,NY,RI,NC,ME,VA
Chloroform	CT,MA,NH,NY,RI,NC,ME,VA
Chloromethane	CT,MA,NH,NY,RI,NC,ME,VA
1,2-Dichlorobenzene	CT,MA,NH,NY,RI,NC,ME,VA
1,3-Dichlorobenzene	CT,MA,NH,NY,RI,NC,ME,VA
1,4-Dichlorobenzene	CT,MA,NH,NY,RI,NC,ME,VA
1,2-Dichloroethane	CT,MA,NH,NY,RI,NC,ME,VA
1,1-Dichloroethane	CT,MA,NH,NY,RI,NC,ME,VA
1,1-Dichloroethylene	CT,MA,NH,NY,RI,NC,ME,VA
trans-1,2-Dichloroethylene	CT,MA,NH,NY,RI,NC,ME,VA
1,2-Dichloropropane	CT,MA,NH,NY,RI,NC,ME,VA
cis-1,3-Dichloropropene	CT,MA,NH,NY,RI,NC,ME,VA
trans-1,3-Dichloropropene	CT,MA,NH,NY,RI,NC,ME,VA
Ethylbenzene	CT,MA,NH,NY,RI,NC,ME,VA
Methyl tert-Butyl Ether (MTBE)	NC
Methylene Chloride	CT,MA,NH,NY,RI,NC,ME,VA
Naphthalene	NC
1,1,2,2-Tetrachloroethane	CT,MA,NH,NY,RI,NC,ME,VA
Tetrachloroethylene	CT,MA,NH,NY,RI,NC,ME,VA
Toluene	CT,MA,NH,NY,RI,NC,ME,VA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>EPA 624 in Water</i>	
1,2,4-Trichlorobenzene	NC
1,1,1-Trichloroethane	CT,MA,NH,NY,RI,NC,ME,VA
1,1,2-Trichloroethane	CT,MA,NH,NY,RI,NC,ME,VA
Trichloroethylene	CT,MA,NH,NY,RI,NC,ME,VA
Trichlorofluoromethane (Freon 11)	CT,MA,NH,NY,RI,NC,ME,VA
Vinyl Chloride	CT,MA,NH,NY,RI,NC,ME,VA
m+p Xylene	CT,MA,NH,NY,RI,NC,VA
o-Xylene	CT,MA,NH,NY,RI,NC,VA
<i>SM 18-20 4500 NO3 F in Water</i>	
Nitrate/Nitrite as N	CT,MA,NH,NY,RI,NC,ME
<i>SM18-20 2540B in Water</i>	
Total Solids	NY,CT,RI,NH,NC,ME
<i>SM18-20 2540D in Water</i>	
Total Suspended Solids	CT,MA,NH,NY,RI,NC,ME
<i>SM18-20 4500 CL B in Water</i>	
Chloride	NH,CT,MA,NY,RI,NC,ME
<i>SM18-20 5210B in Water</i>	
Carbonaceous BOD	NY,CT,RI,NH,ME
<i>SM19-20 4500-N Org B,C/-NH3 C in Water</i>	
Total Kjeldahl Nitrogen	CT,MA,NH,NY,RI,NC,ME
<i>SW-846 6010C in Soil</i>	
Aluminum	CT,NH,NY,ME,VA
Antimony	CT,NH,NY,NC,ME,VA
Arsenic	CT,NH,NY,ME,NC,VA
Barium	CT,NH,NY,ME,NC,VA
Beryllium	CT,NH,NY,ME,NC,VA
Cadmium	CT,NH,NY,ME,NC,VA
Calcium	CT,NH,NY,ME,NC,VA
Chromium	CT,NH,NY,ME,NC,VA
Cobalt	CT,NH,NY,ME,NC,VA
Copper	CT,NH,NY,ME,NC,VA
Iron	CT,NH,NY,ME,NC,VA
Lead	CT,NH,NY,AIHA,ME,NC,VA
Magnesium	CT,NH,NY,ME,NC,VA
Manganese	CT,NH,NY,ME,NC,VA
Nickel	CT,NH,NY,ME,NC,VA
Potassium	CT,NH,NY,ME,NC,VA
Selenium	CT,NH,NY,ME,NC,VA
Silver	CT,NH,NY,ME,NC,VA
Sodium	CT,NH,NY,ME,NC,VA
Thallium	CT,NH,NY,ME,NC,VA
Vanadium	CT,NH,NY,ME,NC,VA
Zinc	CT,NH,NY,ME,NC,VA
<i>SW-846 6010C in Water</i>	

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 6010C in Water	
Aluminum	CT,NY,NH,RI,ME,VA
Aluminum	CT,NH,NY,RI,ME,VA
Calcium	CT,NH,NY,RI,ME,NC,VA
Calcium	CT,NH,NY,RI,NC,ME,VA
Iron	CT,NH,NY,RI,ME,NC,VA
Iron	CT,NH,NY,RI,ME,NC,VA
Magnesium	CT,NH,NY,RI,ME,NC,VA
Magnesium	CT,NH,NY,RI,NC,ME,VA
Potassium	CT,NH,NY,RI,ME,NC,VA
Potassium	CT,NH,NY,RI,ME,NC,VA
Sodium	CT,NH,RI,NY,ME,NC,VA
Sodium	CT,NH,NY,RI,NC,ME,VA
SW-846 6020A in Water	
Antimony	CT,NH,NY,RI,NC,ME,VA
Antimony	CT,NH,NY,RI,NC,ME,VA
Arsenic	CT,NH,NY,RI,NC,ME,VA
Arsenic	CT,NH,NY,RI,NC,ME,VA
Barium	MA,NY,CT,NC,NH,ME,VA
Barium	CT,NH,NY,RI,NC,ME,VA
Beryllium	CT,NH,NY,RI,NC,ME,VA
Beryllium	CT,NH,NY,RI,NC,ME,VA
Cadmium	CT,NH,NY,RI,NC,ME,VA
Cadmium	CT,NH,NY,RI,NC,ME,VA
Chromium	CT,NH,NY,RI,NC,ME,VA
Chromium	CT,NH,NY,RI,NC,ME,VA
Cobalt	CT,NH,NY,RI,NC,ME,VA
Cobalt	CT,NH,NY,RI,NC,ME,VA
Copper	CT,NH,NY,RI,NC,ME,VA
Copper	CT,NH,NY,RI,NC,ME,VA
Lead	CT,NH,NY,RI,NC,ME,VA
Lead	CT,NH,NY,RI,NC,ME,VA
Manganese	CT,NH,NY,RI,NC,ME,VA
Manganese	CT,NH,NY,RI,NC,ME,VA
Nickel	CT,NH,NY,RI,NC,ME,VA
Nickel	CT,NH,NY,RI,NC,ME,VA
Selenium	CT,NH,NY,RI,NC,ME,VA
Selenium	CT,NH,NY,RI,NC,ME,VA
Silver	CT,NH,NY,RI,NC,ME,VA
Silver	CT,NC,NH,NY,RI,ME,VA
Thallium	CT,NH,NY,RI,NC,ME,VA
Thallium	CT,NH,NY,RI,NC,ME,VA
Vanadium	CT,NH,NY,RI,NC,ME,VA
Vanadium	CT,NC,NH,NY,RI,ME,VA
Zinc	CT,NH,NY,RI,NC,ME,VA
Zinc	CT,NH,NY,RI,NC,ME,VA
SW-846 7196A in Soil	

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 7196A in Soil	
Hexavalent Chromium	NY,CT,NH,NC,ME,VA
SW-846 7196A in Water	
Hexavalent Chromium	CT,NH,NY,RI,NC,ME,VA
SW-846 7470A in Water	
Mercury	CT,NH,NY,RI,NC,ME,VA
Mercury	CT,NH,NY,RI,NC,ME,VA
SW-846 7471B in Soil	
Mercury	CT,NH,NY,NC,ME,VA
SW-846 8015C in Soil	
Gasoline Range Organics (GRO)	NY,NY,VA,NH
Diesel Range Organics	NY,VA,NH
SW-846 8081B in Soil	
Alachlor	NC
Alachlor [2C]	NC
Aldrin	CT,NH,NY,ME,NC,VA
Aldrin [2C]	CT,NH,NY,ME,NC,VA
alpha-BHC	CT,NH,NY,ME,NC,VA
alpha-BHC [2C]	CT,NH,NY,ME,NC,VA
beta-BHC	CT,NH,NY,ME,NC,VA
beta-BHC [2C]	CT,NH,NY,ME,NC,VA
delta-BHC	CT,NH,NY,ME,NC,VA
delta-BHC [2C]	CT,NH,NY,ME,NC,VA
gamma-BHC (Lindane)	CT,NH,NY,ME,NC,VA
gamma-BHC (Lindane) [2C]	CT,NH,NY,ME,NC,VA
Chlordane	CT,NH,NY,ME,NC,VA
Chlordane [2C]	CT,NH,NY,ME,NC,VA
4,4'-DDD	CT,NH,NY,ME,NC,VA
4,4'-DDD [2C]	CT,NH,NY,ME,NC,VA
4,4'-DDE	CT,NH,NY,ME,NC,VA
4,4'-DDE [2C]	CT,NH,NY,ME,NC,VA
4,4'-DDT	CT,NH,NY,ME,NC,VA
4,4'-DDT [2C]	CT,NH,NY,ME,NC,VA
Dieldrin	CT,NH,NY,ME,NC,VA
Dieldrin [2C]	CT,NH,NY,ME,NC,VA
Endosulfan I	CT,NH,NY,ME,NC,VA
Endosulfan I [2C]	CT,NH,NY,ME,NC,VA
Endosulfan II	CT,NH,NY,ME,NC,VA
Endosulfan II [2C]	CT,NH,NY,ME,NC,VA
Endosulfan Sulfate	CT,NH,NY,ME,NC,VA
Endosulfan Sulfate [2C]	CT,NH,NY,ME,NC,VA
Endrin	CT,NH,NY,ME,NC,VA
Endrin [2C]	CT,NH,NY,ME,NC,VA
Endrin Aldehyde	CT,NH,NY,ME,NC,VA
Endrin Aldehyde [2C]	CT,NH,NY,ME,NC,VA
Endrin Ketone	NC

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8081B in Soil</i>	
Endrin Ketone [2C]	NC
Heptachlor	CT,NH,NY,ME,NC,VA
Heptachlor [2C]	CT,NH,NY,ME,NC,VA
Heptachlor Epoxide	CT,NH,NY,ME,NC,VA
Heptachlor Epoxide [2C]	CT,NH,NY,ME,NC,VA
Hexachlorobenzene	NC
Hexachlorobenzene [2C]	NC
Methoxychlor	CT,NH,NY,ME,NC,VA
Methoxychlor [2C]	CT,NH,NY,ME,NC,VA
Toxaphene	CT,NH,NY,ME,NC,VA
Toxaphene [2C]	CT,NH,NY,ME,NC,VA
<i>SW-846 8081B in Water</i>	
Alachlor	NC
Alachlor [2C]	NC
Aldrin	CT,NH,NY,RI,ME,NC,VA
Aldrin [2C]	CT,NH,NY,RI,ME,NC,VA
alpha-BHC	CT,NH,NY,RI,ME,NC,VA
alpha-BHC [2C]	CT,NH,NY,RI,ME,NC,VA
beta-BHC	CT,NH,NY,RI,ME,NC,VA
beta-BHC [2C]	CT,NH,NY,RI,ME,NC,VA
delta-BHC	CT,NH,NY,RI,ME,NC,VA
delta-BHC [2C]	CT,NH,NY,RI,ME,NC,VA
gamma-BHC (Lindane)	CT,NH,NY,RI,ME,NC,VA
gamma-BHC (Lindane) [2C]	CT,NH,NY,RI,ME,NC,VA
Chlordane	CT,NH,NY,RI,ME,NC,VA
Chlordane [2C]	CT,NH,NY,RI,ME,NC,VA
4,4'-DDD	CT,NH,NY,RI,ME,NC,VA
4,4'-DDD [2C]	CT,NH,NY,RI,ME,NC,VA
4,4'-DDE	CT,NH,NY,RI,ME,NC,VA
4,4'-DDE [2C]	CT,NH,NY,RI,ME,NC,VA
4,4'-DDT	CT,NH,NY,RI,ME,NC,VA
4,4'-DDT [2C]	CT,NH,NY,RI,ME,NC,VA
Dieldrin	CT,NH,NY,RI,ME,NC,VA
Dieldrin [2C]	CT,NH,NY,RI,ME,NC,VA
Endosulfan I	CT,NH,NY,RI,ME,NC,VA
Endosulfan I [2C]	CT,NH,NY,RI,ME,NC,VA
Endosulfan II	CT,NH,NY,RI,ME,NC,VA
Endosulfan II [2C]	CT,NH,NY,RI,ME,NC,VA
Endosulfan Sulfate	CT,NH,NY,RI,ME,NC,VA
Endosulfan Sulfate [2C]	CT,NH,NY,RI,ME,NC,VA
Endrin	CT,NH,NY,RI,ME,NC,VA
Endrin [2C]	CT,NH,NY,RI,ME,NC,VA
Endrin Aldehyde	CT,NH,NY,RI,ME,NC,VA
Endrin Aldehyde [2C]	CT,NH,NY,RI,ME,NC,VA
Endrin Ketone	NC
Endrin Ketone [2C]	NC

CERTIFICATIONS
Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8081B in Water</i>	
Heptachlor	CT,NH,NY,RI,ME,NC,VA
Heptachlor [2C]	CT,NH,NY,RI,ME,NC,VA
Heptachlor Epoxide	CT,NH,NY,RI,ME,NC,VA
Heptachlor Epoxide [2C]	CT,NH,NY,RI,ME,NC,VA
Hexachlorobenzene	NC
Hexachlorobenzene [2C]	NC
Methoxychlor	CT,NH,NY,RI,ME,NC,VA
Methoxychlor [2C]	CT,NH,NY,RI,ME,NC,VA
Toxaphene	CT,NH,NY,RI,ME,NC,VA
Toxaphene [2C]	CT,NH,NY,RI,ME,NC,VA
<i>SW-846 8082A in Soil</i>	
Aroclor-1016	CT,NH,NY,NC,ME,VA
Aroclor-1016 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1221	CT,NH,NY,NC,ME,VA
Aroclor-1221 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1232	CT,NH,NY,NC,ME,VA
Aroclor-1232 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1242	CT,NH,NY,NC,ME,VA
Aroclor-1242 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1248	CT,NH,NY,NC,ME,VA
Aroclor-1248 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1254	CT,NH,NY,NC,ME,VA
Aroclor-1254 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1260	CT,NH,NY,NC,ME,VA
Aroclor-1260 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1262	NC
Aroclor-1262 [2C]	NC
Aroclor-1268	NC
Aroclor-1268 [2C]	NC
<i>SW-846 8260C in Soil</i>	
Acetone	CT,NH,NY,ME,VA
Acetone	CT,NH,NY,ME,VA
Acrylonitrile	CT,NH,NY,ME,VA
Acrylonitrile	CT,NH,NY,ME,VA
Benzene	CT,NH,NY,ME,VA
Benzene	CT,NH,NY,ME,VA
Bromobenzene	NH,NY,ME,VA
Bromobenzene	NH,NY,ME,VA
Bromochloromethane	NH,NY,ME,VA
Bromochloromethane	NH,NY,ME,VA
Bromodichloromethane	CT,NH,NY,ME,VA
Bromodichloromethane	CT,NH,NY,ME,VA
Bromoform	CT,NH,NY,ME,VA
Bromoform	CT,NH,NY,ME,VA
Bromomethane	CT,NH,NY,ME,VA
Bromomethane	CT,NH,NY,ME,VA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8260C in Soil</i>	
2-Butanone (MEK)	CT,NH,NY,ME,VA
2-Butanone (MEK)	CT,NH,NY,ME,VA
n-Butylbenzene	CT,NH,NY,ME,VA
n-Butylbenzene	CT,NH,NY,ME,VA
sec-Butylbenzene	CT,NH,NY,ME,VA
sec-Butylbenzene	CT,NH,NY,ME,VA
tert-Butylbenzene	CT,NH,NY,ME,VA
tert-Butylbenzene	CT,NH,NY,ME,VA
Carbon Disulfide	CT,NH,NY,ME,VA
Carbon Disulfide	CT,NH,NY,ME,VA
Carbon Tetrachloride	CT,NH,NY,ME,VA
Carbon Tetrachloride	CT,NH,NY,ME,VA
Chlorobenzene	CT,NH,NY,ME,VA
Chlorobenzene	CT,NH,NY,ME,VA
Chlorodibromomethane	CT,NH,NY,ME,VA
Chlorodibromomethane	CT,NH,NY,ME,VA
Chloroethane	CT,NH,NY,ME,VA
Chloroethane	CT,NH,NY,ME,VA
2-Chloroethyl Vinyl Ether	NH,NY
2-Chloroethyl Vinyl Ether	NY
Chloroform	CT,NH,NY,ME,VA
Chloroform	CT,NH,NY,ME,VA
Chloromethane	CT,NH,NY,ME,VA
Chloromethane	CT,NH,NY,ME,VA
2-Chlorotoluene	CT,NH,NY,ME,VA
2-Chlorotoluene	CT,NH,NY,ME,VA
4-Chlorotoluene	CT,NH,NY,ME,VA
4-Chlorotoluene	CT,NH,NY,ME,VA
Dibromomethane	NH,NY,ME,VA
Dibromomethane	NH,NY,ME,VA
1,2-Dichlorobenzene	CT,NH,NY,ME,VA
1,2-Dichlorobenzene	CT,NH,NY,ME,VA
1,3-Dichlorobenzene	CT,NH,NY,ME,VA
1,3-Dichlorobenzene	CT,NH,NY,ME,VA
1,4-Dichlorobenzene	CT,NH,NY,ME,VA
1,4-Dichlorobenzene	CT,NH,NY,ME,VA
Dichlorodifluoromethane (Freon 12)	NY,ME,VA
Dichlorodifluoromethane (Freon 12)	NH,NY,ME,VA
1,1-Dichloroethane	CT,NH,NY,ME,VA
1,1-Dichloroethane	CT,NH,NY,ME,VA
1,2-Dichloroethane	CT,NH,NY,ME,VA
1,2-Dichloroethane	CT,NH,NY,ME,VA
1,1-Dichloroethylene	CT,NH,NY,ME,VA
1,1-Dichloroethylene	CT,NH,NY,ME,VA
cis-1,2-Dichloroethylene	CT,NH,NY,ME,VA
cis-1,2-Dichloroethylene	CT,NH,NY,ME,VA
trans-1,2-Dichloroethylene	CT,NH,NY,ME,VA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8260C in Soil</i>	
trans-1,2-Dichloroethylene	CT,NH,NY,ME,VA
1,2-Dichloropropane	CT,NH,NY,ME,VA
1,2-Dichloropropane	CT,NH,NY,ME,VA
1,3-Dichloropropane	NH,NY,ME,VA
1,3-Dichloropropane	NH,NY,ME,VA
2,2-Dichloropropane	NH,NY,ME,VA
2,2-Dichloropropane	NH,NY,ME,VA
1,1-Dichloropropene	NH,NY,ME,VA
1,1-Dichloropropene	NH,NY,ME,VA
cis-1,3-Dichloropropene	CT,NH,NY,ME,VA
cis-1,3-Dichloropropene	CT,NH,NY,ME,VA
trans-1,3-Dichloropropene	CT,NH,NY,ME,VA
trans-1,3-Dichloropropene	CT,NH,NY,ME,VA
Ethylbenzene	CT,NH,NY,ME,VA
Ethylbenzene	CT,NH,NY,ME,VA
Hexachlorobutadiene	NH,NY,ME,VA
Hexachlorobutadiene	NH,NY,ME,VA
2-Hexanone (MBK)	CT,NH,NY,ME,VA
2-Hexanone (MBK)	CT,NH,NY,ME,VA
Isopropylbenzene (Cumene)	CT,NH,NY,ME,VA
Isopropylbenzene (Cumene)	CT,NH,NY,ME,VA
p-Isopropyltoluene (p-Cymene)	NH,NY
p-Isopropyltoluene (p-Cymene)	NH,NY
Methyl tert-Butyl Ether (MTBE)	NY,VA
Methyl tert-Butyl Ether (MTBE)	NY,VA
Methylene Chloride	CT,NH,NY,ME,VA
Methylene Chloride	CT,NH,NY,ME,VA
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,VA
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,VA
Naphthalene	NH,NY,ME,VA
Naphthalene	NH,NY,ME,VA
n-Propylbenzene	NH,NY
n-Propylbenzene	NH,NY
Styrene	CT,NH,NY,ME,VA
Styrene	CT,NH,NY,ME,VA
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME,VA
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME,VA
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME,VA
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME,VA
Tetrachloroethylene	CT,NH,NY,ME,VA
Tetrachloroethylene	CT,NH,NY,ME,VA
Toluene	CT,NH,NY,ME,VA
Toluene	CT,NH,NY,ME,VA
1,2,3-Trichlorobenzene	ME
1,2,4-Trichlorobenzene	NH,NY,ME,VA
1,2,4-Trichlorobenzene	NH,NY,ME,VA
1,3,5-Trichlorobenzene	ME

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8260C in Soil</i>	
1,1,1-Trichloroethane	CT,NH,NY,ME,VA
1,1,1-Trichloroethane	CT,NH,NY,ME,VA
1,1,2-Trichloroethane	CT,NH,NY,ME,VA
1,1,2-Trichloroethane	CT,NH,NY,ME,VA
Trichloroethylene	CT,NH,NY,ME,VA
Trichloroethylene	CT,NH,NY,ME,VA
Trichlorofluoromethane (Freon 11)	CT,NH,NY,VA
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME,VA
1,2,3-Trichloropropane	NH,NY,ME,VA
1,2,3-Trichloropropane	NH,NY,ME,VA
1,2,4-Trimethylbenzene	CT,NH,NY,ME,VA
1,2,4-Trimethylbenzene	CT,NH,NY,ME,VA
1,3,5-Trimethylbenzene	CT,NH,NY,ME,VA
1,3,5-Trimethylbenzene	CT,NH,NY,ME,VA
Vinyl Chloride	CT,NH,NY,ME,VA
Vinyl Chloride	CT,NH,NY,ME,VA
m+p Xylene	CT,NH,NY,ME,VA
m+p Xylene	CT,NH,NY,ME,VA
o-Xylene	CT,NH,NY,ME,VA
o-Xylene	CT,NH,NY,ME,VA
<i>SW-846 8260C in Water</i>	
Acetone	CT,NY,ME,NH,VA
Acrylonitrile	CT,NY,ME,NH,RI,VA
tert-Amyl Methyl Ether (TAME)	NY,ME,NH,VA
Benzene	CT,NY,ME,NH,RI,VA
Bromochloromethane	NY,ME,NH,VA
Bromodichloromethane	CT,NY,ME,NH,RI,VA
Bromoform	CT,NY,ME,NH,RI,VA
Bromomethane	CT,NY,ME,NH,RI,VA
2-Butanone (MEK)	CT,NY,ME,NH,VA
tert-Butyl Alcohol (TBA)	NY,ME,NH,VA
n-Butylbenzene	NY,ME,VA
sec-Butylbenzene	NY,ME,VA
tert-Butylbenzene	NY,ME,VA
tert-Butyl Ethyl Ether (TBEE)	NY,ME,NH,VA
Carbon Disulfide	CT,NY,ME,NH,VA
Carbon Tetrachloride	CT,NY,ME,NH,RI,VA
Chlorobenzene	CT,NY,ME,NH,RI,VA
Chlorodibromomethane	CT,NY,ME,NH,RI,VA
Chloroethane	CT,NY,ME,NH,RI,VA
2-Chloroethyl Vinyl Ether	NY,RI
Chloroform	CT,NY,ME,NH,RI,VA
Chloromethane	CT,NY,ME,NH,RI,VA
2-Chlorotoluene	NY,ME,NH,VA
4-Chlorotoluene	NY,ME,NH,VA
Dibromomethane	NY,ME,NH,VA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8260C in Water</i>	
1,2-Dichlorobenzene	CT,NY,ME,NH,RI,VA
1,3-Dichlorobenzene	CT,NY,ME,NH,RI,VA
1,4-Dichlorobenzene	CT,NY,ME,NH,RI,VA
trans-1,4-Dichloro-2-butene	NY,ME,NH,VA
Dichlorodifluoromethane (Freon 12)	NY,ME,NH,RI,VA
1,1-Dichloroethane	CT,NY,ME,NH,RI,VA
1,2-Dichloroethane	CT,NY,ME,NH,RI,VA
1,1-Dichloroethylene	CT,NY,ME,NH,RI,VA
cis-1,2-Dichloroethylene	NY,ME
trans-1,2-Dichloroethylene	CT,NY,ME,NH,RI,VA
1,2-Dichloropropane	CT,NY,ME,NH,RI,VA
1,3-Dichloropropane	NY,ME,VA
2,2-Dichloropropane	NY,ME,NH,VA
1,1-Dichloropropene	NY,ME,NH,VA
cis-1,3-Dichloropropene	CT,NY,ME,NH,RI,VA
trans-1,3-Dichloropropene	CT,NY,ME,NH,RI,VA
Diisopropyl Ether (DIPE)	NY,ME,NH,VA
Ethylbenzene	CT,NY,ME,NH,RI,VA
Hexachlorobutadiene	CT,NY,ME,NH,VA
2-Hexanone (MBK)	CT,NY,ME,NH,VA
Isopropylbenzene (Cumene)	NY,ME,VA
p-Isopropyltoluene (p-Cymene)	CT,NY,ME,NH,VA
Methyl tert-Butyl Ether (MTBE)	CT,NY,ME,NH,VA
Methylene Chloride	CT,NY,ME,NH,RI,VA
4-Methyl-2-pentanone (MIBK)	CT,NY,ME,NH,VA
Naphthalene	NY,ME,NH,VA
n-Propylbenzene	CT,NY,ME,NH,VA
Styrene	CT,NY,ME,NH,VA
1,1,1,2-Tetrachloroethane	CT,NY,ME,NH,VA
1,1,2,2-Tetrachloroethane	CT,NY,ME,NH,RI,VA
Tetrachloroethylene	CT,NY,ME,NH,RI,VA
Toluene	CT,NY,ME,NH,RI,VA
1,2,3-Trichlorobenzene	NY,ME,NH,VA
1,2,4-Trichlorobenzene	CT,NY,ME,NH,VA
1,3,5-Trichlorobenzene	ME
1,1,1-Trichloroethane	CT,NY,ME,NH,RI,VA
1,1,2-Trichloroethane	CT,NY,ME,NH,RI,VA
Trichloroethylene	CT,NY,ME,NH,RI,VA
Trichlorofluoromethane (Freon 11)	CT,NY,ME,NH,RI,VA
1,2,3-Trichloropropane	NY,ME,NH,VA
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NY,VA
1,2,4-Trimethylbenzene	NY,ME,VA
1,3,5-Trimethylbenzene	NY,ME,VA
Vinyl Chloride	CT,NY,ME,NH,RI,VA
m+p Xylene	CT,NY,ME,NH,RI,VA
o-Xylene	CT,NY,ME,NH,RI,VA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8270D in Soil</i>	
Acenaphthene	CT,NY,NH,ME,NC
Acenaphthylene	CT,NY,NH,ME,NC
Acetophenone	NY,NH,ME,NC
Aniline	NY,NH,ME,NC
Anthracene	CT,NY,NH,ME,NC
Benzidine	CT,NY,NH,ME,NC
Benzo(a)anthracene	CT,NY,NH,ME,NC
Benzo(a)pyrene	CT,NY,NH,ME,NC
Benzo(b)fluoranthene	CT,NY,NH,ME,NC
Benzo(g,h,i)perylene	CT,NY,NH,ME,NC
Benzo(k)fluoranthene	CT,NY,NH,ME,NC
Benzoic Acid	NY,NH,ME,NC
Bis(2-chloroethoxy)methane	CT,NY,NH,ME,NC
Bis(2-chloroethyl)ether	CT,NY,NH,ME,NC
Bis(2-chloroisopropyl)ether	CT,NY,NH,ME,NC
Bis(2-Ethylhexyl)phthalate	CT,NY,NH,ME,NC
4-Bromophenylphenylether	CT,NY,NH,ME,NC
Butylbenzylphthalate	CT,NY,NH,ME,NC
Carbazole	NC
4-Chloroaniline	CT,NY,NH,ME,NC
4-Chloro-3-methylphenol	CT,NY,NH,ME,NC
2-Chloronaphthalene	CT,NY,NH,NC
2-Chlorophenol	CT,NY,NH,ME,NC
4-Chlorophenylphenylether	CT,NY,NH,ME,NC
Chrysene	CT,NY,NH,ME,NC
Dibenz(a,h)anthracene	CT,NY,NH,ME,NC
Dibenzofuran	CT,NY,NH,ME,NC
Di-n-butylphthalate	CT,NY,NH,ME,NC
1,2-Dichlorobenzene	NY,NH,ME,NC
1,3-Dichlorobenzene	NY,NH,ME,NC
1,4-Dichlorobenzene	NY,NH,ME,NC
3,3-Dichlorobenzidine	CT,NY,NH,ME,NC
2,4-Dichlorophenol	CT,NY,NH,ME,NC
Diethylphthalate	CT,NY,NH,ME,NC
2,4-Dimethylphenol	CT,NY,NH,ME,NC
Dimethylphthalate	CT,NY,NH,ME,NC
4,6-Dinitro-2-methylphenol	CT,NY,NH,ME,NC
2,4-Dinitrophenol	CT,NY,NH,ME,NC
2,4-Dinitrotoluene	CT,NY,NH,ME,NC
2,6-Dinitrotoluene	CT,NY,NH,ME,NC
Di-n-octylphthalate	CT,NY,NH,ME,NC
1,2-Diphenylhydrazine (as Azobenzene)	NY,NH,ME,NC
Fluoranthene	CT,NY,NH,ME,NC
Fluorene	NY,NH,ME,NC
Hexachlorobenzene	CT,NY,NH,ME,NC
Hexachlorobutadiene	CT,NY,NH,ME,NC
Hexachlorocyclopentadiene	CT,NY,NH,ME,NC

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8270D in Soil</i>	
Hexachloroethane	CT,NY,NH,ME,NC
Indeno(1,2,3-cd)pyrene	CT,NY,NH,ME,NC
Isophorone	CT,NY,NH,ME,NC
1-Methylnaphthalene	NC
2-Methylnaphthalene	CT,NY,NH,ME,NC
2-Methylphenol	CT,NY,NH,ME,NC
3/4-Methylphenol	CT,NY,NH,ME,NC
Naphthalene	CT,NY,NH,ME,NC
2-Nitroaniline	CT,NY,NH,ME,NC
3-Nitroaniline	CT,NY,NH,ME,NC
4-Nitroaniline	CT,NY,NH,ME,NC
Nitrobenzene	CT,NY,NH,ME,NC
2-Nitrophenol	CT,NY,NH,ME,NC
4-Nitrophenol	CT,NY,NH,ME,NC
N-Nitrosodimethylamine	CT,NY,NH,ME,NC
N-Nitrosodiphenylamine	CT,NY,NH,ME,NC
N-Nitrosodi-n-propylamine	CT,NY,NH,ME,NC
Pentachloronitrobenzene	NC
Pentachlorophenol	CT,NY,NH,ME,NC
Phenanthrene	CT,NY,NH,ME,NC
Phenol	CT,NY,NH,ME,NC
Pyrene	CT,NY,NH,ME,NC
Pyridine	CT,NY,NH,ME,NC
1,2,4,5-Tetrachlorobenzene	NC
1,2,4-Trichlorobenzene	CT,NY,NH,ME,NC
2,4,5-Trichlorophenol	CT,NY,NH,ME,NC
2,4,6-Trichlorophenol	CT,NY,NH,ME,NC
2-Fluorophenol	NC
<i>SW-846 8270D in Water</i>	
Acenaphthene	CT,NY,NC,ME,NH,RI
Acenaphthylene	CT,NY,NC,ME,NH,RI
Acetophenone	NC
Aniline	CT,NY,NC,ME
Anthracene	CT,NY,NC,ME,NH,RI
Benzidine	CT,NY,NC,ME,NH
Benzo(a)anthracene	CT,NY,NC,ME,NH,RI
Benzo(a)pyrene	CT,NY,NC,ME,NH,RI
Benzo(b)fluoranthene	CT,NY,NC,ME,NH,RI
Benzo(g,h,i)perylene	CT,NY,NC,ME,NH,RI
Benzo(k)fluoranthene	CT,NY,NC,ME,NH,RI
Benzoic Acid	NY,NC,ME,NH
Bis(2-chloroethoxy)methane	CT,NY,NC,ME,NH,RI
Bis(2-chloroethyl)ether	CT,NY,NC,ME,NH,RI
Bis(2-chloroisopropyl)ether	CT,NY,NC,ME,NH,RI
Bis(2-Ethylhexyl)phthalate	CT,NY,NC,ME,NH,RI
4-Bromophenylphenylether	CT,NY,NC,ME,NH,RI

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8270D in Water</i>	
Butylbenzylphthalate	CT,NY,NC,ME,NH,RI
Carbazole	NC
4-Chloroaniline	CT,NY,NC,ME,NH
4-Chloro-3-methylphenol	CT,NY,NC,ME,NH,RI
2-Chloronaphthalene	CT,NY,NC,ME,NH,RI
2-Chlorophenol	CT,NY,NC,ME,NH,RI
4-Chlorophenylphenylether	CT,NY,NC,ME,NH,RI
Chrysene	CT,NY,NC,ME,NH,RI
Dibenz(a,h)anthracene	CT,NY,NC,ME,NH,RI
Dibenzofuran	CT,NY,NC,ME,NH
Di-n-butylphthalate	CT,NY,NC,ME,NH,RI
1,2-Dichlorobenzene	CT,NY,NC,ME,NH,RI
1,3-Dichlorobenzene	CT,NY,NC,ME,NH,RI
1,4-Dichlorobenzene	CT,NY,NC,ME,NH,RI
3,3-Dichlorobenzidine	CT,NY,NC,ME,NH,RI
2,4-Dichlorophenol	CT,NY,NC,ME,NH,RI
Diethylphthalate	CT,NY,NC,ME,NH,RI
2,4-Dimethylphenol	CT,NY,NC,ME,NH,RI
Dimethylphthalate	CT,NY,NC,ME,NH,RI
4,6-Dinitro-2-methylphenol	CT,NY,NC,ME,NH,RI
2,4-Dinitrophenol	CT,NY,NC,ME,NH,RI
2,4-Dinitrotoluene	CT,NY,NC,ME,NH,RI
2,6-Dinitrotoluene	CT,NY,NC,ME,NH,RI
Di-n-octylphthalate	CT,NY,NC,ME,NH,RI
1,2-Diphenylhydrazine (as Azobenzene)	NC
Fluoranthene	CT,NY,NC,ME,NH,RI
Fluorene	NY,NC,ME,NH,RI
Hexachlorobenzene	CT,NY,NC,ME,NH,RI
Hexachlorobutadiene	CT,NY,NC,ME,NH,RI
Hexachlorocyclopentadiene	CT,NY,NC,ME,NH,RI
Hexachloroethane	CT,NY,NC,ME,NH,RI
Indeno(1,2,3-cd)pyrene	CT,NY,NC,ME,NH,RI
Isophorone	CT,NY,NC,ME,NH,RI
1-Methylnaphthalene	NC
2-Methylnaphthalene	CT,NY,NC,ME,NH
2-Methylphenol	CT,NY,NC,NH
3/4-Methylphenol	CT,NY,NC,NH
Naphthalene	CT,NY,NC,ME,NH,RI
2-Nitroaniline	CT,NY,NC,ME,NH
3-Nitroaniline	CT,NY,NC,ME,NH
4-Nitroaniline	CT,NY,NC,ME,NH
Nitrobenzene	CT,NY,NC,ME,NH,RI
2-Nitrophenol	CT,NY,NC,ME,NH,RI
4-Nitrophenol	CT,NY,NC,ME,NH,RI
N-Nitrosodimethylamine	CT,NY,NC,ME,NH,RI
N-Nitrosodiphenylamine	CT,NY,NC,ME,NH,RI
N-Nitrosodi-n-propylamine	CT,NY,NC,ME,NH,RI

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270D in Water	
Pentachloronitrobenzene	NC
Pentachlorophenol	CT,NY,NC,ME,NH,RI
Phenanthrene	CT,NY,NC,ME,NH,RI
Phenol	CT,NY,NC,ME,NH,RI
Pyrene	CT,NY,NC,ME,NH,RI
Pyridine	CT,NY,NC,ME,NH
1,2,4,5-Tetrachlorobenzene	NC
1,2,4-Trichlorobenzene	CT,NY,NC,ME,NH,RI
2,4,5-Trichlorophenol	CT,NY,NC,ME,NH
2,4,6-Trichlorophenol	CT,NY,NC,ME,NH,RI
2-Fluorophenol	NC
SW-846 9014 in Soil	
Cyanide	NY,CT,NC,ME,NH

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2014
MA	Massachusetts DEP	M-MA100	06/30/2013
CT	Connecticut Department of Public Health	PH-0567	09/30/2013
NY	New York State Department of Health	10899 NELAP	04/1/2013
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2013
RI	Rhode Island Department of Health	LAO00112	12/30/2012
NC	North Carolina Div. of Water Quality	652	12/31/2012
NJ	New Jersey DEP	MA007 NELAP	06/30/2013
FL	Florida Department of Health	E871027 NELAP	06/30/2013
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2013
WA	State of Washington Department of Ecology	C2065	02/23/2013
ME	State of Maine	2011028	06/9/2013
VA	Commonwealth of Virginia	460217	12/14/2012
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2012



Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Page 1 of 1

Company Name: **TRC Engineers, Inc.**

Telephone: **(212) 221-7822**

Address: **430 Broadway, 10th Fl**

Project # **195072.0000.0000**

City: **NEW YORK, NY 10013**

Client PO# **46919**

Attention: **Charles Guder**

DATA DELIVERY (check all that apply)
☐ FAX ☐ EMAIL ☐ WEBSITE

Project Location: **168 8th St / 208 9th St BK, NY**

Sampled By: **J. Raup**

Project Proposal Provided? (for billing purposes)
☐ Yes ☐ No

Format: ☐ PDF ☐ EXCEL ☐ GIS
☐ OTHER

Collection: ☐ "Enhanced Data Package"

Con-Test Lab ID	Client Sample ID / Description	Collection Date/Time	Ending Date/Time	Composite	Grab	*Matrix	Lab Code	TCL/Tables	TCL/CP51	TAL Metals	PCBs	Metals (filtered/unfiltered)	Hexavalent Chromium	TCL Pesticides	TPH - Dro / Gro	Cyanide	Sewer use parameters: metals, hex chrom flashot, 629 phenol PCBs TSS, BOD/CBOD N total solids, chloride, TPH, etc.
01	TRC-SB6(1-4)	11/11/12			X	S		X	X	X	X						
02	TRC-SB6(14-16)				X	S		X	X	X	X						
03	TRC-SB6(19-20)				X	S		X	X	X	X						
04	TRC-GW6				X	GW		X	X	X	X						
05	TRC-SB7(1-4)				X	S		X	X	X	X						
06	TRC-SB7(16-18)				X	S		X	X	X	X						
07	TRC-GW7				X	GW		X	X	X	X						
08	TRIP BLANK 3				X	BL		X	X	X	X						

Comments: *** Please hold TRC-SB6(19-20) until further notice. Analyze for TCL/CP51 VOCs & SVOCs**

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High, M - Medium, L - Low, C - Clean, U - Unknown

Relinquished by (signature): **Anna-Huang**

Turnaround ☐ 7-Day ☐ 10-Day ☐ Other

Received by (signature): **Charles Guder**

Detection Limit Requirements

Requested by (signature): **Anna-Huang**

Is your project MCP or RCP?

Received by (signature): **Anna-Huang**

MCP Form Required ☐ RCP Form Required ☐ MA State DW Form Required ☐ PWSID #

Received by (signature): **Anna-Huang**

Connected: ☐ Other: ☐

Received by (signature): **Anna-Huang**

NEIAC & AIHA-LAP, LLC Accredited

Received by (signature): **Anna-Huang**

WBE/DBE Certified

Received by (signature): **Anna-Huang**

WBE/DBE Certified

Received by (signature): **Anna-Huang**

WBE/DBE Certified

Received by (signature): **Anna-Huang**

WBE/DBE Certified

39 Spruce St.
East Longmeadow, MA. 01028
P: 413-525-2332
F: 413-525-6405
www.contestlabs.com



Sample Receipt Checklist

CLIENT NAME: TRC RECEIVED BY: VA DATE: 11/19

1) Was the chain(s) of custody relinquished and signed? Yes No No CoC Included

2) Does the chain agree with the samples? Yes No

If not, explain:

3) Are all the samples in good condition? Yes No

If not, explain:

4) How were the samples received:

On Ice ☒ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☒

Were the samples received in Temperature Compliance of (2-6°C)? Yes No N/A

Temperature °C by Temp blank _____ Temperature °C by Temp gun 10.0

5) Are there Dissolved samples for the lab to filter? Yes No

Who was notified _____ Date _____ Time _____

6) Are there any RUSH or SHORT HOLDING TIME samples? Yes No

Who was notified not available Date 11/19 Time 2015

7) Location where samples are stored:

19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____

8) Do all samples have the proper Acid pH: Yes No N/A

9) Do all samples have the proper Base pH: Yes No N/A

10) Was the PC notified of any discrepancies with the CoC vs the samples: Yes No N/A

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber	<u>4</u>	8 oz amber <u>clear</u> jar	<u>2</u>
500 mL Amber	<u>1</u>	4 oz amber <u>clear</u> jar	<u>1</u>
250 mL Amber (8oz amber)	<u>4</u>	2 oz amber/clear jar	
1 Liter Plastic	<u>1</u>	Air Cassette	
500 mL Plastic	<u>2</u>	Hg/Hopcalite Tube	
250 mL plastic	<u>1</u>	Plastic Bag / Ziploc	
40 mL Vial - type listed below	<u>14</u>	PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore	<u>5</u>	TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other	<u>1</u>	Other	

Laboratory Comments:

40 mL vials: # HCl 13 # Methanol 1

Doc# 277 # Bisulfate _____ # DI Water _____

Rev. 3 May 2012 # Thiosulfate _____ Unpreserved _____

Time and Date Frozen:



New York City Department of
Environmental Protection
www.nyc.gov/dep

NEW YORK CITY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WASTEWATER TREATMENT
IPP INSPECTION & PERMIT SECTION

**Procedure for Obtaining Letter of Approval for
Groundwater Discharge to Sanitary or Combined Sewer**

Applicant must submit:

1. One cover letter describing the project in details.
2. One complete Wastewater Quality Control (WQC) application.*
3. One Site Plan (to scale)*. The site plan must indicate, at a minimum:
 - Location, type (sanitary or combined) and size of the public sewer.
 - Existing and proposed sewer connections from the project site to the public sewer line (indicate whether the connecting pipe is above or below ground level).
 - Adjacent streets around the project site.
 - Location of equipment: pumps, pipes, pretreatment equipments, etc.
 - Location(s) of point(s) of discharge (POD).
 - Properly sized and approved pretreatment systems. Manufacturer specifications and engineering must also be submitted.
 - A detailed flow/layout diagram of the different types of pretreatment equipment used.
 - Clearly drawn property lines of the project site.
4. An analytical report of the groundwater to be discharged. Samples must be taken downstream from pretreatment equipment if such exists, and be representative of nature of proposed groundwater discharge. All laboratory analyses must be conducted by a New York State Department of Health certified wastewater laboratory for the parameters listed in Table A. The results must be certified by the laboratory and submitted on the laboratory's letterhead. For each sample, the laboratory report must indicate, at a minimum: the date of sampling, time sample was taken, sample location, chain of custody, sampling preservation procedures, analytical techniques used, date of analysis, units of measurement, and the laboratory's sample identification. Where the analytical result reported is below the method detection level, the laboratory report must also indicate the method detection level. The project name referenced on the analytical report must be identified exactly as it is in the WQC application.
5. If the proposed discharge exceeds 10,000 gallons per day, additional approval must be obtained from the NYC DEP's Bureau of Water and Sewer Operations, Division of Connections & Permitting. The contact person is Mr. Suresh Kumar, Associate Project Manager, and can be reached at (718) 595-5205.
6. Prior to commencement of discharge, the permittee must obtain a Dewatering Permit from respective Borough Office contingent to presenting the Letter(s) of Approval and upfront payment of sewer charges, if required.
7. The Letter of Approval is contingent upon permittee's compliance with any other Federal, State or Local laws applicable to the permitted activity.
8. The application must be signed by:
 - i. The officer or director if owner/applicant is a corporation; or
 - ii. The partner, general and limited, if owner/applicant is a partnership; or
 - iii. The officer, director, partner, or owner if owner/applicant is a limited liability company; or
 - iv. The owner, if owner/applicant is a sole proprietorship
9. All inquiries should be directed to the attention of Ms. Sophia Rabich at (718) 595-4707 or Mr. Sean Hulbert at (718) 595-4715.

* This document must include original stamp and signature of a NYS Registered Architect or a NYS Professional Engineer.

TABLE A
LIMITATIONS FOR EFFLUENT TO SANITARY OR COMBINED SEWERS

Parameter ¹	Daily Limit	Units	Sample Type	Monthly Limit
Non-polar material ²	50 mg/l		Instantaneous	---
pH 5-12		SU's	Instantaneous	---
Temperature	< 150	Degree F	Instantaneous	---
Flash Point	> 140	Degree F	Instantaneous	---
Cadmium	2 0.69	mg/l mg/l	Instantaneous Composite	---
Chromium (VI)	5	mg/l	Instantaneous	---
Copper 5		mg/l	Instantaneous	---
Lead 2		mg/l	Instantaneous	---
Mercury 0.05		mg/l	Instantaneous	---
Nickel 3		mg/l	Instantaneous	---
Zinc 5		mg/l	Instantaneous	---
Benzene 134		ppb	Instantaneous	57
Carbontetrachloride ---		---	Composite	---
Chloroform ---		---	Composite	---
1,4 Dichlorobenzene	---	---	Composite	---
Ethylbenzene 380		ppb	Instantaneous	142
MTBE (Methyl-Tert-Butyl-Ether)	50 ppb		Instantaneous	---
Naphthalene 47		ppb	Composite	19
Phenol ---		---	Composite	---
Tetrachloroethylene (Perc)	20	ppb	Instantaneous	---
Toluene	74	ppb	Instantaneous	28
1,2,4 Trichlorobenzene	---	---	Composite	---
1,1,1 Trichloroethane	---	---	Composite	---
Xylenes (Total)	74	ppb	Instantaneous	28
PCB's (Total) ³	1 ppb		Composite	---
Total Suspended Solids (TSS)	350 ⁴	mg/l Instantan	eous	---
CBOD ⁵	---		Composite	---
Chloride ⁵	---		Instantaneous	---
Total Nitrogen ⁵	---		Composite	---
Total Solids ⁵	---		Instantaneous	---
Other				

- All handling and preservation of collected samples and laboratory analyses of samples shall be performed in accordance with 40 C.F.R. pt. 136. If 40 C.F.R. pt. 136 does not cover the pollutant in question, the handling, preservation, and analysis must be performed in accordance with the latest edition of "Standard Methods for the Examination of Water and Wastewater." All analyses shall be performed using a detection level less than the lowest applicable regulatory discharge limit. If a parameter does not have a limit, then the detection level is defined as the least of the Practical Quantitation Limits identified in NYSDEC's Analytical Detectability and Quantitation Guidelines for Selected Environmental Parameters, December 1988.
- Analysis for *non-polar materials* must be done by EPA method 1664 Rev. A. Non-Polar Material shall mean that portion of the oil and grease that is not eliminated from a solution containing N-Hexane, or any other extraction solvent the EPA shall prescribe, by silica gel absorption.
- Analysis for PCB's is required if *both* conditions listed below are met:
 - if proposed discharge $\geq 10,000$ gpd;
 - if duration of a discharge > 10 days.

Analysis for PCB's must be done by EPA method 608 with MDL= <65 ppt. PCB's (total) is the sum of PCB-1242 (Arochlor 1242), PCB-1254 (Arochlor 1254), PCB-1221 (Arochlor 1221), PCB-1232 (Arochlor 1232), PCB-1248 (Arochlor 1248), PCB-1260 (Arochlor 1260) and PCB-1016 (Arochlor 1016).
- For discharge $\geq 10,000$ gpd, the TSS limit is 350 mg/l. For discharge $< 10,000$ gpd, the limit is determined on a case by case basis.
- Analysis for Carbonaceous Biochemical Oxygen Demand (CBOD), Chloride, Total Solids and Total Nitrogen are required if proposed discharge $\geq 10,000$ gpd. Total Nitrogen = Total Kjeldahl Nitrogen (TKN) + Nitrite (NO_2) + Nitrate (NO_3).

December 4, 2012

Charles Guder
TRC Environmental Corp - NY
1430 Broadway 10th Floor
New York, NY 10018

Project Location: 203 9th St., Brooklyn, NY
Client Job Number:
Project Number: 195072
Laboratory Work Order Number: 12K0950

Enclosed are results of analyses for samples received by the laboratory on November 29, 2012. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, reading "Meghan E. Kelley". The signature is written in a cursive, flowing style.

Meghan E. Kelley
Project Manager

TRC Environmental Corp - NY
1430 Broadway 10th Floor
New York, NY 10018
ATTN: Charles Guder

REPORT DATE: 12/4/2012

PURCHASE ORDER NUMBER: 46919

PROJECT NUMBER: 195072

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 12K0950

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 203 9th St., Brooklyn, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
TRC-SB-2 (1-4ft)	12K0950-01	Soil		SW-846 1311	
				SW-846 6010C	
TRC-SB-9 (1-4ft)	12K0950-02	Soil		SW-846 1311	
				SW-846 6010C	

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

A handwritten signature in black ink, appearing to read "M. Erickson", is displayed on a light gray rectangular background.

Michael A. Erickson
Laboratory Director

Project Location: 203 9th St., Brooklyn, NY

Sample Description:

Work Order: 12K0950

Date Received: 11/29/2012

Field Sample #: TRC-SB-2 (1-4ft)

Sampled: 11/12/2012 13:00

Sample ID: 12K0950-01

Sample Matrix: Soil

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Chromium	0.024	0.010	mg/L	1		SW-846 6010C	12/4/12	12/4/12 12:52	OP

Project Location: 203 9th St., Brooklyn, NY

Sample Description:

Work Order: 12K0950

Date Received: 11/29/2012

Field Sample #: TRC-SB-9 (1-4ft)

Sampled: 11/12/2012 15:05

Sample ID: 12K0950-02

Sample Matrix: Soil

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Chromium	0.11	0.010	mg/L	1		SW-846 6010C	12/4/12	12/4/12 13:14	OP

Sample Extraction Data

Prep Method: SW-846 3010A-SW-846 6010C

Leachates were extracted on 11/30/2012 per SW-846 1311 in Batch B063749

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12K0950-01 [TRC-SB-2 (1-4ft)]	B063938	50.0	50.0	12/04/12
12K0950-02 [TRC-SB-9 (1-4ft)]	B063938	50.0	50.0	12/04/12

QUALITY CONTROL
TCLP - Metals Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B063938 - SW-846 3010A										
Blank (B063938-BLK1)				Prepared & Analyzed: 12/04/12						
Chromium	ND	0.010	mg/L							
LCS (B063938-BS1)				Prepared & Analyzed: 12/04/12						
Chromium	0.477	0.010	mg/L	0.500		95.5	80-120			
LCS Dup (B063938-BSD1)				Prepared & Analyzed: 12/04/12						
Chromium	0.492	0.010	mg/L	0.500		98.5	80-120	3.10	20	

FLAG/QUALIFIER SUMMARY

- * QC result is outside of established limits.
- † Wide recovery limits established for difficult compound.
- ‡ Wide RPD limits established for difficult compound.
- # Data exceeded client recommended or regulatory level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 6010C in Water</i>	

Chromium NY,CT,ME,NC,NH,VA

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2014
MA	Massachusetts DEP	M-MA100	06/30/2013
CT	Connecticut Department of Public Health	PH-0567	09/30/2013
NY	New York State Department of Health	10899 NELAP	04/1/2013
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2013
RI	Rhode Island Department of Health	LAO00112	12/30/2012
NC	North Carolina Div. of Water Quality	652	12/31/2012
NJ	New Jersey DEP	MA007 NELAP	06/30/2013
FL	Florida Department of Health	E871027 NELAP	06/30/2013
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2013
WA	State of Washington Department of Ecology	C2065	02/23/2013
ME	State of Maine	2011028	06/9/2013
VA	Commonwealth of Virginia	460217	12/14/2012
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2012



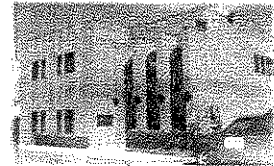
PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

Classified Material

Page 10 of 12 CRWPDF87

④ Run samples for TCIP Chromper attached emails
NICK 11/29/11

39 Spruce St.
East Longmeadow, MA. 01028
P: 413-525-2332
F: 413-525-6405
www.contestlabs.com



Sample Receipt Checklist

CLIENT NAME: TRC RECEIVED BY: KKM DATE: 11/12/12

- 1) Was the chain(s) of custody relinquished and signed? Yes No No CoC Included
2) Does the chain agree with the samples? Yes No
If not, explain:
3) Are all the samples in good condition? Yes No
If not, explain:

4) How were the samples received:

On Ice ☒ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☒

Were the samples received in Temperature Compliance of (2-6°C)? Yes No N/A

Temperature °C by Temp blank _____ Temperature °C by Temp gun 5.8

5) Are there Dissolved samples for the lab to filter? Yes No

Who was notified _____ Date _____ Time _____

6) Are there any RUSH or SHORT HOLDING TIME samples? Yes No

Who was notified Not out Date 11/12/12 Time 19:15

7) Location where samples are stored:

19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____

8) Do all samples have the proper Acid pH: Yes No N/A

9) Do all samples have the proper Base pH: Yes No N/A

10) Was the PC notified of any discrepancies with the CoC vs the samples: Yes No N/A

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber	<u>6</u>	8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	<u>1</u>
250 mL Amber (8oz amber)	<u>8</u>	2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic	<u>6</u>	Plastic Bag / Ziploc	
40 mL Vial - type listed below	<u>12</u>	PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore	<u>6</u>	TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments:

40 mL vials: # HCl 11 # Methanol 1
Bisulfate _____ # DI Water _____
Thiosulfate _____ Unpreserved _____
Time and Date Frozen: _____

Meghan Kelley

From: Metcalf, Lindsay (NYC,NY-US) [LMetcalf@trcsolutions.com]
Sent: Thursday, November 29, 2012 2:32 PM
To: mkelley@contestlabs.com
Cc: Guder, Charles (NYC,NY-US)
Subject: Additional Analyses - Lab ID 12K0407

Meghan –

Would you please have the laboratory analyze the following soil samples for TCLP Chromium:

- TRC-SB-2 (1-4'); Lab Sample ID: 12K0407-05
- TRC-SB-9 (1-4'); Lab Sample ID: 12K0407-08

Also, would you be able to get the results to us by Tuesday, 12/4 COB?

Thank you,

Lindsay Metcalf
Project Scientist



1430 Broadway, 10th Floor, New York, NY 10018
T: 212.221.7822 x149 | F: 212.221.7840 | C: 914.420.9649

[LinkedIn](#) | [Twitter](#) | [Blog](#) | [Flickr](#) | www.trcsolutions.com

This email has been scanned by the Symantec Email Security.cloud service.
For more information please visit <http://www.symanteccloud.com>

January 15, 2013

Charles Guder
TRC Environmental Corp - NY
1430 Broadway 10th Floor
New York, NY 10018

Project Location: 209 9th St., Brooklyn, NY
Client Job Number:
Project Number: 195072.0000.0000
Laboratory Work Order Number: 13A0188

Enclosed are results of analyses for samples received by the laboratory on January 8, 2013. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, reading "Meghan E. Kelley". The signature is written in a cursive, flowing style.

Meghan E. Kelley
Project Manager

TRC Environmental Corp - NY
1430 Broadway 10th Floor
New York, NY 10018
ATTN: Charles Guder

REPORT DATE: 1/15/2013

PURCHASE ORDER NUMBER: 52887

PROJECT NUMBER: 195072.0000.0000

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 13A0188

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 209 9th St., Brooklyn, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
TRC-SB16 (1-3ft)	13A0188-01	Soil		SM 2540G SW-846 8260C	
TRC-SB16 (15-17ft)	13A0188-02	Soil		SM 2540G SW-846 8260C	
TRC-MW13	13A0188-03	Ground Water		SW-846 8260C	
TRC-SB13 (1-2.25ft)	13A0188-04	Soil		SM 2540G SW-846 8260C	
TRC-SB13 (15-16ft)	13A0188-05	Soil		SM 2540G SW-846 8260C	
TRC-MW10	13A0188-06	Ground Water		SW-846 8260C	
Trip Blank	13A0188-07	Trip Blank Water		SW-846 8260C	

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

SW-846 8260C

Qualifications:

Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.

Analyte & Samples(s) Qualified:**Diisopropyl Ether (DIPE)**

B065874-BS1, B065874-BSD1

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

Analyte & Samples(s) Qualified:**Acrylonitrile, Carbon Disulfide**

B065874-BSD1, B065865-BS1

Matrix spike recovery is outside of control limits. Analysis is in control based on laboratory fortified blank recovery. Possibility of sample matrix effects that lead to low bias for reported result or non-homogeneous sample aliquot cannot be eliminated.

Analyte & Samples(s) Qualified:**Bromomethane, Dichlorodifluoromethane (Freon 12), Trichloroethylene**

13A0188-01[TRC-SB16 (1-3ft)], B065874-MS1

Matrix spike recovery is outside of control limits. Data validation is not affected since sample result is "not detected" and recovery bias is on the high side for this compound.

Analyte & Samples(s) Qualified:**2-Butanone (MEK), 2-Hexanone (MBK), Acrylonitrile**

B065874-MS1

Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.

Analyte & Samples(s) Qualified:**Acrylonitrile, Bromomethane, Methylene Chloride, trans-1,2-Dichloroethylene**

13A0188-03[TRC-MW13], 13A0188-06[TRC-MW10], 13A0188-07[Trip Blank], B065865-BLK1, B065865-BS1, B065865-BSD1

Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.

Analyte & Samples(s) Qualified:**1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113), 1,2-Dibromo-3-chloropropane (DBCP), 2,2-Dichloropropane, Chlorodibromomethane, cis-1,3-Dichloropropene, Hexachlorobutadiene, tert-Butyl Alcohol (TBA), trans-1,3-Dichloropropene, Trichlorofluoromethane (Freon 11)**

13A0188-01[TRC-SB16 (1-3ft)], 13A0188-02[TRC-SB16 (15-17ft)], 13A0188-04[TRC-SB13 (1-2.25ft)], 13A0188-05[TRC-SB13 (15-16ft)], B065874-BLK1, B065874-BS1, B065874-BSD1, B065874-MS1, 13A0188-03[TRC-MW13], 13A0188-06[TRC-MW10], 13A0188-07[Trip Blank], B065865-BLK1, B065865-BS1, B065865-BSD1

Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy may be associated with reported result.

Analyte & Samples(s) Qualified:**1,2-Dibromo-3-chloropropane (DBCP), 1,4-Dioxane, Acrylonitrile, tert-Butyl Alcohol (TBA), Tetrahydrofuran**

13A0188-01[TRC-SB16 (1-3ft)], 13A0188-02[TRC-SB16 (15-17ft)], 13A0188-04[TRC-SB13 (1-2.25ft)], 13A0188-05[TRC-SB13 (15-16ft)], B065874-BLK1, B065874-BS1, B065874-BSD1, B065874-MS1, 13A0188-03[TRC-MW13], 13A0188-06[TRC-MW10], 13A0188-07[Trip Blank], B065865-BLK1, B065865-BS1, B065865-BSD1

Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:**2-Butanone (MEK), 2-Hexanone (MBK)**

B065874-BS1, B065874-BSD1

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

A handwritten signature in black ink, appearing to read "M. Erickson", is displayed on a light gray rectangular background.

Michael A. Erickson
Laboratory Director

Project Location: 209 9th St., Brooklyn, NY

Sample Description:

Work Order: 13A0188

Date Received: 1/8/2013

Field Sample #: TRC-SB16 (1-3ft)

Sampled: 1/8/2013 12:10

Sample ID: 13A0188-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.11	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 8:34	MFF
Acrylonitrile	ND	0.0063	mg/Kg dry	1	V-16	SW-846 8260C	1/9/13	1/9/13 8:34	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 8:34	MFF
Benzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 8:34	MFF
Bromobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 8:34	MFF
Bromochloromethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 8:34	MFF
Bromodichloromethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 8:34	MFF
Bromoform	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 8:34	MFF
Bromomethane	ND	0.011	mg/Kg dry	1	MS-07	SW-846 8260C	1/9/13	1/9/13 8:34	MFF
2-Butanone (MEK)	ND	0.042	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 8:34	MFF
tert-Butyl Alcohol (TBA)	ND	0.042	mg/Kg dry	1	V-16	SW-846 8260C	1/9/13	1/9/13 8:34	MFF
n-Butylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 8:34	MFF
sec-Butylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 8:34	MFF
tert-Butylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 8:34	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 8:34	MFF
Carbon Disulfide	ND	0.0063	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 8:34	MFF
Carbon Tetrachloride	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 8:34	MFF
Chlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 8:34	MFF
Chlorodibromomethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 8:34	MFF
Chloroethane	ND	0.021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 8:34	MFF
Chloroform	ND	0.0042	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 8:34	MFF
Chloromethane	ND	0.011	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 8:34	MFF
2-Chlorotoluene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 8:34	MFF
4-Chlorotoluene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 8:34	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0021	mg/Kg dry	1	V-05, V-16	SW-846 8260C	1/9/13	1/9/13 8:34	MFF
1,2-Dibromoethane (EDB)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 8:34	MFF
Dibromomethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 8:34	MFF
1,2-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 8:34	MFF
1,3-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 8:34	MFF
1,4-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 8:34	MFF
trans-1,4-Dichloro-2-butene	ND	0.0042	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 8:34	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.021	mg/Kg dry	1	MS-07	SW-846 8260C	1/9/13	1/9/13 8:34	MFF
1,1-Dichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 8:34	MFF
1,2-Dichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 8:34	MFF
1,1-Dichloroethylene	ND	0.0042	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 8:34	MFF
cis-1,2-Dichloroethylene	0.0025	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 8:34	MFF
trans-1,2-Dichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 8:34	MFF
1,2-Dichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 8:34	MFF
1,3-Dichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 8:34	MFF
2,2-Dichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 8:34	MFF
1,1-Dichloropropene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 8:34	MFF
cis-1,3-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 8:34	MFF
trans-1,3-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 8:34	MFF
Diethyl Ether	ND	0.021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 8:34	MFF

Project Location: 209 9th St., Brooklyn, NY

Sample Description:

Work Order: 13A0188

Date Received: 1/8/2013

Field Sample #: TRC-SB16 (1-3ft)

Sampled: 1/8/2013 12:10

Sample ID: 13A0188-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 8:34	MFF
1,4-Dioxane	ND	0.11	mg/Kg dry	1	V-16	SW-846 8260C	1/9/13	1/9/13 8:34	MFF
Ethylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 8:34	MFF
Hexachlorobutadiene	ND	0.0021	mg/Kg dry	1	V-05	SW-846 8260C	1/9/13	1/9/13 8:34	MFF
2-Hexanone (MBK)	ND	0.021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 8:34	MFF
Isopropylbenzene (Cumene)	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 8:34	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 8:34	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0042	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 8:34	MFF
Methylene Chloride	ND	0.021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 8:34	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 8:34	MFF
Naphthalene	ND	0.0042	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 8:34	MFF
n-Propylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 8:34	MFF
Styrene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 8:34	MFF
1,1,1,2-Tetrachloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 8:34	MFF
1,1,2,2-Tetrachloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 8:34	MFF
Tetrachloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 8:34	MFF
Tetrahydrofuran	ND	0.011	mg/Kg dry	1	V-16	SW-846 8260C	1/9/13	1/9/13 8:34	MFF
Toluene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 8:34	MFF
1,2,3-Trichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 8:34	MFF
1,2,4-Trichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 8:34	MFF
1,3,5-Trichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 8:34	MFF
1,1,1-Trichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 8:34	MFF
1,1,2-Trichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 8:34	MFF
Trichloroethylene	0.039	0.0021	mg/Kg dry	1	MS-07	SW-846 8260C	1/9/13	1/9/13 8:34	MFF
Trichlorofluoromethane (Freon 11)	ND	0.011	mg/Kg dry	1	V-05	SW-846 8260C	1/9/13	1/9/13 8:34	MFF
1,2,3-Trichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 8:34	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.011	mg/Kg dry	1	V-05	SW-846 8260C	1/9/13	1/9/13 8:34	MFF
1,2,4-Trimethylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 8:34	MFF
1,3,5-Trimethylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 8:34	MFF
Vinyl Chloride	ND	0.011	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 8:34	MFF
m+p Xylene	ND	0.0042	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 8:34	MFF
o-Xylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 8:34	MFF
Surrogates	% Recovery	Recovery Limits	Flag						
1,2-Dichloroethane-d4	82.5	70-130							
Toluene-d8	101	70-130							
4-Bromofluorobenzene	110	70-130							

Project Location: 209 9th St., Brooklyn, NY

Sample Description:

Work Order: 13A0188

Date Received: 1/8/2013

Field Sample #: TRC-SB16 (1-3ft)

Sampled: 1/8/2013 12:10

Sample ID: 13A0188-01

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.8		% Wt	1		SM 2540G	1/10/13	1/11/13 11:52	RH

Project Location: 209 9th St., Brooklyn, NY

Sample Description:

Work Order: 13A0188

Date Received: 1/8/2013

Field Sample #: TRC-SB16 (15-17ft)

Sampled: 1/8/2013 12:15

Sample ID: 13A0188-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.11	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 9:01	MFF
Acrylonitrile	ND	0.0063	mg/Kg dry	1	V-16	SW-846 8260C	1/9/13	1/9/13 9:01	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 9:01	MFF
Benzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 9:01	MFF
Bromobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 9:01	MFF
Bromochloromethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 9:01	MFF
Bromodichloromethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 9:01	MFF
Bromoform	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 9:01	MFF
Bromomethane	ND	0.011	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 9:01	MFF
2-Butanone (MEK)	ND	0.042	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 9:01	MFF
tert-Butyl Alcohol (TBA)	ND	0.042	mg/Kg dry	1	V-16	SW-846 8260C	1/9/13	1/9/13 9:01	MFF
n-Butylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 9:01	MFF
sec-Butylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 9:01	MFF
tert-Butylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 9:01	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 9:01	MFF
Carbon Disulfide	ND	0.0063	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 9:01	MFF
Carbon Tetrachloride	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 9:01	MFF
Chlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 9:01	MFF
Chlorodibromomethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 9:01	MFF
Chloroethane	ND	0.021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 9:01	MFF
Chloroform	ND	0.0042	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 9:01	MFF
Chloromethane	ND	0.011	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 9:01	MFF
2-Chlorotoluene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 9:01	MFF
4-Chlorotoluene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 9:01	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0021	mg/Kg dry	1	V-05, V-16	SW-846 8260C	1/9/13	1/9/13 9:01	MFF
1,2-Dibromoethane (EDB)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 9:01	MFF
Dibromomethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 9:01	MFF
1,2-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 9:01	MFF
1,3-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 9:01	MFF
1,4-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 9:01	MFF
trans-1,4-Dichloro-2-butene	ND	0.0042	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 9:01	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 9:01	MFF
1,1-Dichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 9:01	MFF
1,2-Dichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 9:01	MFF
1,1-Dichloroethylene	ND	0.0042	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 9:01	MFF
cis-1,2-Dichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 9:01	MFF
trans-1,2-Dichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 9:01	MFF
1,2-Dichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 9:01	MFF
1,3-Dichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 9:01	MFF
2,2-Dichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 9:01	MFF
1,1-Dichloropropene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 9:01	MFF
cis-1,3-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 9:01	MFF
trans-1,3-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 9:01	MFF
Diethyl Ether	ND	0.021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 9:01	MFF

Project Location: 209 9th St., Brooklyn, NY

Sample Description:

Work Order: 13A0188

Date Received: 1/8/2013

Field Sample #: TRC-SB16 (15-17ft)

Sampled: 1/8/2013 12:15

Sample ID: 13A0188-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 9:01	MFF
1,4-Dioxane	ND	0.11	mg/Kg dry	1	V-16	SW-846 8260C	1/9/13	1/9/13 9:01	MFF
Ethylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 9:01	MFF
Hexachlorobutadiene	ND	0.0021	mg/Kg dry	1	V-05	SW-846 8260C	1/9/13	1/9/13 9:01	MFF
2-Hexanone (MBK)	ND	0.021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 9:01	MFF
Isopropylbenzene (Cumene)	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 9:01	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 9:01	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0042	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 9:01	MFF
Methylene Chloride	ND	0.021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 9:01	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 9:01	MFF
Naphthalene	ND	0.0042	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 9:01	MFF
n-Propylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 9:01	MFF
Styrene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 9:01	MFF
1,1,1,2-Tetrachloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 9:01	MFF
1,1,2,2-Tetrachloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 9:01	MFF
Tetrachloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 9:01	MFF
Tetrahydrofuran	ND	0.011	mg/Kg dry	1	V-16	SW-846 8260C	1/9/13	1/9/13 9:01	MFF
Toluene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 9:01	MFF
1,2,3-Trichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 9:01	MFF
1,2,4-Trichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 9:01	MFF
1,3,5-Trichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 9:01	MFF
1,1,1-Trichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 9:01	MFF
1,1,2-Trichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 9:01	MFF
Trichloroethylene	0.0041	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 9:01	MFF
Trichlorofluoromethane (Freon 11)	ND	0.011	mg/Kg dry	1	V-05	SW-846 8260C	1/9/13	1/9/13 9:01	MFF
1,2,3-Trichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 9:01	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.011	mg/Kg dry	1	V-05	SW-846 8260C	1/9/13	1/9/13 9:01	MFF
1,2,4-Trimethylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 9:01	MFF
1,3,5-Trimethylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 9:01	MFF
Vinyl Chloride	ND	0.011	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 9:01	MFF
m+p Xylene	ND	0.0042	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 9:01	MFF
o-Xylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 9:01	MFF

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	80.8	70-130	
Toluene-d8	101	70-130	
4-Bromofluorobenzene	109	70-130	

Project Location: 209 9th St., Brooklyn, NY

Sample Description:

Work Order: 13A0188

Date Received: 1/8/2013

Field Sample #: TRC-SB16 (15-17ft)

Sampled: 1/8/2013 12:15

Sample ID: 13A0188-02

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	93.0		% Wt	1		SM 2540G	1/10/13	1/11/13 11:52	RH

Project Location: 209 9th St., Brooklyn, NY

Sample Description:

Work Order: 13A0188

Date Received: 1/8/2013

Field Sample #: TRC-MW13

Sampled: 1/8/2013 12:30

Sample ID: 13A0188-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:23	MFF
Acrylonitrile	ND	5.0	µg/L	1	R-05	SW-846 8260C	1/9/13	1/10/13 3:23	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:23	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:23	MFF
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:23	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:23	MFF
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:23	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:23	MFF
Bromomethane	ND	2.0	µg/L	1	R-05	SW-846 8260C	1/9/13	1/10/13 3:23	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:23	MFF
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-05, V-16	SW-846 8260C	1/9/13	1/10/13 3:23	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:23	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:23	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:23	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:23	MFF
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:23	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:23	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:23	MFF
Chlorodibromomethane	ND	0.50	µg/L	1	V-05	SW-846 8260C	1/9/13	1/10/13 3:23	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:23	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:23	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:23	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:23	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:23	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:23	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:23	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:23	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:23	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:23	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:23	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:23	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:23	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:23	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:23	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:23	MFF
cis-1,2-Dichloroethylene	18	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:23	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1	R-05	SW-846 8260C	1/9/13	1/10/13 3:23	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:23	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:23	MFF
2,2-Dichloropropane	ND	1.0	µg/L	1	V-05	SW-846 8260C	1/9/13	1/10/13 3:23	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:23	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1	V-05	SW-846 8260C	1/9/13	1/10/13 3:23	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1	V-05	SW-846 8260C	1/9/13	1/10/13 3:23	MFF
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:23	MFF

Project Location: 209 9th St., Brooklyn, NY

Sample Description:

Work Order: 13A0188

Date Received: 1/8/2013

Field Sample #: TRC-MW13

Sampled: 1/8/2013 12:30

Sample ID: 13A0188-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:23	MFF
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	1/9/13	1/10/13 3:23	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:23	MFF
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:23	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:23	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:23	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:23	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:23	MFF
Methylene Chloride	ND	5.0	µg/L	1	R-05	SW-846 8260C	1/9/13	1/10/13 3:23	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:23	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:23	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:23	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:23	MFF
1,1,1,2-Tetrachloroethane	ND	2.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:23	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:23	MFF
Tetrachloroethylene	1.2	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:23	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:23	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:23	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:23	MFF
1,2,4-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:23	MFF
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:23	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:23	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:23	MFF
Trichloroethylene	34	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:23	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:23	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:23	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:23	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:23	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:23	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:23	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:23	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:23	MFF

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	104	70-130	
Toluene-d8	96.6	70-130	
4-Bromofluorobenzene	97.5	70-130	

Project Location: 209 9th St., Brooklyn, NY

Sample Description:

Work Order: 13A0188

Date Received: 1/8/2013

Field Sample #: TRC-SB13 (1-2.25ft)

Sampled: 1/8/2013 13:55

Sample ID: 13A0188-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.12	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:23	MFF
Acrylonitrile	ND	0.0070	mg/Kg dry	1	V-16	SW-846 8260C	1/9/13	1/9/13 10:23	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:23	MFF
Benzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:23	MFF
Bromobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:23	MFF
Bromochloromethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:23	MFF
Bromodichloromethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:23	MFF
Bromoform	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:23	MFF
Bromomethane	ND	0.012	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:23	MFF
2-Butanone (MEK)	ND	0.047	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:23	MFF
tert-Butyl Alcohol (TBA)	ND	0.047	mg/Kg dry	1	V-16	SW-846 8260C	1/9/13	1/9/13 10:23	MFF
n-Butylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:23	MFF
sec-Butylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:23	MFF
tert-Butylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:23	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:23	MFF
Carbon Disulfide	ND	0.0070	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:23	MFF
Carbon Tetrachloride	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:23	MFF
Chlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:23	MFF
Chlorodibromomethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:23	MFF
Chloroethane	ND	0.023	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:23	MFF
Chloroform	ND	0.0047	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:23	MFF
Chloromethane	ND	0.012	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:23	MFF
2-Chlorotoluene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:23	MFF
4-Chlorotoluene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:23	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0023	mg/Kg dry	1	V-05, V-16	SW-846 8260C	1/9/13	1/9/13 10:23	MFF
1,2-Dibromoethane (EDB)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:23	MFF
Dibromomethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:23	MFF
1,2-Dichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:23	MFF
1,3-Dichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:23	MFF
1,4-Dichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:23	MFF
trans-1,4-Dichloro-2-butene	ND	0.0047	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:23	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.023	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:23	MFF
1,1-Dichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:23	MFF
1,2-Dichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:23	MFF
1,1-Dichloroethylene	ND	0.0047	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:23	MFF
cis-1,2-Dichloroethylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:23	MFF
trans-1,2-Dichloroethylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:23	MFF
1,2-Dichloropropane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:23	MFF
1,3-Dichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:23	MFF
2,2-Dichloropropane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:23	MFF
1,1-Dichloropropene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:23	MFF
cis-1,3-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:23	MFF
trans-1,3-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:23	MFF
Diethyl Ether	ND	0.023	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:23	MFF

Project Location: 209 9th St., Brooklyn, NY

Sample Description:

Work Order: 13A0188

Date Received: 1/8/2013

Field Sample #: TRC-SB13 (1-2.25ft)

Sampled: 1/8/2013 13:55

Sample ID: 13A0188-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:23	MFF
1,4-Dioxane	ND	0.12	mg/Kg dry	1	V-16	SW-846 8260C	1/9/13	1/9/13 10:23	MFF
Ethylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:23	MFF
Hexachlorobutadiene	ND	0.0023	mg/Kg dry	1	V-05	SW-846 8260C	1/9/13	1/9/13 10:23	MFF
2-Hexanone (MBK)	ND	0.023	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:23	MFF
Isopropylbenzene (Cumene)	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:23	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:23	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0047	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:23	MFF
Methylene Chloride	ND	0.023	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:23	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.023	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:23	MFF
Naphthalene	ND	0.0047	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:23	MFF
n-Propylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:23	MFF
Styrene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:23	MFF
1,1,1,2-Tetrachloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:23	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:23	MFF
Tetrachloroethylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:23	MFF
Tetrahydrofuran	ND	0.012	mg/Kg dry	1	V-16	SW-846 8260C	1/9/13	1/9/13 10:23	MFF
Toluene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:23	MFF
1,2,3-Trichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:23	MFF
1,2,4-Trichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:23	MFF
1,3,5-Trichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:23	MFF
1,1,1-Trichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:23	MFF
1,1,2-Trichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:23	MFF
Trichloroethylene	0.025	0.0023	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:23	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	mg/Kg dry	1	V-05	SW-846 8260C	1/9/13	1/9/13 10:23	MFF
1,2,3-Trichloropropane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:23	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.012	mg/Kg dry	1	V-05	SW-846 8260C	1/9/13	1/9/13 10:23	MFF
1,2,4-Trimethylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:23	MFF
1,3,5-Trimethylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:23	MFF
Vinyl Chloride	ND	0.012	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:23	MFF
m+p Xylene	ND	0.0047	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:23	MFF
o-Xylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:23	MFF

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	82.4	70-130	
Toluene-d8	102	70-130	
4-Bromofluorobenzene	108	70-130	

Project Location: 209 9th St., Brooklyn, NY

Sample Description:

Work Order: 13A0188

Date Received: 1/8/2013

Field Sample #: TRC-SB13 (1-2.25ft)

Sampled: 1/8/2013 13:55

Sample ID: 13A0188-04

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.3		% Wt	1		SM 2540G	1/10/13	1/11/13 11:52	RH

Project Location: 209 9th St., Brooklyn, NY

Sample Description:

Work Order: 13A0188

Date Received: 1/8/2013

Field Sample #: TRC-SB13 (15-16ft)

Sampled: 1/8/2013 14:00

Sample ID: 13A0188-05

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.11	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:50	MFF
Acrylonitrile	ND	0.0067	mg/Kg dry	1	V-16	SW-846 8260C	1/9/13	1/9/13 10:50	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:50	MFF
Benzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:50	MFF
Bromobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:50	MFF
Bromochloromethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:50	MFF
Bromodichloromethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:50	MFF
Bromoform	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:50	MFF
Bromomethane	ND	0.011	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:50	MFF
2-Butanone (MEK)	ND	0.045	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:50	MFF
tert-Butyl Alcohol (TBA)	ND	0.045	mg/Kg dry	1	V-16	SW-846 8260C	1/9/13	1/9/13 10:50	MFF
n-Butylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:50	MFF
sec-Butylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:50	MFF
tert-Butylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:50	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:50	MFF
Carbon Disulfide	ND	0.0067	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:50	MFF
Carbon Tetrachloride	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:50	MFF
Chlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:50	MFF
Chlorodibromomethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:50	MFF
Chloroethane	ND	0.022	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:50	MFF
Chloroform	ND	0.0045	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:50	MFF
Chloromethane	ND	0.011	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:50	MFF
2-Chlorotoluene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:50	MFF
4-Chlorotoluene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:50	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0022	mg/Kg dry	1	V-05, V-16	SW-846 8260C	1/9/13	1/9/13 10:50	MFF
1,2-Dibromoethane (EDB)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:50	MFF
Dibromomethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:50	MFF
1,2-Dichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:50	MFF
1,3-Dichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:50	MFF
1,4-Dichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:50	MFF
trans-1,4-Dichloro-2-butene	ND	0.0045	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:50	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.022	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:50	MFF
1,1-Dichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:50	MFF
1,2-Dichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:50	MFF
1,1-Dichloroethylene	ND	0.0045	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:50	MFF
cis-1,2-Dichloroethylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:50	MFF
trans-1,2-Dichloroethylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:50	MFF
1,2-Dichloropropane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:50	MFF
1,3-Dichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:50	MFF
2,2-Dichloropropane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:50	MFF
1,1-Dichloropropene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:50	MFF
cis-1,3-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:50	MFF
trans-1,3-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:50	MFF
Diethyl Ether	ND	0.022	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:50	MFF

Project Location: 209 9th St., Brooklyn, NY

Sample Description:

Work Order: 13A0188

Date Received: 1/8/2013

Field Sample #: TRC-SB13 (15-16ft)

Sampled: 1/8/2013 14:00

Sample ID: 13A0188-05

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:50	MFF
1,4-Dioxane	ND	0.11	mg/Kg dry	1	V-16	SW-846 8260C	1/9/13	1/9/13 10:50	MFF
Ethylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:50	MFF
Hexachlorobutadiene	ND	0.0022	mg/Kg dry	1	V-05	SW-846 8260C	1/9/13	1/9/13 10:50	MFF
2-Hexanone (MBK)	ND	0.022	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:50	MFF
Isopropylbenzene (Cumene)	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:50	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:50	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0045	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:50	MFF
Methylene Chloride	ND	0.022	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:50	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.022	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:50	MFF
Naphthalene	ND	0.0045	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:50	MFF
n-Propylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:50	MFF
Styrene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:50	MFF
1,1,1,2-Tetrachloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:50	MFF
1,1,2,2-Tetrachloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:50	MFF
Tetrachloroethylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:50	MFF
Tetrahydrofuran	ND	0.011	mg/Kg dry	1	V-16	SW-846 8260C	1/9/13	1/9/13 10:50	MFF
Toluene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:50	MFF
1,2,3-Trichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:50	MFF
1,2,4-Trichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:50	MFF
1,3,5-Trichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:50	MFF
1,1,1-Trichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:50	MFF
1,1,2-Trichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:50	MFF
Trichloroethylene	0.010	0.0022	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:50	MFF
Trichlorofluoromethane (Freon 11)	ND	0.011	mg/Kg dry	1	V-05	SW-846 8260C	1/9/13	1/9/13 10:50	MFF
1,2,3-Trichloropropane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:50	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.011	mg/Kg dry	1	V-05	SW-846 8260C	1/9/13	1/9/13 10:50	MFF
1,2,4-Trimethylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:50	MFF
1,3,5-Trimethylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:50	MFF
Vinyl Chloride	ND	0.011	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:50	MFF
m+p Xylene	ND	0.0045	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:50	MFF
o-Xylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/9/13	1/9/13 10:50	MFF

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	82.1	70-130	
Toluene-d8	101	70-130	
4-Bromofluorobenzene	109	70-130	

Project Location: 209 9th St., Brooklyn, NY

Sample Description:

Work Order: 13A0188

Date Received: 1/8/2013

Field Sample #: TRC-SB13 (15-16ft)

Sampled: 1/8/2013 14:00

Sample ID: 13A0188-05

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	93.1		% Wt	1		SM 2540G	1/10/13	1/11/13 11:52	RH

Project Location: 209 9th St., Brooklyn, NY

Sample Description:

Work Order: 13A0188

Date Received: 1/8/2013

Field Sample #: TRC-MW10

Sampled: 1/8/2013 14:05

Sample ID: 13A0188-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:54	MFF
Acrylonitrile	ND	5.0	µg/L	1	R-05	SW-846 8260C	1/9/13	1/10/13 3:54	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:54	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:54	MFF
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:54	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:54	MFF
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:54	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:54	MFF
Bromomethane	ND	2.0	µg/L	1	R-05	SW-846 8260C	1/9/13	1/10/13 3:54	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:54	MFF
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-05, V-16	SW-846 8260C	1/9/13	1/10/13 3:54	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:54	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:54	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:54	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:54	MFF
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:54	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:54	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:54	MFF
Chlorodibromomethane	ND	0.50	µg/L	1	V-05	SW-846 8260C	1/9/13	1/10/13 3:54	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:54	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:54	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:54	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:54	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:54	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:54	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:54	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:54	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:54	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:54	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:54	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:54	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:54	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:54	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:54	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:54	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:54	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1	R-05	SW-846 8260C	1/9/13	1/10/13 3:54	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:54	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:54	MFF
2,2-Dichloropropane	ND	1.0	µg/L	1	V-05	SW-846 8260C	1/9/13	1/10/13 3:54	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:54	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1	V-05	SW-846 8260C	1/9/13	1/10/13 3:54	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1	V-05	SW-846 8260C	1/9/13	1/10/13 3:54	MFF
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:54	MFF

Project Location: 209 9th St., Brooklyn, NY

Sample Description:

Work Order: 13A0188

Date Received: 1/8/2013

Field Sample #: TRC-MW10

Sampled: 1/8/2013 14:05

Sample ID: 13A0188-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:54	MFF
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	1/9/13	1/10/13 3:54	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:54	MFF
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:54	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:54	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:54	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:54	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:54	MFF
Methylene Chloride	ND	5.0	µg/L	1	R-05	SW-846 8260C	1/9/13	1/10/13 3:54	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:54	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:54	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:54	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:54	MFF
1,1,1,2-Tetrachloroethane	ND	2.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:54	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:54	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:54	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:54	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:54	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:54	MFF
1,2,4-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:54	MFF
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:54	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:54	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:54	MFF
Trichloroethylene	1.5	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:54	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:54	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:54	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:54	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:54	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:54	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:54	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:54	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/10/13 3:54	MFF

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	102	70-130	
Toluene-d8	97.1	70-130	
4-Bromofluorobenzene	97.4	70-130	

Project Location: 209 9th St., Brooklyn, NY

Sample Description:

Work Order: 13A0188

Date Received: 1/8/2013

Field Sample #: Trip Blank

Sampled: 1/8/2013 00:00

Sample ID: 13A0188-07

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	1/9/13	1/9/13 23:47	MFF
Acrylonitrile	ND	5.0	µg/L	1	R-05	SW-846 8260C	1/9/13	1/9/13 23:47	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	1/9/13	1/9/13 23:47	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/9/13 23:47	MFF
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/9/13 23:47	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/9/13 23:47	MFF
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/9/13 23:47	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/9/13 23:47	MFF
Bromomethane	ND	2.0	µg/L	1	R-05	SW-846 8260C	1/9/13	1/9/13 23:47	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	1/9/13	1/9/13 23:47	MFF
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-05, V-16	SW-846 8260C	1/9/13	1/9/13 23:47	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/9/13 23:47	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/9/13 23:47	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/9/13 23:47	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	1/9/13	1/9/13 23:47	MFF
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	1/9/13	1/9/13 23:47	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	1/9/13	1/9/13 23:47	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/9/13 23:47	MFF
Chlorodibromomethane	ND	0.50	µg/L	1	V-05	SW-846 8260C	1/9/13	1/9/13 23:47	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	1/9/13	1/9/13 23:47	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	1/9/13	1/9/13 23:47	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	1/9/13	1/9/13 23:47	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/9/13 23:47	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/9/13 23:47	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	1/9/13	1/9/13 23:47	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	1/9/13	1/9/13 23:47	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/9/13 23:47	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/9/13 23:47	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/9/13 23:47	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/9/13 23:47	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	1/9/13	1/9/13 23:47	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	1/9/13	1/9/13 23:47	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/9/13 23:47	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/9/13 23:47	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/9/13 23:47	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/9/13 23:47	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1	R-05	SW-846 8260C	1/9/13	1/9/13 23:47	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/9/13 23:47	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	1/9/13	1/9/13 23:47	MFF
2,2-Dichloropropane	ND	1.0	µg/L	1	V-05	SW-846 8260C	1/9/13	1/9/13 23:47	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	1/9/13	1/9/13 23:47	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1	V-05	SW-846 8260C	1/9/13	1/9/13 23:47	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1	V-05	SW-846 8260C	1/9/13	1/9/13 23:47	MFF
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	1/9/13	1/9/13 23:47	MFF

Project Location: 209 9th St., Brooklyn, NY

Sample Description:

Work Order: 13A0188

Date Received: 1/8/2013

Field Sample #: Trip Blank

Sampled: 1/8/2013 00:00

Sample ID: 13A0188-07

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	1/9/13	1/9/13 23:47	MFF
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	1/9/13	1/9/13 23:47	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/9/13 23:47	MFF
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	1/9/13	1/9/13 23:47	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	1/9/13	1/9/13 23:47	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/9/13 23:47	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/9/13 23:47	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/9/13 23:47	MFF
Methylene Chloride	ND	5.0	µg/L	1	R-05	SW-846 8260C	1/9/13	1/9/13 23:47	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	1/9/13	1/9/13 23:47	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	1/9/13	1/9/13 23:47	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/9/13 23:47	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/9/13 23:47	MFF
1,1,1,2-Tetrachloroethane	ND	2.0	µg/L	1		SW-846 8260C	1/9/13	1/9/13 23:47	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	1/9/13	1/9/13 23:47	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/9/13 23:47	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	1/9/13	1/9/13 23:47	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/9/13 23:47	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	1/9/13	1/9/13 23:47	MFF
1,2,4-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	1/9/13	1/9/13 23:47	MFF
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/9/13 23:47	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/9/13 23:47	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/9/13 23:47	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/9/13 23:47	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	1/9/13	1/9/13 23:47	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	1/9/13	1/9/13 23:47	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/9/13 23:47	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/9/13 23:47	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/9/13 23:47	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	1/9/13	1/9/13 23:47	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	1/9/13	1/9/13 23:47	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	1/9/13	1/9/13 23:47	MFF

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	102	70-130	1/9/13 23:47
Toluene-d8	97.6	70-130	1/9/13 23:47
4-Bromofluorobenzene	96.3	70-130	1/9/13 23:47

Sample Extraction Data**Prep Method: % Solids-SM 2540G**

Lab Number [Field ID]	Batch	Date
13A0188-01 [TRC-SB16 (1-3ft)]	B065915	01/10/13
13A0188-02 [TRC-SB16 (15-17ft)]	B065915	01/10/13
13A0188-04 [TRC-SB13 (1-2.25ft)]	B065915	01/10/13
13A0188-05 [TRC-SB13 (15-16ft)]	B065915	01/10/13

Prep Method: SW-846 5035-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
13A0188-01 [TRC-SB16 (1-3ft)]	B065874	5.30	10.0	01/09/13
13A0188-02 [TRC-SB16 (15-17ft)]	B065874	5.10	10.0	01/09/13
13A0188-04 [TRC-SB13 (1-2.25ft)]	B065874	5.00	10.0	01/09/13
13A0188-05 [TRC-SB13 (15-16ft)]	B065874	4.80	10.0	01/09/13

Prep Method: SW-846 5030B-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
13A0188-03 [TRC-MW13]	B065865	5	5.00	01/09/13
13A0188-06 [TRC-MW10]	B065865	5	5.00	01/09/13
13A0188-07 [Trip Blank]	B065865	5	5.00	01/09/13

QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B065865 - SW-846 5030B										
Blank (B065865-BLK1)				Prepared & Analyzed: 01/09/13						
Acetone	ND	50	µg/L							
Acrylonitrile	ND	5.0	µg/L							R-05
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L							
Benzene	ND	1.0	µg/L							
Bromobenzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	1.0	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	2.0	µg/L							R-05
2-Butanone (MEK)	ND	20	µg/L							
tert-Butyl Alcohol (TBA)	ND	20	µg/L							V-05, V-16
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L							
Carbon Disulfide	ND	2.0	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							V-05
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
2-Chlorotoluene	ND	1.0	µg/L							
4-Chlorotoluene	ND	1.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	1.0	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							R-05
1,2-Dichloropropane	ND	1.0	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	1.0	µg/L							V-05
1,1-Dichloropropene	ND	2.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							V-05
trans-1,3-Dichloropropene	ND	0.50	µg/L							V-05
Diethyl Ether	ND	2.0	µg/L							
Diisopropyl Ether (DIPE)	ND	0.50	µg/L							
1,4-Dioxane	ND	50	µg/L							V-16
Ethylbenzene	ND	1.0	µg/L							
Hexachlorobutadiene	ND	0.50	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							

QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B065865 - SW-846 5030B										
Blank (B065865-BLK1)				Prepared & Analyzed: 01/09/13						
Methylene Chloride	ND	5.0	µg/L							R-05
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L							
Naphthalene	ND	2.0	µg/L							
n-Propylbenzene	ND	1.0	µg/L							
Styrene	ND	1.0	µg/L							
1,1,1,2-Tetrachloroethane	ND	2.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	µg/L							
Tetrahydrofuran	ND	10	µg/L							
Toluene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	5.0	µg/L							
1,2,4-Trichlorobenzene	ND	5.0	µg/L							
1,3,5-Trichlorobenzene	ND	1.0	µg/L							
1,1,1-Trichloroethane	ND	1.0	µg/L							
1,1,2-Trichloroethane	ND	1.0	µg/L							
Trichloroethylene	ND	1.0	µg/L							
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L							
1,2,3-Trichloropropane	ND	2.0	µg/L							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L							
1,2,4-Trimethylbenzene	ND	1.0	µg/L							
1,3,5-Trimethylbenzene	ND	1.0	µg/L							
Vinyl Chloride	ND	2.0	µg/L							
m+p Xylene	ND	2.0	µg/L							
o-Xylene	ND	1.0	µg/L							
Surrogate: 1,2-Dichloroethane-d4	25.8		µg/L	25.0		103	70-130			
Surrogate: Toluene-d8	24.5		µg/L	25.0		98.0	70-130			
Surrogate: 4-Bromofluorobenzene	24.7		µg/L	25.0		98.9	70-130			
LCS (B065865-BS1)				Prepared & Analyzed: 01/09/13						
Acetone	77.4	50	µg/L	100		77.4	70-160			†
Acrylonitrile	13.0	5.0	µg/L	10.0		130	70-130			R-05
tert-Amyl Methyl Ether (TAME)	9.55	0.50	µg/L	10.0		95.5	70-130			
Benzene	11.6	1.0	µg/L	10.0		116	70-130			
Bromobenzene	11.5	1.0	µg/L	10.0		115	70-130			
Bromochloromethane	11.9	1.0	µg/L	10.0		119	70-130			
Bromodichloromethane	10.4	1.0	µg/L	10.0		104	70-130			
Bromoform	9.03	1.0	µg/L	10.0		90.3	70-130			
Bromomethane	4.94	2.0	µg/L	10.0		49.4	40-160			R-05 †
2-Butanone (MEK)	105	20	µg/L	100		105	40-160			†
tert-Butyl Alcohol (TBA)	69.8	20	µg/L	100		69.8	40-160			V-05, V-16 †
n-Butylbenzene	11.2	1.0	µg/L	10.0		112	70-130			
sec-Butylbenzene	11.2	1.0	µg/L	10.0		112	70-130			
tert-Butylbenzene	10.9	1.0	µg/L	10.0		109	70-130			
tert-Butyl Ethyl Ether (TBEE)	10.3	0.50	µg/L	10.0		103	70-130			
Carbon Disulfide	6.85	2.0	µg/L	10.0		68.5 *	70-130			L-07
Carbon Tetrachloride	9.70	5.0	µg/L	10.0		97.0	70-130			
Chlorobenzene	11.4	1.0	µg/L	10.0		114	70-130			
Chlorodibromomethane	8.22	0.50	µg/L	10.0		82.2	70-130			V-05
Chloroethane	9.07	2.0	µg/L	10.0		90.7	70-130			
Chloroform	11.0	2.0	µg/L	10.0		110	70-130			
Chloromethane	8.36	2.0	µg/L	10.0		83.6	40-160			†
2-Chlorotoluene	10.7	1.0	µg/L	10.0		107	70-130			

QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B065865 - SW-846 5030B										
LCS (B065865-BS1)				Prepared & Analyzed: 01/09/13						
4-Chlorotoluene	11.1	1.0	µg/L	10.0		111	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	9.65	5.0	µg/L	10.0		96.5	70-130			
1,2-Dibromoethane (EDB)	11.0	0.50	µg/L	10.0		110	70-130			
Dibromomethane	11.6	1.0	µg/L	10.0		116	70-130			
1,2-Dichlorobenzene	11.4	1.0	µg/L	10.0		114	70-130			
1,3-Dichlorobenzene	11.2	1.0	µg/L	10.0		112	70-130			
1,4-Dichlorobenzene	11.6	1.0	µg/L	10.0		116	70-130			
trans-1,4-Dichloro-2-butene	9.62	2.0	µg/L	10.0		96.2	70-130			
Dichlorodifluoromethane (Freon 12)	6.55	2.0	µg/L	10.0		65.5	40-160			†
1,1-Dichloroethane	11.8	1.0	µg/L	10.0		118	70-130			
1,2-Dichloroethane	10.5	1.0	µg/L	10.0		105	70-130			
1,1-Dichloroethylene	9.20	1.0	µg/L	10.0		92.0	70-130			
cis-1,2-Dichloroethylene	10.9	1.0	µg/L	10.0		109	70-130			
trans-1,2-Dichloroethylene	11.7	1.0	µg/L	10.0		117	70-130			R-05
1,2-Dichloropropane	11.7	1.0	µg/L	10.0		117	70-130			
1,3-Dichloropropane	11.3	0.50	µg/L	10.0		113	70-130			
2,2-Dichloropropane	7.54	1.0	µg/L	10.0		75.4	40-130			V-05 †
1,1-Dichloropropene	11.4	2.0	µg/L	10.0		114	70-130			
cis-1,3-Dichloropropene	7.87	0.50	µg/L	10.0		78.7	70-130			V-05
trans-1,3-Dichloropropene	7.77	0.50	µg/L	10.0		77.7	70-130			V-05
Diethyl Ether	8.75	2.0	µg/L	10.0		87.5	70-130			
Diisopropyl Ether (DIPE)	12.9	0.50	µg/L	10.0		129	70-130			
1,4-Dioxane	104	50	µg/L	100		104	40-130			V-16 †
Ethylbenzene	11.7	1.0	µg/L	10.0		117	70-130			
Hexachlorobutadiene	11.2	0.50	µg/L	10.0		112	70-130			
2-Hexanone (MBK)	105	10	µg/L	100		105	70-160			†
Isopropylbenzene (Cumene)	10.8	1.0	µg/L	10.0		108	70-130			
p-Isopropyltoluene (p-Cymene)	11.8	1.0	µg/L	10.0		118	70-130			
Methyl tert-Butyl Ether (MTBE)	10.8	1.0	µg/L	10.0		108	70-130			
Methylene Chloride	11.5	5.0	µg/L	10.0		115	70-130			R-05
4-Methyl-2-pentanone (MIBK)	108	10	µg/L	100		108	70-160			†
Naphthalene	8.68	2.0	µg/L	10.0		86.8	40-130			†
n-Propylbenzene	11.0	1.0	µg/L	10.0		110	70-130			
Styrene	11.2	1.0	µg/L	10.0		112	70-130			
1,1,1,2-Tetrachloroethane	10.1	2.0	µg/L	10.0		101	70-130			
1,1,2,2-Tetrachloroethane	11.5	0.50	µg/L	10.0		115	70-130			
Tetrachloroethylene	10.5	1.0	µg/L	10.0		105	70-130			
Tetrahydrofuran	11.5	10	µg/L	10.0		115	70-130			
Toluene	10.9	1.0	µg/L	10.0		109	70-130			
1,2,3-Trichlorobenzene	8.59	5.0	µg/L	10.0		85.9	70-130			
1,2,4-Trichlorobenzene	8.94	5.0	µg/L	10.0		89.4	70-130			
1,3,5-Trichlorobenzene	11.0	1.0	µg/L	10.0		110	70-130			
1,1,1-Trichloroethane	10.1	1.0	µg/L	10.0		101	70-130			
1,1,2-Trichloroethane	11.5	1.0	µg/L	10.0		115	70-130			
Trichloroethylene	10.9	1.0	µg/L	10.0		109	70-130			
Trichlorofluoromethane (Freon 11)	10.2	2.0	µg/L	10.0		102	70-130			
1,2,3-Trichloropropane	11.2	2.0	µg/L	10.0		112	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.91	1.0	µg/L	10.0		99.1	70-130			
1,2,4-Trimethylbenzene	11.7	1.0	µg/L	10.0		117	70-130			
1,3,5-Trimethylbenzene	10.9	1.0	µg/L	10.0		109	70-130			
Vinyl Chloride	7.52	2.0	µg/L	10.0		75.2	40-160			†

QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B065865 - SW-846 5030B										
LCS (B065865-BS1)				Prepared & Analyzed: 01/09/13						
m+p Xylene	23.2	2.0	µg/L	20.0		116	70-130			
o-Xylene	11.3	1.0	µg/L	10.0		113	70-130			
Surrogate: 1,2-Dichloroethane-d4	24.9		µg/L	25.0		99.5	70-130			
Surrogate: Toluene-d8	24.9		µg/L	25.0		99.6	70-130			
Surrogate: 4-Bromofluorobenzene	25.4		µg/L	25.0		102	70-130			
LCS Dup (B065865-BS1)				Prepared & Analyzed: 01/09/13						
Acetone	94.1	50	µg/L	100		94.1	70-160	19.4	25	†
Acrylonitrile	9.79	5.0	µg/L	10.0		97.9	70-130	27.8	*	25 R-05
tert-Amyl Methyl Ether (TAME)	9.64	0.50	µg/L	10.0		96.4	70-130	0.938	25	
Benzene	11.4	1.0	µg/L	10.0		114	70-130	2.17	25	
Bromobenzene	11.7	1.0	µg/L	10.0		117	70-130	1.38	25	
Bromochloromethane	11.7	1.0	µg/L	10.0		117	70-130	1.02	25	
Bromodichloromethane	9.92	1.0	µg/L	10.0		99.2	70-130	4.24	25	
Bromoform	9.00	1.0	µg/L	10.0		90.0	70-130	0.333	25	
Bromomethane	6.41	2.0	µg/L	10.0		64.1	40-160	25.9	*	25 R-05 †
2-Butanone (MEK)	109	20	µg/L	100		109	40-160	3.46	25	†
tert-Butyl Alcohol (TBA)	79.9	20	µg/L	100		79.9	40-160	13.5	25	V-05, V-16 †
n-Butylbenzene	10.8	1.0	µg/L	10.0		108	70-130	3.36	25	
sec-Butylbenzene	10.8	1.0	µg/L	10.0		108	70-130	3.63	25	
tert-Butylbenzene	10.6	1.0	µg/L	10.0		106	70-130	3.45	25	
tert-Butyl Ethyl Ether (TBEE)	10.5	0.50	µg/L	10.0		105	70-130	1.54	25	
Carbon Disulfide	7.93	2.0	µg/L	10.0		79.3	70-130	14.6	25	
Carbon Tetrachloride	9.18	5.0	µg/L	10.0		91.8	70-130	5.51	25	
Chlorobenzene	11.2	1.0	µg/L	10.0		112	70-130	1.85	25	
Chlorodibromomethane	8.11	0.50	µg/L	10.0		81.1	70-130	1.35	25	V-05
Chloroethane	10.0	2.0	µg/L	10.0		100	70-130	10.2	25	
Chloroform	10.8	2.0	µg/L	10.0		108	70-130	1.19	25	
Chloromethane	8.28	2.0	µg/L	10.0		82.8	40-160	0.962	25	†
2-Chlorotoluene	10.8	1.0	µg/L	10.0		108	70-130	0.838	25	
4-Chlorotoluene	11.2	1.0	µg/L	10.0		112	70-130	0.899	25	
1,2-Dibromo-3-chloropropane (DBCP)	9.77	5.0	µg/L	10.0		97.7	70-130	1.24	25	
1,2-Dibromoethane (EDB)	10.9	0.50	µg/L	10.0		109	70-130	1.09	25	
Dibromomethane	11.2	1.0	µg/L	10.0		112	70-130	3.07	25	
1,2-Dichlorobenzene	11.2	1.0	µg/L	10.0		112	70-130	0.974	25	
1,3-Dichlorobenzene	11.1	1.0	µg/L	10.0		111	70-130	1.43	25	
1,4-Dichlorobenzene	11.4	1.0	µg/L	10.0		114	70-130	2.17	25	
trans-1,4-Dichloro-2-butene	9.80	2.0	µg/L	10.0		98.0	70-130	1.85	25	
Dichlorodifluoromethane (Freon 12)	6.19	2.0	µg/L	10.0		61.9	40-160	5.65	25	†
1,1-Dichloroethane	11.6	1.0	µg/L	10.0		116	70-130	1.71	25	
1,2-Dichloroethane	10.5	1.0	µg/L	10.0		105	70-130	0.0952	25	
1,1-Dichloroethylene	10.3	1.0	µg/L	10.0		103	70-130	11.4	25	
cis-1,2-Dichloroethylene	10.6	1.0	µg/L	10.0		106	70-130	2.89	25	
trans-1,2-Dichloroethylene	9.05	1.0	µg/L	10.0		90.5	70-130	25.6	*	25 R-05
1,2-Dichloropropane	11.2	1.0	µg/L	10.0		112	70-130	4.37	25	
1,3-Dichloropropane	11.3	0.50	µg/L	10.0		113	70-130	0.266	25	
2,2-Dichloropropane	7.14	1.0	µg/L	10.0		71.4	40-130	5.45	25	V-05 †
1,1-Dichloropropene	10.9	2.0	µg/L	10.0		109	70-130	4.14	25	
cis-1,3-Dichloropropene	7.70	0.50	µg/L	10.0		77.0	70-130	2.18	25	V-05
trans-1,3-Dichloropropene	7.68	0.50	µg/L	10.0		76.8	70-130	1.17	25	V-05
Diethyl Ether	10.5	2.0	µg/L	10.0		105	70-130	18.2	25	
Diisopropyl Ether (DIPE)	12.8	0.50	µg/L	10.0		128	70-130	0.233	25	

QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B065865 - SW-846 5030B
LCS Dup (B065865-BSD1)

Prepared & Analyzed: 01/09/13

1,4-Dioxane	108	50	µg/L	100		108	40-130	4.10	50	V-16 † ‡
Ethylbenzene	11.3	1.0	µg/L	10.0		113	70-130	3.38	25	
Hexachlorobutadiene	11.4	0.50	µg/L	10.0		114	70-130	1.41	25	
2-Hexanone (MBK)	110	10	µg/L	100		110	70-160	4.13	25	†
Isopropylbenzene (Cumene)	10.7	1.0	µg/L	10.0		107	70-130	1.58	25	
p-Isopropyltoluene (p-Cymene)	11.6	1.0	µg/L	10.0		116	70-130	1.54	25	
Methyl tert-Butyl Ether (MTBE)	9.64	1.0	µg/L	10.0		96.4	70-130	11.8	25	
Methylene Chloride	8.48	5.0	µg/L	10.0		84.8	70-130	30.3 *	25	R-05
4-Methyl-2-pentanone (MIBK)	111	10	µg/L	100		111	70-160	3.04	25	†
Naphthalene	9.23	2.0	µg/L	10.0		92.3	40-130	6.14	25	†
n-Propylbenzene	11.0	1.0	µg/L	10.0		110	70-130	0.818	25	
Styrene	11.0	1.0	µg/L	10.0		110	70-130	1.26	25	
1,1,1,2-Tetrachloroethane	10.0	2.0	µg/L	10.0		100	70-130	0.497	25	
1,1,2,2-Tetrachloroethane	12.1	0.50	µg/L	10.0		121	70-130	4.90	25	
Tetrachloroethylene	9.99	1.0	µg/L	10.0		99.9	70-130	4.69	25	
Tetrahydrofuran	12.2	10	µg/L	10.0		122	70-130	6.15	25	
Toluene	10.6	1.0	µg/L	10.0		106	70-130	3.44	25	
1,2,3-Trichlorobenzene	9.30	5.0	µg/L	10.0		93.0	70-130	7.94	25	
1,2,4-Trichlorobenzene	9.22	5.0	µg/L	10.0		92.2	70-130	3.08	25	
1,3,5-Trichlorobenzene	11.1	1.0	µg/L	10.0		111	70-130	1.18	25	
1,1,1-Trichloroethane	9.60	1.0	µg/L	10.0		96.0	70-130	5.18	25	
1,1,2-Trichloroethane	11.3	1.0	µg/L	10.0		113	70-130	1.84	25	
Trichloroethylene	10.6	1.0	µg/L	10.0		106	70-130	2.99	25	
Trichlorofluoromethane (Freon 11)	10.6	2.0	µg/L	10.0		106	70-130	3.57	25	
1,2,3-Trichloropropane	11.5	2.0	µg/L	10.0		115	70-130	2.11	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.9	1.0	µg/L	10.0		109	70-130	9.61	25	
1,2,4-Trimethylbenzene	11.2	1.0	µg/L	10.0		112	70-130	3.66	25	
1,3,5-Trimethylbenzene	10.8	1.0	µg/L	10.0		108	70-130	1.10	25	
Vinyl Chloride	7.79	2.0	µg/L	10.0		77.9	40-160	3.53	25	†
m+p Xylene	22.8	2.0	µg/L	20.0		114	70-130	1.70	25	
o-Xylene	11.1	1.0	µg/L	10.0		111	70-130	1.69	25	
Surrogate: 1,2-Dichloroethane-d4	24.7		µg/L	25.0		98.8	70-130			
Surrogate: Toluene-d8	24.6		µg/L	25.0		98.5	70-130			
Surrogate: 4-Bromofluorobenzene	25.9		µg/L	25.0		104	70-130			

Batch B065874 - SW-846 5035
Blank (B065874-BLK1)

Prepared & Analyzed: 01/09/13

Acetone	ND	0.10	mg/Kg wet							
Acrylonitrile	ND	0.0060	mg/Kg wet							V-16
tert-Amyl Methyl Ether (TAME)	ND	0.0010	mg/Kg wet							
Benzene	ND	0.0020	mg/Kg wet							
Bromobenzene	ND	0.0020	mg/Kg wet							
Bromochloromethane	ND	0.0020	mg/Kg wet							
Bromodichloromethane	ND	0.0020	mg/Kg wet							
Bromoform	ND	0.0020	mg/Kg wet							
Bromomethane	ND	0.010	mg/Kg wet							
2-Butanone (MEK)	ND	0.040	mg/Kg wet							
tert-Butyl Alcohol (TBA)	ND	0.040	mg/Kg wet							V-16
n-Butylbenzene	ND	0.0020	mg/Kg wet							
sec-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butylbenzene	ND	0.0020	mg/Kg wet							

QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B065874 - SW-846 5035										
Blank (B065874-BLK1)				Prepared & Analyzed: 01/09/13						
tert-Butyl Ethyl Ether (TBEE)	ND	0.0010	mg/Kg wet							
Carbon Disulfide	ND	0.0060	mg/Kg wet							
Carbon Tetrachloride	ND	0.0020	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0010	mg/Kg wet							
Chloroethane	ND	0.020	mg/Kg wet							
Chloroform	ND	0.0040	mg/Kg wet							
Chloromethane	ND	0.010	mg/Kg wet							
2-Chlorotoluene	ND	0.0020	mg/Kg wet							
4-Chlorotoluene	ND	0.0020	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet							V-05, V-16
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg wet							
Dibromomethane	ND	0.0020	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet							
trans-1,4-Dichloro-2-butene	ND	0.0040	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg wet							
1,1-Dichloroethane	ND	0.0020	mg/Kg wet							
1,2-Dichloroethane	ND	0.0020	mg/Kg wet							
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
1,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,3-Dichloropropane	ND	0.0010	mg/Kg wet							
2,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,1-Dichloropropene	ND	0.0020	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
Diethyl Ether	ND	0.020	mg/Kg wet							
Diisopropyl Ether (DIPE)	ND	0.0010	mg/Kg wet							
1,4-Dioxane	ND	0.10	mg/Kg wet							V-16
Ethylbenzene	ND	0.0020	mg/Kg wet							
Hexachlorobutadiene	ND	0.0020	mg/Kg wet							V-05
2-Hexanone (MBK)	ND	0.020	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.0020	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg wet							
Methylene Chloride	ND	0.020	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg wet							
Naphthalene	ND	0.0040	mg/Kg wet							
n-Propylbenzene	ND	0.0020	mg/Kg wet							
Styrene	ND	0.0020	mg/Kg wet							
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet							
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet							
Tetrachloroethylene	ND	0.0020	mg/Kg wet							
Tetrahydrofuran	ND	0.010	mg/Kg wet							V-16
Toluene	ND	0.0020	mg/Kg wet							
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,3,5-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet							

QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B065874 - SW-846 5035										
Blank (B065874-BLK1)				Prepared & Analyzed: 01/09/13						
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet							
Trichloroethylene	ND	0.0020	mg/Kg wet							
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet							V-05
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg wet							V-05
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg wet							
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg wet							
Vinyl Chloride	ND	0.010	mg/Kg wet							
m+p Xylene	ND	0.0040	mg/Kg wet							
o-Xylene	ND	0.0020	mg/Kg wet							
Surrogate: 1,2-Dichloroethane-d4	0.0404		mg/Kg wet	0.0500		80.9	70-130			
Surrogate: Toluene-d8	0.0506		mg/Kg wet	0.0500		101	70-130			
Surrogate: 4-Bromofluorobenzene	0.0540		mg/Kg wet	0.0500		108	70-130			
LCS (B065874-BS1)				Prepared & Analyzed: 01/09/13						
Acetone	0.177	0.10	mg/Kg wet	0.200		88.7	70-160			†
Acrylonitrile	0.0244	0.0060	mg/Kg wet	0.0200		122	70-130			V-16
tert-Amyl Methyl Ether (TAME)	0.0223	0.0010	mg/Kg wet	0.0200		111	70-130			
Benzene	0.0234	0.0020	mg/Kg wet	0.0200		117	70-130			
Bromobenzene	0.0193	0.0020	mg/Kg wet	0.0200		96.3	70-130			
Bromochloromethane	0.0223	0.0020	mg/Kg wet	0.0200		112	70-130			
Bromodichloromethane	0.0176	0.0020	mg/Kg wet	0.0200		88.1	70-130			
Bromoform	0.0160	0.0020	mg/Kg wet	0.0200		80.0	70-130			
Bromomethane	0.0162	0.010	mg/Kg wet	0.0200		81.1	40-130			†
2-Butanone (MEK)	0.221	0.040	mg/Kg wet	0.200		110	70-160			V-20 †
tert-Butyl Alcohol (TBA)	0.199	0.040	mg/Kg wet	0.200		99.7	40-130			V-16 †
n-Butylbenzene	0.0181	0.0020	mg/Kg wet	0.0200		90.4	70-130			
sec-Butylbenzene	0.0189	0.0020	mg/Kg wet	0.0200		94.5	70-130			
tert-Butylbenzene	0.0176	0.0020	mg/Kg wet	0.0200		87.9	70-160			†
tert-Butyl Ethyl Ether (TBEE)	0.0231	0.0010	mg/Kg wet	0.0200		116	70-130			
Carbon Disulfide	0.0175	0.0060	mg/Kg wet	0.0200		87.7	70-130			
Carbon Tetrachloride	0.0177	0.0020	mg/Kg wet	0.0200		88.7	70-130			
Chlorobenzene	0.0195	0.0020	mg/Kg wet	0.0200		97.4	70-130			
Chlorodibromomethane	0.0175	0.0010	mg/Kg wet	0.0200		87.6	70-130			
Chloroethane	0.0177	0.020	mg/Kg wet	0.0200		88.5	70-130			
Chloroform	0.0204	0.0040	mg/Kg wet	0.0200		102	70-130			
Chloromethane	0.0225	0.010	mg/Kg wet	0.0200		112	70-130			
2-Chlorotoluene	0.0187	0.0020	mg/Kg wet	0.0200		93.5	70-130			
4-Chlorotoluene	0.0191	0.0020	mg/Kg wet	0.0200		95.6	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	0.0143	0.0020	mg/Kg wet	0.0200		71.3	70-130			V-05, V-16
1,2-Dibromoethane (EDB)	0.0203	0.0010	mg/Kg wet	0.0200		101	70-130			
Dibromomethane	0.0193	0.0020	mg/Kg wet	0.0200		96.6	70-130			
1,2-Dichlorobenzene	0.0173	0.0020	mg/Kg wet	0.0200		86.3	70-130			
1,3-Dichlorobenzene	0.0173	0.0020	mg/Kg wet	0.0200		86.4	70-130			
1,4-Dichlorobenzene	0.0174	0.0020	mg/Kg wet	0.0200		86.8	70-130			
trans-1,4-Dichloro-2-butene	0.0180	0.0040	mg/Kg wet	0.0200		90.0	70-130			
Dichlorodifluoromethane (Freon 12)	0.0127	0.020	mg/Kg wet	0.0200		63.7	40-160			†
1,1-Dichloroethane	0.0225	0.0020	mg/Kg wet	0.0200		112	70-130			
1,2-Dichloroethane	0.0171	0.0020	mg/Kg wet	0.0200		85.5	70-130			
1,1-Dichloroethylene	0.0164	0.0040	mg/Kg wet	0.0200		81.8	70-130			
cis-1,2-Dichloroethylene	0.0206	0.0020	mg/Kg wet	0.0200		103	70-130			
trans-1,2-Dichloroethylene	0.0217	0.0020	mg/Kg wet	0.0200		108	70-130			

QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B065874 - SW-846 5035										
LCS (B065874-BS1)				Prepared & Analyzed: 01/09/13						
1,2-Dichloropropane	0.0232	0.0020	mg/Kg wet	0.0200		116	70-130			
1,3-Dichloropropane	0.0212	0.0010	mg/Kg wet	0.0200		106	70-130			
2,2-Dichloropropane	0.0187	0.0020	mg/Kg wet	0.0200		93.5	70-130			
1,1-Dichloropropene	0.0212	0.0020	mg/Kg wet	0.0200		106	70-130			
cis-1,3-Dichloropropene	0.0200	0.0010	mg/Kg wet	0.0200		100	70-130			
trans-1,3-Dichloropropene	0.0198	0.0010	mg/Kg wet	0.0200		98.9	70-130			
Diethyl Ether	0.0173	0.020	mg/Kg wet	0.0200		86.7	70-130			
Diisopropyl Ether (DIPE)	0.0262	0.0010	mg/Kg wet	0.0200		131 *	70-130			L-02
1,4-Dioxane	0.215	0.10	mg/Kg wet	0.200		108	40-160			V-16 †
Ethylbenzene	0.0199	0.0020	mg/Kg wet	0.0200		99.7	70-130			
Hexachlorobutadiene	0.0162	0.0020	mg/Kg wet	0.0200		81.1	70-160			V-05
2-Hexanone (MBK)	0.224	0.020	mg/Kg wet	0.200		112	70-160			V-20 †
Isopropylbenzene (Cumene)	0.0211	0.0020	mg/Kg wet	0.0200		105	70-130			
p-Isopropyltoluene (p-Cymene)	0.0178	0.0020	mg/Kg wet	0.0200		88.8	70-130			
Methyl tert-Butyl Ether (MTBE)	0.0227	0.0040	mg/Kg wet	0.0200		113	70-130			
Methylene Chloride	0.0232	0.020	mg/Kg wet	0.0200		116	40-160			†
4-Methyl-2-pentanone (MIBK)	0.228	0.020	mg/Kg wet	0.200		114	70-160			†
Naphthalene	0.0166	0.0040	mg/Kg wet	0.0200		83.2	40-130			†
n-Propylbenzene	0.0197	0.0020	mg/Kg wet	0.0200		98.7	70-130			
Styrene	0.0210	0.0020	mg/Kg wet	0.0200		105	70-130			
1,1,1,2-Tetrachloroethane	0.0179	0.0020	mg/Kg wet	0.0200		89.5	70-130			
1,1,2,2-Tetrachloroethane	0.0209	0.0010	mg/Kg wet	0.0200		104	70-130			
Tetrachloroethylene	0.0209	0.0020	mg/Kg wet	0.0200		104	70-130			
Tetrahydrofuran	0.0230	0.010	mg/Kg wet	0.0200		115	70-130			V-16
Toluene	0.0203	0.0020	mg/Kg wet	0.0200		101	70-130			
1,2,3-Trichlorobenzene	0.0178	0.0020	mg/Kg wet	0.0200		89.2	70-130			
1,2,4-Trichlorobenzene	0.0172	0.0020	mg/Kg wet	0.0200		86.2	70-130			
1,3,5-Trichlorobenzene	0.0175	0.0020	mg/Kg wet	0.0200		87.7	70-130			
1,1,1-Trichloroethane	0.0181	0.0020	mg/Kg wet	0.0200		90.3	70-130			
1,1,2-Trichloroethane	0.0209	0.0020	mg/Kg wet	0.0200		104	70-130			
Trichloroethylene	0.0206	0.0020	mg/Kg wet	0.0200		103	70-130			
Trichlorofluoromethane (Freon 11)	0.0150	0.010	mg/Kg wet	0.0200		74.8	70-130			V-05
1,2,3-Trichloropropane	0.0176	0.0020	mg/Kg wet	0.0200		88.0	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0175	0.010	mg/Kg wet	0.0200		87.4	70-130			V-05
1,2,4-Trimethylbenzene	0.0171	0.0020	mg/Kg wet	0.0200		85.4	70-130			
1,3,5-Trimethylbenzene	0.0194	0.0020	mg/Kg wet	0.0200		96.9	70-130			
Vinyl Chloride	0.0170	0.010	mg/Kg wet	0.0200		84.8	40-130			†
m+p Xylene	0.0389	0.0040	mg/Kg wet	0.0400		97.2	70-130			
o-Xylene	0.0194	0.0020	mg/Kg wet	0.0200		97.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0395		mg/Kg wet	0.0500		79.1	70-130			
Surrogate: Toluene-d8	0.0514		mg/Kg wet	0.0500		103	70-130			
Surrogate: 4-Bromofluorobenzene	0.0548		mg/Kg wet	0.0500		110	70-130			

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B065874 - SW-846 5035										
LCS Dup (B065874-BSD1)				Prepared & Analyzed: 01/09/13						
Acetone	0.195	0.10	mg/Kg wet	0.200		97.3	70-160	9.16	25	†
Acrylonitrile	0.0274	0.0060	mg/Kg wet	0.0200		137	* 70-130	11.5	25	L-07, V-16
tert-Amyl Methyl Ether (TAME)	0.0237	0.0010	mg/Kg wet	0.0200		119	70-130	6.35	25	
Benzene	0.0248	0.0020	mg/Kg wet	0.0200		124	70-130	5.90	25	
Bromobenzene	0.0203	0.0020	mg/Kg wet	0.0200		102	70-130	5.36	25	
Bromochloromethane	0.0237	0.0020	mg/Kg wet	0.0200		119	70-130	5.99	25	
Bromodichloromethane	0.0185	0.0020	mg/Kg wet	0.0200		92.5	70-130	4.87	25	
Bromoform	0.0169	0.0020	mg/Kg wet	0.0200		84.4	70-130	5.35	25	
Bromomethane	0.0172	0.010	mg/Kg wet	0.0200		86.2	40-130	6.10	25	†
2-Butanone (MEK)	0.239	0.040	mg/Kg wet	0.200		119	70-160	7.85	25	V-20 †
tert-Butyl Alcohol (TBA)	0.213	0.040	mg/Kg wet	0.200		106	40-130	6.34	25	V-16 †
n-Butylbenzene	0.0189	0.0020	mg/Kg wet	0.0200		94.6	70-130	4.54	25	
sec-Butylbenzene	0.0196	0.0020	mg/Kg wet	0.0200		98.1	70-130	3.74	25	
tert-Butylbenzene	0.0184	0.0020	mg/Kg wet	0.0200		92.2	70-160	4.78	25	†
tert-Butyl Ethyl Ether (TBEE)	0.0242	0.0010	mg/Kg wet	0.0200		121	70-130	4.82	25	
Carbon Disulfide	0.0191	0.0060	mg/Kg wet	0.0200		95.4	70-130	8.41	25	
Carbon Tetrachloride	0.0185	0.0020	mg/Kg wet	0.0200		92.4	70-130	4.09	25	
Chlorobenzene	0.0206	0.0020	mg/Kg wet	0.0200		103	70-130	5.78	25	
Chlorodibromomethane	0.0186	0.0010	mg/Kg wet	0.0200		93.0	70-130	5.98	25	
Chloroethane	0.0192	0.020	mg/Kg wet	0.0200		96.0	70-130	8.13	25	
Chloroform	0.0216	0.0040	mg/Kg wet	0.0200		108	70-130	5.62	25	
Chloromethane	0.0242	0.010	mg/Kg wet	0.0200		121	70-130	7.45	25	
2-Chlorotoluene	0.0197	0.0020	mg/Kg wet	0.0200		98.3	70-130	5.01	25	
4-Chlorotoluene	0.0202	0.0020	mg/Kg wet	0.0200		101	70-130	5.59	25	
1,2-Dibromo-3-chloropropane (DBCP)	0.0148	0.0020	mg/Kg wet	0.0200		74.0	70-130	3.72	25	V-05, V-16
1,2-Dibromoethane (EDB)	0.0217	0.0010	mg/Kg wet	0.0200		109	70-130	6.95	25	
Dibromomethane	0.0214	0.0020	mg/Kg wet	0.0200		107	70-130	10.4	25	
1,2-Dichlorobenzene	0.0180	0.0020	mg/Kg wet	0.0200		90.1	70-130	4.31	25	
1,3-Dichlorobenzene	0.0181	0.0020	mg/Kg wet	0.0200		90.4	70-130	4.52	25	
1,4-Dichlorobenzene	0.0180	0.0020	mg/Kg wet	0.0200		90.2	70-130	3.84	25	
trans-1,4-Dichloro-2-butene	0.0189	0.0040	mg/Kg wet	0.0200		94.5	70-130	4.88	25	
Dichlorodifluoromethane (Freon 12)	0.0134	0.020	mg/Kg wet	0.0200		67.2	40-160	5.35	25	†
1,1-Dichloroethane	0.0234	0.0020	mg/Kg wet	0.0200		117	70-130	4.01	25	
1,2-Dichloroethane	0.0181	0.0020	mg/Kg wet	0.0200		90.5	70-130	5.68	25	
1,1-Dichloroethylene	0.0180	0.0040	mg/Kg wet	0.0200		89.9	70-130	9.44	25	
cis-1,2-Dichloroethylene	0.0218	0.0020	mg/Kg wet	0.0200		109	70-130	5.28	25	
trans-1,2-Dichloroethylene	0.0227	0.0020	mg/Kg wet	0.0200		114	70-130	4.68	25	
1,2-Dichloropropane	0.0243	0.0020	mg/Kg wet	0.0200		122	70-130	4.89	25	
1,3-Dichloropropane	0.0221	0.0010	mg/Kg wet	0.0200		111	70-130	4.15	25	
2,2-Dichloropropane	0.0196	0.0020	mg/Kg wet	0.0200		98.2	70-130	4.90	25	
1,1-Dichloropropene	0.0225	0.0020	mg/Kg wet	0.0200		112	70-130	6.04	25	
cis-1,3-Dichloropropene	0.0216	0.0010	mg/Kg wet	0.0200		108	70-130	7.51	25	
trans-1,3-Dichloropropene	0.0210	0.0010	mg/Kg wet	0.0200		105	70-130	6.17	25	
Diethyl Ether	0.0192	0.020	mg/Kg wet	0.0200		96.2	70-130	10.4	25	
Diisopropyl Ether (DIPE)	0.0281	0.0010	mg/Kg wet	0.0200		141	* 70-130	7.06	25	L-02
1,4-Dioxane	0.201	0.10	mg/Kg wet	0.200		100	40-160	6.80	50	V-16 † ‡
Ethylbenzene	0.0211	0.0020	mg/Kg wet	0.0200		106	70-130	5.75	25	
Hexachlorobutadiene	0.0166	0.0020	mg/Kg wet	0.0200		82.8	70-160	2.07	25	V-05
2-Hexanone (MBK)	0.236	0.020	mg/Kg wet	0.200		118	70-160	5.34	25	V-20 †
Isopropylbenzene (Cumene)	0.0226	0.0020	mg/Kg wet	0.0200		113	70-130	7.05	25	
p-Isopropyltoluene (p-Cymene)	0.0184	0.0020	mg/Kg wet	0.0200		92.2	70-130	3.76	25	
Methyl tert-Butyl Ether (MTBE)	0.0236	0.0040	mg/Kg wet	0.0200		118	70-130	3.89	25	

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B065874 - SW-846 5035

LCS Dup (B065874-BSD1)

Prepared & Analyzed: 01/09/13

Methylene Chloride	0.0245	0.020	mg/Kg wet	0.0200		122	40-160	5.54	25	†
4-Methyl-2-pentanone (MIBK)	0.244	0.020	mg/Kg wet	0.200		122	70-160	6.66	25	†
Naphthalene	0.0173	0.0040	mg/Kg wet	0.0200		86.4	40-130	3.77	25	†
n-Propylbenzene	0.0211	0.0020	mg/Kg wet	0.0200		105	70-130	6.57	25	
Styrene	0.0223	0.0020	mg/Kg wet	0.0200		111	70-130	5.83	25	
1,1,1,2-Tetrachloroethane	0.0191	0.0020	mg/Kg wet	0.0200		95.4	70-130	6.38	25	
1,1,2,2-Tetrachloroethane	0.0217	0.0010	mg/Kg wet	0.0200		108	70-130	3.66	25	
Tetrachloroethylene	0.0222	0.0020	mg/Kg wet	0.0200		111	70-130	6.31	25	
Tetrahydrofuran	0.0238	0.010	mg/Kg wet	0.0200		119	70-130	3.59	25	V-16
Toluene	0.0219	0.0020	mg/Kg wet	0.0200		110	70-130	7.78	25	
1,2,3-Trichlorobenzene	0.0186	0.0020	mg/Kg wet	0.0200		92.9	70-130	4.06	25	
1,2,4-Trichlorobenzene	0.0179	0.0020	mg/Kg wet	0.0200		89.4	70-130	3.64	25	
1,3,5-Trichlorobenzene	0.0186	0.0020	mg/Kg wet	0.0200		92.8	70-130	5.65	25	
1,1,1-Trichloroethane	0.0192	0.0020	mg/Kg wet	0.0200		95.9	70-130	6.02	25	
1,1,2-Trichloroethane	0.0225	0.0020	mg/Kg wet	0.0200		113	70-130	7.56	25	
Trichloroethylene	0.0214	0.0020	mg/Kg wet	0.0200		107	70-130	3.53	25	
Trichlorofluoromethane (Freon 11)	0.0164	0.010	mg/Kg wet	0.0200		81.9	70-130	9.06	25	V-05
1,2,3-Trichloropropane	0.0185	0.0020	mg/Kg wet	0.0200		92.7	70-130	5.20	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0191	0.010	mg/Kg wet	0.0200		95.4	70-130	8.75	25	V-05
1,2,4-Trimethylbenzene	0.0180	0.0020	mg/Kg wet	0.0200		90.1	70-130	5.36	25	
1,3,5-Trimethylbenzene	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130	5.03	25	
Vinyl Chloride	0.0181	0.010	mg/Kg wet	0.0200		90.6	40-130	6.61	25	†
m+p Xylene	0.0415	0.0040	mg/Kg wet	0.0400		104	70-130	6.62	25	
o-Xylene	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130	6.97	25	
Surrogate: 1,2-Dichloroethane-d4	0.0395		mg/Kg wet	0.0500		79.0	70-130			
Surrogate: Toluene-d8	0.0521		mg/Kg wet	0.0500		104	70-130			
Surrogate: 4-Bromofluorobenzene	0.0551		mg/Kg wet	0.0500		110	70-130			

Matrix Spike (B065874-MS1)

Source: 13A0188-01

Prepared & Analyzed: 01/09/13

Acetone	0.256	0.10	mg/Kg dry	0.202	ND	127	70-130			
Acrylonitrile	0.0273	0.0061	mg/Kg dry	0.0202	ND	135	* 70-130			MS-14, V-16
tert-Amyl Methyl Ether (TAME)	0.0227	0.0010	mg/Kg dry	0.0202	ND	112	70-130			
Benzene	0.0228	0.0020	mg/Kg dry	0.0202	ND	113	70-130			
Bromobenzene	0.0192	0.0020	mg/Kg dry	0.0202	ND	95.0	70-130			
Bromochloromethane	0.0225	0.0020	mg/Kg dry	0.0202	ND	111	70-130			
Bromodichloromethane	0.0172	0.0020	mg/Kg dry	0.0202	ND	85.0	70-130			
Bromoform	0.0172	0.0020	mg/Kg dry	0.0202	ND	85.1	70-130			
Bromomethane	0.0141	0.010	mg/Kg dry	0.0202	ND	69.7	* 70-130			MS-07
2-Butanone (MEK)	0.266	0.040	mg/Kg dry	0.202	ND	131	* 70-130			MS-14
tert-Butyl Alcohol (TBA)	0.222	0.040	mg/Kg dry	0.202	ND	110	70-130			V-16
n-Butylbenzene	0.0177	0.0020	mg/Kg dry	0.0202	ND	87.5	70-130			
sec-Butylbenzene	0.0185	0.0020	mg/Kg dry	0.0202	ND	91.4	70-130			
tert-Butylbenzene	0.0171	0.0020	mg/Kg dry	0.0202	ND	84.5	70-130			
tert-Butyl Ethyl Ether (TBEE)	0.0229	0.0010	mg/Kg dry	0.0202	ND	113	70-130			
Carbon Disulfide	0.0166	0.0061	mg/Kg dry	0.0202	ND	81.9	70-130			
Carbon Tetrachloride	0.0171	0.0020	mg/Kg dry	0.0202	ND	84.5	70-130			
Chlorobenzene	0.0193	0.0020	mg/Kg dry	0.0202	ND	95.5	70-130			
Chlorodibromomethane	0.0182	0.0010	mg/Kg dry	0.0202	ND	89.7	70-130			
Chloroethane	0.0164	0.020	mg/Kg dry	0.0202	ND	81.2	70-130			
Chloroform	0.0204	0.0040	mg/Kg dry	0.0202	0.000777	97.1	70-130			
Chloromethane	0.0215	0.010	mg/Kg dry	0.0202	ND	106	70-130			
2-Chlorotoluene	0.0185	0.0020	mg/Kg dry	0.0202	ND	91.2	70-130			

QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B065874 - SW-846 5035										
Matrix Spike (B065874-MS1)	Source: 13A0188-01			Prepared & Analyzed: 01/09/13						
4-Chlorotoluene	0.0191	0.0020	mg/Kg dry	0.0202	ND	94.4	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	0.0151	0.0020	mg/Kg dry	0.0202	ND	74.8	70-130			V-05, V-16
1,2-Dibromoethane (EDB)	0.0225	0.0010	mg/Kg dry	0.0202	ND	111	70-130			
Dibromomethane	0.0209	0.0020	mg/Kg dry	0.0202	ND	103	70-130			
1,2-Dichlorobenzene	0.0172	0.0020	mg/Kg dry	0.0202	ND	85.0	70-130			
1,3-Dichlorobenzene	0.0170	0.0020	mg/Kg dry	0.0202	ND	84.0	70-130			
1,4-Dichlorobenzene	0.0171	0.0020	mg/Kg dry	0.0202	ND	84.5	70-130			
trans-1,4-Dichloro-2-butene	0.0202	0.0040	mg/Kg dry	0.0202	ND	100	70-130			
Dichlorodifluoromethane (Freon 12)	0.0118	0.020	mg/Kg dry	0.0202	ND	58.3 *	70-130			MS-07
1,1-Dichloroethane	0.0216	0.0020	mg/Kg dry	0.0202	ND	106	70-130			
1,2-Dichloroethane	0.0178	0.0020	mg/Kg dry	0.0202	ND	88.1	70-130			
1,1-Dichloroethylene	0.0164	0.0040	mg/Kg dry	0.0202	ND	81.1	70-130			
cis-1,2-Dichloroethylene	0.0221	0.0020	mg/Kg dry	0.0202	0.00254	96.4	70-130			
trans-1,2-Dichloroethylene	0.0207	0.0020	mg/Kg dry	0.0202	ND	102	70-130			
1,2-Dichloropropane	0.0225	0.0020	mg/Kg dry	0.0202	ND	111	70-130			
1,3-Dichloropropane	0.0222	0.0010	mg/Kg dry	0.0202	ND	110	70-130			
2,2-Dichloropropane	0.0179	0.0020	mg/Kg dry	0.0202	ND	88.6	70-130			
1,1-Dichloropropene	0.0209	0.0020	mg/Kg dry	0.0202	ND	103	70-130			
cis-1,3-Dichloropropene	0.0199	0.0010	mg/Kg dry	0.0202	ND	98.5	70-130			
trans-1,3-Dichloropropene	0.0199	0.0010	mg/Kg dry	0.0202	ND	98.5	70-130			
Diethyl Ether	0.0181	0.020	mg/Kg dry	0.0202	ND	89.4	70-130			
Diisopropyl Ether (DIPE)	0.0263	0.0010	mg/Kg dry	0.0202	ND	130	70-130			
1,4-Dioxane	0.238	0.10	mg/Kg dry	0.202	ND	118	70-130			V-16
Ethylbenzene	0.0196	0.0020	mg/Kg dry	0.0202	ND	97.0	70-130			
Hexachlorobutadiene	0.0151	0.0020	mg/Kg dry	0.0202	ND	74.6	70-130			V-05
2-Hexanone (MBK)	0.266	0.020	mg/Kg dry	0.202	ND	131 *	70-130			MS-14
Isopropylbenzene (Cumene)	0.0210	0.0020	mg/Kg dry	0.0202	ND	104	70-130			
p-Isopropyltoluene (p-Cymene)	0.0172	0.0020	mg/Kg dry	0.0202	ND	85.0	70-130			
Methyl tert-Butyl Ether (MTBE)	0.0231	0.0040	mg/Kg dry	0.0202	ND	114	70-130			
Methylene Chloride	0.0241	0.020	mg/Kg dry	0.0202	ND	119	70-130			
4-Methyl-2-pentanone (MIBK)	0.261	0.020	mg/Kg dry	0.202	ND	129	70-130			
Naphthalene	0.0167	0.0040	mg/Kg dry	0.0202	ND	82.6	70-130			
n-Propylbenzene	0.0195	0.0020	mg/Kg dry	0.0202	ND	96.1	70-130			
Styrene	0.0205	0.0020	mg/Kg dry	0.0202	ND	101	70-130			
1,1,1,2-Tetrachloroethane	0.0181	0.0020	mg/Kg dry	0.0202	ND	89.2	70-130			
1,1,2,2-Tetrachloroethane	0.0233	0.0010	mg/Kg dry	0.0202	ND	115	70-130			
Tetrachloroethylene	0.0211	0.0020	mg/Kg dry	0.0202	ND	104	70-130			
Tetrahydrofuran	0.0250	0.010	mg/Kg dry	0.0202	ND	123	70-130			V-16
Toluene	0.0202	0.0020	mg/Kg dry	0.0202	ND	99.8	70-130			
1,2,3-Trichlorobenzene	0.0174	0.0020	mg/Kg dry	0.0202	ND	85.9	70-130			
1,2,4-Trichlorobenzene	0.0169	0.0020	mg/Kg dry	0.0202	ND	83.3	70-130			
1,3,5-Trichlorobenzene	0.0170	0.0020	mg/Kg dry	0.0202	ND	83.8	70-130			
1,1,1-Trichloroethane	0.0178	0.0020	mg/Kg dry	0.0202	ND	87.8	70-130			
1,1,2-Trichloroethane	0.0227	0.0020	mg/Kg dry	0.0202	ND	112	70-130			
Trichloroethylene	0.0479	0.0020	mg/Kg dry	0.0202	0.0392	43.1 *	70-130			MS-07
Trichlorofluoromethane (Freon 11)	0.0150	0.010	mg/Kg dry	0.0202	ND	74.1	70-130			V-05
1,2,3-Trichloropropane	0.0199	0.0020	mg/Kg dry	0.0202	ND	98.5	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0175	0.010	mg/Kg dry	0.0202	ND	86.5	70-130			V-05
1,2,4-Trimethylbenzene	0.0172	0.0020	mg/Kg dry	0.0202	ND	84.9	70-130			
1,3,5-Trimethylbenzene	0.0192	0.0020	mg/Kg dry	0.0202	ND	94.9	70-130			
Vinyl Chloride	0.0159	0.010	mg/Kg dry	0.0202	ND	78.6	70-130			

QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B065874 - SW-846 5035
Matrix Spike (B065874-MS1)
Source: 13A0188-01

Prepared & Analyzed: 01/09/13

m+p Xylene	0.0384	0.0040	mg/Kg dry	0.0405	ND	94.8	70-130			
o-Xylene	0.0192	0.0020	mg/Kg dry	0.0202	ND	95.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0421		mg/Kg dry	0.0506		83.1	70-130			
Surrogate: Toluene-d8	0.0524		mg/Kg dry	0.0506		103	70-130			
Surrogate: 4-Bromofluorobenzene	0.0561		mg/Kg dry	0.0506		111	70-130			

QUALITY CONTROL

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B065915 - % Solids

Duplicate (B065915-DUP3)

Source: 13A0188-01

Prepared: 01/10/13 Analyzed: 01/11/13

% Solids	90.4		% Wt		89.8			0.666	20	

FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
L-02	Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.
L-07	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.
MS-07	Matrix spike recovery is outside of control limits. Analysis is in control based on laboratory fortified blank recovery. Possibility of sample matrix effects that lead to low bias for reported result or non-homogeneous sample aliquot cannot be eliminated.
MS-14	Matrix spike recovery is outside of control limits. Data validation is not affected since sample result is "not detected" and recovery bias is on the high side for this compound.
R-05	Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.
V-16	Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy may be associated with reported result.
V-20	Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8260C in Soil</i>	
Acetone	CT,NH,NY,ME,VA
Acrylonitrile	CT,NH,NY,ME,VA
Benzene	CT,NH,NY,ME,VA
Bromobenzene	NH,NY,ME,VA
Bromochloromethane	NH,NY,ME,VA
Bromodichloromethane	CT,NH,NY,ME,VA
Bromoform	CT,NH,NY,ME,VA
Bromomethane	CT,NH,NY,ME,VA
2-Butanone (MEK)	CT,NH,NY,ME,VA
n-Butylbenzene	CT,NH,NY,ME,VA
sec-Butylbenzene	CT,NH,NY,ME,VA
tert-Butylbenzene	CT,NH,NY,ME,VA
Carbon Disulfide	CT,NH,NY,ME,VA
Carbon Tetrachloride	CT,NH,NY,ME,VA
Chlorobenzene	CT,NH,NY,ME,VA
Chlorodibromomethane	CT,NH,NY,ME,VA
Chloroethane	CT,NH,NY,ME,VA
Chloroform	CT,NH,NY,ME,VA
Chloromethane	CT,NH,NY,ME,VA
2-Chlorotoluene	CT,NH,NY,ME,VA
4-Chlorotoluene	CT,NH,NY,ME,VA
Dibromomethane	NH,NY,ME,VA
1,2-Dichlorobenzene	CT,NH,NY,ME,VA
1,3-Dichlorobenzene	CT,NH,NY,ME,VA
1,4-Dichlorobenzene	CT,NH,NY,ME,VA
Dichlorodifluoromethane (Freon 12)	NH,NY,ME,VA
1,1-Dichloroethane	CT,NH,NY,ME,VA
1,2-Dichloroethane	CT,NH,NY,ME,VA
1,1-Dichloroethylene	CT,NH,NY,ME,VA
cis-1,2-Dichloroethylene	CT,NH,NY,ME,VA
trans-1,2-Dichloroethylene	CT,NH,NY,ME,VA
1,2-Dichloropropane	CT,NH,NY,ME,VA
1,3-Dichloropropane	NH,NY,ME,VA
2,2-Dichloropropane	NH,NY,ME,VA
1,1-Dichloropropene	NH,NY,ME,VA
cis-1,3-Dichloropropene	CT,NH,NY,ME,VA
trans-1,3-Dichloropropene	CT,NH,NY,ME,VA
Ethylbenzene	CT,NH,NY,ME,VA
Hexachlorobutadiene	NH,NY,ME,VA
2-Hexanone (MBK)	CT,NH,NY,ME,VA
Isopropylbenzene (Cumene)	CT,NH,NY,ME,VA
p-Isopropyltoluene (p-Cymene)	NH,NY
Methyl tert-Butyl Ether (MTBE)	NY,VA
Methylene Chloride	CT,NH,NY,ME,VA
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,VA
Naphthalene	NH,NY,ME,VA
n-Propylbenzene	NH,NY

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8260C in Soil</i>	
Styrene	CT,NH,NY,ME,VA
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME,VA
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME,VA
Tetrachloroethylene	CT,NH,NY,ME,VA
Toluene	CT,NH,NY,ME,VA
1,2,3-Trichlorobenzene	ME
1,2,4-Trichlorobenzene	NH,NY,ME,VA
1,3,5-Trichlorobenzene	ME
1,1,1-Trichloroethane	CT,NH,NY,ME,VA
1,1,2-Trichloroethane	CT,NH,NY,ME,VA
Trichloroethylene	CT,NH,NY,ME,VA
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME,VA
1,2,3-Trichloropropane	NH,NY,ME,VA
1,2,4-Trimethylbenzene	CT,NH,NY,ME,VA
1,3,5-Trimethylbenzene	CT,NH,NY,ME,VA
Vinyl Chloride	CT,NH,NY,ME,VA
m+p Xylene	CT,NH,NY,ME,VA
o-Xylene	CT,NH,NY,ME,VA
<i>SW-846 8260C in Water</i>	
Acetone	CT,NY,ME,NH,VA
Acrylonitrile	CT,NY,ME,NH,RI,VA
tert-Amyl Methyl Ether (TAME)	NY,ME,NH,VA
Benzene	CT,NY,ME,NH,RI,VA
Bromochloromethane	NY,ME,NH,VA
Bromodichloromethane	CT,NY,ME,NH,RI,VA
Bromoform	CT,NY,ME,NH,RI,VA
Bromomethane	CT,NY,ME,NH,RI,VA
2-Butanone (MEK)	CT,NY,ME,NH,VA
tert-Butyl Alcohol (TBA)	NY,ME,NH,VA
n-Butylbenzene	NY,ME,VA
sec-Butylbenzene	NY,ME,VA
tert-Butylbenzene	NY,ME,VA
tert-Butyl Ethyl Ether (TBEE)	NY,ME,NH,VA
Carbon Disulfide	CT,NY,ME,NH,VA
Carbon Tetrachloride	CT,NY,ME,NH,RI,VA
Chlorobenzene	CT,NY,ME,NH,RI,VA
Chlorodibromomethane	CT,NY,ME,NH,RI,VA
Chloroethane	CT,NY,ME,NH,RI,VA
Chloroform	CT,NY,ME,NH,RI,VA
Chloromethane	CT,NY,ME,NH,RI,VA
2-Chlorotoluene	NY,ME,NH,VA
4-Chlorotoluene	NY,ME,NH,VA
Dibromomethane	NY,ME,NH,VA
1,2-Dichlorobenzene	CT,NY,ME,NH,RI,VA
1,3-Dichlorobenzene	CT,NY,ME,NH,RI,VA
1,4-Dichlorobenzene	CT,NY,ME,NH,RI,VA

CERTIFICATIONS
Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8260C in Water</i>	
trans-1,4-Dichloro-2-butene	NY,ME,NH,VA
Dichlorodifluoromethane (Freon 12)	NY,ME,NH,RI,VA
1,1-Dichloroethane	CT,NY,ME,NH,RI,VA
1,2-Dichloroethane	CT,NY,ME,NH,RI,VA
1,1-Dichloroethylene	CT,NY,ME,NH,RI,VA
cis-1,2-Dichloroethylene	NY,ME
trans-1,2-Dichloroethylene	CT,NY,ME,NH,RI,VA
1,2-Dichloropropane	CT,NY,ME,NH,RI,VA
1,3-Dichloropropane	NY,ME,VA
2,2-Dichloropropane	NY,ME,NH,VA
1,1-Dichloropropene	NY,ME,NH,VA
cis-1,3-Dichloropropene	CT,NY,ME,NH,RI,VA
trans-1,3-Dichloropropene	CT,NY,ME,NH,RI,VA
Diisopropyl Ether (DIPE)	NY,ME,NH,VA
Ethylbenzene	CT,NY,ME,NH,RI,VA
Hexachlorobutadiene	CT,NY,ME,NH,VA
2-Hexanone (MBK)	CT,NY,ME,NH,VA
Isopropylbenzene (Cumene)	NY,ME,VA
p-Isopropyltoluene (p-Cymene)	CT,NY,ME,NH,VA
Methyl tert-Butyl Ether (MTBE)	CT,NY,ME,NH,VA
Methylene Chloride	CT,NY,ME,NH,RI,VA
4-Methyl-2-pentanone (MIBK)	CT,NY,ME,NH,VA
Naphthalene	NY,ME,NH,VA
n-Propylbenzene	CT,NY,ME,NH,VA
Styrene	CT,NY,ME,NH,VA
1,1,1,2-Tetrachloroethane	CT,NY,ME,NH,VA
1,1,2,2-Tetrachloroethane	CT,NY,ME,NH,RI,VA
Tetrachloroethylene	CT,NY,ME,NH,RI,VA
Toluene	CT,NY,ME,NH,RI,VA
1,2,3-Trichlorobenzene	NY,ME,NH,VA
1,2,4-Trichlorobenzene	CT,NY,ME,NH,VA
1,3,5-Trichlorobenzene	ME
1,1,1-Trichloroethane	CT,NY,ME,NH,RI,VA
1,1,2-Trichloroethane	CT,NY,ME,NH,RI,VA
Trichloroethylene	CT,NY,ME,NH,RI,VA
Trichlorofluoromethane (Freon 11)	CT,NY,ME,NH,RI,VA
1,2,3-Trichloropropane	NY,ME,NH,VA
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NY,VA
1,2,4-Trimethylbenzene	NY,ME,VA
1,3,5-Trimethylbenzene	NY,ME,VA
Vinyl Chloride	CT,NY,ME,NH,RI,VA
m+p Xylene	CT,NY,ME,NH,RI,VA
o-Xylene	CT,NY,ME,NH,RI,VA

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2014
MA	Massachusetts DEP	M-MA100	06/30/2013
CT	Connecticut Department of Public Health	PH-0567	09/30/2013
NY	New York State Department of Health	10899 NELAP	04/1/2013
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2013
RI	Rhode Island Department of Health	LAO00112	12/30/2013
NC	North Carolina Div. of Water Quality	652	12/31/2013
NJ	New Jersey DEP	MA007 NELAP	06/30/2013
FL	Florida Department of Health	E871027 NELAP	06/30/2013
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2013
WA	State of Washington Department of Ecology	C2065	02/23/2013
ME	State of Maine	2011028	06/9/2013
VA	Commonwealth of Virginia	460217	12/14/2013
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2012



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CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Page of

Company Name: TRC Engineers Inc.

Telephone: (212) 221-7822

Address: 1430 Broadway 10th Fl

Project # 195072.0000000

City: New York, NY 10018

Client PO# 46919051887

Attention: Charlotte Butler

DATA DELIVERY (check all that apply)
☐ FAX ☐ EMAIL ☐ WEBSITE

Project Location: 209 9th St, Brooklyn, NY

Fax #

Sampled By: Jenna Rumpf

Email:

Format:
☐ PDF ☐ EXCEL ☐ GIS
☐ OTHER

Project Proposal Provided? (for billing purposes)
☐ yes ☐ no
proposal date

Con-Test Lab ID

Client Sample ID / Description

Beginning Date/Time

Ending Date/Time

Collection

Composite

Grab

Date

01

TRC-SB16(1-3)

1/8/13

1210

02

TRC-SB16(15-17)

1/8/13

1215

03

TRC-MW13

1/8/13

1230

04

TRC-SB13(1-2.25)

1/8/13

1355

05

TRC-SB13(15-16)

1/8/13

1400

06

TRC-MW10

1/8/13

1405

07

TRC-Blank

1/8/13

Comments: NYSCA Pricing

1/9/13

Relinquished by (signature)

Date/Time: 1/8/13 14:30

Turnaround ☐ 7 Day

Detection Limit Requirements

Received by (signature)

Date/Time: 1/8/13 2:30

Other ☐ 10 Day

Mass spec/sets:

Relinquished by (signature)

Date/Time: 1/8/13 8:15

RUSH ☐ Day

Connecticut

Relinquished by (signature)

Date/Time: 1/8/13 8:15

Require lab approval

Other:

Relinquished by (signature)

Date/Time: 1/8/13 8:15

Require lab approval

Other:

Relinquished by (signature)

Date/Time: 1/8/13 8:15

Require lab approval

Other:

Relinquished by (signature)

Date/Time: 1/8/13 8:15

Require lab approval

Other:

Relinquished by (signature)

Date/Time: 1/8/13 8:15

Require lab approval

Other:

ANALYSIS REQUESTED

of Containers

** Preservation

*** Container Code

Dissolved Metal

Field Filtered

Lab to Filter

*** Cont. Code:

A=amber glass

G=glass

P=plastic

ST=sterile

V=viol

S=summary can

T=tedlar bag

O=Other

** Preservation

I=iced

H=HCL

M=Methanol

N=Nitric Acid

S=Sulfuric Acid

B=Sodium bisulfate

X=Na hydroxide

T=Na thiosulfate

O=Other

* Matrix Code:

GW=groundwater

WW=wastewater

DW=drinking water

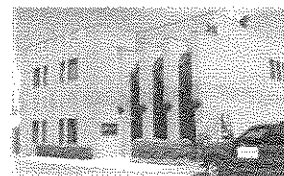
A=air

S=soil/solid

SL=sludge

O=other

39 Spruce St.
East Longmeadow, MA. 01028
P: 413-525-2332
F: 413-525-6405
www.contestlabs.com



Sample Receipt Checklist

CLIENT NAME: TR RECEIVED BY: WF DATE: 1-8-13

- 1) Was the chain(s) of custody relinquished and signed? Yes No No CoC Included
2) Does the chain agree with the samples? Yes No
If not, explain:
3) Are all the samples in good condition? Yes No
If not, explain:

4) How were the samples received:

On Ice ☒ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☒

Were the samples received in Temperature Compliance of (2-6°C)? Yes No N/A

Temperature °C by Temp blank _____ Temperature °C by Temp gun 4.2

- 5) Are there Dissolved samples for the lab to filter? Yes No

Who was notified _____ Date _____ Time _____

- 6) Are there any RUSH or SHORT HOLDING TIME samples? Yes No

Who was notified _____ Date _____ Time _____

- 7) Location where samples are stored:



Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____

- 8) Do all samples have the proper Acid pH: Yes No N/A

- 9) Do all samples have the proper Base pH: Yes No N/A

- 10) Was the PC notified of any discrepancies with the CoC vs the samples: Yes No N/A

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	<u>4</u>
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	
40 mL Vial - type listed below	<u>8</u>	PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore	<u>4</u>	TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments:

40 mL vials: # HCl 8 # Methanol _____
Bisulfate _____ # DI Water _____
Thiosulfate _____ Unpreserved _____

Time and Date Frozen:

Doc# 277

Rev. 3 May 2012

January 16, 2013

Charles Guder
TRC Environmental Corp - NY
1430 Broadway 10th Floor
New York, NY 10018

Project Location: 168 8th St., / 203 9th St., Brooklyn, NY
Client Job Number:
Project Number: 195072.0000.0000
Laboratory Work Order Number: 13A0226

Enclosed are results of analyses for samples received by the laboratory on January 9, 2013. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Meghan E. Kelley
Project Manager

TRC Environmental Corp - NY
1430 Broadway 10th Floor
New York, NY 10018
ATTN: Charles Guder

REPORT DATE: 1/16/2013

PURCHASE ORDER NUMBER: 52887

PROJECT NUMBER: 195072.0000.0000

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 13A0226

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 168 8th St., / 203 9th St., Brooklyn, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
TRC-SB15 (1-3)	13A0226-01	Soil		SM 2540G SW-846 8260C	
TRC-SB15 (10-13)	13A0226-02	Soil		SM 2540G SW-846 8260C	
TRC-DUP 1	13A0226-03	Soil		SM 2540G SW-846 8260C	
TRC-MW 12	13A0226-04	Ground Water		SW-846 8260C	
TRC-DUP 1	13A0226-05	Ground Water		SW-846 8260C	
Equipment Blank	13A0226-06	Equipment Blank Water		SW-846 8260C	
TRC-SB14 (1-4)	13A0226-07	Soil		SM 2540G SW-846 8260C	
TRC-SB14 (10-13)	13A0226-08	Soil		SM 2540G SW-846 8260C	
TRC-MW 11	13A0226-09	Ground Water		SW-846 8260C	
Trip Blank	13A0226-10	Trip Blank Water		SW-846 8260C	

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

SW-846 8260C

Qualifications:

Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.

Analyte & Samples(s) Qualified:**Carbon Tetrachloride**

B065928-BS1, B065928-BSD1

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

Analyte & Samples(s) Qualified:**Carbon Disulfide, Tetrahydrofuran**

B066026-BSD1, B065928-BS1

Matrix spike recovery is outside of control limits. Analysis is in control based on laboratory fortified blank recovery. Possibility of sample matrix effects that lead to low bias for reported result or non-homogeneous sample aliquot cannot be eliminated.

Analyte & Samples(s) Qualified:**1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, Naphthalene**

13A0226-01[TRC-SB15 (1-3)], B065928-MS1

Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.

Analyte & Samples(s) Qualified:**1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, Naphthalene, trans-1,3-Dichloropropene**

13A0226-01[TRC-SB15 (1-3)], 13A0226-02[TRC-SB15 (10-13)], 13A0226-03[TRC-DUP 1], 13A0226-04[TRC-MW 12], 13A0226-05[TRC-DUP 1], 13A0226-06[Equipment Blank], 13A0226-07[TRC-SB14 (1-4)], 13A0226-08[TRC-SB14 (10-13)], 13A0226-09[TRC-MW 11], 13A0226-10[Trip Blank], B065928-BLK1, B065928-BS1, B065928-BSD1, B065928-MS1, B066026-BLK1, B066026-BS1, B066026-BSD1

Continuing calibration did not meet method specifications and was biased on the high side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the high side.

Analyte & Samples(s) Qualified:**1,4-Dioxane, 2,2-Dichloropropane, Bromochloromethane, Carbon Tetrachloride, Dichlorodifluoromethane (Freon 12)**

B065928-MS1

Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy may be associated with reported result.

Analyte & Samples(s) Qualified:**1,2-Dibromo-3-chloropropane (DBCP), 1,4-Dioxane, 2-Butanone (MEK), Acetone, tert-Butyl Alcohol (TBA), Tetrahydrofuran**

13A0226-01[TRC-SB15 (1-3)], 13A0226-02[TRC-SB15 (10-13)], 13A0226-03[TRC-DUP 1], 13A0226-07[TRC-SB14 (1-4)], 13A0226-08[TRC-SB14 (10-13)], B065928-BLK1, B065928-BS1, B065928-BSD1, B065928-MS1, 13A0226-04[TRC-MW 12], 13A0226-05[TRC-DUP 1], 13A0226-06[Equipment Blank], 13A0226-09[TRC-MW 11], 13A0226-10[Trip Blank], B066026-BLK1, B066026-BS1, B066026-BSD1

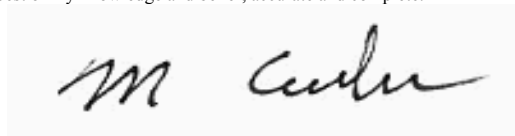
Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:**1,4-Dioxane, 2,2-Dichloropropane, Bromochloromethane, Carbon Tetrachloride, Dichlorodifluoromethane (Freon 12)**

B065928-BS1, B065928-BSD1

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

A handwritten signature in black ink, appearing to read "M. Erickson", is displayed on a light gray rectangular background.

Michael A. Erickson
Laboratory Director

Project Location: 168 8th St., / 203 9th St., Brookly

Sample Description:

Work Order: 13A0226

Date Received: 1/9/2013

Field Sample #: TRC-SB15 (1-3)

Sampled: 1/9/2013 10:45

Sample ID: 13A0226-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.11	mg/Kg dry	1	V-16	SW-846 8260C	1/10/13	1/10/13 10:18	MFF
Acrylonitrile	ND	0.0069	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:18	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:18	MFF
Benzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:18	MFF
Bromobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:18	MFF
Bromochloromethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:18	MFF
Bromodichloromethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:18	MFF
Bromoform	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:18	MFF
Bromomethane	ND	0.011	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:18	MFF
2-Butanone (MEK)	ND	0.046	mg/Kg dry	1	V-16	SW-846 8260C	1/10/13	1/10/13 10:18	MFF
tert-Butyl Alcohol (TBA)	ND	0.046	mg/Kg dry	1	V-16	SW-846 8260C	1/10/13	1/10/13 10:18	MFF
n-Butylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:18	MFF
sec-Butylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:18	MFF
tert-Butylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:18	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:18	MFF
Carbon Disulfide	ND	0.0069	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:18	MFF
Carbon Tetrachloride	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:18	MFF
Chlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:18	MFF
Chlorodibromomethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:18	MFF
Chloroethane	ND	0.023	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:18	MFF
Chloroform	ND	0.0046	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:18	MFF
Chloromethane	ND	0.011	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:18	MFF
2-Chlorotoluene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:18	MFF
4-Chlorotoluene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:18	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0023	mg/Kg dry	1	V-16	SW-846 8260C	1/10/13	1/10/13 10:18	MFF
1,2-Dibromoethane (EDB)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:18	MFF
Dibromomethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:18	MFF
1,2-Dichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:18	MFF
1,3-Dichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:18	MFF
1,4-Dichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:18	MFF
trans-1,4-Dichloro-2-butene	ND	0.0046	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:18	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.023	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:18	MFF
1,1-Dichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:18	MFF
1,2-Dichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:18	MFF
1,1-Dichloroethylene	ND	0.0046	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:18	MFF
cis-1,2-Dichloroethylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:18	MFF
trans-1,2-Dichloroethylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:18	MFF
1,2-Dichloropropane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:18	MFF
1,3-Dichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:18	MFF
2,2-Dichloropropane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:18	MFF
1,1-Dichloropropene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:18	MFF
cis-1,3-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:18	MFF
trans-1,3-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:18	MFF
Diethyl Ether	ND	0.023	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:18	MFF

Project Location: 168 8th St., / 203 9th St., Brookly

Sample Description:

Work Order: 13A0226

Date Received: 1/9/2013

Field Sample #: TRC-SB15 (1-3)

Sampled: 1/9/2013 10:45

Sample ID: 13A0226-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:18	MFF
1,4-Dioxane	ND	0.11	mg/Kg dry	1	V-16	SW-846 8260C	1/10/13	1/10/13 10:18	MFF
Ethylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:18	MFF
Hexachlorobutadiene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:18	MFF
2-Hexanone (MBK)	ND	0.023	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:18	MFF
Isopropylbenzene (Cumene)	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:18	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:18	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0046	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:18	MFF
Methylene Chloride	ND	0.023	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:18	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.023	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:18	MFF
Naphthalene	ND	0.0046	mg/Kg dry	1	MS-07, V-05	SW-846 8260C	1/10/13	1/10/13 10:18	MFF
n-Propylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:18	MFF
Styrene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:18	MFF
1,1,1,2-Tetrachloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:18	MFF
1,1,2,2-Tetrachloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:18	MFF
Tetrachloroethylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:18	MFF
Tetrahydrofuran	ND	0.011	mg/Kg dry	1	V-16	SW-846 8260C	1/10/13	1/10/13 10:18	MFF
Toluene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:18	MFF
1,2,3-Trichlorobenzene	ND	0.0023	mg/Kg dry	1	MS-07, V-05	SW-846 8260C	1/10/13	1/10/13 10:18	MFF
1,2,4-Trichlorobenzene	ND	0.0023	mg/Kg dry	1	MS-07	SW-846 8260C	1/10/13	1/10/13 10:18	MFF
1,3,5-Trichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:18	MFF
1,1,1-Trichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:18	MFF
1,1,2-Trichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:18	MFF
Trichloroethylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:18	MFF
Trichlorofluoromethane (Freon 11)	ND	0.011	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:18	MFF
1,2,3-Trichloropropane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:18	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.011	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:18	MFF
1,2,4-Trimethylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:18	MFF
1,3,5-Trimethylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:18	MFF
Vinyl Chloride	ND	0.011	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:18	MFF
m+p Xylene	ND	0.0046	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:18	MFF
o-Xylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:18	MFF

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	91.2	70-130	1/10/13 10:18
Toluene-d8	99.9	70-130	1/10/13 10:18
4-Bromofluorobenzene	92.7	70-130	1/10/13 10:18

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 168 8th St., / 203 9th St., Brookly

Sample Description:

Work Order: 13A0226

Date Received: 1/9/2013

Field Sample #: TRC-SB15 (1-3)

Sampled: 1/9/2013 10:45

Sample ID: 13A0226-01

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.3		% Wt	1		SM 2540G	1/10/13	1/11/13 11:52	RH

Project Location: 168 8th St., / 203 9th St., Brookly

Sample Description:

Work Order: 13A0226

Date Received: 1/9/2013

Field Sample #: TRC-SB15 (10-13)

Sampled: 1/9/2013 10:50

Sample ID: 13A0226-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.098	mg/Kg dry	1	V-16	SW-846 8260C	1/10/13	1/10/13 10:45	MFF
Acrylonitrile	ND	0.0059	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:45	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00098	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:45	MFF
Benzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:45	MFF
Bromobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:45	MFF
Bromochloromethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:45	MFF
Bromodichloromethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:45	MFF
Bromoform	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:45	MFF
Bromomethane	ND	0.0098	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:45	MFF
2-Butanone (MEK)	ND	0.039	mg/Kg dry	1	V-16	SW-846 8260C	1/10/13	1/10/13 10:45	MFF
tert-Butyl Alcohol (TBA)	ND	0.039	mg/Kg dry	1	V-16	SW-846 8260C	1/10/13	1/10/13 10:45	MFF
n-Butylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:45	MFF
sec-Butylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:45	MFF
tert-Butylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:45	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:45	MFF
Carbon Disulfide	ND	0.0059	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:45	MFF
Carbon Tetrachloride	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:45	MFF
Chlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:45	MFF
Chlorodibromomethane	ND	0.00098	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:45	MFF
Chloroethane	ND	0.020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:45	MFF
Chloroform	ND	0.0039	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:45	MFF
Chloromethane	ND	0.0098	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:45	MFF
2-Chlorotoluene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:45	MFF
4-Chlorotoluene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:45	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg dry	1	V-16	SW-846 8260C	1/10/13	1/10/13 10:45	MFF
1,2-Dibromoethane (EDB)	ND	0.00098	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:45	MFF
Dibromomethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:45	MFF
1,2-Dichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:45	MFF
1,3-Dichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:45	MFF
1,4-Dichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:45	MFF
trans-1,4-Dichloro-2-butene	ND	0.0039	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:45	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:45	MFF
1,1-Dichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:45	MFF
1,2-Dichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:45	MFF
1,1-Dichloroethylene	ND	0.0039	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:45	MFF
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:45	MFF
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:45	MFF
1,2-Dichloropropane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:45	MFF
1,3-Dichloropropane	ND	0.00098	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:45	MFF
2,2-Dichloropropane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:45	MFF
1,1-Dichloropropene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:45	MFF
cis-1,3-Dichloropropene	ND	0.00098	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:45	MFF
trans-1,3-Dichloropropene	ND	0.00098	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:45	MFF
Diethyl Ether	ND	0.020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:45	MFF

Project Location: 168 8th St., / 203 9th St., Brookly

Sample Description:

Work Order: 13A0226

Date Received: 1/9/2013

Field Sample #: TRC-SB15 (10-13)

Sampled: 1/9/2013 10:50

Sample ID: 13A0226-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00098	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:45	MFF
1,4-Dioxane	ND	0.098	mg/Kg dry	1	V-16	SW-846 8260C	1/10/13	1/10/13 10:45	MFF
Ethylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:45	MFF
Hexachlorobutadiene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:45	MFF
2-Hexanone (MBK)	ND	0.020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:45	MFF
Isopropylbenzene (Cumene)	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:45	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:45	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0039	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:45	MFF
Methylene Chloride	ND	0.020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:45	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:45	MFF
Naphthalene	ND	0.0039	mg/Kg dry	1	V-05	SW-846 8260C	1/10/13	1/10/13 10:45	MFF
n-Propylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:45	MFF
Styrene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:45	MFF
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:45	MFF
1,1,2,2-Tetrachloroethane	ND	0.00098	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:45	MFF
Tetrachloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:45	MFF
Tetrahydrofuran	ND	0.0098	mg/Kg dry	1	V-16	SW-846 8260C	1/10/13	1/10/13 10:45	MFF
Toluene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:45	MFF
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg dry	1	V-05	SW-846 8260C	1/10/13	1/10/13 10:45	MFF
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:45	MFF
1,3,5-Trichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:45	MFF
1,1,1-Trichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:45	MFF
1,1,2-Trichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:45	MFF
Trichloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:45	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0098	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:45	MFF
1,2,3-Trichloropropane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:45	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0098	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:45	MFF
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:45	MFF
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:45	MFF
Vinyl Chloride	ND	0.0098	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:45	MFF
m+p Xylene	ND	0.0039	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:45	MFF
o-Xylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 10:45	MFF
Surrogates	% Recovery	Recovery Limits	Flag						
1,2-Dichloroethane-d4	92.4	70-130							
Toluene-d8	99.9	70-130							
4-Bromofluorobenzene	94.0	70-130							

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Project Location: 168 8th St., / 203 9th St., Brookly

Sample Description:

Work Order: 13A0226

Date Received: 1/9/2013

Field Sample #: TRC-SB15 (10-13)

Sampled: 1/9/2013 10:50

Sample ID: 13A0226-02

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	94.1		% Wt	1		SM 2540G	1/10/13	1/11/13 11:52	RH

Project Location: 168 8th St., / 203 9th St., Brookly

Sample Description:

Work Order: 13A0226

Date Received: 1/9/2013

Field Sample #: TRC-DUP 1

Sampled: 1/9/2013 15:00

Sample ID: 13A0226-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.11	mg/Kg dry	1	V-16	SW-846 8260C	1/10/13	1/10/13 11:12	MFF
Acrylonitrile	ND	0.0066	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:12	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:12	MFF
Benzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:12	MFF
Bromobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:12	MFF
Bromochloromethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:12	MFF
Bromodichloromethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:12	MFF
Bromoform	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:12	MFF
Bromomethane	ND	0.011	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:12	MFF
2-Butanone (MEK)	ND	0.044	mg/Kg dry	1	V-16	SW-846 8260C	1/10/13	1/10/13 11:12	MFF
tert-Butyl Alcohol (TBA)	ND	0.044	mg/Kg dry	1	V-16	SW-846 8260C	1/10/13	1/10/13 11:12	MFF
n-Butylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:12	MFF
sec-Butylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:12	MFF
tert-Butylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:12	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:12	MFF
Carbon Disulfide	ND	0.0066	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:12	MFF
Carbon Tetrachloride	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:12	MFF
Chlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:12	MFF
Chlorodibromomethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:12	MFF
Chloroethane	ND	0.022	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:12	MFF
Chloroform	ND	0.0044	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:12	MFF
Chloromethane	ND	0.011	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:12	MFF
2-Chlorotoluene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:12	MFF
4-Chlorotoluene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:12	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0022	mg/Kg dry	1	V-16	SW-846 8260C	1/10/13	1/10/13 11:12	MFF
1,2-Dibromoethane (EDB)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:12	MFF
Dibromomethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:12	MFF
1,2-Dichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:12	MFF
1,3-Dichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:12	MFF
1,4-Dichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:12	MFF
trans-1,4-Dichloro-2-butene	ND	0.0044	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:12	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.022	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:12	MFF
1,1-Dichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:12	MFF
1,2-Dichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:12	MFF
1,1-Dichloroethylene	ND	0.0044	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:12	MFF
cis-1,2-Dichloroethylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:12	MFF
trans-1,2-Dichloroethylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:12	MFF
1,2-Dichloropropane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:12	MFF
1,3-Dichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:12	MFF
2,2-Dichloropropane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:12	MFF
1,1-Dichloropropene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:12	MFF
cis-1,3-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:12	MFF
trans-1,3-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:12	MFF
Diethyl Ether	ND	0.022	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:12	MFF

Project Location: 168 8th St., / 203 9th St., Brookly

Sample Description:

Work Order: 13A0226

Date Received: 1/9/2013

Field Sample #: TRC-DUP 1

Sampled: 1/9/2013 15:00

Sample ID: 13A0226-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:12	MFF
1,4-Dioxane	ND	0.11	mg/Kg dry	1	V-16	SW-846 8260C	1/10/13	1/10/13 11:12	MFF
Ethylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:12	MFF
Hexachlorobutadiene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:12	MFF
2-Hexanone (MBK)	ND	0.022	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:12	MFF
Isopropylbenzene (Cumene)	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:12	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:12	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0044	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:12	MFF
Methylene Chloride	ND	0.022	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:12	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.022	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:12	MFF
Naphthalene	ND	0.0044	mg/Kg dry	1	V-05	SW-846 8260C	1/10/13	1/10/13 11:12	MFF
n-Propylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:12	MFF
Styrene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:12	MFF
1,1,1,2-Tetrachloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:12	MFF
1,1,2,2-Tetrachloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:12	MFF
Tetrachloroethylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:12	MFF
Tetrahydrofuran	ND	0.011	mg/Kg dry	1	V-16	SW-846 8260C	1/10/13	1/10/13 11:12	MFF
Toluene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:12	MFF
1,2,3-Trichlorobenzene	ND	0.0022	mg/Kg dry	1	V-05	SW-846 8260C	1/10/13	1/10/13 11:12	MFF
1,2,4-Trichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:12	MFF
1,3,5-Trichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:12	MFF
1,1,1-Trichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:12	MFF
1,1,2-Trichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:12	MFF
Trichloroethylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:12	MFF
Trichlorofluoromethane (Freon 11)	ND	0.011	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:12	MFF
1,2,3-Trichloropropane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:12	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.011	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:12	MFF
1,2,4-Trimethylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:12	MFF
1,3,5-Trimethylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:12	MFF
Vinyl Chloride	ND	0.011	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:12	MFF
m+p Xylene	ND	0.0044	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:12	MFF
o-Xylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:12	MFF
Surrogates	% Recovery	Recovery Limits	Flag						
1,2-Dichloroethane-d4	92.2	70-130							
Toluene-d8	101	70-130							
4-Bromofluorobenzene	93.2	70-130							

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Project Location: 168 8th St., / 203 9th St., Brookly

Sample Description:

Work Order: 13A0226

Date Received: 1/9/2013

Field Sample #: TRC-DUP 1

Sampled: 1/9/2013 15:00

Sample ID: 13A0226-03

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.5		% Wt	1		SM 2540G	1/10/13	1/11/13 11:52	RH

Project Location: 168 8th St., / 203 9th St., Brookly

Sample Description:

Work Order: 13A0226

Date Received: 1/9/2013

Field Sample #: TRC-MW 12

Sampled: 1/9/2013 11:15

Sample ID: 13A0226-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	1/11/13	1/11/13 14:54	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 14:54	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	1/11/13	1/11/13 14:54	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 14:54	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 14:54	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 14:54	LBD
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 14:54	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 14:54	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 14:54	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	1/11/13	1/11/13 14:54	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	1/11/13	1/11/13 14:54	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 14:54	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 14:54	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 14:54	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	1/11/13	1/11/13 14:54	LBD
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 14:54	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 14:54	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 14:54	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	1/11/13	1/11/13 14:54	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 14:54	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 14:54	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 14:54	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 14:54	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 14:54	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 14:54	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	1/11/13	1/11/13 14:54	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 14:54	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 14:54	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 14:54	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 14:54	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 14:54	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 14:54	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 14:54	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 14:54	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 14:54	LBD
cis-1,2-Dichloroethylene	11	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 14:54	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 14:54	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 14:54	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	1/11/13	1/11/13 14:54	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 14:54	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 14:54	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	1/11/13	1/11/13 14:54	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1	V-05	SW-846 8260C	1/11/13	1/11/13 14:54	LBD
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 14:54	LBD

Project Location: 168 8th St., / 203 9th St., Brookly

Sample Description:

Work Order: 13A0226

Date Received: 1/9/2013

Field Sample #: TRC-MW 12

Sampled: 1/9/2013 11:15

Sample ID: 13A0226-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	1/11/13	1/11/13 14:54	LBD
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	1/11/13	1/11/13 14:54	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 14:54	LBD
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	1/11/13	1/11/13 14:54	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	1/11/13	1/11/13 14:54	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 14:54	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 14:54	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 14:54	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 14:54	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	1/11/13	1/11/13 14:54	LBD
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260C	1/11/13	1/11/13 14:54	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 14:54	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 14:54	LBD
1,1,1,2-Tetrachloroethane	ND	2.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 14:54	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	1/11/13	1/11/13 14:54	LBD
Tetrachloroethylene	3.9	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 14:54	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	1/11/13	1/11/13 14:54	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 14:54	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260C	1/11/13	1/11/13 14:54	LBD
1,2,4-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260C	1/11/13	1/11/13 14:54	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 14:54	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 14:54	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 14:54	LBD
Trichloroethylene	96	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 14:54	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 14:54	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 14:54	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 14:54	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 14:54	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 14:54	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 14:54	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 14:54	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 14:54	LBD
Surrogates	% Recovery	Recovery Limits	Flag						
1,2-Dichloroethane-d4	98.1	70-130							
Toluene-d8	97.2	70-130							
4-Bromofluorobenzene	97.2	70-130							

Project Location: 168 8th St., / 203 9th St., Brookly

Sample Description:

Work Order: 13A0226

Date Received: 1/9/2013

Field Sample #: TRC-DUP 1

Sampled: 1/9/2013 15:10

Sample ID: 13A0226-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:24	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:24	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:24	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:24	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:24	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:24	LBD
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:24	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:24	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:24	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:24	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	1/11/13	1/11/13 15:24	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:24	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:24	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:24	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:24	LBD
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:24	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:24	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:24	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:24	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:24	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:24	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:24	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:24	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:24	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:24	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:24	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:24	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:24	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:24	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:24	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:24	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:24	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:24	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:24	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:24	LBD
cis-1,2-Dichloroethylene	11	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:24	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:24	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:24	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:24	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:24	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:24	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:24	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1	V-05	SW-846 8260C	1/11/13	1/11/13 15:24	LBD
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:24	LBD

Project Location: 168 8th St., / 203 9th St., Brookly

Sample Description:

Work Order: 13A0226

Date Received: 1/9/2013

Field Sample #: TRC-DUP 1

Sampled: 1/9/2013 15:10

Sample ID: 13A0226-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:24	LBD
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	1/11/13	1/11/13 15:24	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:24	LBD
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:24	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:24	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:24	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:24	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:24	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:24	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:24	LBD
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260C	1/11/13	1/11/13 15:24	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:24	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:24	LBD
1,1,1,2-Tetrachloroethane	ND	2.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:24	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:24	LBD
Tetrachloroethylene	3.9	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:24	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:24	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:24	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260C	1/11/13	1/11/13 15:24	LBD
1,2,4-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260C	1/11/13	1/11/13 15:24	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:24	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:24	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:24	LBD
Trichloroethylene	99	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:24	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:24	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:24	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:24	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:24	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:24	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:24	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:24	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:24	LBD
Surrogates	% Recovery	Recovery Limits	Flag						
1,2-Dichloroethane-d4	98.7	70-130							
Toluene-d8	97.3	70-130							
4-Bromofluorobenzene	97.7	70-130							

Project Location: 168 8th St., / 203 9th St., Brookly

Sample Description:

Work Order: 13A0226

Date Received: 1/9/2013

Field Sample #: Equipment Blank

Sampled: 1/9/2013 11:25

Sample ID: 13A0226-06

Sample Matrix: Equipment Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	1/11/13	1/11/13 11:49	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 11:49	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	1/11/13	1/11/13 11:49	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 11:49	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 11:49	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 11:49	LBD
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 11:49	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 11:49	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 11:49	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	1/11/13	1/11/13 11:49	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	1/11/13	1/11/13 11:49	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 11:49	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 11:49	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 11:49	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	1/11/13	1/11/13 11:49	LBD
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 11:49	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 11:49	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 11:49	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	1/11/13	1/11/13 11:49	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 11:49	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 11:49	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 11:49	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 11:49	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 11:49	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 11:49	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	1/11/13	1/11/13 11:49	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 11:49	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 11:49	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 11:49	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 11:49	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 11:49	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 11:49	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 11:49	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 11:49	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 11:49	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 11:49	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 11:49	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 11:49	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	1/11/13	1/11/13 11:49	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 11:49	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 11:49	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	1/11/13	1/11/13 11:49	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1	V-05	SW-846 8260C	1/11/13	1/11/13 11:49	LBD
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 11:49	LBD

Project Location: 168 8th St., / 203 9th St., Brookly

Sample Description:

Work Order: 13A0226

Date Received: 1/9/2013

Field Sample #: Equipment Blank

Sampled: 1/9/2013 11:25

Sample ID: 13A0226-06

Sample Matrix: Equipment Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	1/11/13	1/11/13 11:49	LBD
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	1/11/13	1/11/13 11:49	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 11:49	LBD
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	1/11/13	1/11/13 11:49	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	1/11/13	1/11/13 11:49	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 11:49	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 11:49	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 11:49	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 11:49	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	1/11/13	1/11/13 11:49	LBD
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260C	1/11/13	1/11/13 11:49	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 11:49	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 11:49	LBD
1,1,1,2-Tetrachloroethane	ND	2.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 11:49	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	1/11/13	1/11/13 11:49	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 11:49	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	1/11/13	1/11/13 11:49	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 11:49	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260C	1/11/13	1/11/13 11:49	LBD
1,2,4-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260C	1/11/13	1/11/13 11:49	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 11:49	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 11:49	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 11:49	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 11:49	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 11:49	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 11:49	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 11:49	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 11:49	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 11:49	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 11:49	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 11:49	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 11:49	LBD

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	98.2	70-130	1/11/13 11:49
Toluene-d8	97.8	70-130	1/11/13 11:49
4-Bromofluorobenzene	98.4	70-130	1/11/13 11:49

Project Location: 168 8th St., / 203 9th St., Brookly

Sample Description:

Work Order: 13A0226

Date Received: 1/9/2013

Field Sample #: TRC-SB14 (1-4)

Sampled: 1/9/2013 12:00

Sample ID: 13A0226-07

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.10	mg/Kg dry	1	V-16	SW-846 8260C	1/10/13	1/10/13 11:39	MFF
Acrylonitrile	ND	0.0062	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:39	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0010	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:39	MFF
Benzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:39	MFF
Bromobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:39	MFF
Bromochloromethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:39	MFF
Bromodichloromethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:39	MFF
Bromoform	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:39	MFF
Bromomethane	ND	0.010	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:39	MFF
2-Butanone (MEK)	ND	0.042	mg/Kg dry	1	V-16	SW-846 8260C	1/10/13	1/10/13 11:39	MFF
tert-Butyl Alcohol (TBA)	ND	0.042	mg/Kg dry	1	V-16	SW-846 8260C	1/10/13	1/10/13 11:39	MFF
n-Butylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:39	MFF
sec-Butylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:39	MFF
tert-Butylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:39	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:39	MFF
Carbon Disulfide	ND	0.0062	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:39	MFF
Carbon Tetrachloride	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:39	MFF
Chlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:39	MFF
Chlorodibromomethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:39	MFF
Chloroethane	ND	0.021	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:39	MFF
Chloroform	ND	0.0042	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:39	MFF
Chloromethane	ND	0.010	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:39	MFF
2-Chlorotoluene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:39	MFF
4-Chlorotoluene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:39	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0021	mg/Kg dry	1	V-16	SW-846 8260C	1/10/13	1/10/13 11:39	MFF
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:39	MFF
Dibromomethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:39	MFF
1,2-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:39	MFF
1,3-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:39	MFF
1,4-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:39	MFF
trans-1,4-Dichloro-2-butene	ND	0.0042	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:39	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.021	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:39	MFF
1,1-Dichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:39	MFF
1,2-Dichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:39	MFF
1,1-Dichloroethylene	ND	0.0042	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:39	MFF
cis-1,2-Dichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:39	MFF
trans-1,2-Dichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:39	MFF
1,2-Dichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:39	MFF
1,3-Dichloropropane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:39	MFF
2,2-Dichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:39	MFF
1,1-Dichloropropene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:39	MFF
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:39	MFF
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:39	MFF
Diethyl Ether	ND	0.021	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:39	MFF

Project Location: 168 8th St., / 203 9th St., Brookly

Sample Description:

Work Order: 13A0226

Date Received: 1/9/2013

Field Sample #: TRC-SB14 (1-4)

Sampled: 1/9/2013 12:00

Sample ID: 13A0226-07

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0010	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:39	MFF
1,4-Dioxane	ND	0.10	mg/Kg dry	1	V-16	SW-846 8260C	1/10/13	1/10/13 11:39	MFF
Ethylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:39	MFF
Hexachlorobutadiene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:39	MFF
2-Hexanone (MBK)	ND	0.021	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:39	MFF
Isopropylbenzene (Cumene)	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:39	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:39	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0042	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:39	MFF
Methylene Chloride	ND	0.021	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:39	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.021	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:39	MFF
Naphthalene	ND	0.0042	mg/Kg dry	1	V-05	SW-846 8260C	1/10/13	1/10/13 11:39	MFF
n-Propylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:39	MFF
Styrene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:39	MFF
1,1,1,2-Tetrachloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:39	MFF
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:39	MFF
Tetrachloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:39	MFF
Tetrahydrofuran	ND	0.010	mg/Kg dry	1	V-16	SW-846 8260C	1/10/13	1/10/13 11:39	MFF
Toluene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:39	MFF
1,2,3-Trichlorobenzene	ND	0.0021	mg/Kg dry	1	V-05	SW-846 8260C	1/10/13	1/10/13 11:39	MFF
1,2,4-Trichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:39	MFF
1,3,5-Trichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:39	MFF
1,1,1-Trichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:39	MFF
1,1,2-Trichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:39	MFF
Trichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:39	MFF
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:39	MFF
1,2,3-Trichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:39	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:39	MFF
1,2,4-Trimethylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:39	MFF
1,3,5-Trimethylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:39	MFF
Vinyl Chloride	ND	0.010	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:39	MFF
m+p Xylene	ND	0.0042	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:39	MFF
o-Xylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 11:39	MFF
Surrogates	% Recovery	Recovery Limits	Flag						
1,2-Dichloroethane-d4	91.9	70-130							
Toluene-d8	100	70-130							
4-Bromofluorobenzene	92.6	70-130							

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 168 8th St., / 203 9th St., Brookly

Sample Description:

Work Order: 13A0226

Date Received: 1/9/2013

Field Sample #: TRC-SB14 (1-4)

Sampled: 1/9/2013 12:00

Sample ID: 13A0226-07

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.0		% Wt	1		SM 2540G	1/10/13	1/11/13 11:52	RH

Project Location: 168 8th St., / 203 9th St., Brookly

Sample Description:

Work Order: 13A0226

Date Received: 1/9/2013

Field Sample #: TRC-SB14 (10-13)

Sampled: 1/9/2013 12:40

Sample ID: 13A0226-08

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.098	mg/Kg dry	1	V-16	SW-846 8260C	1/10/13	1/10/13 12:05	MFF
Acrylonitrile	ND	0.0059	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 12:05	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00098	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 12:05	MFF
Benzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 12:05	MFF
Bromobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 12:05	MFF
Bromochloromethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 12:05	MFF
Bromodichloromethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 12:05	MFF
Bromoform	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 12:05	MFF
Bromomethane	ND	0.0098	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 12:05	MFF
2-Butanone (MEK)	ND	0.039	mg/Kg dry	1	V-16	SW-846 8260C	1/10/13	1/10/13 12:05	MFF
tert-Butyl Alcohol (TBA)	ND	0.039	mg/Kg dry	1	V-16	SW-846 8260C	1/10/13	1/10/13 12:05	MFF
n-Butylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 12:05	MFF
sec-Butylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 12:05	MFF
tert-Butylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 12:05	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 12:05	MFF
Carbon Disulfide	ND	0.0059	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 12:05	MFF
Carbon Tetrachloride	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 12:05	MFF
Chlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 12:05	MFF
Chlorodibromomethane	ND	0.00098	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 12:05	MFF
Chloroethane	ND	0.020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 12:05	MFF
Chloroform	ND	0.0039	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 12:05	MFF
Chloromethane	ND	0.0098	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 12:05	MFF
2-Chlorotoluene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 12:05	MFF
4-Chlorotoluene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 12:05	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg dry	1	V-16	SW-846 8260C	1/10/13	1/10/13 12:05	MFF
1,2-Dibromoethane (EDB)	ND	0.00098	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 12:05	MFF
Dibromomethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 12:05	MFF
1,2-Dichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 12:05	MFF
1,3-Dichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 12:05	MFF
1,4-Dichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 12:05	MFF
trans-1,4-Dichloro-2-butene	ND	0.0039	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 12:05	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 12:05	MFF
1,1-Dichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 12:05	MFF
1,2-Dichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 12:05	MFF
1,1-Dichloroethylene	ND	0.0039	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 12:05	MFF
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 12:05	MFF
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 12:05	MFF
1,2-Dichloropropane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 12:05	MFF
1,3-Dichloropropane	ND	0.00098	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 12:05	MFF
2,2-Dichloropropane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 12:05	MFF
1,1-Dichloropropene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 12:05	MFF
cis-1,3-Dichloropropene	ND	0.00098	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 12:05	MFF
trans-1,3-Dichloropropene	ND	0.00098	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 12:05	MFF
Diethyl Ether	ND	0.020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 12:05	MFF

Project Location: 168 8th St., / 203 9th St., Brookly

Sample Description:

Work Order: 13A0226

Date Received: 1/9/2013

Field Sample #: TRC-SB14 (10-13)

Sampled: 1/9/2013 12:40

Sample ID: 13A0226-08

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00098	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 12:05	MFF
1,4-Dioxane	ND	0.098	mg/Kg dry	1	V-16	SW-846 8260C	1/10/13	1/10/13 12:05	MFF
Ethylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 12:05	MFF
Hexachlorobutadiene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 12:05	MFF
2-Hexanone (MBK)	ND	0.020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 12:05	MFF
Isopropylbenzene (Cumene)	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 12:05	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 12:05	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0039	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 12:05	MFF
Methylene Chloride	ND	0.020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 12:05	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 12:05	MFF
Naphthalene	ND	0.0039	mg/Kg dry	1	V-05	SW-846 8260C	1/10/13	1/10/13 12:05	MFF
n-Propylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 12:05	MFF
Styrene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 12:05	MFF
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 12:05	MFF
1,1,2,2-Tetrachloroethane	ND	0.00098	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 12:05	MFF
Tetrachloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 12:05	MFF
Tetrahydrofuran	ND	0.0098	mg/Kg dry	1	V-16	SW-846 8260C	1/10/13	1/10/13 12:05	MFF
Toluene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 12:05	MFF
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg dry	1	V-05	SW-846 8260C	1/10/13	1/10/13 12:05	MFF
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 12:05	MFF
1,3,5-Trichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 12:05	MFF
1,1,1-Trichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 12:05	MFF
1,1,2-Trichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 12:05	MFF
Trichloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 12:05	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0098	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 12:05	MFF
1,2,3-Trichloropropane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 12:05	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0098	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 12:05	MFF
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 12:05	MFF
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 12:05	MFF
Vinyl Chloride	ND	0.0098	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 12:05	MFF
m+p Xylene	ND	0.0039	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 12:05	MFF
o-Xylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	1/10/13	1/10/13 12:05	MFF

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	93.0	70-130	1/10/13 12:05
Toluene-d8	100	70-130	1/10/13 12:05
4-Bromofluorobenzene	92.3	70-130	1/10/13 12:05

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 168 8th St., / 203 9th St., Brookly

Sample Description:

Work Order: 13A0226

Date Received: 1/9/2013

Field Sample #: TRC-SB14 (10-13)

Sampled: 1/9/2013 12:40

Sample ID: 13A0226-08

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	92.3		% Wt	1		SM 2540G	1/10/13	1/11/13 11:52	RH

Project Location: 168 8th St., / 203 9th St., Brookly

Sample Description:

Work Order: 13A0226

Date Received: 1/9/2013

Field Sample #: TRC-MW 11

Sampled: 1/9/2013 13:00

Sample ID: 13A0226-09

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:55	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:55	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:55	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:55	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:55	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:55	LBD
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:55	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:55	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:55	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:55	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	1/11/13	1/11/13 15:55	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:55	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:55	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:55	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:55	LBD
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:55	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:55	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:55	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:55	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:55	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:55	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:55	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:55	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:55	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:55	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:55	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:55	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:55	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:55	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:55	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:55	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:55	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:55	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:55	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:55	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:55	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:55	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:55	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:55	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:55	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:55	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:55	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1	V-05	SW-846 8260C	1/11/13	1/11/13 15:55	LBD
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:55	LBD

Project Location: 168 8th St., / 203 9th St., Brookly

Sample Description:

Work Order: 13A0226

Date Received: 1/9/2013

Field Sample #: TRC-MW 11

Sampled: 1/9/2013 13:00

Sample ID: 13A0226-09

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:55	LBD
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	1/11/13	1/11/13 15:55	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:55	LBD
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:55	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:55	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:55	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:55	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:55	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:55	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:55	LBD
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260C	1/11/13	1/11/13 15:55	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:55	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:55	LBD
1,1,1,2-Tetrachloroethane	ND	2.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:55	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:55	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:55	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:55	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:55	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260C	1/11/13	1/11/13 15:55	LBD
1,2,4-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260C	1/11/13	1/11/13 15:55	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:55	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:55	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:55	LBD
Trichloroethylene	1.4	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:55	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:55	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:55	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:55	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:55	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:55	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:55	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:55	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 15:55	LBD

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	101	70-130	
Toluene-d8	96.8	70-130	
4-Bromofluorobenzene	96.7	70-130	

Project Location: 168 8th St., / 203 9th St., Brookly

Sample Description:

Work Order: 13A0226

Date Received: 1/9/2013

Field Sample #: Trip Blank

Sampled: 1/8/2013 00:00

Sample ID: 13A0226-10

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	1/11/13	1/11/13 12:20	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 12:20	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	1/11/13	1/11/13 12:20	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 12:20	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 12:20	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 12:20	LBD
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 12:20	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 12:20	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 12:20	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	1/11/13	1/11/13 12:20	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	1/11/13	1/11/13 12:20	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 12:20	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 12:20	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 12:20	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	1/11/13	1/11/13 12:20	LBD
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 12:20	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 12:20	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 12:20	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	1/11/13	1/11/13 12:20	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 12:20	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 12:20	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 12:20	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 12:20	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 12:20	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 12:20	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	1/11/13	1/11/13 12:20	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 12:20	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 12:20	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 12:20	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 12:20	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 12:20	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 12:20	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 12:20	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 12:20	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 12:20	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 12:20	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 12:20	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 12:20	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	1/11/13	1/11/13 12:20	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 12:20	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 12:20	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	1/11/13	1/11/13 12:20	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1	V-05	SW-846 8260C	1/11/13	1/11/13 12:20	LBD
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 12:20	LBD

Project Location: 168 8th St., / 203 9th St., Brookly

Sample Description:

Work Order: 13A0226

Date Received: 1/9/2013

Field Sample #: Trip Blank

Sampled: 1/8/2013 00:00

Sample ID: 13A0226-10

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	1/11/13	1/11/13 12:20	LBD
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	1/11/13	1/11/13 12:20	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 12:20	LBD
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	1/11/13	1/11/13 12:20	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	1/11/13	1/11/13 12:20	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 12:20	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 12:20	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 12:20	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 12:20	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	1/11/13	1/11/13 12:20	LBD
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260C	1/11/13	1/11/13 12:20	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 12:20	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 12:20	LBD
1,1,1,2-Tetrachloroethane	ND	2.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 12:20	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	1/11/13	1/11/13 12:20	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 12:20	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	1/11/13	1/11/13 12:20	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 12:20	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260C	1/11/13	1/11/13 12:20	LBD
1,2,4-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260C	1/11/13	1/11/13 12:20	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 12:20	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 12:20	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 12:20	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 12:20	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 12:20	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 12:20	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 12:20	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 12:20	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 12:20	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 12:20	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 12:20	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	1/11/13	1/11/13 12:20	LBD

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	99.2	70-130	1/11/13 12:20
Toluene-d8	97.8	70-130	1/11/13 12:20
4-Bromofluorobenzene	98.1	70-130	1/11/13 12:20

Sample Extraction Data**Prep Method: % Solids-SM 2540G**

Lab Number [Field ID]	Batch	Date
13A0226-01 [TRC-SB15 (1-3)]	B065915	01/10/13
13A0226-02 [TRC-SB15 (10-13)]	B065915	01/10/13
13A0226-03 [TRC-DUP 1]	B065915	01/10/13
13A0226-07 [TRC-SB14 (1-4)]	B065915	01/10/13
13A0226-08 [TRC-SB14 (10-13)]	B065915	01/10/13

Prep Method: SW-846 5035-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
13A0226-01 [TRC-SB15 (1-3)]	B065928	4.90	10.0	01/10/13
13A0226-02 [TRC-SB15 (10-13)]	B065928	5.40	10.0	01/10/13
13A0226-03 [TRC-DUP 1]	B065928	5.10	10.0	01/10/13
13A0226-07 [TRC-SB14 (1-4)]	B065928	5.60	10.0	01/10/13
13A0226-08 [TRC-SB14 (10-13)]	B065928	5.50	10.0	01/10/13

Prep Method: SW-846 5030B-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
13A0226-04 [TRC-MW 12]	B066026	5	5.00	01/11/13
13A0226-05 [TRC-DUP 1]	B066026	5	5.00	01/11/13
13A0226-06 [Equipment Blank]	B066026	5	5.00	01/11/13
13A0226-09 [TRC-MW 11]	B066026	5	5.00	01/11/13
13A0226-10 [Trip Blank]	B066026	5	5.00	01/11/13

QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B065928 - SW-846 5035										
Blank (B065928-BLK1)				Prepared & Analyzed: 01/10/13						
Acetone	ND	0.10	mg/Kg wet							V-16
Acrylonitrile	ND	0.0060	mg/Kg wet							
tert-Amyl Methyl Ether (TAME)	ND	0.0010	mg/Kg wet							
Benzene	ND	0.0020	mg/Kg wet							
Bromobenzene	ND	0.0020	mg/Kg wet							
Bromochloromethane	ND	0.0020	mg/Kg wet							
Bromodichloromethane	ND	0.0020	mg/Kg wet							
Bromoform	ND	0.0020	mg/Kg wet							
Bromomethane	ND	0.010	mg/Kg wet							
2-Butanone (MEK)	ND	0.040	mg/Kg wet							V-16
tert-Butyl Alcohol (TBA)	ND	0.040	mg/Kg wet							V-16
n-Butylbenzene	ND	0.0020	mg/Kg wet							
sec-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butyl Ethyl Ether (TBEE)	ND	0.0020	mg/Kg wet							
Carbon Disulfide	ND	0.0060	mg/Kg wet							
Carbon Tetrachloride	ND	0.0020	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0010	mg/Kg wet							
Chloroethane	ND	0.020	mg/Kg wet							
Chloroform	ND	0.0040	mg/Kg wet							
Chloromethane	ND	0.010	mg/Kg wet							
2-Chlorotoluene	ND	0.0020	mg/Kg wet							
4-Chlorotoluene	ND	0.0020	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet							V-16
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg wet							
Dibromomethane	ND	0.0020	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet							
trans-1,4-Dichloro-2-butene	ND	0.0040	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg wet							
1,1-Dichloroethane	ND	0.0020	mg/Kg wet							
1,2-Dichloroethane	ND	0.0020	mg/Kg wet							
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
1,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,3-Dichloropropane	ND	0.0010	mg/Kg wet							
2,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,1-Dichloropropene	ND	0.0020	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
Diethyl Ether	ND	0.020	mg/Kg wet							
Diisopropyl Ether (DIPE)	ND	0.0010	mg/Kg wet							
1,4-Dioxane	ND	0.10	mg/Kg wet							V-16
Ethylbenzene	ND	0.0020	mg/Kg wet							
Hexachlorobutadiene	ND	0.0020	mg/Kg wet							
2-Hexanone (MBK)	ND	0.020	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.0020	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg wet							

QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B065928 - SW-846 5035										
Blank (B065928-BLK1)				Prepared & Analyzed: 01/10/13						
Methylene Chloride	ND	0.020	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg wet							
Naphthalene	ND	0.0040	mg/Kg wet							V-05
n-Propylbenzene	ND	0.0020	mg/Kg wet							
Styrene	ND	0.0020	mg/Kg wet							
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet							
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet							
Tetrachloroethylene	ND	0.0020	mg/Kg wet							
Tetrahydrofuran	ND	0.010	mg/Kg wet							V-16
Toluene	ND	0.0020	mg/Kg wet							
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet							V-05
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,3,5-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet							
Trichloroethylene	ND	0.0020	mg/Kg wet							
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet							
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg wet							
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg wet							
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg wet							
Vinyl Chloride	ND	0.010	mg/Kg wet							
m+p Xylene	ND	0.0040	mg/Kg wet							
o-Xylene	ND	0.0020	mg/Kg wet							
Surrogate: 1,2-Dichloroethane-d4	0.0438		mg/Kg wet	0.0500		87.6	70-130			
Surrogate: Toluene-d8	0.0495		mg/Kg wet	0.0500		99.0	70-130			
Surrogate: 4-Bromofluorobenzene	0.0469		mg/Kg wet	0.0500		93.7	70-130			
LCS (B065928-BS1)				Prepared & Analyzed: 01/10/13						
Acetone	0.162	0.10	mg/Kg wet	0.200		81.1	70-160			V-16 †
Acrylonitrile	0.0207	0.0060	mg/Kg wet	0.0200		104	70-130			
tert-Amyl Methyl Ether (TAME)	0.0194	0.0010	mg/Kg wet	0.0200		97.1	70-130			
Benzene	0.0211	0.0020	mg/Kg wet	0.0200		105	70-130			
Bromobenzene	0.0199	0.0020	mg/Kg wet	0.0200		99.6	70-130			
Bromochloromethane	0.0254	0.0020	mg/Kg wet	0.0200		127	70-130			V-20
Bromodichloromethane	0.0195	0.0020	mg/Kg wet	0.0200		97.7	70-130			
Bromoform	0.0202	0.0020	mg/Kg wet	0.0200		101	70-130			
Bromomethane	0.0153	0.010	mg/Kg wet	0.0200		76.3	40-130			†
2-Butanone (MEK)	0.187	0.040	mg/Kg wet	0.200		93.3	70-160			V-16 †
tert-Butyl Alcohol (TBA)	0.222	0.040	mg/Kg wet	0.200		111	40-130			V-16 †
n-Butylbenzene	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130			
sec-Butylbenzene	0.0218	0.0020	mg/Kg wet	0.0200		109	70-130			
tert-Butylbenzene	0.0212	0.0020	mg/Kg wet	0.0200		106	70-160			†
tert-Butyl Ethyl Ether (TBEE)	0.0200	0.0020	mg/Kg wet	0.0200		100	70-130			
Carbon Disulfide	0.0190	0.0060	mg/Kg wet	0.0200		95.2	70-130			
Carbon Tetrachloride	0.0300	0.0020	mg/Kg wet	0.0200		150	* 70-130			L-02, V-20
Chlorobenzene	0.0201	0.0020	mg/Kg wet	0.0200		100	70-130			
Chlorodibromomethane	0.0196	0.0010	mg/Kg wet	0.0200		98.1	70-130			
Chloroethane	0.0194	0.020	mg/Kg wet	0.0200		97.0	70-130			
Chloroform	0.0207	0.0040	mg/Kg wet	0.0200		104	70-130			
Chloromethane	0.0201	0.010	mg/Kg wet	0.0200		100	70-130			
2-Chlorotoluene	0.0193	0.0020	mg/Kg wet	0.0200		96.6	70-130			

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B065928 - SW-846 5035										
LCS (B065928-BS1)				Prepared & Analyzed: 01/10/13						
4-Chlorotoluene	0.0192	0.0020	mg/Kg wet	0.0200		96.0	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	0.0192	0.0020	mg/Kg wet	0.0200		96.1	70-130			V-16
1,2-Dibromoethane (EDB)	0.0221	0.0010	mg/Kg wet	0.0200		111	70-130			
Dibromomethane	0.0203	0.0020	mg/Kg wet	0.0200		102	70-130			
1,2-Dichlorobenzene	0.0196	0.0020	mg/Kg wet	0.0200		98.2	70-130			
1,3-Dichlorobenzene	0.0199	0.0020	mg/Kg wet	0.0200		99.7	70-130			
1,4-Dichlorobenzene	0.0200	0.0020	mg/Kg wet	0.0200		100	70-130			
trans-1,4-Dichloro-2-butene	0.0164	0.0040	mg/Kg wet	0.0200		81.9	70-130			
Dichlorodifluoromethane (Freon 12)	0.0161	0.020	mg/Kg wet	0.0200		80.6	40-160			V-20 †
1,1-Dichloroethane	0.0199	0.0020	mg/Kg wet	0.0200		99.7	70-130			
1,2-Dichloroethane	0.0180	0.0020	mg/Kg wet	0.0200		90.0	70-130			
1,1-Dichloroethylene	0.0182	0.0040	mg/Kg wet	0.0200		90.9	70-130			
cis-1,2-Dichloroethylene	0.0212	0.0020	mg/Kg wet	0.0200		106	70-130			
trans-1,2-Dichloroethylene	0.0213	0.0020	mg/Kg wet	0.0200		106	70-130			
1,2-Dichloropropane	0.0190	0.0020	mg/Kg wet	0.0200		95.0	70-130			
1,3-Dichloropropane	0.0198	0.0010	mg/Kg wet	0.0200		99.1	70-130			
2,2-Dichloropropane	0.0249	0.0020	mg/Kg wet	0.0200		125	70-130			V-20
1,1-Dichloropropene	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130			
cis-1,3-Dichloropropene	0.0179	0.0010	mg/Kg wet	0.0200		89.4	70-130			
trans-1,3-Dichloropropene	0.0188	0.0010	mg/Kg wet	0.0200		94.0	70-130			
Diethyl Ether	0.0198	0.020	mg/Kg wet	0.0200		99.1	70-130			
Diisopropyl Ether (DIPE)	0.0217	0.0010	mg/Kg wet	0.0200		109	70-130			
1,4-Dioxane	0.215	0.10	mg/Kg wet	0.200		107	40-160			V-16, V-20 †
Ethylbenzene	0.0201	0.0020	mg/Kg wet	0.0200		100	70-130			
Hexachlorobutadiene	0.0215	0.0020	mg/Kg wet	0.0200		107	70-160			
2-Hexanone (MBK)	0.177	0.020	mg/Kg wet	0.200		88.3	70-160			†
Isopropylbenzene (Cumene)	0.0205	0.0020	mg/Kg wet	0.0200		103	70-130			
p-Isopropyltoluene (p-Cymene)	0.0220	0.0020	mg/Kg wet	0.0200		110	70-130			
Methyl tert-Butyl Ether (MTBE)	0.0205	0.0040	mg/Kg wet	0.0200		102	70-130			
Methylene Chloride	0.0162	0.020	mg/Kg wet	0.0200		80.9	40-160			†
4-Methyl-2-pentanone (MIBK)	0.185	0.020	mg/Kg wet	0.200		92.6	70-160			†
Naphthalene	0.0134	0.0040	mg/Kg wet	0.0200		66.8	40-130			V-05 †
n-Propylbenzene	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130			
Styrene	0.0195	0.0020	mg/Kg wet	0.0200		97.7	70-130			
1,1,1,2-Tetrachloroethane	0.0201	0.0020	mg/Kg wet	0.0200		100	70-130			
1,1,2,2-Tetrachloroethane	0.0201	0.0010	mg/Kg wet	0.0200		100	70-130			
Tetrachloroethylene	0.0213	0.0020	mg/Kg wet	0.0200		106	70-130			
Tetrahydrofuran	0.0279	0.010	mg/Kg wet	0.0200		139	* 70-130			L-07, V-16
Toluene	0.0192	0.0020	mg/Kg wet	0.0200		95.9	70-130			
1,2,3-Trichlorobenzene	0.0159	0.0020	mg/Kg wet	0.0200		79.7	70-130			V-05
1,2,4-Trichlorobenzene	0.0163	0.0020	mg/Kg wet	0.0200		81.5	70-130			
1,3,5-Trichlorobenzene	0.0200	0.0020	mg/Kg wet	0.0200		99.8	70-130			
1,1,1-Trichloroethane	0.0217	0.0020	mg/Kg wet	0.0200		109	70-130			
1,1,2-Trichloroethane	0.0202	0.0020	mg/Kg wet	0.0200		101	70-130			
Trichloroethylene	0.0200	0.0020	mg/Kg wet	0.0200		100	70-130			
Trichlorofluoromethane (Freon 11)	0.0202	0.010	mg/Kg wet	0.0200		101	70-130			
1,2,3-Trichloropropane	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0232	0.010	mg/Kg wet	0.0200		116	70-130			
1,2,4-Trimethylbenzene	0.0207	0.0020	mg/Kg wet	0.0200		103	70-130			
1,3,5-Trimethylbenzene	0.0199	0.0020	mg/Kg wet	0.0200		99.7	70-130			
Vinyl Chloride	0.0172	0.010	mg/Kg wet	0.0200		86.2	40-130			†

QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B065928 - SW-846 5035										
LCS (B065928-BS1)				Prepared & Analyzed: 01/10/13						
m+p Xylene	0.0399	0.0040	mg/Kg wet	0.0400		99.6	70-130			
o-Xylene	0.0195	0.0020	mg/Kg wet	0.0200		97.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0432		mg/Kg wet	0.0500		86.3	70-130			
Surrogate: Toluene-d8	0.0504		mg/Kg wet	0.0500		101	70-130			
Surrogate: 4-Bromofluorobenzene	0.0499		mg/Kg wet	0.0500		99.7	70-130			
LCS Dup (B065928-BS1)				Prepared & Analyzed: 01/10/13						
Acetone	0.167	0.10	mg/Kg wet	0.200		83.7	70-160	3.15	25	V-16 †
Acrylonitrile	0.0217	0.0060	mg/Kg wet	0.0200		108	70-130	4.43	25	
tert-Amyl Methyl Ether (TAME)	0.0200	0.0010	mg/Kg wet	0.0200		100	70-130	2.94	25	
Benzene	0.0217	0.0020	mg/Kg wet	0.0200		108	70-130	2.71	25	
Bromobenzene	0.0212	0.0020	mg/Kg wet	0.0200		106	70-130	6.04	25	
Bromochloromethane	0.0259	0.0020	mg/Kg wet	0.0200		130	70-130	2.11	25	V-20
Bromodichloromethane	0.0203	0.0020	mg/Kg wet	0.0200		102	70-130	4.01	25	
Bromoform	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130	0.987	25	
Bromomethane	0.0172	0.010	mg/Kg wet	0.0200		85.8	40-130	11.7	25	†
2-Butanone (MEK)	0.189	0.040	mg/Kg wet	0.200		94.3	70-160	1.10	25	V-16 †
tert-Butyl Alcohol (TBA)	0.228	0.040	mg/Kg wet	0.200		114	40-130	2.35	25	V-16 †
n-Butylbenzene	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130	2.04	25	
sec-Butylbenzene	0.0224	0.0020	mg/Kg wet	0.0200		112	70-130	2.72	25	
tert-Butylbenzene	0.0215	0.0020	mg/Kg wet	0.0200		107	70-160	1.31	25	†
tert-Butyl Ethyl Ether (TBEE)	0.0206	0.0020	mg/Kg wet	0.0200		103	70-130	2.85	25	
Carbon Disulfide	0.0187	0.0060	mg/Kg wet	0.0200		93.6	70-130	1.69	25	
Carbon Tetrachloride	0.0297	0.0020	mg/Kg wet	0.0200		148 *	70-130	0.938	25	L-02, V-20
Chlorobenzene	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130	3.52	25	
Chlorodibromomethane	0.0203	0.0010	mg/Kg wet	0.0200		101	70-130	3.21	25	
Chloroethane	0.0194	0.020	mg/Kg wet	0.0200		97.2	70-130	0.206	25	
Chloroform	0.0215	0.0040	mg/Kg wet	0.0200		107	70-130	3.70	25	
Chloromethane	0.0203	0.010	mg/Kg wet	0.0200		102	70-130	0.990	25	
2-Chlorotoluene	0.0200	0.0020	mg/Kg wet	0.0200		100	70-130	3.56	25	
4-Chlorotoluene	0.0199	0.0020	mg/Kg wet	0.0200		99.6	70-130	3.68	25	
1,2-Dibromo-3-chloropropane (DBCP)	0.0184	0.0020	mg/Kg wet	0.0200		91.8	70-130	4.58	25	V-16
1,2-Dibromoethane (EDB)	0.0226	0.0010	mg/Kg wet	0.0200		113	70-130	2.15	25	
Dibromomethane	0.0212	0.0020	mg/Kg wet	0.0200		106	70-130	4.34	25	
1,2-Dichlorobenzene	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130	3.60	25	
1,3-Dichlorobenzene	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130	2.48	25	
1,4-Dichlorobenzene	0.0210	0.0020	mg/Kg wet	0.0200		105	70-130	4.49	25	
trans-1,4-Dichloro-2-butene	0.0159	0.0040	mg/Kg wet	0.0200		79.5	70-130	2.97	25	
Dichlorodifluoromethane (Freon 12)	0.0163	0.020	mg/Kg wet	0.0200		81.4	40-160	0.988	25	V-20 †
1,1-Dichloroethane	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130	4.32	25	
1,2-Dichloroethane	0.0187	0.0020	mg/Kg wet	0.0200		93.6	70-130	3.92	25	
1,1-Dichloroethylene	0.0182	0.0040	mg/Kg wet	0.0200		91.2	70-130	0.329	25	
cis-1,2-Dichloroethylene	0.0223	0.0020	mg/Kg wet	0.0200		112	70-130	5.15	25	
trans-1,2-Dichloroethylene	0.0218	0.0020	mg/Kg wet	0.0200		109	70-130	2.69	25	
1,2-Dichloropropane	0.0196	0.0020	mg/Kg wet	0.0200		98.0	70-130	3.11	25	
1,3-Dichloropropane	0.0206	0.0010	mg/Kg wet	0.0200		103	70-130	3.76	25	
2,2-Dichloropropane	0.0259	0.0020	mg/Kg wet	0.0200		129	70-130	3.70	25	V-20
1,1-Dichloropropene	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130	0.192	25	
cis-1,3-Dichloropropene	0.0187	0.0010	mg/Kg wet	0.0200		93.5	70-130	4.48	25	
trans-1,3-Dichloropropene	0.0194	0.0010	mg/Kg wet	0.0200		96.9	70-130	3.04	25	
Diethyl Ether	0.0199	0.020	mg/Kg wet	0.0200		99.6	70-130	0.503	25	
Diisopropyl Ether (DIPE)	0.0229	0.0010	mg/Kg wet	0.0200		115	70-130	5.38	25	

QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B065928 - SW-846 5035
LCS Dup (B065928-BS1)

Prepared & Analyzed: 01/10/13

1,4-Dioxane	0.233	0.10	mg/Kg wet	0.200		116	40-160	8.10	50	V-16, V-20 † ‡
Ethylbenzene	0.0210	0.0020	mg/Kg wet	0.0200		105	70-130	4.58	25	
Hexachlorobutadiene	0.0226	0.0020	mg/Kg wet	0.0200		113	70-160	5.09	25	
2-Hexanone (MBK)	0.181	0.020	mg/Kg wet	0.200		90.7	70-160	2.70	25	†
Isopropylbenzene (Cumene)	0.0216	0.0020	mg/Kg wet	0.0200		108	70-130	5.12	25	
p-Isopropyltoluene (p-Cymene)	0.0225	0.0020	mg/Kg wet	0.0200		112	70-130	2.16	25	
Methyl tert-Butyl Ether (MTBE)	0.0208	0.0040	mg/Kg wet	0.0200		104	70-130	1.74	25	
Methylene Chloride	0.0176	0.020	mg/Kg wet	0.0200		88.2	40-160	8.63	25	†
4-Methyl-2-pentanone (MIBK)	0.193	0.020	mg/Kg wet	0.200		96.3	70-160	3.89	25	†
Naphthalene	0.0144	0.0040	mg/Kg wet	0.0200		71.9	40-130	7.35	25	V-05 †
n-Propylbenzene	0.0211	0.0020	mg/Kg wet	0.0200		106	70-130	3.66	25	
Styrene	0.0202	0.0020	mg/Kg wet	0.0200		101	70-130	3.12	25	
1,1,1,2-Tetrachloroethane	0.0209	0.0020	mg/Kg wet	0.0200		105	70-130	4.19	25	
1,1,2,2-Tetrachloroethane	0.0203	0.0010	mg/Kg wet	0.0200		101	70-130	0.892	25	
Tetrachloroethylene	0.0220	0.0020	mg/Kg wet	0.0200		110	70-130	3.42	25	
Tetrahydrofuran	0.0232	0.010	mg/Kg wet	0.0200		116	70-130	18.2	25	V-16
Toluene	0.0193	0.0020	mg/Kg wet	0.0200		96.6	70-130	0.727	25	
1,2,3-Trichlorobenzene	0.0182	0.0020	mg/Kg wet	0.0200		90.8	70-130	13.0	25	V-05
1,2,4-Trichlorobenzene	0.0181	0.0020	mg/Kg wet	0.0200		90.4	70-130	10.4	25	
1,3,5-Trichlorobenzene	0.0211	0.0020	mg/Kg wet	0.0200		106	70-130	5.74	25	
1,1,1-Trichloroethane	0.0228	0.0020	mg/Kg wet	0.0200		114	70-130	4.94	25	
1,1,2-Trichloroethane	0.0209	0.0020	mg/Kg wet	0.0200		104	70-130	3.51	25	
Trichloroethylene	0.0209	0.0020	mg/Kg wet	0.0200		104	70-130	4.40	25	
Trichlorofluoromethane (Freon 11)	0.0204	0.010	mg/Kg wet	0.0200		102	70-130	0.689	25	
1,2,3-Trichloropropane	0.0207	0.0020	mg/Kg wet	0.0200		103	70-130	0.482	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0232	0.010	mg/Kg wet	0.0200		116	70-130	0.00	25	
1,2,4-Trimethylbenzene	0.0209	0.0020	mg/Kg wet	0.0200		105	70-130	1.35	25	
1,3,5-Trimethylbenzene	0.0206	0.0020	mg/Kg wet	0.0200		103	70-130	3.45	25	
Vinyl Chloride	0.0174	0.010	mg/Kg wet	0.0200		87.0	40-130	0.924	25	†
m+p Xylene	0.0418	0.0040	mg/Kg wet	0.0400		104	70-130	4.75	25	
o-Xylene	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130	4.60	25	
Surrogate: 1,2-Dichloroethane-d4	0.0438		mg/Kg wet	0.0500		87.6	70-130			
Surrogate: Toluene-d8	0.0505		mg/Kg wet	0.0500		101	70-130			
Surrogate: 4-Bromofluorobenzene	0.0493		mg/Kg wet	0.0500		98.6	70-130			

Matrix Spike (B065928-MS1)

Source: 13A0226-01

Prepared & Analyzed: 01/10/13

Acetone	0.186	0.10	mg/Kg dry	0.207	ND	89.9	70-130			V-16
Acrylonitrile	0.0212	0.0062	mg/Kg dry	0.0207	ND	102	70-130			
tert-Amyl Methyl Ether (TAME)	0.0179	0.0010	mg/Kg dry	0.0207	ND	86.2	70-130			
Benzene	0.0203	0.0021	mg/Kg dry	0.0207	ND	97.7	70-130			
Bromobenzene	0.0185	0.0021	mg/Kg dry	0.0207	ND	89.2	70-130			
Bromochloromethane	0.0238	0.0021	mg/Kg dry	0.0207	ND	115	70-130			V-06
Bromodichloromethane	0.0185	0.0021	mg/Kg dry	0.0207	ND	89.3	70-130			
Bromoform	0.0185	0.0021	mg/Kg dry	0.0207	ND	89.0	70-130			
Bromomethane	0.0182	0.010	mg/Kg dry	0.0207	ND	87.9	70-130			
2-Butanone (MEK)	0.190	0.041	mg/Kg dry	0.207	ND	91.6	70-130			V-16
tert-Butyl Alcohol (TBA)	0.178	0.041	mg/Kg dry	0.207	ND	85.8	70-130			V-16
n-Butylbenzene	0.0176	0.0021	mg/Kg dry	0.0207	ND	84.9	70-130			
sec-Butylbenzene	0.0203	0.0021	mg/Kg dry	0.0207	ND	97.8	70-130			
tert-Butylbenzene	0.0199	0.0021	mg/Kg dry	0.0207	ND	96.0	70-130			
tert-Butyl Ethyl Ether (TBEE)	0.0182	0.0021	mg/Kg dry	0.0207	ND	87.7	70-130			
Carbon Disulfide	0.0187	0.0062	mg/Kg dry	0.0207	ND	90.1	70-130			

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B065928 - SW-846 5035										
Matrix Spike (B065928-MS1)	Source: 13A0226-01			Prepared & Analyzed: 01/10/13						
Carbon Tetrachloride	0.0257	0.0021	mg/Kg dry	0.0207	ND	124	70-130			V-06
Chlorobenzene	0.0186	0.0021	mg/Kg dry	0.0207	ND	89.7	70-130			
Chlorodibromomethane	0.0188	0.0010	mg/Kg dry	0.0207	ND	90.5	70-130			
Chloroethane	0.0195	0.021	mg/Kg dry	0.0207	ND	94.1	70-130			
Chloroform	0.0201	0.0041	mg/Kg dry	0.0207	ND	97.0	70-130			
Chloromethane	0.0218	0.010	mg/Kg dry	0.0207	ND	105	70-130			
2-Chlorotoluene	0.0178	0.0021	mg/Kg dry	0.0207	ND	85.7	70-130			
4-Chlorotoluene	0.0175	0.0021	mg/Kg dry	0.0207	ND	84.6	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	0.0149	0.0021	mg/Kg dry	0.0207	ND	71.7	70-130			V-16
1,2-Dibromoethane (EDB)	0.0212	0.0010	mg/Kg dry	0.0207	ND	102	70-130			
Dibromomethane	0.0203	0.0021	mg/Kg dry	0.0207	ND	97.7	70-130			
1,2-Dichlorobenzene	0.0177	0.0021	mg/Kg dry	0.0207	ND	85.5	70-130			
1,3-Dichlorobenzene	0.0178	0.0021	mg/Kg dry	0.0207	ND	86.0	70-130			
1,4-Dichlorobenzene	0.0180	0.0021	mg/Kg dry	0.0207	ND	86.8	70-130			
trans-1,4-Dichloro-2-butene	0.0150	0.0041	mg/Kg dry	0.0207	ND	72.5	70-130			
Dichlorodifluoromethane (Freon 12)	0.0190	0.021	mg/Kg dry	0.0207	ND	91.5	70-130			V-06
1,1-Dichloroethane	0.0190	0.0021	mg/Kg dry	0.0207	ND	91.8	70-130			
1,2-Dichloroethane	0.0175	0.0021	mg/Kg dry	0.0207	ND	84.5	70-130			
1,1-Dichloroethylene	0.0180	0.0041	mg/Kg dry	0.0207	ND	86.8	70-130			
cis-1,2-Dichloroethylene	0.0206	0.0021	mg/Kg dry	0.0207	ND	99.3	70-130			
trans-1,2-Dichloroethylene	0.0204	0.0021	mg/Kg dry	0.0207	ND	98.5	70-130			
1,2-Dichloropropane	0.0186	0.0021	mg/Kg dry	0.0207	ND	89.8	70-130			
1,3-Dichloropropane	0.0200	0.0010	mg/Kg dry	0.0207	ND	96.3	70-130			
2,2-Dichloropropane	0.0199	0.0021	mg/Kg dry	0.0207	ND	96.0	70-130			V-06
1,1-Dichloropropene	0.0196	0.0021	mg/Kg dry	0.0207	ND	94.3	70-130			
cis-1,3-Dichloropropene	0.0166	0.0010	mg/Kg dry	0.0207	ND	79.9	70-130			
trans-1,3-Dichloropropene	0.0168	0.0010	mg/Kg dry	0.0207	ND	81.0	70-130			
Diethyl Ether	0.0198	0.021	mg/Kg dry	0.0207	ND	95.7	70-130			
Diisopropyl Ether (DIPE)	0.0212	0.0010	mg/Kg dry	0.0207	ND	102	70-130			
1,4-Dioxane	0.204	0.10	mg/Kg dry	0.207	ND	98.3	70-130			V-06, V-16
Ethylbenzene	0.0191	0.0021	mg/Kg dry	0.0207	ND	92.2	70-130			
Hexachlorobutadiene	0.0178	0.0021	mg/Kg dry	0.0207	ND	86.0	70-130			
2-Hexanone (MBK)	0.168	0.021	mg/Kg dry	0.207	ND	81.2	70-130			
Isopropylbenzene (Cumene)	0.0194	0.0021	mg/Kg dry	0.0207	ND	93.7	70-130			
p-Isopropyltoluene (p-Cymene)	0.0198	0.0021	mg/Kg dry	0.0207	ND	95.4	70-130			
Methyl tert-Butyl Ether (MTBE)	0.0191	0.0041	mg/Kg dry	0.0207	ND	92.3	70-130			
Methylene Chloride	0.0190	0.021	mg/Kg dry	0.0207	ND	91.8	70-130			
4-Methyl-2-pentanone (MIBK)	0.178	0.021	mg/Kg dry	0.207	ND	86.0	70-130			
Naphthalene	0.00834	0.0041	mg/Kg dry	0.0207	ND	40.2 *	70-130			MS-07, V-05
n-Propylbenzene	0.0190	0.0021	mg/Kg dry	0.0207	ND	91.8	70-130			
Styrene	0.0177	0.0021	mg/Kg dry	0.0207	ND	85.2	70-130			
1,1,1,2-Tetrachloroethane	0.0190	0.0021	mg/Kg dry	0.0207	ND	91.4	70-130			
1,1,2,2-Tetrachloroethane	0.0192	0.0010	mg/Kg dry	0.0207	ND	92.8	70-130			
Tetrachloroethylene	0.0201	0.0021	mg/Kg dry	0.0207	ND	96.7	70-130			
Tetrahydrofuran	0.0225	0.010	mg/Kg dry	0.0207	ND	109	70-130			V-16
Toluene	0.0182	0.0021	mg/Kg dry	0.0207	ND	87.8	70-130			
1,2,3-Trichlorobenzene	0.0111	0.0021	mg/Kg dry	0.0207	ND	53.7 *	70-130			MS-07, V-05
1,2,4-Trichlorobenzene	0.0118	0.0021	mg/Kg dry	0.0207	ND	56.8 *	70-130			MS-07
1,3,5-Trichlorobenzene	0.0158	0.0021	mg/Kg dry	0.0207	ND	76.1	70-130			
1,1,1-Trichloroethane	0.0196	0.0021	mg/Kg dry	0.0207	ND	94.5	70-130			
1,1,2-Trichloroethane	0.0200	0.0021	mg/Kg dry	0.0207	ND	96.5	70-130			
Trichloroethylene	0.0222	0.0021	mg/Kg dry	0.0207	ND	107	70-130			

QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B065928 - SW-846 5035
Matrix Spike (B065928-MS1)
Source: 13A0226-01

Prepared & Analyzed: 01/10/13

Trichlorofluoromethane (Freon 11)	0.0199	0.010	mg/Kg dry	0.0207	ND	96.0	70-130			
1,2,3-Trichloropropane	0.0188	0.0021	mg/Kg dry	0.0207	ND	90.5	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0227	0.010	mg/Kg dry	0.0207	ND	110	70-130			
1,2,4-Trimethylbenzene	0.0192	0.0021	mg/Kg dry	0.0207	ND	92.5	70-130			
1,3,5-Trimethylbenzene	0.0186	0.0021	mg/Kg dry	0.0207	ND	89.5	70-130			
Vinyl Chloride	0.0182	0.010	mg/Kg dry	0.0207	ND	87.9	70-130			
m+p Xylene	0.0378	0.0041	mg/Kg dry	0.0415	ND	91.2	70-130			
o-Xylene	0.0185	0.0021	mg/Kg dry	0.0207	ND	89.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0471		mg/Kg dry	0.0518		90.8	70-130			
Surrogate: Toluene-d8	0.0538		mg/Kg dry	0.0518		104	70-130			
Surrogate: 4-Bromofluorobenzene	0.0517		mg/Kg dry	0.0518		99.7	70-130			

Batch B066026 - SW-846 5030B
Blank (B066026-BLK1)

Prepared & Analyzed: 01/11/13

Acetone	ND	50	µg/L							
Acrylonitrile	ND	5.0	µg/L							
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L							
Benzene	ND	1.0	µg/L							
Bromobenzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	2.0	µg/L							
2-Butanone (MEK)	ND	20	µg/L							
tert-Butyl Alcohol (TBA)	ND	20	µg/L							
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L							
Carbon Disulfide	ND	2.0	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
2-Chlorotoluene	ND	1.0	µg/L							
4-Chlorotoluene	ND	1.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	1.0	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							

V-16

QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B066026 - SW-846 5030B										
Blank (B066026-BLK1)				Prepared & Analyzed: 01/11/13						
1,2-Dichloropropane	ND	1.0	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	1.0	µg/L							
1,1-Dichloropropene	ND	2.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							V-05
Diethyl Ether	ND	2.0	µg/L							
Diisopropyl Ether (DIPE)	ND	0.50	µg/L							
1,4-Dioxane	ND	50	µg/L							V-16
Ethylbenzene	ND	1.0	µg/L							
Hexachlorobutadiene	ND	0.50	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							
Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L							
Naphthalene	ND	2.0	µg/L							V-05
n-Propylbenzene	ND	1.0	µg/L							
Styrene	ND	1.0	µg/L							
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	µg/L							
Tetrahydrofuran	ND	10	µg/L							
Toluene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	5.0	µg/L							V-05
1,2,4-Trichlorobenzene	ND	1.0	µg/L							V-05
1,3,5-Trichlorobenzene	ND	1.0	µg/L							
1,1,1-Trichloroethane	ND	1.0	µg/L							
1,1,2-Trichloroethane	ND	1.0	µg/L							
Trichloroethylene	ND	1.0	µg/L							
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L							
1,2,3-Trichloropropane	ND	2.0	µg/L							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L							
1,2,4-Trimethylbenzene	ND	1.0	µg/L							
1,3,5-Trimethylbenzene	ND	1.0	µg/L							
Vinyl Chloride	ND	2.0	µg/L							
m+p Xylene	ND	2.0	µg/L							
o-Xylene	ND	1.0	µg/L							
Surrogate: 1,2-Dichloroethane-d4	24.7		µg/L	25.0		98.8	70-130			
Surrogate: Toluene-d8	24.5		µg/L	25.0		98.0	70-130			
Surrogate: 4-Bromofluorobenzene	24.3		µg/L	25.0		97.2	70-130			

QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B066026 - SW-846 5030B										
LCS (B066026-BS1)				Prepared & Analyzed: 01/11/13						
Acetone	81.3	50	µg/L	100		81.3	70-160			†
Acrylonitrile	11.9	5.0	µg/L	10.0		119	70-130			
tert-Amyl Methyl Ether (TAME)	9.42	0.50	µg/L	10.0		94.2	70-130			
Benzene	11.4	1.0	µg/L	10.0		114	70-130			
Bromobenzene	11.4	1.0	µg/L	10.0		114	70-130			
Bromochloromethane	11.6	1.0	µg/L	10.0		116	70-130			
Bromodichloromethane	9.95	0.50	µg/L	10.0		99.5	70-130			
Bromoform	8.71	1.0	µg/L	10.0		87.1	70-130			
Bromomethane	5.85	2.0	µg/L	10.0		58.5	40-160			†
2-Butanone (MEK)	94.6	20	µg/L	100		94.6	40-160			†
tert-Butyl Alcohol (TBA)	70.4	20	µg/L	100		70.4	40-160			V-16 †
n-Butylbenzene	11.1	1.0	µg/L	10.0		111	70-130			
sec-Butylbenzene	11.3	1.0	µg/L	10.0		113	70-130			
tert-Butylbenzene	11.1	1.0	µg/L	10.0		111	70-130			
tert-Butyl Ethyl Ether (TBEE)	10.3	0.50	µg/L	10.0		103	70-130			
Carbon Disulfide	7.94	2.0	µg/L	10.0		79.4	70-130			
Carbon Tetrachloride	9.70	5.0	µg/L	10.0		97.0	70-130			
Chlorobenzene	11.3	1.0	µg/L	10.0		113	70-130			
Chlorodibromomethane	8.18	0.50	µg/L	10.0		81.8	70-130			
Chloroethane	9.99	2.0	µg/L	10.0		99.9	70-130			
Chloroform	10.7	2.0	µg/L	10.0		107	70-130			
Chloromethane	9.04	2.0	µg/L	10.0		90.4	40-160			†
2-Chlorotoluene	10.8	1.0	µg/L	10.0		108	70-130			
4-Chlorotoluene	11.1	1.0	µg/L	10.0		111	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	8.94	5.0	µg/L	10.0		89.4	70-130			
1,2-Dibromoethane (EDB)	10.5	0.50	µg/L	10.0		105	70-130			
Dibromomethane	10.9	1.0	µg/L	10.0		109	70-130			
1,2-Dichlorobenzene	11.0	1.0	µg/L	10.0		110	70-130			
1,3-Dichlorobenzene	11.1	1.0	µg/L	10.0		111	70-130			
1,4-Dichlorobenzene	11.2	1.0	µg/L	10.0		112	70-130			
trans-1,4-Dichloro-2-butene	9.31	2.0	µg/L	10.0		93.1	70-130			
Dichlorodifluoromethane (Freon 12)	7.22	2.0	µg/L	10.0		72.2	40-160			†
1,1-Dichloroethane	11.5	1.0	µg/L	10.0		115	70-130			
1,2-Dichloroethane	10.3	1.0	µg/L	10.0		103	70-130			
1,1-Dichloroethylene	10.0	1.0	µg/L	10.0		100	70-130			
cis-1,2-Dichloroethylene	10.7	1.0	µg/L	10.0		107	70-130			
trans-1,2-Dichloroethylene	11.5	1.0	µg/L	10.0		115	70-130			
1,2-Dichloropropane	11.5	1.0	µg/L	10.0		115	70-130			
1,3-Dichloropropane	10.9	0.50	µg/L	10.0		109	70-130			
2,2-Dichloropropane	8.75	1.0	µg/L	10.0		87.5	40-130			†
1,1-Dichloropropene	11.2	2.0	µg/L	10.0		112	70-130			
cis-1,3-Dichloropropene	8.22	0.50	µg/L	10.0		82.2	70-130			
trans-1,3-Dichloropropene	8.01	0.50	µg/L	10.0		80.1	70-130			V-05
Diethyl Ether	9.35	2.0	µg/L	10.0		93.5	70-130			
Diisopropyl Ether (DIPE)	12.6	0.50	µg/L	10.0		126	70-130			
1,4-Dioxane	107	50	µg/L	100		107	40-130			V-16 †
Ethylbenzene	11.4	1.0	µg/L	10.0		114	70-130			
Hexachlorobutadiene	11.5	0.50	µg/L	10.0		115	70-130			
2-Hexanone (MBK)	94.5	10	µg/L	100		94.5	70-160			†
Isopropylbenzene (Cumene)	11.1	1.0	µg/L	10.0		111	70-130			
p-Isopropyltoluene (p-Cymene)	12.0	1.0	µg/L	10.0		120	70-130			
Methyl tert-Butyl Ether (MTBE)	10.6	1.0	µg/L	10.0		106	70-130			

QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B066026 - SW-846 5030B										
LCS (B066026-BS1)				Prepared & Analyzed: 01/11/13						
Methylene Chloride	10.8	5.0	µg/L	10.0		108	70-130			
4-Methyl-2-pentanone (MIBK)	98.4	10	µg/L	100		98.4	70-160			†
Naphthalene	7.38	2.0	µg/L	10.0		73.8	40-130			V-05 †
n-Propylbenzene	11.2	1.0	µg/L	10.0		112	70-130			
Styrene	11.1	1.0	µg/L	10.0		111	70-130			
1,1,1,2-Tetrachloroethane	10.2	1.0	µg/L	10.0		102	70-130			
1,1,2,2-Tetrachloroethane	10.8	0.50	µg/L	10.0		108	70-130			
Tetrachloroethylene	10.7	1.0	µg/L	10.0		107	70-130			
Tetrahydrofuran	10.5	10	µg/L	10.0		105	70-130			
Toluene	10.9	1.0	µg/L	10.0		109	70-130			
1,2,3-Trichlorobenzene	7.04	5.0	µg/L	10.0		70.4	70-130			V-05
1,2,4-Trichlorobenzene	7.72	1.0	µg/L	10.0		77.2	70-130			V-05
1,3,5-Trichlorobenzene	10.7	1.0	µg/L	10.0		107	70-130			
1,1,1-Trichloroethane	10.2	1.0	µg/L	10.0		102	70-130			
1,1,2-Trichloroethane	10.9	1.0	µg/L	10.0		109	70-130			
Trichloroethylene	10.8	1.0	µg/L	10.0		108	70-130			
Trichlorofluoromethane (Freon 11)	10.7	2.0	µg/L	10.0		107	70-130			
1,2,3-Trichloropropane	10.7	2.0	µg/L	10.0		107	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.6	1.0	µg/L	10.0		106	70-130			
1,2,4-Trimethylbenzene	11.6	1.0	µg/L	10.0		116	70-130			
1,3,5-Trimethylbenzene	11.0	1.0	µg/L	10.0		110	70-130			
Vinyl Chloride	8.29	2.0	µg/L	10.0		82.9	40-160			†
m+p Xylene	22.9	2.0	µg/L	20.0		115	70-130			
o-Xylene	11.2	1.0	µg/L	10.0		112	70-130			
Surrogate: 1,2-Dichloroethane-d4	23.8		µg/L	25.0		95.2	70-130			
Surrogate: Toluene-d8	25.0		µg/L	25.0		99.8	70-130			
Surrogate: 4-Bromofluorobenzene	25.7		µg/L	25.0		103	70-130			
LCS Dup (B066026-BSD1)				Prepared & Analyzed: 01/11/13						
Acetone	78.3	50	µg/L	100		78.3	70-160	3.75	25	†
Acrylonitrile	12.1	5.0	µg/L	10.0		121	70-130	1.67	25	
tert-Amyl Methyl Ether (TAME)	9.30	0.50	µg/L	10.0		93.0	70-130	1.28	25	
Benzene	10.9	1.0	µg/L	10.0		109	70-130	4.30	25	
Bromobenzene	11.2	1.0	µg/L	10.0		112	70-130	1.41	25	
Bromochloromethane	11.3	1.0	µg/L	10.0		113	70-130	2.70	25	
Bromodichloromethane	9.75	0.50	µg/L	10.0		97.5	70-130	2.03	25	
Bromoform	8.70	1.0	µg/L	10.0		87.0	70-130	0.115	25	
Bromomethane	6.71	2.0	µg/L	10.0		67.1	40-160	13.7	25	†
2-Butanone (MEK)	94.0	20	µg/L	100		94.0	40-160	0.636	25	†
tert-Butyl Alcohol (TBA)	70.2	20	µg/L	100		70.2	40-160	0.199	25	V-16 †
n-Butylbenzene	10.5	1.0	µg/L	10.0		105	70-130	5.83	25	
sec-Butylbenzene	10.7	1.0	µg/L	10.0		107	70-130	5.83	25	
tert-Butylbenzene	10.5	1.0	µg/L	10.0		105	70-130	5.54	25	
tert-Butyl Ethyl Ether (TBEE)	10.1	0.50	µg/L	10.0		101	70-130	1.37	25	
Carbon Disulfide	6.93	2.0	µg/L	10.0		69.3 *	70-130	13.6	25	L-07
Carbon Tetrachloride	9.29	5.0	µg/L	10.0		92.9	70-130	4.32	25	
Chlorobenzene	11.1	1.0	µg/L	10.0		111	70-130	2.23	25	
Chlorodibromomethane	8.03	0.50	µg/L	10.0		80.3	70-130	1.85	25	
Chloroethane	9.01	2.0	µg/L	10.0		90.1	70-130	10.3	25	
Chloroform	10.1	2.0	µg/L	10.0		101	70-130	5.19	25	
Chloromethane	8.54	2.0	µg/L	10.0		85.4	40-160	5.69	25	†
2-Chlorotoluene	10.4	1.0	µg/L	10.0		104	70-130	3.58	25	

QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B066026 - SW-846 5030B										
LCS Dup (B066026-BSD1)				Prepared & Analyzed: 01/11/13						
4-Chlorotoluene	10.8	1.0	µg/L	10.0		108	70-130	2.82	25	
1,2-Dibromo-3-chloropropane (DBCP)	8.60	5.0	µg/L	10.0		86.0	70-130	3.88	25	
1,2-Dibromoethane (EDB)	10.5	0.50	µg/L	10.0		105	70-130	0.191	25	
Dibromomethane	10.9	1.0	µg/L	10.0		109	70-130	0.184	25	
1,2-Dichlorobenzene	10.7	1.0	µg/L	10.0		107	70-130	3.23	25	
1,3-Dichlorobenzene	10.7	1.0	µg/L	10.0		107	70-130	3.76	25	
1,4-Dichlorobenzene	11.0	1.0	µg/L	10.0		110	70-130	2.07	25	
trans-1,4-Dichloro-2-butene	9.23	2.0	µg/L	10.0		92.3	70-130	0.863	25	
Dichlorodifluoromethane (Freon 12)	6.72	2.0	µg/L	10.0		67.2	40-160	7.17	25	†
1,1-Dichloroethane	11.0	1.0	µg/L	10.0		110	70-130	4.52	25	
1,2-Dichloroethane	10.1	1.0	µg/L	10.0		101	70-130	1.47	25	
1,1-Dichloroethylene	9.21	1.0	µg/L	10.0		92.1	70-130	8.62	25	
cis-1,2-Dichloroethylene	10.2	1.0	µg/L	10.0		102	70-130	5.06	25	
trans-1,2-Dichloroethylene	10.8	1.0	µg/L	10.0		108	70-130	6.36	25	
1,2-Dichloropropane	11.2	1.0	µg/L	10.0		112	70-130	2.65	25	
1,3-Dichloropropane	10.7	0.50	µg/L	10.0		107	70-130	2.50	25	
2,2-Dichloropropane	8.08	1.0	µg/L	10.0		80.8	40-130	7.96	25	†
1,1-Dichloropropene	10.6	2.0	µg/L	10.0		106	70-130	5.78	25	
cis-1,3-Dichloropropene	7.98	0.50	µg/L	10.0		79.8	70-130	2.96	25	
trans-1,3-Dichloropropene	7.87	0.50	µg/L	10.0		78.7	70-130	1.76	25	V-05
Diethyl Ether	9.05	2.0	µg/L	10.0		90.5	70-130	3.26	25	
Diisopropyl Ether (DIPE)	12.3	0.50	µg/L	10.0		123	70-130	2.17	25	
1,4-Dioxane	103	50	µg/L	100		103	40-130	3.22	50	V-16 † ‡
Ethylbenzene	11.1	1.0	µg/L	10.0		111	70-130	2.93	25	
Hexachlorobutadiene	11.3	0.50	µg/L	10.0		113	70-130	2.11	25	
2-Hexanone (MBK)	96.1	10	µg/L	100		96.1	70-160	1.65	25	†
Isopropylbenzene (Cumene)	10.6	1.0	µg/L	10.0		106	70-130	4.70	25	
p-Isopropyltoluene (p-Cymene)	11.3	1.0	µg/L	10.0		113	70-130	6.60	25	
Methyl tert-Butyl Ether (MTBE)	10.4	1.0	µg/L	10.0		104	70-130	1.62	25	
Methylene Chloride	10.7	5.0	µg/L	10.0		107	70-130	1.21	25	
4-Methyl-2-pentanone (MIBK)	99.1	10	µg/L	100		99.1	70-160	0.658	25	†
Naphthalene	7.48	2.0	µg/L	10.0		74.8	40-130	1.35	25	V-05 †
n-Propylbenzene	10.7	1.0	µg/L	10.0		107	70-130	4.58	25	
Styrene	10.7	1.0	µg/L	10.0		107	70-130	4.13	25	
1,1,1,2-Tetrachloroethane	9.77	1.0	µg/L	10.0		97.7	70-130	4.50	25	
1,1,2,2-Tetrachloroethane	10.9	0.50	µg/L	10.0		109	70-130	1.02	25	
Tetrachloroethylene	10.0	1.0	µg/L	10.0		100	70-130	6.18	25	
Tetrahydrofuran	10.6	10	µg/L	10.0		106	70-130	1.52	25	
Toluene	10.5	1.0	µg/L	10.0		105	70-130	3.83	25	
1,2,3-Trichlorobenzene	7.47	5.0	µg/L	10.0		74.7	70-130	5.93	25	V-05
1,2,4-Trichlorobenzene	7.77	1.0	µg/L	10.0		77.7	70-130	0.646	25	V-05
1,3,5-Trichlorobenzene	10.4	1.0	µg/L	10.0		104	70-130	2.76	25	
1,1,1-Trichloroethane	9.53	1.0	µg/L	10.0		95.3	70-130	6.50	25	
1,1,2-Trichloroethane	10.6	1.0	µg/L	10.0		106	70-130	2.78	25	
Trichloroethylene	10.3	1.0	µg/L	10.0		103	70-130	4.65	25	
Trichlorofluoromethane (Freon 11)	9.53	2.0	µg/L	10.0		95.3	70-130	11.2	25	
1,2,3-Trichloropropane	10.6	2.0	µg/L	10.0		106	70-130	1.13	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.78	1.0	µg/L	10.0		97.8	70-130	8.52	25	
1,2,4-Trimethylbenzene	11.0	1.0	µg/L	10.0		110	70-130	4.69	25	
1,3,5-Trimethylbenzene	10.6	1.0	µg/L	10.0		106	70-130	3.70	25	
Vinyl Chloride	7.49	2.0	µg/L	10.0		74.9	40-160	10.1	25	†

QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B066026 - SW-846 5030B
LCS Dup (B066026-BSD1)

Prepared & Analyzed: 01/11/13

m+p Xylene	22.1	2.0	µg/L	20.0		110	70-130	3.73	25	
o-Xylene	10.9	1.0	µg/L	10.0		109	70-130	3.07	25	
Surrogate: 1,2-Dichloroethane-d4	23.8		µg/L	25.0		95.2	70-130			
Surrogate: Toluene-d8	24.8		µg/L	25.0		99.2	70-130			
Surrogate: 4-Bromofluorobenzene	25.6		µg/L	25.0		102	70-130			

FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
L-02	Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.
L-07	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.
MS-07	Matrix spike recovery is outside of control limits. Analysis is in control based on laboratory fortified blank recovery. Possibility of sample matrix effects that lead to low bias for reported result or non-homogeneous sample aliquot cannot be eliminated.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.
V-06	Continuing calibration did not meet method specifications and was biased on the high side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the high side.
V-16	Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy may be associated with reported result.
V-20	Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8260C in Soil</i>	
Acetone	CT,NH,NY,ME,VA
Acrylonitrile	CT,NH,NY,ME,VA
Benzene	CT,NH,NY,ME,VA
Bromobenzene	NH,NY,ME,VA
Bromochloromethane	NH,NY,ME,VA
Bromodichloromethane	CT,NH,NY,ME,VA
Bromoform	CT,NH,NY,ME,VA
Bromomethane	CT,NH,NY,ME,VA
2-Butanone (MEK)	CT,NH,NY,ME,VA
n-Butylbenzene	CT,NH,NY,ME,VA
sec-Butylbenzene	CT,NH,NY,ME,VA
tert-Butylbenzene	CT,NH,NY,ME,VA
Carbon Disulfide	CT,NH,NY,ME,VA
Carbon Tetrachloride	CT,NH,NY,ME,VA
Chlorobenzene	CT,NH,NY,ME,VA
Chlorodibromomethane	CT,NH,NY,ME,VA
Chloroethane	CT,NH,NY,ME,VA
Chloroform	CT,NH,NY,ME,VA
Chloromethane	CT,NH,NY,ME,VA
2-Chlorotoluene	CT,NH,NY,ME,VA
4-Chlorotoluene	CT,NH,NY,ME,VA
Dibromomethane	NH,NY,ME,VA
1,2-Dichlorobenzene	CT,NH,NY,ME,VA
1,3-Dichlorobenzene	CT,NH,NY,ME,VA
1,4-Dichlorobenzene	CT,NH,NY,ME,VA
Dichlorodifluoromethane (Freon 12)	NH,NY,ME,VA
1,1-Dichloroethane	CT,NH,NY,ME,VA
1,2-Dichloroethane	CT,NH,NY,ME,VA
1,1-Dichloroethylene	CT,NH,NY,ME,VA
cis-1,2-Dichloroethylene	CT,NH,NY,ME,VA
trans-1,2-Dichloroethylene	CT,NH,NY,ME,VA
1,2-Dichloropropane	CT,NH,NY,ME,VA
1,3-Dichloropropane	NH,NY,ME,VA
2,2-Dichloropropane	NH,NY,ME,VA
1,1-Dichloropropene	NH,NY,ME,VA
cis-1,3-Dichloropropene	CT,NH,NY,ME,VA
trans-1,3-Dichloropropene	CT,NH,NY,ME,VA
Ethylbenzene	CT,NH,NY,ME,VA
Hexachlorobutadiene	NH,NY,ME,VA
2-Hexanone (MBK)	CT,NH,NY,ME,VA
Isopropylbenzene (Cumene)	CT,NH,NY,ME,VA
p-Isopropyltoluene (p-Cymene)	NH,NY
Methyl tert-Butyl Ether (MTBE)	NY,VA
Methylene Chloride	CT,NH,NY,ME,VA
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,VA
Naphthalene	NH,NY,ME,VA
n-Propylbenzene	NH,NY

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8260C in Soil</i>	
Styrene	CT,NH,NY,ME,VA
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME,VA
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME,VA
Tetrachloroethylene	CT,NH,NY,ME,VA
Toluene	CT,NH,NY,ME,VA
1,2,3-Trichlorobenzene	ME
1,2,4-Trichlorobenzene	NH,NY,ME,VA
1,3,5-Trichlorobenzene	ME
1,1,1-Trichloroethane	CT,NH,NY,ME,VA
1,1,2-Trichloroethane	CT,NH,NY,ME,VA
Trichloroethylene	CT,NH,NY,ME,VA
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME,VA
1,2,3-Trichloropropane	NH,NY,ME,VA
1,2,4-Trimethylbenzene	CT,NH,NY,ME,VA
1,3,5-Trimethylbenzene	CT,NH,NY,ME,VA
Vinyl Chloride	CT,NH,NY,ME,VA
m+p Xylene	CT,NH,NY,ME,VA
o-Xylene	CT,NH,NY,ME,VA
<i>SW-846 8260C in Water</i>	
Acetone	CT,NY,ME,NH,VA
Acrylonitrile	CT,NY,ME,NH,RI,VA
tert-Amyl Methyl Ether (TAME)	NY,ME,NH,VA
Benzene	CT,NY,ME,NH,RI,VA
Bromochloromethane	NY,ME,NH,VA
Bromodichloromethane	CT,NY,ME,NH,RI,VA
Bromoform	CT,NY,ME,NH,RI,VA
Bromomethane	CT,NY,ME,NH,RI,VA
2-Butanone (MEK)	CT,NY,ME,NH,VA
tert-Butyl Alcohol (TBA)	NY,ME,NH,VA
n-Butylbenzene	NY,ME,VA
sec-Butylbenzene	NY,ME,VA
tert-Butylbenzene	NY,ME,VA
tert-Butyl Ethyl Ether (TBEE)	NY,ME,NH,VA
Carbon Disulfide	CT,NY,ME,NH,VA
Carbon Tetrachloride	CT,NY,ME,NH,RI,VA
Chlorobenzene	CT,NY,ME,NH,RI,VA
Chlorodibromomethane	CT,NY,ME,NH,RI,VA
Chloroethane	CT,NY,ME,NH,RI,VA
Chloroform	CT,NY,ME,NH,RI,VA
Chloromethane	CT,NY,ME,NH,RI,VA
2-Chlorotoluene	NY,ME,NH,VA
4-Chlorotoluene	NY,ME,NH,VA
Dibromomethane	NY,ME,NH,VA
1,2-Dichlorobenzene	CT,NY,ME,NH,RI,VA
1,3-Dichlorobenzene	CT,NY,ME,NH,RI,VA
1,4-Dichlorobenzene	CT,NY,ME,NH,RI,VA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8260C in Water</i>	
trans-1,4-Dichloro-2-butene	NY,ME,NH,VA
Dichlorodifluoromethane (Freon 12)	NY,ME,NH,RI,VA
1,1-Dichloroethane	CT,NY,ME,NH,RI,VA
1,2-Dichloroethane	CT,NY,ME,NH,RI,VA
1,1-Dichloroethylene	CT,NY,ME,NH,RI,VA
cis-1,2-Dichloroethylene	NY,ME
trans-1,2-Dichloroethylene	CT,NY,ME,NH,RI,VA
1,2-Dichloropropane	CT,NY,ME,NH,RI,VA
1,3-Dichloropropane	NY,ME,VA
2,2-Dichloropropane	NY,ME,NH,VA
1,1-Dichloropropene	NY,ME,NH,VA
cis-1,3-Dichloropropene	CT,NY,ME,NH,RI,VA
trans-1,3-Dichloropropene	CT,NY,ME,NH,RI,VA
Diisopropyl Ether (DIPE)	NY,ME,NH,VA
Ethylbenzene	CT,NY,ME,NH,RI,VA
Hexachlorobutadiene	CT,NY,ME,NH,VA
2-Hexanone (MBK)	CT,NY,ME,NH,VA
Isopropylbenzene (Cumene)	NY,ME,VA
p-Isopropyltoluene (p-Cymene)	CT,NY,ME,NH,VA
Methyl tert-Butyl Ether (MTBE)	CT,NY,ME,NH,VA
Methylene Chloride	CT,NY,ME,NH,RI,VA
4-Methyl-2-pentanone (MIBK)	CT,NY,ME,NH,VA
Naphthalene	NY,ME,NH,VA
n-Propylbenzene	CT,NY,ME,NH,VA
Styrene	CT,NY,ME,NH,VA
1,1,1,2-Tetrachloroethane	CT,NY,ME,NH,VA
1,1,2,2-Tetrachloroethane	CT,NY,ME,NH,RI,VA
Tetrachloroethylene	CT,NY,ME,NH,RI,VA
Toluene	CT,NY,ME,NH,RI,VA
1,2,3-Trichlorobenzene	NY,ME,NH,VA
1,2,4-Trichlorobenzene	CT,NY,ME,NH,VA
1,3,5-Trichlorobenzene	ME
1,1,1-Trichloroethane	CT,NY,ME,NH,RI,VA
1,1,2-Trichloroethane	CT,NY,ME,NH,RI,VA
Trichloroethylene	CT,NY,ME,NH,RI,VA
Trichlorofluoromethane (Freon 11)	CT,NY,ME,NH,RI,VA
1,2,3-Trichloropropane	NY,ME,NH,VA
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NY,VA
1,2,4-Trimethylbenzene	NY,ME,VA
1,3,5-Trimethylbenzene	NY,ME,VA
Vinyl Chloride	CT,NY,ME,NH,RI,VA
m+p Xylene	CT,NY,ME,NH,RI,VA
o-Xylene	CT,NY,ME,NH,RI,VA

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2014
MA	Massachusetts DEP	M-MA100	06/30/2013
CT	Connecticut Department of Public Health	PH-0567	09/30/2013
NY	New York State Department of Health	10899 NELAP	04/1/2013
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2013
RI	Rhode Island Department of Health	LAO00112	12/30/2013
NC	North Carolina Div. of Water Quality	652	12/31/2013
NJ	New Jersey DEP	MA007 NELAP	06/30/2013
FL	Florida Department of Health	E871027 NELAP	06/30/2013
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2013
WA	State of Washington Department of Ecology	C2065	02/23/2013
ME	State of Maine	2011028	06/9/2013
VA	Commonwealth of Virginia	460217	12/14/2013
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2012



11. AROUND TIME STARTS AT 9:00 A.M. 1-9-13

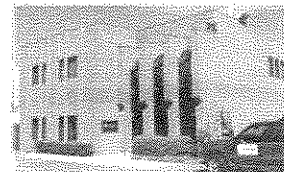
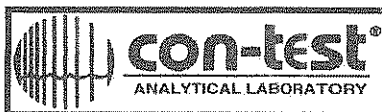
Lab approval	Other:
RECEIPT UNLESS THERE ARE QUESTIONS	

COMPLETELY

IF THIS FORM IS NOT F

Page 49 of 50 13A0226 1 Contest Final 01 16 13 1548 01/16/13 15:48:32

39 Spruce St.
East Longmeadow, MA. 01028
P: 413-525-2332
F: 413-525-6405
www.contestlabs.com



Sample Receipt Checklist

CLIENT NAME: TRC RECEIVED BY: WK DATE: 1-9-13

1) Was the chain(s) of custody relinquished and signed? Yes No No CoC Included

2) Does the chain agree with the samples?

If not, explain:

3) Are all the samples in good condition?

If not, explain:

4) How were the samples received:

On Ice ☒ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☐

Were the samples received in Temperature Compliance of (2-6°C)? Yes No N/A

Temperature °C by Temp blank _____ Temperature °C by Temp gun 3.6

5) Are there Dissolved samples for the lab to filter?

Yes No

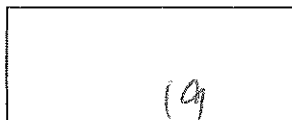
Who was notified _____ Date _____ Time _____

6) Are there any RUSH or SHORT HOLDING TIME samples?

Yes No

Who was notified _____ Date _____ Time _____

7) Location where samples are stored:



Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____

8) Do all samples have the proper Acid pH: Yes No N/A

9) Do all samples have the proper Base pH: Yes No N/A

10) Was the PC notified of any discrepancies with the CoC vs the samples: Yes No N/A

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	5
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	
40 mL Vial - type listed below	12	PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore	15	TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments:

40 mL vials: # HCl 12 # Methanol _____

Doc# 277 # Bisulfate _____ # DI Water _____

Rev. 3 May 2012 # Thiosulfate _____ Unpreserved _____

Time and Date Frozen:

APPENDIX E
SOIL BORING LOGS



1430 Broadway, 10th Floor
New York, NY 10018
Telephone: 2122217822

BORING NUMBER: **TRC-SB-1**
Page 1 of 1

PROJECT INFORMATION		BORING INFORMATION	
Project Name:	Proposed Primary School Site K047	Boring Depth:	20
Project Location:	168 8th Street and 197 9th Street, Brooklyn, NY	Hole Diameter:	
Project Number:	195072.0000.0000	Date Started:	11/12/12
Client:	New York City School Construction Authority	Date Completed:	11/12/12
TRC Eng./Geol:	Jenna Raup	Coordinate System:	
Checked By:	Charles Guder	North:	Not Surveyed
		East:	Not Surveyed
		Vertical Datum:	
		Ground Elevation:	Not Surveyed

DRILLING INFORMATION		GROUND WATER OBSERVATIONS	
Drilling Contractor:	LAWES	MEASUREMENT	At Time of Drilling
Driller(s):	Ernesto Santiago & Carl Pederson	DATE	11/12/2012
Drilling Method:	Geoprobe	DEPTH (ft.bgs.)	17
Equipment/Model:	Track Mounted Geoprobe 7720DT	REFERENCE	Ground Surface
Sampler:	Macrocore	STABILIZATION	None

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	MATERIAL DESCRIPTION	VOC SCREENING RESULTS (ppm)
1						0'- 0.2' Asphalt	
2						0.2'- 1.5' Brownish-Black Fine to Coarse SAND, little Fine to Medium Gravel, trace Red Brick, moist, no staining, no odor	
3	TRC-SB-1(1-4')		5.0	2.0		1.5'- 2' Brown Fine SAND, moist, no staining, no odor	
4							
5							
6						5'- 7.9' Brown Medium Fine SAND, trace Red Brick, dry, no odor, no staining	
7							
8			5.0	2.9			
9							
10							
11						10'- 12.8' Coarse Brown SAND, dry, no odor, no staining	
12							
13			5.0	3.3		12.8'- 13.3' Fine Brown SAND, trace Gravel, dry, no odor, no staining	
14							
15							
16						15'- 17' Coarse Brown SAND, trace Gravel, dry, no odor, no staining	
17							
18	TRC-SB-1(15-17')		5.0	3.3		17'- 18.25' Fine to Coarse Brown SAND, little Gravel, wet, no odor, no staining	
19							
20							

Bottom of borehole at 20.0 feet.

Notes:

SOIL BORING WELL COMPLETION WITH NOTES - TRC-STD US.GDT - 3/6/13
NYC-FSS/SHARED/PROJECTS/INCYSCA CONTRACT C000012279195072 - K047 PHASE II REPORT - LOT 11 APPENDIX E - BORING LOGSLOT 11 BORING LOGS.GPJ



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New York, NY 10018
Telephone: 2122217822

BORING NUMBER: **TRC-SB-2**
Page 1 of 1

PROJECT INFORMATION		BORING INFORMATION	
Project Name:	Proposed Primary School Site K047	Boring Depth:	20
Project Location:	168 8th Street and 197 9th Street, Brooklyn, NY	Hole Diameter:	
Project Number:	195072.0000.0000	Date Started:	11/12/12
Client:	New York City School Construction Authority	Date Completed:	11/12/12
TRC Eng./Geol:	Jenna Raup	Coordinate System:	
Checked By:	Charles Guder	North:	Not Surveyed
		East:	Not Surveyed
		Vertical Datum:	
		Ground Elevation:	Not Surveyed

DRILLING INFORMATION		GROUND WATER OBSERVATIONS			
Drilling Contractor:	LAWES	MEASUREMENT	At Time of Drilling	At End of Drilling	After Drilling
Driller(s):	Ernesto Santiago & Carl Pederson	DATE	11/12/2012		
Drilling Method:	Geoprobe	DEPTH (ft.bgs.)	16		
Equipment/Model:	Track Mounted Geoprobe 7720DT	REFERENCE	Ground Surface		
Sampler:	Macrocore	STABILIZATION			

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	MATERIAL DESCRIPTION	VOC SCREENING RESULTS (ppm)
1						0'- 0.3' Concrete	
2						0.3'- 0.6' Brown Fine SAND, little Brick, dry, no odor, no staining	
3	TRC-SB-2(1-4')		5.0	2.3		0.6'- 2.3' Brown Fine to Medium SAND, trace Gravel, dry, no odor, no staining	
4							
5							
6						5'- 5.8' Brown Medium SAND, trace Gravel, dry, no odor, no staining	
7						5.8'- 6.7' Brown Fine to Medium SAND, dry, no odor, no staining	
8			5.0	3.5		6.7'- 8.5' Brown Coarse SAND, dry, no odor, no staining	
9							
10							
11						10'- 12.5' Brown Coarse SAND, trace Gravel, dry, no odor, no staining	
12							
13			5.0	3.7		12.5'- 13.7' Brown and Gray Coarse SAND, dry, no odor, no staining	
14							
15							
16						15'- 16' Brown Coarse SAND, trace Gravel, dry, no odor, no staining	
17						16'- 17.9' Grayish Brown Coarse SAND, little Gravel, wet, no odor, no staining	
18	TRC-SB-2(15-16')		5.0	3.6			
19						17.9'- 18.6' Brown Medium to Coarse SAND, wet, no odor, no staining	
20							

Bottom of borehole at 20.0 feet.

Notes:

SOIL BORING WELL COMPLETION WITH NOTES - TRC-STD US.GDT - 3/6/13
NYC-FSS/SHARED/PROJECTS/INCYSCA CONTRACT C000012279195072 - K047 PHASE II REPORT - LOT 11 APPENDIX E - BORING LOGSLOT 11 BORING LOGS.GPJ



1430 Broadway, 10th Floor
New York, NY 10018
Telephone: 2122217822

BORING NUMBER: **TRC-SB-3**
Page 1 of 1

PROJECT INFORMATION		BORING INFORMATION	
Project Name:	Proposed Primary School Site K047	Boring Depth:	20
Project Location:	168 8th Street and 197 9th Street, Brooklyn, NY	Hole Diameter:	
Project Number:	195072.0000.0000	Date Started:	11/16/12
Client:	New York City School Construction Authority	Date Completed:	11/16/12
TRC Eng./Geol:	Jenna Raup	Coordinate System:	
Checked By:	Charles Guder	North:	Not Surveyed
		East:	Not Surveyed
		Vertical Datum:	
		Ground Elevation:	Not Surveyed

DRILLING INFORMATION		GROUND WATER OBSERVATIONS	
Drilling Contractor:	Zebra Environmental	MEASUREMENT	At Time of Drilling
Driller(s):	Luke Casoellero & Joseph Garcia	DATE	11/16/2012
Drilling Method:	Geoprobe	DEPTH (ft.bgs.)	19
Equipment/Model:	Track Mounted Geoprobe 6620DT	REFERENCE	Ground Surface
Sampler:	Macrocore	STABILIZATION	

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	MATERIAL DESCRIPTION	VOC SCREENING RESULTS (ppm)
1						0'- 1' Concrete	
2						1'- 1.2' Blackish Brown Coarse SAND, dry, no odor, no staining	
3	TRC-SB-3(1-4')		5.0	2.5		1.2'- 2.5' Brown Fine SAND, little Silt, dry, no odor, no staining	
4							
5							
6						5'- 8.5' Brown Fine SAND, dry, no odor, no staining	
7							
8	TRC-SB-3(5-7')		5.0	3.5			
9							
10							
11						10'- 11' Brown Fine to Medium SAND, little gravel, dry, no odor, no staining	
12						11'- 13' Brown Fine SAND, trace Gravel, dry, no odor, no staining	
13			5.0	4.5			
14						13'- 14.5' Brown Medium Sand, trace Gravel, dry, no odor, no staining	
15							
16						15'- 17' Reddish Brown Coarse SAND, dry, no odor, no staining	
17							
18	TRC-SB-3(17-19')		5.0	3.0		17'- 18' Brown Coarse SAND, wet, no odor, no staining	
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

Bottom of borehole at 20.0 feet.

Notes:

SOIL BORING/WELL COMPLETION WITH NOTES - TRC-STD US.GDT - 3/6/13
NYC-FSS/SHARED/PROJECTS/INYS/CA CONTRACT C00012279195072 - K047 PHASE II/REPORT - LOT 11/APPENDIX E - BORING LOGS/GPJ



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BORING NUMBER: **TRC-SB-4**
Page 1 of 1

PROJECT INFORMATION		BORING INFORMATION	
Project Name:	Proposed Primary School Site K047	Boring Depth:	20
Project Location:	168 8th Street and 197 9th Street, Brooklyn, NY	Hole Diameter:	
Project Number:	195072.0000.0000	Date Started:	11/16/12
Client:	New York City School Construction Authority	Date Completed:	11/16/12
TRC Eng./Geol:	Jenna Raup	Coordinate System:	
Checked By:	Charles Guder	North:	Not Surveyed
		East:	Not Surveyed
		Vertical Datum:	
		Ground Elevation:	Not Surveyed

DRILLING INFORMATION		GROUND WATER OBSERVATIONS			
Drilling Contractor:	Zebra Environmental	MEASUREMENT	At Time of Drilling	At End of Drilling	After Drilling
Driller(s):	Luke Casoellero & Joseph Garcia	DATE	11/16/2012		
Drilling Method:	Geoprobe	DEPTH (ft.bgs.)	19		
Equipment/Model:	Track Mounted Geoprobe 6620DT	REFERENCE	Ground Surface		
Sampler:	Macrocore	STABILIZATION			

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	MATERIAL DESCRIPTION	VOC SCREENING RESULTS (ppm)
1						0'- 1' Concrete	
2						1'- 1.2' Blackish-Brown Coarse SAND, trace red brick, dry, no odor, no staining	
3	TRC-SB-4(1-4')		5.0	2.0		1.2'- 2' Brown Fine SAND & SILT, dry, no odor, no staining	
4							
5							
6						5'- 7.5' Brown Fine SAND, trace Gravel, dry, no odor, no staining	
7							
8			5.0	4.0		7.5'- 9' Brown Fine SAND & SILT, little Gravel, dry, no odor, no staining	
9							
10							
11						10'- 11' Brownish-Black Coarse to Fine Sand, some gravel, dry, no odor, no staining	
12						11'- 12' Brown Fine SAND, some Silt, trace Gravel, dry, no odor, no staining	
13			5.0	4.5		12'- 14.5' Brown Fine to Medium SAND, trace Gravel, dry, no odor, no staining	
14							
15							
16						15'- 15.5' Brown Fine SAND, some Silt, dry	
17						15.5'- 16' Brownish-Black Coarse SAND, some Gravel, dry, no odor, no staining	
18	TRC-SB-4(17-19)		5.0	3.5		16'- 17' Reddish Brown Fine to Coarse SAND, little Gravel, dry	
19						17'- 18' Brown Coarse SAND, dry, no odor, no staining	
20	TRC-DUP2					18'- 18.5' Reddish Brown SILT & CLAY, wet, no odor, no staining	

Bottom of borehole at 20.0 feet.

Notes:

SOIL BORING WELL COMPLETION WITH NOTES - TRC-STD US.GDT - 3/6/13
NYC-FSS/SHARED/PROJECTS/INCYSCA CONTRACT C00012279195072 - K047 PHASE II REPORT - LOT 11 APPENDIX E - BORING LOGSLOT 11 BORING LOGS.GPJ



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BORING NUMBER: **TRC-SB-6**
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PROJECT INFORMATION		BORING INFORMATION	
Project Name:	Proposed Primary School Site K047	Boring Depth:	20
Project Location:	168 8th Street and 197 9th Street, Brooklyn, NY	Hole Diameter:	
Project Number:	195072.0000.0000	Date Started:	11/19/12
Client:	New York City School Construction Authority	Date Completed:	11/19/12
TRC Eng./Geol:	Jenna Raup	Coordinate System:	
Checked By:	Charles Guder	North:	Not Surveyed
		East:	Not Surveyed
		Vertical Datum:	
		Ground Elevation:	Not Surveyed

DRILLING INFORMATION		GROUND WATER OBSERVATIONS			
Drilling Contractor:	Zebra Environmental	MEASUREMENT	At Time of Drilling	At End of Drilling	After Drilling
Driller(s):	Luke Casoellero & Joseph Garcia	DATE	11/19/2012		
Drilling Method:	Geoprobe	DEPTH (ft.bgs.)	16		
Equipment/Model:	Track Mounted Geoprobe 6620DT	REFERENCE	Ground Surface		
Sampler:	Macrocore	STABILIZATION			

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	MATERIAL DESCRIPTION	VOC SCREENING RESULTS (ppm)
1						0'- 0.25' Concrete	
2						0.25'- 1' Light Brown SAND, trace Gravel and Coal, dry, no odor, no staining	
3	TRC-SB-6(1-4')		5.0	2.0		1'- 2' Brown Fine to Medium SAND, dry, no odor, no staining	
4							
5							
6						5'- 8' Brown Silty SAND, trace Coarse Sand, dry, no odor, no staining	
7							
8			5.0	4.0		8'- 9' Brown Silty SAND, little Gravel, dry, no odor, no staining	
9							
10						10'- 13.5' Brown & Gray Medium Coarse SAND & SILT, some Gravel, dry, no odor, no staining	
11							
12			5.0	4.5		13.5'- 14.5' Brown Medium to Fine SAND, trace Silt & Gravel, dry, no odor, no staining	
13							
14						15'- 16' Dark Brown Clayey SILT, some Sand, trace Gravel, dry, no odor, no staining	
15						16'- 19' Reddish Brown Silty CLAY, trace Gravel, wet, no odor, no staining	
16			5.0	4.5			
17	TRC-SB-6(14-16')					19'- 20' Dark Gray SAND, some Gravel, wet, petroleum (diesel) odor, black staining	
18	TRC-SB-6(19-20')						
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

Bottom of borehole at 20.0 feet.

Notes:



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BORING NUMBER: **TRC-SB-7**
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PROJECT INFORMATION		BORING INFORMATION	
Project Name:	Proposed Primary School Site K047	Boring Depth:	20
Project Location:	168 8th Street and 197 9th Street, Brooklyn, NY	Hole Diameter:	
Project Number:	195072.0000.0000	Date Started:	11/19/12
Client:	New York City School Construction Authority	Date Completed:	11/19/12
TRC Eng./Geol:	Jenna Raup	Coordinate System:	
Checked By:	Charles Guder	North:	Not Surveyed
		East:	Not Surveyed
		Vertical Datum:	
		Ground Elevation:	Not Surveyed

DRILLING INFORMATION		GROUND WATER OBSERVATIONS	
Drilling Contractor:	Zebra Environmental	MEASUREMENT	At Time of Drilling
Driller(s):	Luke Casoellero & Joseph Garcia	DATE	11/19/2012
Drilling Method:	Geoprobe	DEPTH (ft.bgs.)	18
Equipment/Model:	Track Mounted Geoprobe 6620DT	REFERENCE	Ground Surface
Sampler:	Macrocore	STABILIZATION	

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	MATERIAL DESCRIPTION	VOC SCREENING RESULTS (ppm)
1						0'- 0.5' Concrete	
2						0.5'- 1.5' Brown Fine SAND, little Gravel, dry, no odor, no staining	
3			5.0	2.5		1.5'- 2.5' Reddish Brown Fine SAND & SILT, trace Gravel, dry, no odor, no staining	
4	TRC-SB-7(1-4')						
5							
6						5'- 5.5' Brown SILT, little Sand, some Gravel, dry, no odor, no staining	
7						5.5'- 6' Gray Coarse SAND, dry, no odor, no staining	
8			5.0	4.0		6'- 7.5' Brown Silty SAND, some Gravel, dry, no odor, no staining	
9						7.5'- 9' Brown Clayey SILT, some Gravel, dry, no odor, no staining	
10							
11						10'- 11' Brown SILT, some Gravel & Sand, dry, no odor, no staining	
12						11'- 13.5' Brown Silty CLAY, some Gravel, little Sand, dry, no odor, no staining	
13			5.0	4.5			
14						13.5'- 14.5' Brown Fine to Coarse SAND, some Gravel, dry, no odor, no staining	
15							
16						15'- 16' Brown Silty CLAY, some Gravel, dry, no odor, no staining	
17						16'- 17' Brown Coarse SAND, little Gravel, dry, no odor, no staining	
18	TRC-SB-7(16-18')		5.0	4.5		17'- 18' Brown Silty SAND, dry, no odor, no staining	
19						18'- 19.5' Brown Coarse SAND, little Silt, wet, no odor, no staining	
20							

Bottom of borehole at 20.0 feet.

Notes:

SOIL BORING WELL COMPLETION WITH NOTES - TRC-STD US.GDT - 3/6/13
NYC-FSS/SHARED/PROJECTS/INCYSCA CONTRACT C00012279195072 - K047 PHASE II REPORT - LOT 11 APPENDIX E - BORING LOGSLOT 11 BORING LOGS.GPJ



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BORING NUMBER: **TRC-SB-9**
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PROJECT INFORMATION		BORING INFORMATION	
Project Name:	Proposed Primary School Site K047	Boring Depth:	20
Project Location:	168 8th Street and 197 9th Street, Brooklyn, NY	Hole Diameter:	
Project Number:	195072.0000.0000	Date Started:	11/12/12
Client:	New York City School Construction Authority	Date Completed:	11/12/12
TRC Eng./Geol:	Jenna Raup	Coordinate System:	
Checked By:	Charles Guder	North:	Not Surveyed
		East:	Not Surveyed
		Vertical Datum:	
		Ground Elevation:	Not Surveyed

DRILLING INFORMATION		GROUND WATER OBSERVATIONS	
Drilling Contractor:	LAWES	MEASUREMENT	At Time of Drilling
Driller(s):	Ernesto Santiago & Carl Pederson	DATE	11/12/2012
Drilling Method:	Geoprobe	DEPTH (ft.bgs.)	16
Equipment/Model:	Track Mounted Geoprobe 7720DT	REFERENCE	Ground Surface
Sampler:	Macrocore	STABILIZATION	

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	MATERIAL DESCRIPTION	VOC SCREENING RESULTS (ppm)
1						0'- 1' Concrete	
2						1'- 1.5' Brownish Black Fine to Medium SAND, trace Gravel, dry, no odor, no staining	
3	TRC-SB-9(1-4')		5.0	3.0		1.5'- 3' Brown Fine SAND, trace Gravel, dry, no odor, no staining	
4							
5							
6						5'- 9' Brown Coarse to Fine SAND, trace Gravel, dry, no odor, no staining	
7							
8			5.0	4.0			
9							
10							
11						10'- 14' Brown Coarse to Fine SAND, trace Gravel, dry, no odor, no staining	
12							
13			5.0	4.0			
14							
15							
16						15'- 16' Brown Coarse to Fine SAND, trace Gravel, dry, no odor, no staining	
17						16'- 19' Brown Coarse to Fine SAND, trace Gravel, wet, no odor, no staining	
18	TRC-SB-9(15-16')		5.0	4.0			
19							
20							

Bottom of borehole at 20.0 feet.

Notes:

SOIL BORING/WELL COMPLETION WITH NOTES - TRC-STD US.GDT - 3/6/13
NYC-FSS/SHARED/PROJECTS/INYS/CA CONTRACT C00012279195072 - K047 PHASE II/REPORT - LOT 11/APPENDIX E - BORING LOGS/LOT 11 BORING LOGS.GPJ



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BORING NUMBER: **TRC-SB-10**
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PROJECT INFORMATION		BORING INFORMATION	
Project Name:	Proposed Primary School Site K047	Boring Depth:	20
Project Location:	168 8th Street and 197 9th Street, Brooklyn, NY	Hole Diameter:	
Project Number:	195072.0000.0000	Date Started:	11/16/12
Client:	New York City School Construction Authority	Date Completed:	11/16/12
TRC Eng./Geol:	Jenna Raup	Coordinate System:	
Checked By:	Charles Guder	North:	Not Surveyed
		East:	Not Surveyed
		Vertical Datum:	
		Ground Elevation:	Not Surveyed

DRILLING INFORMATION		GROUND WATER OBSERVATIONS			
Drilling Contractor:	Zebra Environmental	MEASUREMENT	At Time of Drilling	At End of Drilling	After Drilling
Driller(s):	Luke Casoellero & Joseph Garcia	DATE	11/16/2012		
Drilling Method:	Geoprobe	DEPTH (ft.bgs.)	19		
Equipment/Model:	Track Mounted Geoprobe 6620DT	REFERENCE	Ground Surface		
Sampler:	Macrocore	STABILIZATION			

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	MATERIAL DESCRIPTION	VOC SCREENING RESULTS (ppm)
1						0'- 0.5' Asphalt	
2						0.5'- 1.5' Concrete	
3	TRC-SB-10(1-4')		5.0	3.0		1.5'- 2.5' Brown SAND, some red brick	
4						2.5'- 3' Brown Silty CLAY, moist, no odor, no staining	
5							
6						5'- 7' Brown Silty CLAY, moist, no odor, no staining	
7							
8			5.0	3.5		7'- 8.5' Brown Fine SAND, trace Gravel	
9							
10							
11						10'- 11' Reddish Brown Silty SAND, moist, no odor, no staining	
12						11'- 14.5' Reddish Brown Silty CLAY, little Gravel, dry, no odor, no staining	
13			5.0	4.5			
14							
15						15'- 17' Reddish Brown Silty CLAY, moist, no odor, no staining	
16							
17							
18	TRC-SB-10(17-19')		5.0	4.5		17'- 17.5' Reddish Brown Medium to Coarse SAND, dry, no odor, no staining	
19						17.5'- 18.5' Reddish Brown Silty CLAY, trace Gravel	
20						18.5'- 19' Brown Coarse SAND, dry, no odor, no staining	
						19'- 19.5' Reddish Brown Silty CLAY, some Sand, little Gravel, wet, no odor, no staining	

Bottom of borehole at 20.0 feet.

Notes:

SOIL BORING WELL COMPLETION WITH NOTES - TRC-STD US.GDT - 3/6/13
NYC-FSS/SHARED/PROJECTS/INCYSCA CONTRACT C00012279195072 - K047 PHASE II REPORT - LOT 11 APPENDIX E - BORING LOGSLOT 11 BORING LOGS.GPJ



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BORING NUMBER: **TRC-SB-13**
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PROJECT INFORMATION		BORING INFORMATION	
Project Name:	Proposed Primary School Site K047	Boring Depth:	20
Project Location:	168 8th Street and 197 9th Street, Brooklyn, NY	Hole Diameter:	
Project Number:	195072.0000.0000	Date Started:	1/8/13
Client:	New York City School Construction Authority	Date Completed:	1/8/13
TRC Eng./Geol:	Jenna Raup	Coordinate System:	
Checked By:	Charles Guder	North:	Not Surveyed
		East:	Not Surveyed
		Vertical Datum:	
		Ground Elevation:	Not Surveyed

DRILLING INFORMATION		GROUND WATER OBSERVATIONS	
Drilling Contractor:	Zebra Environmental	MEASUREMENT	At Time of Drilling
Driller(s):	L. Caballero & J. Garcia	DATE	1/8/2013
Drilling Method:	Geoprobe	DEPTH (ft.bgs.)	16
Equipment/Model:	Track Mounted Geoprobe 6610DT	REFERENCE	Ground Surface
Sampler:	Macrocore	STABILIZATION	

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	MATERIAL DESCRIPTION	VOC SCREENING RESULTS (ppm)
1						0'- 1' Concrete	
2						1'- 1.5' Fine brown SAND with some Gravel. No odor, no staining, dry.	
3	TRC-SB13(1-2.25')		5.0	2.3		1.5'- 2.25' Fine brown SILT with some Gravel. No odor, no staining, dry.	
4							
5							
6						5'- 6' Fine brown SAND with some Silt. No odor, no staining, dry.	
7						6'- 7.75' Coarse brown SAND with trace Gravel. No odor, no staining, dry.	
8			5.0	2.8			
9							
10							
11						10'- 10.5' Fine to coarse brown SAND. No odor, no staining, dry.	
12						10.5'- 11' Fine brown SILT. No odor, no staining, dry.	
13			5.0	3.5		11'- 12' Coarse brown SAND with trace Gravel. No odor, no staining, dry.	
14						12'- 12.5' Fine to medium brown SAND. No odor, no staining, dry.	
15						12.5'- 13.5' Coarse brown SAND with some Gravel. No odor, no staining, dry.	
16						15'- 16' Fine to coarse brown SAND with trace Gravel. No odor, no staining, dry.	
17						16'- 17' Coarse brown SAND with some Gravel. No odor, no staining, wet.	
18	TRC-SB13(15-16')		5.0	5.0		17'- 18' Fine brown SAND and SILT. No odor, no staining, wet.	
19							
20							
21						Bottom of borehole at 20.0 feet.	
22							
23							
24							
25							
26							
27							
28							
29							
30							

Notes:

SOIL BORING WELL COMPLETION WITH NOTES - TRC-STD US.GDT - 3/6/13
NYC-FSS/SHARED/PROJECTS/INCYSCA CONTRACT C000012279195072 - K047 PHASE II REPORT - LOT 11 APPENDIX E - BORING LOGSLOT 11 BORING LOGS.GPJ



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BORING NUMBER: **TRC-SB-14**
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PROJECT INFORMATION		BORING INFORMATION	
Project Name:	Proposed Primary School Site K047	Boring Depth:	20
Project Location:	168 8th Street and 197 9th Street, Brooklyn, NY	Hole Diameter:	
Project Number:	195072.0000.0000	Date Started:	1/9/13
Client:	New York City School Construction Authority	Date Completed:	1/9/13
TRC Eng./Geol:	Jenna Raup	Coordinate System:	
Checked By:	Charles Guder	North:	Not Surveyed
		East:	Not Surveyed
		Vertical Datum:	
		Ground Elevation:	Not Surveyed

DRILLING INFORMATION		GROUND WATER OBSERVATIONS	
Drilling Contractor:	Zebra Environmental	MEASUREMENT	At Time of Drilling
Driller(s):	Q.Brandt & J.Garcia	DATE	1/9/2013
Drilling Method:	Geoprobe	DEPTH (ft.bgs.)	13
Equipment/Model:	Track Mounted Geoprobe GP18	REFERENCE	Ground Surface
Sampler:	Macrocore	STABILIZATION	

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	MATERIAL DESCRIPTION	VOC SCREENING RESULTS (ppm)
1						0'- 1' Concrete	
2						1'- 2' Fine brown SAND and SILT with some coarse Sand. No odor, no staining, dry.	
3	TRC-SB14(1-4')		5.0	5.0		2'- 3' Fine brown SAND with some Gravel. No odor, no staining, dry.	
4						3'- 4' Find to medium SAND with some Gravel. No odor, no staining, dry.	
5						4'- 5' Medium to coarse brown SAND with some Gravel. No odor, no staining, dry.	
6						5'- 7' Coarse brown SAND with some Gravel. No odor, no staining, dry.	
7							
8			5.0	4.0		7'- 7.5' Medium to coarse brown SAND. No odor, no staining, dry.	
9						7.5'- 9' Fine to coarse brown SAND. No odor, no staining, dry.	
10							
11						10'- 11' Medium brown SAND. No odor, no staining, dry.	
12						11'- 11.5' Fine to medium brown SAND. No odor, no staining, dry.	
13	TRC-SB14(10-13')		5.0	3.5		11.5'- 13' Coarse brown SAND with trace Gravel. No odor, no staining, dry.	
14						13'- 13.5' Fine brown SAND and SILT. No odor, no staining, wet.	
15							
16						15'- 19' Coarse brown SAND with some Silt and some fine Sand. No odor, no staining, wet.	
17							
18			5.0	5.0			
19							
20						19'- 20' Find brown Clayey SILT. No odor, no staining, wet.	

Bottom of borehole at 20.0 feet.

Notes:

SOIL BORING WELL COMPLETION WITH NOTES - TRC-STD US.GDT - 3/6/13
NYC-FSS/SHARED/PROJECTS/INCYSCA CONTRACT C000012279195072 - K047 PHASE II REPORT - LOT 11 APPENDIX E - BORING LOGSLOT 11 BORING LOGS.GPJ



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BORING NUMBER: **TRC-SB-15**
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PROJECT INFORMATION						BORING INFORMATION			
Project Name: Proposed Primary School Site K047						Boring Depth: 20 Hole Diameter: _____			
Project Location: 168 8th Street and 197 9th Street, Brooklyn, NY						Date Started: 1/9/13 Date Completed: 1/9/13			
Project Number: 195072.0000.0000						Coordinate System: _____			
Client: New York City School Construction Authority						North: Not Surveyed East: Not Surveyed			
TRC Eng./Geol: Jenna Raup						Vertical Datum: _____ Ground Elevation: Not Surveyed			
Checked By: Charles Guder									
DRILLING INFORMATION						GROUND WATER OBSERVATIONS			
Drilling Contractor: Zebra Environmental						MEASUREMENT	▽ At Time of Drilling	▽ At End of Drilling	▽ After Drilling
Driller(s): Q.Brandt & J.Garcia						DATE	1/9/2013		
Drilling Method: Geoprobe						DEPTH (ft.bgs.)	13.5		
Equipment/Model: Track Mounted Geoprobe GP18						REFERENCE	Ground Surface		
Sampler: Macrocore						STABILIZATION			

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	MATERIAL DESCRIPTION	VOC SCREENING RESULTS (ppm)
1	TRC-SB15(1-3') and TRC-DUP1		5.0	3.0		0'- 0.75' Concrete	
0.75'- 2' Fine to medium brown SAND. No odor, no staining, dry.							
2'- 3' Fine to medium brown SAND with trace Gravel. No odor, no staining, dry.							
6			5.0	3.5		5'- 6' Coarse brown SAND. No odor, no staining, dry.	
6'- 6.5' Fine brown SAND and SILT. No odor, no staining, dry.							
6.5'- 8.5' Coarse brown SAND with some Gravel. No odor, no staining, dry.							
13	TRC-SB15(10-13')		5.0	4.0		10'- 13' Coarse brown SAND with trace Gravel. No odor, no staining, dry.	
13'- 13.5' Medium to coarse brown SAND. No odor, no staining, dry.							
13.5'- 14' Brown Clayey SILT with some Sand. No odor, no staining, wet.							
15'- 17.5' Coarse brown SAND. No odor, no staining, wet.							
18			5.0	5.0		17.5'- 20' Fine brown SAND with some Silt and some coarse brown Sand. No odor, no staining, wet.	
21	Bottom of borehole at 20.0 feet.						
22							
23							
24							
25							
26							
27							
28							
29							
30							

Notes: Soil boring hand cleared to 5' bgs.

SOIL BORING WELL COMPLETION WITH NOTES - TRC-STD US.GDT - 3/6/13
\\NYC-FS3\SHARED\PROJECTS\NYCSCA CONTRACT C00012279195072 - K047 PHASE II\REPORT - LOT 11\APPENDIX E - BORING LOGS\LOT 11 BORING LOGS.GPJ



1430 Broadway, 10th Floor
New York, NY 10018
Telephone: 2122217822

BORING NUMBER: **TRC-SB-16**
Page 1 of 1

PROJECT INFORMATION		BORING INFORMATION	
Project Name:	Proposed Primary School Site K047	Boring Depth:	20
Project Location:	168 8th Street and 197 9th Street, Brooklyn, NY	Hole Diameter:	
Project Number:	195072.0000.0000	Date Started:	1/8/13
Client:	New York City School Construction Authority	Date Completed:	1/8/13
TRC Eng./Geol:	Jenna Raup	Coordinate System:	
Checked By:	Charles Guder	North:	Not Surveyed
		East:	Not Surveyed
		Vertical Datum:	
		Ground Elevation:	Not Surveyed

DRILLING INFORMATION		GROUND WATER OBSERVATIONS	
Drilling Contractor:	Zebra Environmental	MEASUREMENT	At Time of Drilling
Driller(s):	L. Caballero & J. Garcia	DATE	1/8/2013
Drilling Method:	Geoprobe	DEPTH (ft.bgs.)	17
Equipment/Model:	Track Mounted Geoprobe 6610DT	REFERENCE	Ground Surface
Sampler:	Macrocore	STABILIZATION	

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	MATERIAL DESCRIPTION	VOC SCREENING RESULTS (ppm)
1						0'- 0.5' Concrete	
2						0.5'- 1.5' Fine to medium brown SAND with trace Gravel. No odor, no staining, dry.	
3	TRC-SB16(1-3')		5.0	3.0		1.5'- 3' Fine brown SAND with some Silt and trace Gravel. No odor, no staining, dry.	
4							
5							
6						5'- 7' Fine to medium brown SAND with some Silt and trace Gravel. No odor, no staining, dry.	
7							
8			5.0	3.5		7'- 8.25' Fine brown SAND with some Silt and some Gravel. No odor, no staining, dry.	
9						8.25'- 8.5' Medium to coarse brown SAND. No odor, no staining, dry.	
10							
11						10'- 12' Fine to coarse brown SAND, some Gravel. No odor, no staining, dry.	
12							
13			5.0	4.0		12'- 14' Coarse brown SAND with trace Gravel. No odor, no staining, dry.	
14							
15							
16						15'- 16.5' Coarse brown SAND with some Gravel. No odor, no staining, dry.	
17							
18	TRC-SB16(15-17')		5.0	4.5		16.5'- 17' Coarse brown SAND, trace Gravel. No odor, no staining, dry.	
19						17'- 18' Fine brown Clayey SILT, some Sand. No odor, no staining, wet.	
20						18'- 19.5' Coarse brown SAND. No odor, no staining, wet.	

Bottom of borehole at 20.0 feet.

Notes:

SOIL BORING WELL COMPLETION WITH NOTES - TRC-STD US.GDT - 3/6/13
NYC-FSS/SHARED/PROJECTS/INYS/CA CONTRACT C00012279195072 - K047 PHASE II/REPORT - LOT 11/APPENDIX E - BORING LOGS/LOT 11 BORING LOGS.GPJ