155 3RD STREET
BROOKLYN, NEW YORK
SPILL #11-11444

REMEDIAL ACTION COMPLETION REPORT

Submitted To:

New York State Department of Environmental Conservation
Division of Environmental Remediation
NYSDEC Region 2
47-40 21st Street
Long Island City, New York 11101-5401

Prepared For:

155 3rd Street, LLC
155 3rd Street
Brooklyn, New York 11231

Prepared By:

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PWGC Project Number: MON1202

JUNE 2012

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FIGURES

APPENDICES

1.0 INTRODUCTION

This Remedial Action Completion Report (RACR) has been prepared by P.W. Grosser Consulting Inc. (PWGC), on behalf of 155 3rd Street, LLC, for the 155 3rd Street Site. This report documents the results of the remedial activities performed at the above referenced property. The scope of work was based upon the Remedial Investigation Report (RIR) / Remedial Action Plan (RAP) prepared by PWGC in March 2012, and the requirements of the New York State Department of Environmental Conservation (NYSDEC) for the subject property.

2.0 SITE DESCRIPTION AND BACKGROUND

2.1 Site Description

The subject site is located at 155 3rd Street in Brooklyn, New York (**Figure1**). The site is identified as Tax Block 462, Lot 14. The site is approximately 1.06 acres and is developed with a paved parking lot, a one story office building, and a partially paved storage area. The eastern edge of the property borders the Gowanus Canal. The property is currently being utilized as a commercial office building, parking, and storage for construction materials. The area of concern is a small area in the southeast portion of the site, approximately 200-square feet in size (**Figure 2**).

2.2 Site History

Light non-aqueous phase liquid (LNAPL) was identified during a Phase II ESA that was performed at the site in 2011. A few drops of LNAPL were observed in one of the eight soil borings (SB-6/MW-6) at the soil/water table interface. Based upon the findings, the NYSDEC was notified and Spill No. 11-11444 was assigned to the site.

On January 4, 2012, the NYSDEC submitted a letter to 155 3rd Street, LLC requiring further investigation in regards to Spill No. 11-11444. The NYSDEC required that a remedial investigation be performed to confirm the extent of LNAPL identified in SB-6/MW-6.

To address the NYSDEC request, a remedial investigation was performed at the site in March of 2012 by PWGC. The remedial investigation included the installation of step-out borings from the boring location where LNAPL was previously identified, groundwater monitoring, and the collection of a groundwater sample from the monitoring well where LNAPL was observed in the soil boring. Results of the remedial investigation identified LNAPL in one of the step-out soil borings at the identical depth as the historical boring. None of the additional step-out borings contained LNAPL. Soil and groundwater analytical results identified that the LNAPL appears to be bound in the soil and is not impacting the groundwater at the site. LNAPL impact was limited to the five to six foot bgs interval and encompasses an area approximately 20 feet in length by 10 feet in width (**Figure 2**).

In March of 2012 a RAP was submitted to the NYSDEC to address the findings of the remedial investigation. The selected remedy detailed in the RAP included removal of the source area by excavation. Since the extent of soil impact was delineated during the remedial investigation, endpoint soil samples were not recommended. A groundwater sample was proposed to be collected from the excavation to confirm that groundwater was not impacted. The RAP was approved by the NYSDEC in an April 19, 2012 email correspondence.

3.0 DESCRIPTION OF REMEDIAL ACTIONS PERFORMED

Remedial activities completed at the Site were conducted in accordance with the NYSDEC-approved RAP, March 2012.

3.1 Contaminated Materials Removal

The remedial action for the site included the removal of the impacted soils. These soils were identified by the previous investigations to be located within the approximately 200-square foot area identified on **Figure 2**. Vertically, the soils were located from five feet below grade to six feet below grade.

3.1.1 Soil Removal

On May 23 through June 7, 2012, PWGC and their subcontractor, PAL Environmental Safety Corporation (PAL), performed remedial activities. PAL utilized a concrete saw and jackhammers to cut out a 20 foot by 10 foot rectangle out of the remedial area. Concrete was loaded into dump trucks and transported to a recycling facility. Following the removal of concrete, a backhoe was utilized to remove soils from the remedial area. A PWGC hydrogeologist was on-site during excavation activities to field-screen soils. Soils were screened utilizing a PID to detect VOCs. Soils which exhibited an elevated PID response were staged on-site and wrapped in plastic sheeting. Soils determined to be clean overburden were staged separately. LNAPL was not observed during remedial efforts.

PWGC collected a waste characterization sample from the impacted soil stockpile. Based upon the analytical results, impacted soils were classified as non-hazardous. Impacted soils were loaded into dump trucks and transported by PAL to Clean Earth in Carteret, New Jersey. A total of 15.45 tons of material were transported. Letters from Applicants to disposal facility owners and acceptance letters from disposal facility owners are attached in **Appendix B**. Manifests and bills of lading are included in **Appendix C**.

3.1.2 Endpoint Sampling

Following the completion of the excavation, a groundwater sample was collected to document the effectiveness of the remediation. A temporary monitoring well was installed in the center of the excavation. At this location, dedicated tubing was inserted into the monitoring well and connected to a peristaltic pump. Three casing volumes of groundwater were purged from the temporary well prior to sample collection. Groundwater samples were poured into pre-cleaned laboratory supplied glassware and submitted to Environmental Quality Services (EQS) of Farmingdale, New York for analysis of VOCs by USEPA Method 8260 and SVOCs by USEPA Method 8270.

3.1.3 Analytical Results

Groundwater analytical results were compared to the NYSDEC ambient water quality standards (AWQS) as specified in the Technical Operation and Guidance Series (TOGS 1.1.1) guidance documents dated June 1998 and its addendum dated April 2000.

VOCs and SVOCs were not detected above laboratory method detection limits (MDLs) in the groundwater sample. Laboratory analytical reports are included as **Appendix D**.

3.2 Site Restoration

The excavation below a depth of 5' below grade was backfilled with 3/4" diameter gravel in order to meet compaction specifications below and in the vicinity of the water table. Following the installation of gravel beneath the water table, the remainder of the excavation was backfilled with clean overburden material that was stockpiled onsite.

A photo log documenting the remedial activities is included as **Appendix E**.

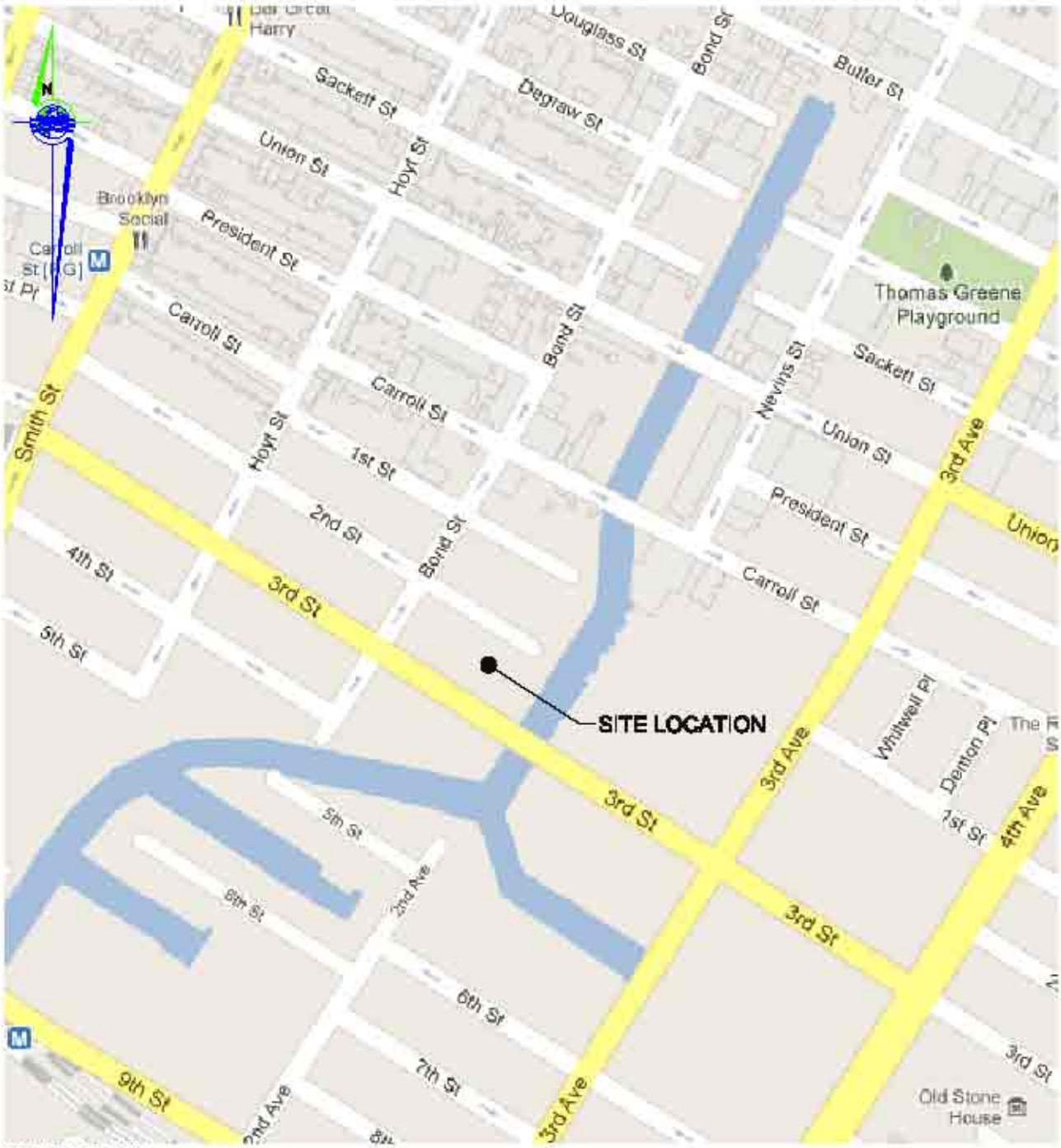
4.0 CONCLUSIONS AND RECOMMENDATIONS

The Site was remediated in accordance with the NYSDEC-approved RAP, March 2012.

A total of 15.45 tons of petroleum impacted soil was removed from the identified source area and disposed of properly offsite. Groundwater analytical data from the remedial excavation was non-detect for both VOCs and SVOCs indicating the remedial effort was effective in removing the LNAPL bound in the soil.

Based on the results of the remedial action, the LNAPL located at the site that required remedial action has been addressed in accordance with applicable NYSDEC requirements. PWGC recommends closure of Spill # 11-11444.

FIGURES



AERIAL IMAGE FROM GOOGLE MAPS.

VICINITY MAP

155 3rd STREET, BROOKLYN, NY

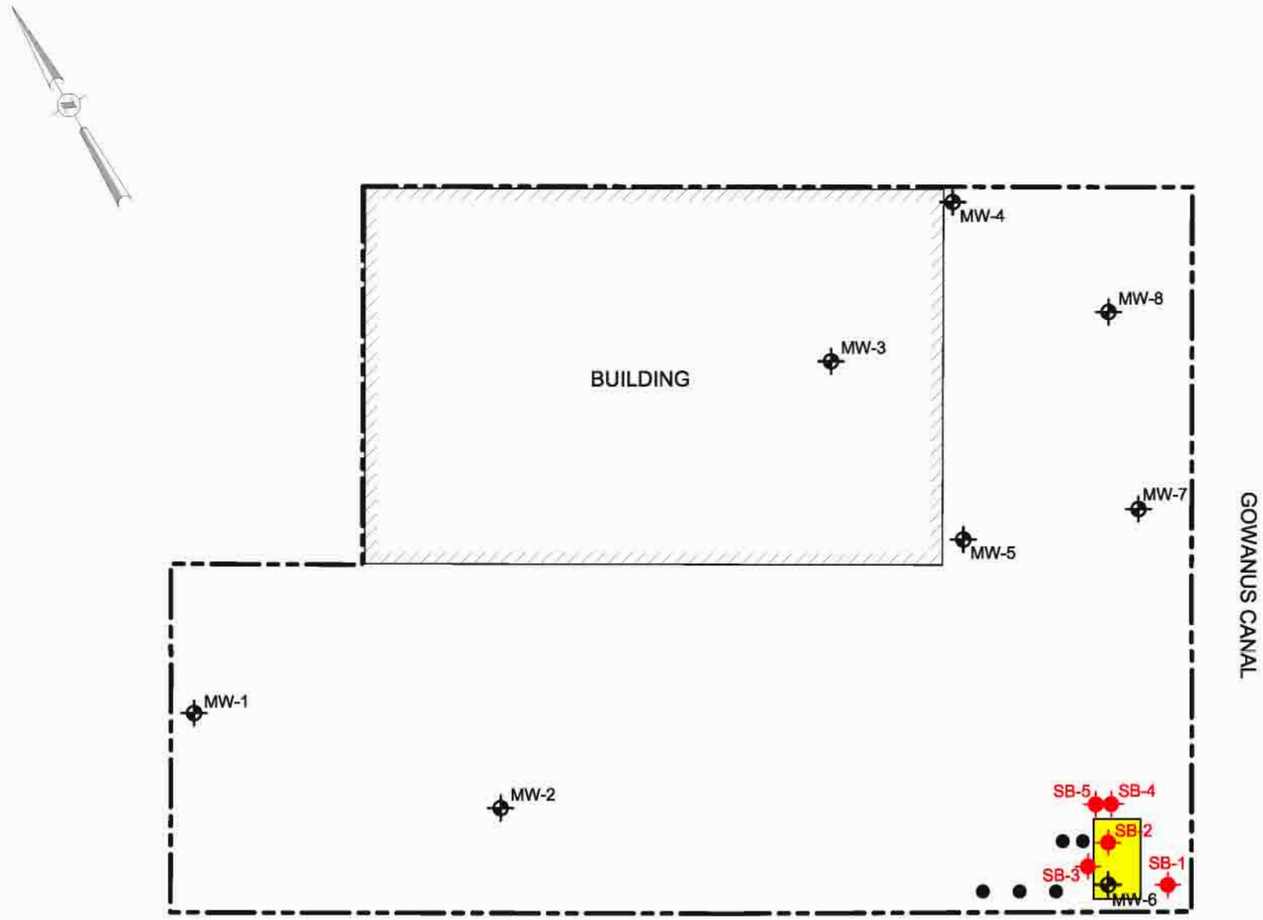
SCALE: 1" = 500'

0 500 1,000

SCALE: 1" = 500'

PWGC

Project:	MON12231
Designed by:	DNE
Approved by:	-
Drawn by:	MK
Date:	01/26/12
Figure No:	1



LEGEND

- MW-1 — ELM MONITORING WELL
- SOIL BORING LOCATIONS
- PROPERTY LINE
- REFUSAL LOCATION
- EXTENT OF LNAPL

SITE PLAN

SCALE: 1" = 40'

0 40 80

SCALE: 1" = 40'

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DESIGNED BY:	DNE	DATE:	03/13/12
DRAWN BY:	MK	SCALE:	AS SHOWN

SHEET TITLE

EXTENT OF LNAPL

155 3rd STREET
BROOKLYN, NY

FIGURE NO 4

SHEET 4 OF 4

J:\Projects M-RMON\Work Plan\CAD\Figure 4 Extent of LNAPL.dwg (Layout1) Mar 13,2012-9:17am By: kurzweil

APPENDIX A

155 3RD STREET
BROOKLYN, NEW YORK
SPILL #11-11444

REMEDIAL INVESTIGATION REPORT / REMEDIAL ACTION PLAN

Submitted To:

New York State Department of Environmental Conservation
Division of Environmental Remediation
NYSDEC Region 2
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MARCH 2012

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1.0 INTRODUCTION

1.1 Purpose and Scope

P.W. Grosser Consulting, Inc. (PWGC) has prepared the following Remedial Investigation Report (RIR) / Remedial Action Plan (RAP) on behalf of 155 3rd Street, LLC to document the investigation activities performed at the site located at 155 3rd Street in Brooklyn, New York.

The scope of the investigation was based upon the Sub-Surface Investigation Work Plan (SSIWP) prepared by PWGC. The objectives were to confirm the presence/absence of a light non-aqueous phase liquid (LNAPL) identified during a Phase II Environmental Site Assessment (ESA) performed in 2011. The SSIWP was approved by the New York State Department of Environmental Conservation (NYSDEC) in an email correspondence on February 24, 2012.

1.2 Site Location and Description

The subject site is located at 155 3rd Street in Brooklyn, New York. The site is identified as Tax Block 462, Lot 14. The site is approximately 1.06 acres and is developed with a paved parking lot, a one story office building, and a partially paved storage area. The eastern edge of the property borders the Gowanus Canal. The property is currently being utilized as a commercial office building, parking, and storage for construction materials. A Vicinity Map is included as **Figure 1**; a Site Plan is included as **Figure 2**.

1.3 Site History

LNAPL was identified during a Phase II ESA that performed at the site in 2011. A few drops of LNAPL were observed in one of the eight soil borings (SB-6/MW-6) at the soil/water table interface. Based upon the findings, the NYSDEC was notified and Spill No. 11-11444 was assigned to the site.

On January 4, 2012, the NYSDEC submitted a letter to 155 3rd Street, LLC requiring further investigation in regards to Spill No. 11-11444. The NYSDEC required that a subsurface investigation be performed to confirm the absence/presence of LNAPL identified in SB-6/MW-6. A SSIWP would need to be submitted for approval by the NYSDEC.

2.0 FIELD INVESTIGATION

The scope of work was based on the requirements of the NYSDEC as promulgated in a letter dated January 4, 2012 and the NYSDEC approved SSIWP. The scope of work is as follows:

- Sub-surface Soil Sampling to delineate extent of LNAPL around SB-6/MW-6,
- Groundwater monitoring to determine groundwater flow direction, and
- Groundwater sampling of MW-6 to determine groundwater quality in the location of the observed LNAPL.

2.1 Sub-Surface Soil Sampling

In order to confirm the presence/absence of LNAPL in SB-6, three step-out borings around SB-6/MW-6 were performed. Based upon field observations, an additional two step-out borings were performed. The soil boring locations are identified on **Figure 2**.

2.1.1 Sampling Protocol

At each soil boring location, soil samples were collected using a track mounted Geoprobe™ unit. At each accessible location, soil samples were advanced continuously from grade to a depth of approximately four feet below the groundwater table where refusal was not encountered. Multiple refusals were encountered at the surface to the west of MW-6 and at four feet at SB-4. Soil borings were relocated until the appropriate depth could be reached. Soil samples were classified using the Unified Soil Classification System (USCS) and screened in the field for the presence of VOCs using a PID. PID responses above background levels were observed in two of the five soil borings. PID readings ranged from non-detect in SB-1 to 190 ppm in SB-2. PID readings were typically highest at the water table interface and decreased with depth. A few droplets of LNAPL were observed in SB-2 from five to six feet bgs at the soil/water interface. This depth correlates to the depth where LNAPL was observed in the MW-6 location. LNAPL was not observed in any of the additional soil borings. Soil boring logs are included in **Appendix A**. Where petroleum impact was present, soils samples were collected from the most impacted interval and the deepest visually clean sample. Where petroleum was not present, a soil sample was collected from the water table interface.

Samples were placed in pre-cleaned, laboratory-supplied glassware provided by Alpha Analytical (Alpha). Samples were packed in coolers with ice and shipped to Alpha under chain-of-custody seal. These samples were analyzed for VOCs according to USEPA Method 8260 and SVOCs according to USEPA Method 8270.

2.1.2 Analytical Results

Soil analytical results were compared to the NYSDEC Part 375 and CP-51 UUSCOs.

As shown on **Table 1**, several VOCs were detected. All of the detections were below NYSDEC UUSCOs. As shown on **Table 2**, several SVOCs were detected above laboratory reporting limits. SVOC slightly exceeded the NYSDEC UUSCOs in two of the six samples. The SVOCs detected are typical of urban fill material and given the low concentrations; a petroleum source is not likely. SVOCs did not exceed NYSDEC UUSCOs in the sample interval where LNAPL was observed in SB-2. Based on these results, there is no correlation of the SVOCs detected to the presence of LNAPL. Laboratory Analytical Reports are included in **Appendix B**.

2.2 Groundwater Monitoring

Groundwater monitoring of the wells was performed to determine groundwater flow direction at the site, confirm that LNAPL was not present in the wells, and to characterize groundwater in the problem well. Groundwater monitoring consisted of collecting and recording depth to water, depth to product, product thickness, and total well depth measurements for the eight existing groundwater monitoring wells at the site. Water levels were collected using a Solinst Oil / Water Interface Probe or equivalent. LNAPL was not identified in the monitoring wells. **Figure 3** depicts groundwater flow to be in an east-southeast direction towards the Gowanus Canal.

2.3 Groundwater Sampling

In order to determine groundwater quality in MW-6, where LNAPL was historically observed in soil, a groundwater sample was collected on March 1, 2012. Groundwater analytical results were compared to the NYSDEC AWQS as specified in the Technical Operation and Guidance Series (TOGS 1.1.1) guidance documents dated June 1998 and its addendum dated April 2000.

2.3.1 Sampling Protocol

Prior to sampling, MW-6 was purged of 3-5 casing volumes using a decontaminated submersible pump. During purging, the groundwater parameters pH, temperature, and conductivity were monitored. Upon collection, groundwater samples were placed in pre-cleaned laboratory supplied glassware and packed in a cooler on ice and delivered to Alpha under chain-of-custody seal.

The sample was analyzed for the presence of VOCs by EPA method 8260 and SVOCs by EPA method 8270.

2.3.2 Analytical Results

As shown on **Table 3**, several VOCs were detected above laboratory method detection limits but below the laboratory reporting limits and qualified as estimated. All of the estimated detections were below NYSDEC AWQS.

As shown on **Table 4**, several SVOC were detected above NYSDEC AWQS. The compounds detected have low NYSDEC AWQS and may be attributed to historic fill material that was encountered throughout the site.

Laboratory analytical reports are included as **Appendix B**.

3.0 CONCLUSIONS

A subsurface investigation was performed at the site in order to confirm the presence/absence of LNAPL that was observed during a previous investigation. The subsurface investigation included the installation of step-out borings from the boring location where LNAPL was previously identified, groundwater monitoring, and the collection of a groundwater sample from the monitoring well where LNAPL was observed in the soil boring.

Results of the subsurface investigation identified LNAPL in one of the step-out soil borings at the identical depth as the historical boring. None of the additional step-out borings contained LNAPL. Soil and groundwater analytical results identified that the LNAPL appears to be bound in the soil and is not impacting the groundwater at the site. LNAPL impact is limited to the five to six foot interval bgs and encompasses an area approximately 20 feet in length by 10 feet in width. The VOCs and SVOCs detected across the site do not appear to be correlated to the LNAPL identified and are likely attributed to historical fill material and/or offsite sources.

4.0 REMEDIAL ACTION

Based upon the findings of the SSI, LNAPL was identified in one of the step-out borings and appears to be limited to a small area, twenty feet in length by ten feet in width and at a depth from five to six feet bgs (**Figure 4**), along the southeastern corner of the property.

Removal of the source area will be performed at the site to reduce the contaminants in the subsurface.

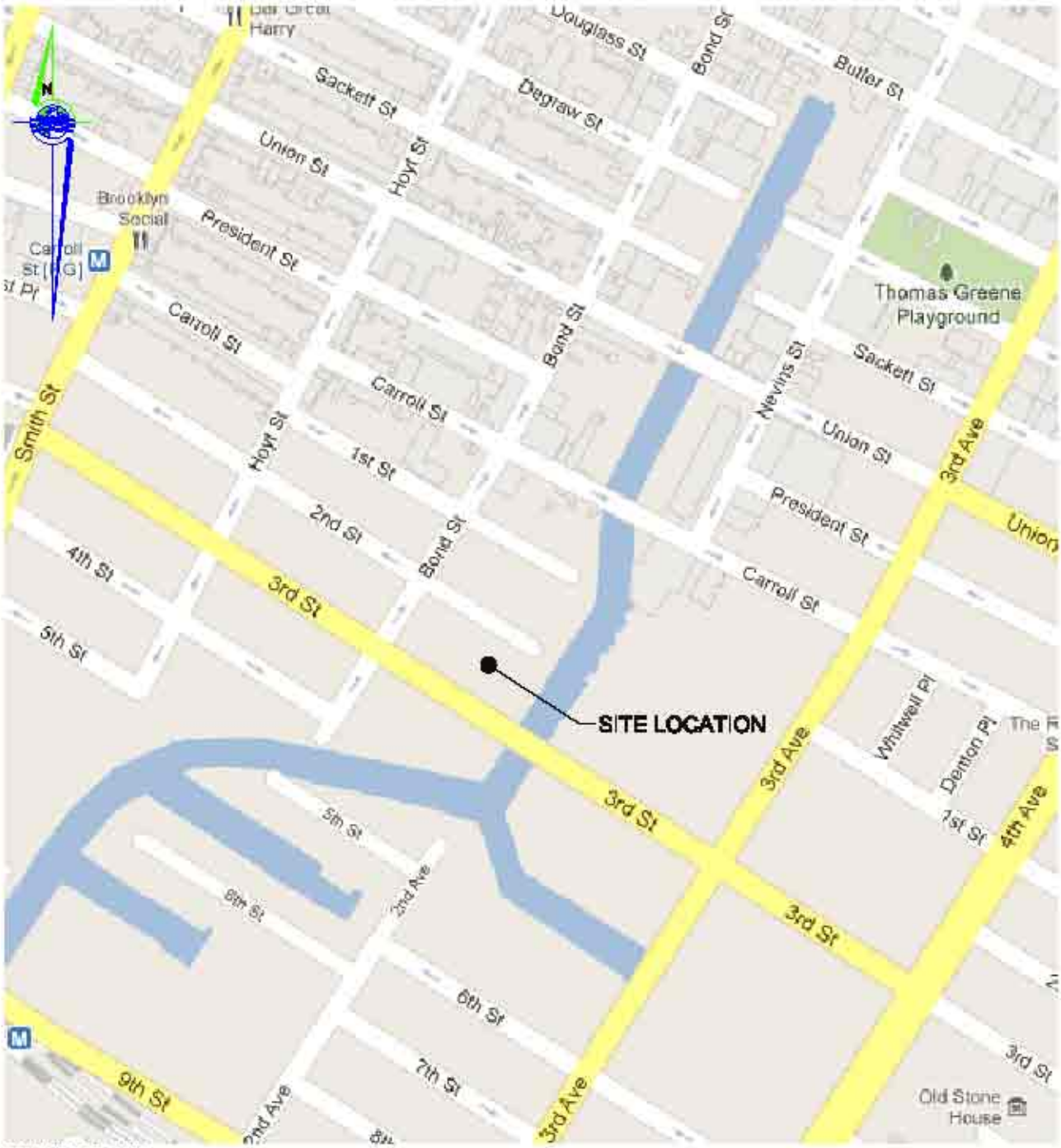
4.1 Excavation

In order to remove LNAPL that is bound in the saturated soils, soils at the soil/water table interface will be removed. The area is approximately 20 feet in length by 10 feet in width (**Figure 4**). Soils will be removed to approximately one foot below the water table at approximately 6 feet bgs. This will allow for the source area to be affectively removed. A PWGC hydrogeologist will be on-site during excavation activities to field-screen soils and determine if the excavation needs to be extended. Soils will be screened utilizing a PID to detect VOCs. Soils which exhibit an elevated PID response will be staged on-site, wrapped in plastic sheeting pending proper disposal. Soils determined to be clean overburden will be staged separately, to be used as backfill upon completion of the excavation. If floating petroleum product is encountered during excavation activities, it will be removed by utilizing sorbent pads and/or a vacuum truck. Following the completion of the excavation, a groundwater sample will be collected and analyzed for VOCs by USEPA Method 8260 and SVOCs by USEPA Method 8270. Should groundwater analytical results indicate water quality similar to that seen throughout the site, the excavation will be backfilled.

4.2 Reporting

Following the remediation, a Remedial Action Report will be prepared and submitted to the NYSDEC. Conclusions and recommendations will be provided and submitted to the NYSDEC for review. The report will document the remediation and discuss analytical results with conclusions and recommendations.

FIGURES



AERIAL IMAGE FROM GOOGLE MAPS.

VICINITY MAP

155 3rd STREET, BROOKLYN, NY

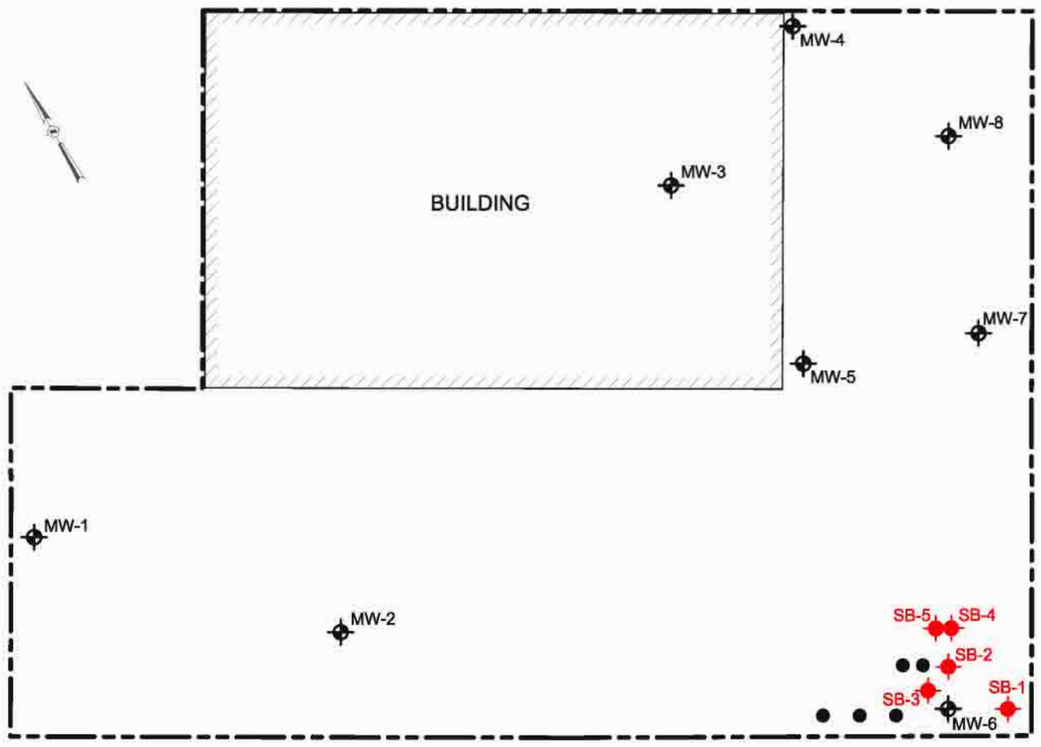
SCALE: 1" = 500'

0 500 1,000

SCALE: 1" = 500'

PWGC

Project:	MON12231
Designed by:	DNE
Approved by:	-
Drawn by:	MK
Date:	01/26/12
Figure No:	1



LEGEND

- MW-1 — ELM MONITORING WELL
- SOIL BORING LOCATIONS
- PROPERTY LINE
- REFUSAL LOCATION

SITE PLAN

SCALE: 1" = 40'

0 40 80

SCALE: 1" = 40'

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REVISION	DATE	INITIAL	COMMENTS

DRAWING INFORMATION

PROJECT:	MQN1201	APPROVED BY:	-
DESIGNED BY:	DNE	DATE:	02/08/12
DRAWN BY:	MK	SCALE:	AS SHOWN

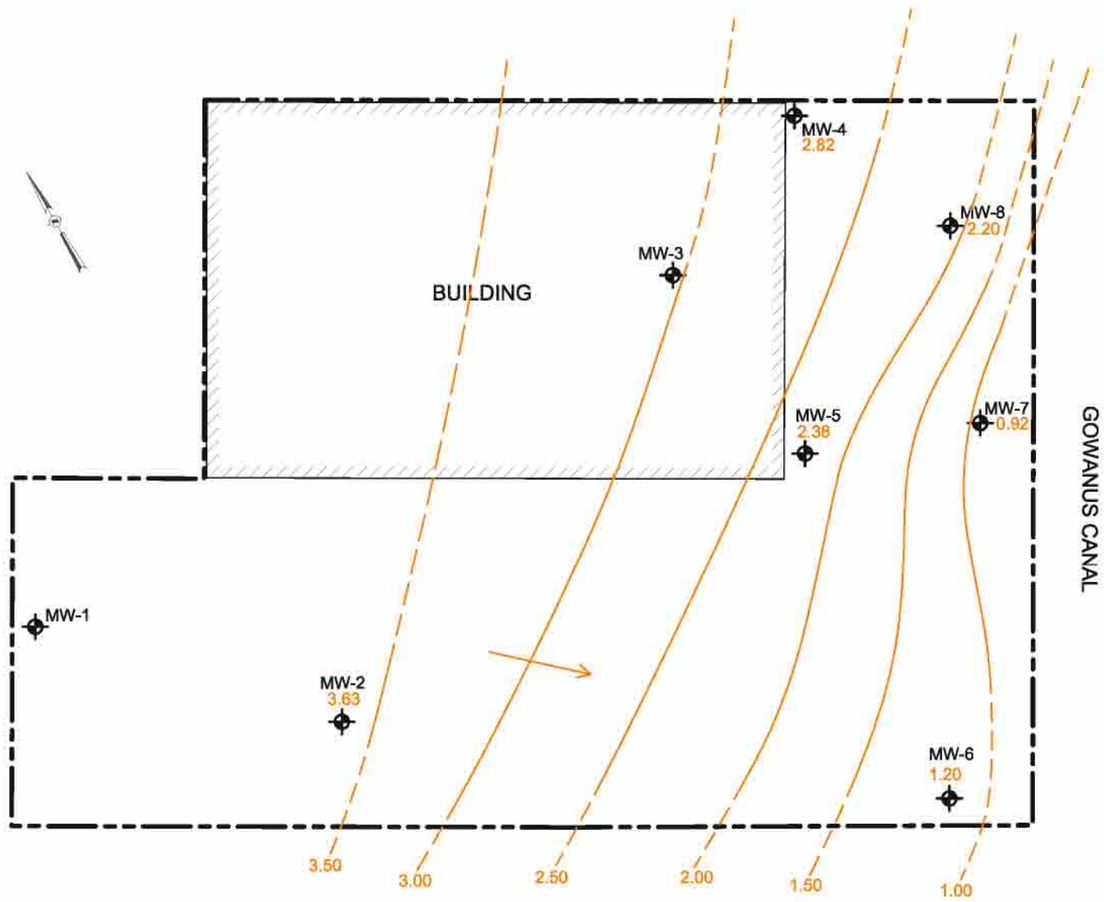
SHEET TITLE

SOIL BORING LOCATIONS

155 3rd STREET
BROOKLYN, NY

FIGURE NO 2

SHEET 2 OF 3



LEGEND

- MW-1 — ELM MONITORING WELL
- 3.45 — GROUNDWATER ELEVATION
- PROPERTY LINE
- GROUNDWATER FLOW DIRECTION
- INFERRED GROUNDWATER CONTOUR
- MEASURED GROUNDWATER CONTOUR

SITE PLAN

SCALE: 1" = 40'

0 40 80

SCALE: 1" = 40'

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REVISION	DATE	INITIAL	COMMENTS

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DESIGNED BY:	DNE	DATE:	02/09/12
DRAWN BY:	MK	SCALE:	AS SHOWN

SHEET TITLE

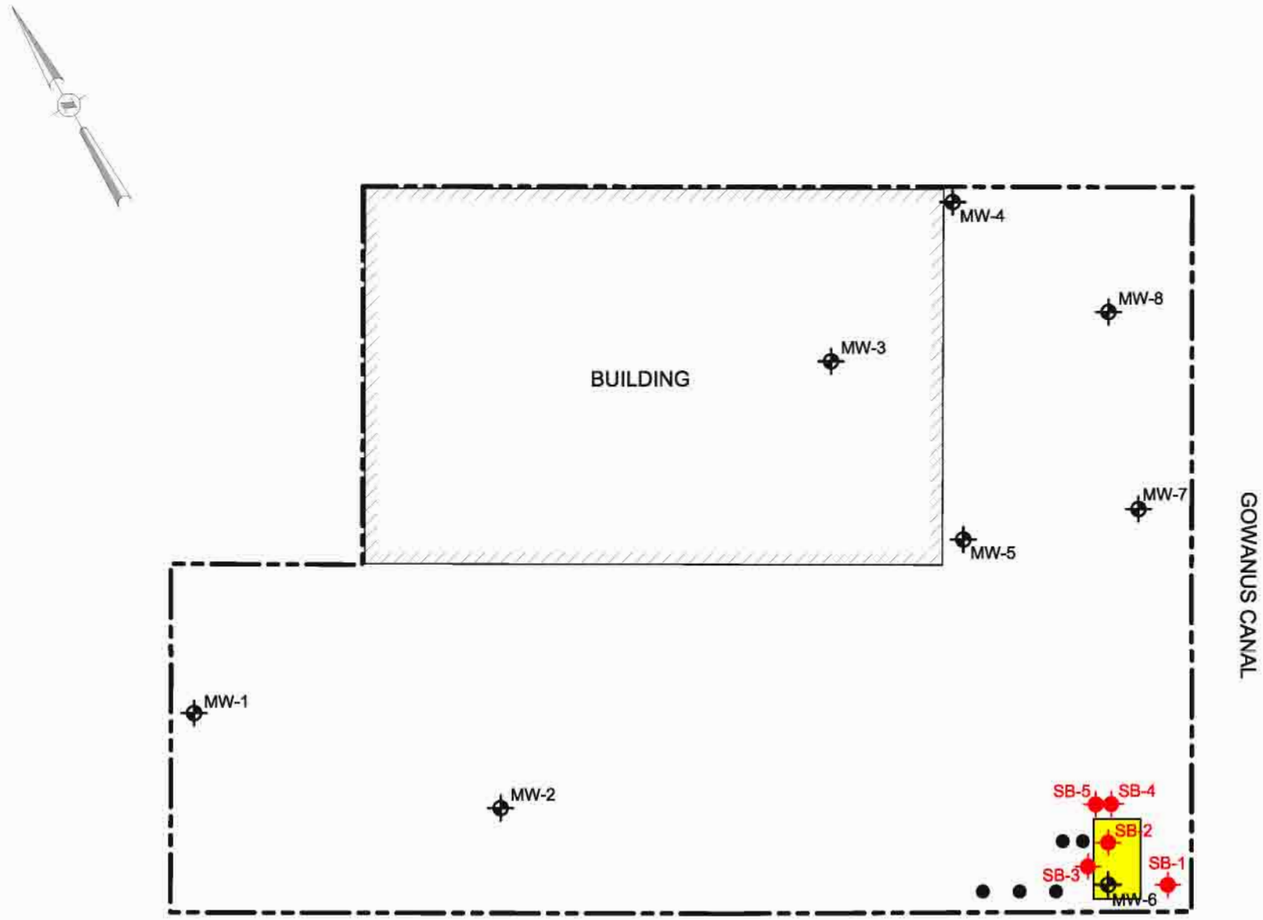
GROUNDWATER CONTOUR MAP

155 3rd STREET
BROOKLYN, NY

FIGURE NO 3

SHEET 3 OF 3

J:\Projects M-R\MON\Work Plan\CAD\Figure 3 Groundwater Contour Map.dwg (Layout1) Mar 08,2012-9:52am By: kurzweil



LEGEND

- MW-1 — ELM MONITORING WELL
- SOIL BORING LOCATIONS
- PROPERTY LINE
- REFUSAL LOCATION
- EXTENT OF LNAPL

SITE PLAN

SCALE: 1" = 40'

0 40 80

SCALE: 1" = 40'

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REVISION	DATE	INITIAL	COMMENTS

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PROJECT:	MON1201	APPROVED BY:	-
DESIGNED BY:	DNE	DATE:	03/13/12
DRAWN BY:	MK	SCALE:	AS SHOWN

SHEET TITLE

EXTENT OF LNAPL

155 3rd STREET
BROOKLYN, NY

FIGURE NO 4

SHEET 4 OF 4

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TABLES

Table 1

Analytical Results for Sub-surface Soil - Volatile Organic Compounds (EPA Method 8260)

155 3rd Street - Brooklyn, New York

Client Sample ID: Sample Depth: Laboratory ID: Sampling Date:	NYSDEC Soil Cleanup Objectives Unrestricted Use	SB-1 5-5.5' L1203659-01 3/1/2012	SB-1 5.5-9.5' L1203659-02 3/1/2012	SB-2 2-5' L1203659-03 3/1/2012	SB-2 5.5-6.5' L1203659-04 3/1/2012	SB-3 5-6' L1203659-06 3/1/2012	SB-5 5-10' L1203659-07 3/1/2012
Volatile Organic Compounds - USEPA Method 8260 - ug/kg							
1,1,1,2-Tetrachloroethane	NS	3 U	3.8 U	3 U	680 U	12 U	2.9 U
1,1,1-Trichloroethane	680	3 U	3.8 U	3 U	680 U	12 U	2.9 U
1,1,2,2-Tetrachloroethane	NS	3 U	3.8 U	3 U	680 U	12 U	2.9 U
1,1,2 Trichloroethane	NS	4.6 U	5.8 U	4.5 U	1,000 U	17 U	4.4 U
1,1 Dichloroethane	270	4.6 U	5.8 U	4.5 U	1,000 U	17 U	4.4 U
1,1 Dichloroethene	330	3 U	3.8 U	3 U	680 U	12 U	2.9 U
1,1-Dichloropropene	NS	15 U	19 U	15 U	3,400 U	58 U	15 U
1,2,3-Trichlorobenzene	NS	15 U	19 U	15 U	3,400 U	58 U	15 U
1,2,3-Trichloropropane	NS	30 U	38 U	30 U	6,800 U	120 U	29 U
1,2,4,5-Tetramethylbenzene	NS	12 U	15 U	12 U	1,700 J	46 U	12 U
1,2,4-Trichlorobenzene	NS	15 U	19 U	15 U	3,400 U	58 U	15 U
1,2,4-Trimethylbenzene	3,600	15 U	19 U	15 U	3,400 U	58 U	15 U
1,2 Dibromo 3 chloropropane	NS	15 U	19 U	15 U	3,400 U	58 U	15 U
1,2 Dibromoethane	NS	12 U	15 U	12 U	2,700 U	46 U	12 U
1,2 Dichlorobenzene	1,100	15 U	19 U	15 U	3,400 U	58 U	15 U
1,2 Dichloroethane	20[c]	3 U	3.8 U	3 U	680 U	12 U	2.9 U
1,2 Dichloropropane	NS	11 U	13 U	10 U	2,400 U	41 U	10 U
1,3,5-Trimethylbenzene	8,400	15 U	19 U	15 U	3,400 U	58 U	15 U
1,3 Dichlorobenzene	2,400	15 U	19 U	15 U	3,400 U	58 U	15 U
1,3-Dichloropropane	NS	15 U	19 U	15 U	3,400 U	58 U	15 U
1,4 Dichlorobenzene	1,800	15 U	19 U	15 U	3,400 U	58 U	15 U
p-Diethylbenzene	NS	12 U	15 U	12 U	2,700 U	46 U	12 U
2,2-Dichloropropane	NS	15 U	19 U	15 U	3,400 U	58 U	15 U
2-Butanone / Methyl Ethyl Ketone	120	30 U	38 U	30 U	6,800 U	120 U	29 U
2-Hexanone	NS	30 U	38 U	30 U	6,800 U	120 U	29 U
4-Ethyltoluene	NS	12 U	15 U	12 U	2,700 U	46 U	12 U
4-Methyl-2-pentanone	NS	30 U	38 U	30 U	6,800 U	120 U	29 U
Acetone	50	30 U	38 U	30 U	6,800 U	120 U	29 U
Acrylonitrile	NS	30 U	38 U	30 U	6,800 U	120 U	29 U
Benzene	60	3 U	3.8 U	3 U	680 U	12 U	2.9 U
Bromobenzene	NS	15 U	19 U	15 U	3,400 U	58 U	15 U
Bromochloromethane	NS	15 U	19 U	15 U	3,400 U	58 U	15 U
Bromodichloromethane	NS	3 U	3.8 U	3 U	680 U	12 U	2.9 U
Bromoform	NS	12 U	15 U	12 U	2,700 U	46 U	12 U
Bromomethane	NS	6.1 U	7.7 U	6 U	1,400 U	23 U	5.9 U
Carbon Disulfide	NS	30 U	38 U	30 U	6,800 U	120 U	29 U
Carbon Tetrachloride	760	3 U	3.8 U	3 U	680 U	12 U	2.9 U
Chlorobenzene	1,100	3 U	3.8 U	3 U	680 U	12 U	2.9 U
Chloroethane	NS	6.1 U	7.7 U	6 U	1,400 U	23 U	5.9 U
Chloroform	370	4.6 U	5.8 U	4.5 U	1,000 U	17 U	4.4 U
Chloromethane	NS	15 U	19 U	15 U	3,400 U	58 U	15 U
c-1,2-Dichloroethene	250	3 U	3.8 U	3 U	680 U	12 U	2.9 U
c-1,3-Dichloropropene	NS	3 U	3.8 U	3 U	680 U	12 U	2.9 U
Dibromochloromethane	NS	3 U	3.8 U	3 U	680 U	12 U	2.9 U
Dibromoethane	NS	30 U	38 U	30 U	6,800 U	120 U	29 U
Dichlordifluoromethane	NS	30 U	38 U	30 U	6,800 U	120 U	29 U
Ethyl ether	NS	15 U	19 U	15 U	3,400 U	58 U	15 U
Ethyl Benzene	1,000	3 U	3.8 U	3 U	680 U	12 U	2.9 U
Hexachlorobenzene	330[b]	15 U	19 U	15 U	3,400 U	58 U	15 U
Isopropylbenzene	2,300	3 U	3.8 U	3 U	1,000	12 U	2.9 U
ter.ButylMethylEther	930	6.1 U	7.7 U	6 U	1,400 U	23 U	5.9 U
Methylene Chloride	50	3.2 J	3.6 J	2.4 J	1,900 J	120 U	29 U
n-Butylbenzene	12,000	3 U	3.8 U	3 U	550 J	12 U	2.9 U
n-Propylbenzene	3,900	3 U	3.8 U	3 U	1,100	12 U	2.9 U
Naphthalene	12,000	15 U	19 U	15 U	3,400 U	58 U	15 U
o-Chlorotoluene	NS	15 U	19 U	15 U	3,400 U	58 U	15 U
o Xylene	260	6.1 U	7.7 U	6 U	1,400 U	23 U	5.9 U
p-Chlorotoluene	NS	15 U	19 U	15 U	3,400 U	58 U	15 U
p-Isopropyltoluene	10,000	3 U	3.8 U	3 U	680 U	12 U	2.9 U
m + p Xylene	260	6.1 U	7.7 U	6 U	1,400 U	5 J	5.9 U
sec-Butylbenzene	11,000	3 U	3.8 U	3 U	1,200	12 U	2.9 U
Styrene	NS	6.1 U	7.7 U	6 U	1,400 U	23 U	5.9 U
tert-Butylbenzene	5,900	15 U	19 U	15 U	3,400 U	58 U	15 U
Tetrachloroethene	1,300	3 U	3.8 U	3 U	680 U	12 U	2.9 U
Toluene	700	4.6 U	5.8 U	4.5 U	1,000 U	17 U	4.4 U
t-1,2-Dichloroethene	190	4.6 U	5.8 U	4.5 U	1,000 U	17 U	4.4 U
t-1,3-Dichloropropene	NS	3 U	3.8 U	3 U	680 U	12 U	2.9 U
t-1,4-Dichloro-2-butene	NS	15 U	19 U	15 U	3,400 U	58 U	15 U
Trichloroethene	470	3 U	3.8 U	3 U	680 U	12 U	2.9 U
Trichlorofluoromethane	NS	15 U	19 U	15 U	3,400 U	58 U	15 U
Vinyl acetate	NS	30 U	38 U	30 U	6,800 U	120 U	29 U
Vinyl Chloride	20	6.1 U	7.7 U	6 U	1,400 U	23 U	5.9 U

Notes:

(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Unrestriced Use of Soil Cleanup Objective Table 375-6.8a 12/06

NS - No Standard

U - The analyte was analyzed for, but was not detected above the reported sample quantification limit. The assocaited numerical value is the sample quantitation limit.

Highlighted text denotes concentrations exceeding NYSDEC Unrestricted Use SCO

a - The SCOs for unrestricted use were capped at a maximum value of 100 ppm.

b - For constituents where the calculated SCO was lower than the contract required quantitation limit (CRQL), the CRQL is used as the Track 1 SCO.

c - For constituents where the calculated SCO was lower than the rural soil background concentration, as determined by the Department and Department of Health rural soil survey, the rural soil background concentrationis used as the Track1 SCO value for this use of the site.

d - SCO is the sum of endosulfin I, endosulfin II and endosulfin sulfate.

e - The SCO for this specific compound (or family of compounds) is considered to be met if the analysis for the total species of this contaminant is below the specific SCO.

f - Protection of ecological resources SCOs were not developed for contaminants identified in Table 375-6.8(b) wish "NS". Where such contaminants appear in Table 375-6.8(a), the applicant may be required by the Department to calculate a protection of ecological resources SCO according to the TSD.

Table 2

Analytical Results for Sub-Surface Soil - Semi-volatile Organic Compounds (EPA Method 8270)

155 3rd Street - Brooklyn, New York

Client Sample ID:	NYSDEC	SB-1	SB-1	SB-2	SB-2	SB-3	SB-5
Sample Depth:	Soil Cleanup Objectives	5-5.5'	5.5-9.5'	2-5'	5.5-6.5'	5-6'	5-10'
Laboratory ID:	Unrestricted Use	L1203659-01	L1203659-02	L1203659-03	L1203659-04	L1203659-06	L1203659-07
Sampling Date:		3/1/2012	3/1/2012	3/1/2012	3/1/2012	3/1/2012	3/1/2012
Semi-Volatile Organic Compounds by 8270 - ug/kg							
1,2,4,5-Tetrachlorobenzene	NS	200 U	510 U	390 U	220 U	190 U	190 U
1,2,4-Trichlorobenzene	NS	200 U	510 U	390 U	220 U	190 U	190 U
1,2-Dichlorobenzene	NS	200 U	510 U	390 U	220 U	190 U	190 U
1,3-Dichlorobenzene	NS	200 U	510 U	390 U	220 U	190 U	190 U
1,4-Dichlorobenzene	NS	200 U	510 U	390 U	220 U	190 U	190 U
2,4,5-Trichlorophenol	NS	200 U	510 U	390 U	220 U	190 U	190 U
2,4,6-Trichlorophenol	NS	120 U	300 U	240 U	130 U	120 U	120 U
2,4,Dichlorophenol	NS	180 U	460 U	360 U	200 U	170 U	170 U
2,4-Dimethylphenol	NS	200 U	510 U	390 U	220 U	190 U	190 U
2,4-Dinitrophenol	NS	960 U	2,400 U	1,900 U	1,000 U	930 U	930 U
2,4-Dinitrotoluene	NS	200 U	510 U	390 U	220 U	190 U	190 U
2,6-Dinitrotoluene	NS	200 U	510 U	390 U	220 U	190 U	190 U
2-Chloronaphthalene	NS	200 U	510 U	390 U	220 U	190 U	190 U
2-Chlorophenol	NS	200 U	510 U	390 U	220 U	190 U	190 U
2-Methylnaphthalene	NS	240 U	240 J	400 J	260 U	230 U	230 U
2-Methylphenol	NS	200 U	510 U	390 U	220 U	190 U	190 U
2-Nitroaniline	NS	200 U	510 U	390 U	220 U	190 U	190 U
2-Nitrophenol	NS	430 U	1,100 U	850 U	470 U	420 U	420 U
3,3'-Dichlorobenzidine	NS	200 U	510 U	390 U	220 U	190 U	190 U
3+4-Methylphenol	NS	290 U	730 U	570 U	200 J	280 U	280 U
3-Nitroaniline	NS	200 U	510 U	390 U	220 U	190 U	190 U
4,6-Dinitro-2-methylphenol	NS	520 U	1,300 U	1,000 U	570 U	500 U	500 U
4-Bromophenyl phenyl ether	NS	200 U	510 U	390 U	220 U	190 U	190 U
4-Chloroaniline	NS	200 U	510 U	390 U	220 U	190 U	190 U
4-Chlorophenyl phenyl ether	NS	200 U	510 U	390 U	220 U	190 U	190 U
4-Nitroaniline	NS	200 U	510 U	390 U	220 U	190 U	190 U
4-Nitrophenol	NS	280 U	710 U	550 U	310 U	270 U	270 U
Acenaphthene	20,000	160 U	400 U	120 J	180 U	150 U	150 U
Acenaphthylene	100,000[a]	160 U	920	130 J	180 U	150 U	150 U
Acetophenone	NS	200 U	510 U	390 U	220 U	190 U	190 U
Anthracene	100,000[a]	120 U	460	620	58 J	120 U	120 U
Benzo(a)anthracene	1,000[c]	58 J	2,800	1,200	250	45 J	48 J
Benzo(a)pyrene	1,000[c]	51 J	3,500	390	180 U	150 U	150 U
Benzo(b)fluoranthene	1,000[c]	68 J	2,900	1,100	130 U	47 J	55 J
Benzo(ghi)perylene	100,000	160 U	2,200	320	180 U	150 U	150 U
Benzo(k)fluoranthene	800[c]	31 J	1,000	410	130 U	120 U	120 U
Benzoic Acid	NS	650 U	1,600 U	1,300 U	710 U	630 U	630 U
Benzyl alcohol	NS	200 U	510 U	390 U	220 U	190 U	190 U
Biphenyl	NS	460 U	1,200 U	900 U	500 U	440 U	440 U
bis(2-Chloroethoxy)methane	NS	220 U	550 U	430 U	240 U	210 U	210 U
bis(2-Chloroethyl)ether	NS	180 U	460 U	360 U	200 U	170 U	170 U
bis(2-Chloroisopropyl)ether	NS	240 U	610 U	470 U	260 U	230 U	230 U
bis(2-Ethylhexyl)phthalate	NS	200 U	510 U	390 U	220 U	190 U	88 J
BenzylButylPhthalate	NS	200 U	510 U	390 U	220 U	190 U	190 U
Carbazole	NS	200 U	510 U	190 J	220 U	190 U	190 U
Chrysene	1,000[c]	69 J	3,100	1,500	300	49 J	52 J
Di-n-Butyl Phthalate	NS	200 U	510 U	390 U	220 U	190 U	190 U
Di-n-octyl Phthalate	NS	200 U	510 U	390 U	220 U	190 U	190 U
Dibenzo(a,h)anthracene	330[b]	120 U	390	160 J	130 U	120 U	120 U
Dibenzofuran	NS	200 U	510 U	220 J	220 U	190 U	190 U
Diethyl Phthalate	NS	200 U	510 U	390 U	220 U	190 U	190 U
Dimethyl Phthalate	NS	200 U	510 U	390 U	220 U	190 U	190 U
Fluoranthene	100,000[a]	160	3,500	1,600	160	100 J	92 J
Fluorene	30,000	200 U	510 U	170 J	220 U	190 U	190 U
Hexachlorobenzene	NS	120 U	300 U	240 U	130 U	120 U	120 U
Hexachlorobutadiene	NS	200 U	510 U	390 U	220 U	190 U	190 U
Hexachlorocyclopentadiene	NS	580 U	1,400 U	1,100 U	630 U	550 U	550 U
Hexachloroethane	NS	160 U	400 U	320 U	180 U	150 U	150 U
Indeno(1,2,3-cd)pyrene	500[c]	160 U	1,500	300 J	180 U	150 U	150 U
Isophorone	NS	180 U	460 U	360 U	200 U	170 U	170 U
N-Nitrosodi-n-propylamine	NS	200 U	510 U	390 U	220 U	190 U	190 U
Naphthalene	12,000	200 U	470 J	520	160 J	190 U	190 U
Nitrobenzene	NS	180 U	460 U	360 U	200 U	170 U	170 U
N-Nitrosodiphenylamine	NS	160 U	400 U	320 U	180 U	150 U	150 U
P-Chloro-M-Cresol	NS	200 U	510 U	390 U	220 U	190 U	190 U
Pentachlorophenol	800[b]	160 U	400 U	320 U	180 U	150 U	150 U
Phenanthrene	100,000	180	390	1900	150	100 J	63 J
Phenol	330[b]	200 U	510 U	390 U	220 U	190 U	190 U
Pyrene	100,000	120	5,000	1,300	190	93 J	73 J

Notes:

(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Unrestriced Use of Soil Cleanup Objective Table 375-6.8a 12/06

NS - No Standard

U - The analyte was analyzed for, but was not detected above the reported sample quantification limit. The assocaited numerical value is the sample quantitation limit.

Highlighted text denotes concentrations exceeding NYSDEC Unrestricted Use SCO

a - The SCOs for unrestricted use were capped at a maximum value of 100 ppm.

b - For constituents where the calculated SCO was lower than the contract required quantitation limit (CRQL), the CRQL is used as the Track 1 SCO.

c - For constituents where the calculated SCO was lower than the rural soil background concentration, as determined by the Department and Department of Health rural soil survey, the rural soil background concentrationis used as the Track1 SCO value for this use of the site.

d - SCO is the sum of endosulfin I, endosulfin II and endosulfin sulfate.

e - The SCO for this specific compound (or family of compounds) is considered to be met if the analysis for the total species of this contaminant is below the specific SCO.

f - Protection of ecological resources SCOs were not developed for contaminants identified in Table 375-6.8(b) wish "NS". Where such contaminants appear in Table 375-6.8(a), the applicant may be required by the Department to calculate a protection of ecological resources SCO according to the TSD.

TABLE 3
GROUNDWATER ANALYTICAL RESULTS FOR
VOLATILE ORGANIC COMPOUNDS
EPA METHOD 8260

155 3rd Street - Brooklyn, New York

Client Sample ID: Laboratory ID: Sampling Date:	NYSDEC Groundwater Standards**	MW-6 L1203659-05 3/1/2012	
Volatile Organic Compounds by 8260 - ug/L			
1112Tetrachloroethane	5	0.5	U
111 Trichloroethane	5	0.5	U
1122Tetrachloroethane	5	0.5	U
112 Trichloroethane	1	0.75	U
1,1 Dichloroethane	4	0.75	U
1,1 Dichloroethene	5	0.5	U
1,1-Dichloropropene	5	2.5	U
123-Trichlorobenzene	5	2.5	U
123-Trichloropropane	0.04	5	U
1245 Tetramethylbenzene	5	2	U
124-Trichlorobenzene (v)	5	2.5	U
124-Trimethylbenzene	5	2.5	U
12 Dibromo 3 chloropropane	0.04	2.5	U
1,2 Dibromoethane	NS	2	U
1,2 Dichlorobenzene (v)	3	2.5	U
1,2 Dichloroethane	0.6	0.5	U
1,2 Dichloropropane	1	1.8	U
135-Trimethylbenzene	5	2.5	U
1,3 Dichlorobenzene (v)	3	2.5	U
1,3-Dichloropropane	5	2.5	U
1,4 Dichlorobenzene (v)	3	2.5	U
1,4-Diethylbenzene	NS	2	U
2,2-Dichloropropane	5	2.5	U
2-Butanone	NS	5	U
2-Hexanone	50*	5	U
p-Ethyltoluene	NS	2	U
4-Methyl-2-pentanone	NS	5	U
Acetone	50*	2.5	J
Acrylonitrile	5	5	U
Benzene	1	0.5	U
Bromobenzene	5	2.5	U
Bromochloromethane	5	2.5	U
Bromodichloromethane	50*	0.5	U
Bromoform	50*	2	U
Bromomethane	5	1	U
Carbon Disulfide	60***	0.31	J
Carbon Tetrachloride	5	0.5	U
Chlorobenzene	5	0.5	U
Chloroethane	5	1	U
Chloroform	7	0.75	U
Chloromethane	5	2.5	U
c-1,2-Dichloroethene	5	0.5	U
c-1,3Dichloropropene	0.4	0.5	U
Dibromochloromethane	50	0.5	U
Dibromomethane	5	5	U
Dichlordifluoromethane	5	5	U
Ethyl ether	NS	2.5	U
Ethyl Benzene	5	0.5	U
Hexachlorobutadiene	0.5	0.6	U
Isopropylbenzene	5	0.33	J
ter.ButylMethylEther	10	1	U
Methylene Chloride	5	5	U
n-Butylbenzene	5	0.5	U
n-Propylbenzene	5	0.5	U
Naphthalene(v)	10*	2.5	U
o-Chlorotoluene	5	2.5	U
o Xylene	5	1	U
4-Chlorotoluene	5	2.5	U
4-Isopropyltoluene	5	0.5	U
m + p Xylene	5	1	U
sec-Butylbenzene	5	0.5	U
Styrene	5	1	U
tert-Butylbenzene	5	0.37	J
Tetrachloroethene	5	0.5	U
Toluene	5	0.75	U
t-1,2-Dichloroethene	5	0.75	U
t-1,3Dichloropropene	0.4 [1]	0.5	U
t-1,4-Dichloro-2-butene	NS	2.5	U
Trichloroethylene	5	0.5	U
Trichlorofluoromethane	5	2.5	U
Vinyl acetate	NS	5	U
Vinyl Chloride	2	1	U

Notes:

** - NYSDEC Ambient Water Quality Standards and Guidance Values 6/1998

*** - NYSDEC Ambient Water Quality Standards and Guidance Values, Addendum April 2000

* - Guidance Value

NS - No Standard

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

[1] Applies to sum of cis and trans 1,3

TABLE 4
GROUNDWATER ANALYTICAL RESULTS FOR
SEMI-VOLATILE ORGANIC COMPOUNDS
EPA METHOD 8270

155 3rd Street - Brooklyn, New York

Client Sample ID: Laboratory ID: Sampling Date:	NYSDEC Groundwater Standards**	MW-6 L1203659-05 3/1/2012	
Semi-Volatile Organic Compounds by 8270 - ug/L			
1,2,4,5-Tetrachlorobenzene	NS	10	U
124-Trichlorobenzene	5	5	U
1,2 Dichlorobenzene	3 (1)	2	U
1,3 Dichlorobenzene	3	2	U
1,4 Dichlorobenzene	3	2	U
2,4,5-Trichlorophenol	1	5	U
2,4,6-Trichlorophenol	NS	5	U
2,4-Dichlorophenol	1	5	U
2,4-Dimethylphenol	NS	5	U
2,4-Dinitrophenol	5	20	U
2,4-Dinitrotoluene	5	5	U
2,6-Dinitrotoluene	5	5	U
2-Chlorophenol	50	2	U
2-Methylphenol	5	5	U
2-Nitroaniline	5	5	U
2-Nitrophenol	5	10	U
3,3'-Dichlorobenzidine	5	5	U
3+4-Methylphenol	50	5	U
3-Nitroaniline	5	5	U
4,6-Dinitro-o-cresol	NS	10	U
4-Bromophenyl phenyl ether	NS	2	U
4-Chloroaniline	5	5	U
4-Chlorophenyl phenyl ether	NS	2	U
4-Nitroaniline	5	5	U
4-Nitrophenol	5	10	U
Acetophenone	NS	5	U
Benzoic acid	NS	50	U
Benzyl alcohol	NS	2	U
Biphenyl	NS	2	U
Bis(2-chloroethoxy)methane	5	5	U
Bis(2-chloroethyl)ether	1	2	U
Bis(2-chloroisopropyl)ether	NS	2	U
Bis(2-ethylhexyl)phthalate	50	3	U
BenzylButylPhthalate	50	5	U
Carbazole	NS	2	U
Di-n-butyl phthalate	50	5	U
Di-n-octyl phthalate	50	5	U
Dibenzofuran	5	2	U
Diethyl Phthalate	50	5	U
Dimethyl Phthalate	50	5	U
Hexachlorocyclopentadiene	5	20	U
Isophorone	50	5	U
N-Nitrosodi-n-propylamine	50	5	U
Nitrobenzene	5	2	U
N-Nitrosodiphenylamine	50*	2	U
P-Chloro-M-Cresol	NS	2	U
Phenol	1	5	U
2-Chloronaphthalene	10	0.2	U
2-Methylnaphthalene	50	0.2	U
Acenaphthene	20	0.07	J
Acenaphthylene	20	0.2	U
Anthracene	50*	0.18	J
Benz(a)anthracene	0.002	0.87	
Benzo(a)pyrene	ND	0.36	
Benzo(b)fluoranthene	0.002	0.65	
Benzo(ghi)perylene	NS	0.3	
Benzo(k)fluoranthene	0.002	0.31	
Chrysene	0.002	1.1	
Dibenzo(a,h)anthracene	50	0.13	J
Fluoranthene	50	0.94	
Fluorene	50	0.07	J
Hexachlorobenzene	0.35	0.8	U
Hexachlorobutadiene	0.5	0.5	U
Hexachloroethane	5	0.8	U
Indeno(1,2,3-cd)pyrene	0.002	0.25	
Naphthalene(sv)	10	0.2	U
Pentachlorophenol	1	0.8	U
Phenanthrene	50	0.57	
Pyrene	50	1.1	

Notes:

** - NYSDEC Ambient Water Quality Standards and Guidance Values 6/1998

* - Guidance Value

J - Indicates estimated concentration

NS - No Standard

NA - Not analyzed

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

(1) Applies to each isomer (1,2 - 1,3 and 1,4) individually

APPENDIX A

SOIL BORING LOGS

P.W. GROSSER CONSULTING

Boring Designation:	SB-1	**Logged By:**	ZH
Site Address:	155 3rd Street, Brooklyn, New York	**Project Manager:**	BD
Project Name:	155 3rd Street, LLC	**Project Number:**	MON1201
Drilling Method:	Geoprobe 6610DT	**Borehole Diameter:**	2.0"
Sampling Method:	Macro-Core	**Borehole Depth:**	9.5'
Start Time:	8:50	**Completion Time:**	9:20
Start Date:	3/1/2012	**Completion Date:**	3/1/2012

Depth (ft)	Advance (ft)	Recovery (ft)	Graphic Log	USCS Code	Soil Color	Moisture Content	Soil Description	Notes
0	5	1.5					0-1.5' concrete slab	
1				ML	Brown	Moist	(1.5-2') Sandy Silt; mostly silt, some fine sand, trace fine gravel; crushed rock and brick	No odor, PID: 0.0 ppm
2				ML	Reddish Brown	Moist	(2-5') Silt	No odor, PID: 0.0 ppm
3								
4								
5	4.5	2.3		ML	Reddish brown	Moist	(5-5.5') Silt with Sand 20% fine sand	No odor, PID: 0.0 ppm
6				ML	Greyish Brown	Wet	(5.5-6.5') Sandy Silt with Gravel; mostly silt, some fine sand, little fine gravel; chunks of wood present	No odor, PID: 0.0 ppm
7				ML	Dark Grey	Wet	(6.5-9.5') Silt with wood chunks	Organic odor, PID: 2.7 ppm; slight sheen on soil.
8								
9								
10							End of Boring at 9.5' bg	Samples: SB-1 (5'-5.5') & SB-1 (5.5-9.5')

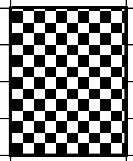
Boring Designation:	SB-2	**Logged By:**	ZH
Site Address:	155 3rd Street, Brooklyn, New York	**Project Manager:**	BD
Project Name:	155 3rd Street, LLC	**Project Number:**	MON1201
Drilling Method:	Geoprobe 6610DT	**Borehole Diameter:**	2.0"
Sampling Method:	Macro-Core	**Borehole Depth:**	15'
Start Time:	9:35	**Completion Time:**	9:55
Start Date:	3/1/2012	**Completion Date:**	3/1/2012

Depth (ft)	Advance (ft)	Recovery (ft)	Graphic Log	USCS Code	Soil Color	Moisture Content	Soil Description	Notes
0	5	2.7			Black	Dry	(0.5-2.5') Crushed coal	6 inch concrete slab at grade
1								
2				ML	Grey	Moist	(2.5-5') Sandy Silt; mostly silt, some fine sand, trace fine gravel	Odor, PID: 0.7 ppm
3								
4								
5	5	2.7		SM	Grey	Wet	(5.5-6.5') Silty Sand; mostly fine sand, 40% silt; LNAPL globules	LNAPL Globules & Odor, PID: 7.0 ppm
6								
7				SP-SM	Brownish Grey	Wet	(6.5-10') Poorly Graded Sand with Silt; fine sand, some silt	Odor, PID: 190 ppm
8								
9								
10	5	5.0		CL	Grey	Wet	(10-12') Lean Clay with Silt, Organic matter present	Odor & Sheen, PID: 4.3 ppm
11								
12				CL	Grey	Wet	(12-15') Lean Clay with Silt, organic matter present	No Odor, PID: 0.0 ppm
13								
14								
15							End of Boring at 15' bg	Samples SB-2 (2-5') & SB-2 (5.5-6.5')

Boring Designation:	SB-3	**Logged By:**	ZH
Site Address:	155 3rd Street, Brooklyn, New York	**Project Manager:**	BD
Project Name:	155 3rd Street, LLC	**Project Number:**	MON1201
Drilling Method:	Geoprobe 6610DT	**Borehole Diameter:**	2.0"
Sampling Method:	Macro-Core	**Borehole Depth:**	15'
Start Time:	12:15	**Completion Time:**	12:25
Start Date:	3/1/2012	**Completion Date:**	3/1/2012

Depth (ft)	Advance (ft)	Recovery (ft)	Graphic Log	USCS Code	Soil Color	Moisture Content	Soil Description	Notes
0	5	0		NA	NA	NA	No recovery (0-5')	
1								
2								
3								
4								
5	5	2.7		SM	Reddish Brown	Wet	(5-6') Silty Sand; fine sand	Slight Staining & Odor, PID: 70.5 ppm
6				SM	Reddish Brown	Wet	(6-10') Silty Sand; fine sand	No staining or odor, PID: 4.2
7								
8								
9								
10	5	5		CL	Grey	Wet	Lean Clay with some organic matter	No Odor, PID: 0.0 ppm
11								
12								
13								
14								
15							End of Boring at 15' bg	Sample SB-3 (5-6')

Boring Designation:	SB-4	**Logged By:**	ZH
Site Address:	155 3rd Street, Brooklyn, New York	**Project Manager:**	BD
Project Name:	155 3rd Street, LLC	**Project Number:**	MON1201
Drilling Method:	Geoprobe 6610DT	**Borehole Diameter:**	2.0"
Sampling Method:	Macro-Core	**Borehole Depth:**	5.5'
Start Time:	13:35	**Completion Time:**	13:40
Start Date:	3/1/2012	**Completion Date:**	3/1/2012

Depth (ft)	Advance (ft)	Recovery (ft)	Graphic Log	USCS Code	Soil Color	Moisture Content	Soil Description	Notes
0	5	2.5		NA	NA	NA	Crushed Concrete	6 inch concrete slab
1				ML	Reddish Brown	Moist	(1-5') Silt with Sand; mostly silt, 20% fine sand	No Odor, PID: 1.5 ppm
2								
3								
4								
5							End of Boring at 5.5' bg	No Sample Submitted to Lab

Boring Designation:	SB-5	**Logged By:**	ZH
Site Address:	155 3rd Street, Brooklyn, New York	**Project Manager:**	BD
Project Name:	155 3rd Street, LLC	**Project Number:**	MON1201
Drilling Method:	Geoprobe 6610DT	**Borehole Diameter:**	2.0"
Sampling Method:	Macro-Core	**Borehole Depth:**	15'
Start Time:	13:46	**Completion Time:**	13:55
Start Date:	3/1/2012	**Completion Date:**	3/1/2012

Depth (ft)	Advance (ft)	Recovery (ft)	Graphic Log	USCS Code	Soil Color	Moisture Content	Soil Description	Notes
0	5	2		ML	Reddish Brown	Moist	Sandy Silt; 30% fine sand	No Odor, PID: 0.6 ppm
1								
2								
3								
4								
5	5	1.2		ML	Greyish Brown	Wet	Sandy Silt; 30% fine sand	Odor, PID: 7.4 ppm
6								
7								
8								
9								
10	5	5		CL	Grey	Wet	Lean Clay with some organic matter	No Odor, PID: 0.0 ppm
11								
12								
13								
14								
15							End of Boring at 15' bg	Sample SB-5 (5'-10')

APPENDIX B

LABORATORY ANALYTICAL REPORT

ANALYTICAL REPORT

Lab Number:	L1203659
Client:	P. W. Grosser 630 Johnson Avenue Suite 7 Bohemia, NY 11716
ATTN:	Derek Ersbak
Phone:	(631) 589-6353
Project Name:	MON1201
Project Number:	MON1201
Report Date:	03/12/12

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), USDA (Permit #P-330-11-00240), NC (666), TX (T104704476), DOD (L2217), US Army Corps of Engineers.

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: MON1201
Project Number: MON1201

Lab Number: L1203659
Report Date: 03/12/12

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1203659-01	SB-1 5-5.5'	155 3RD ST., BROOKLYN, NY	03/01/12 09:10
L1203659-02	SB-1 5.5-9.5'	155 3RD ST., BROOKLYN, NY	03/01/12 09:20
L1203659-03	SB-2 2-5'	155 3RD ST., BROOKLYN, NY	03/01/12 09:40
L1203659-04	SB-2 5.5-6.5'	155 3RD ST., BROOKLYN, NY	03/01/12 09:45
L1203659-05	MW-6	155 3RD ST., BROOKLYN, NY	03/01/12 12:10
L1203659-06	SB-3 5-6'	155 3RD ST., BROOKLYN, NY	03/01/12 12:20
L1203659-07	SB-5 5-10'	155 3RD ST., BROOKLYN, NY	03/01/12 13:52

Project Name: MON1201 **Lab Number:** L1203659
Project Number: MON1201 **Report Date:** 03/12/12

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

Please contact Client Services at 800-624-9220 with any questions.

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

L1203659-04 has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

The surrogate recovery for L1203659-05 is above the acceptance criteria for 1,2-Dichloroethane-d4 (136%). Since the sample was non-detect for all target analytes, re-analysis was not required.

Project Name: MON1201 **Lab Number:** L1203659
Project Number: MON1201 **Report Date:** 03/12/12

Case Narrative (continued)

L1203659-06 has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.
The WG521396-1/-2 LCS/LCSD recoveries, associated with L1203659-05, are above the individual acceptance criteria for Vinyl acetate (LCS at 132%), Hexachlorobutadiene (138%/132%) and Ethyl ether (LCSD at 136%), but within the overall method allowances. The results of the associated sample are reported.
The WG521396-1/-2 LCS/LCSD RPDs, associated with L1203659-05, are above the acceptance criteria for Chloromethane (34%), Vinyl chloride (28%), 1,2,3-Trichloropropane (24%), Dichlorodifluoromethane (37%) and Ethyl ether (21%).

Semivolatile Organics
L1203659-02 and -03 have elevated detection limits due to the dilutions required by the sample matrices (extracts were dark and viscous).
The WG521690-2/-3 LCS/LCSD recoveries, associated with L1203659-01 through -04, -06 and -07, are below the individual acceptance criteria for 4-Chloroaniline (30%/31%), but within the overall method allowances. The results of the associated sample are reported.

Semivolatile Organics by SIM
The WG521485-2/-3 LCS/LCSD recoveries, associated with L1203659-05, are below the individual acceptance criteria for Hexachlorocyclopentadiene (15%/18%), 4-Chloroaniline (34%/36%) and 2,4-Dimethylphenol (LCS at 10%), but within the overall method allowances. The results of the associated sample are reported. In addition, the LCS/LCSD RPD is above the acceptance criteria for 2,4-Dimethylphenol (118%).

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Kelly Stenstrom

Title: Technical Director/Representative Date: 03/12/12

ORGANICS

VOLATILES

Project Name: MON1201 **Lab Number:** L1203659

Project Number: MON1201 **Report Date:** 03/12/12

SAMPLE RESULTS

Lab ID: L1203659-01
Client ID: SB-1 5-5.5'
Sample Location: 155 3RD ST., BROOKLYN, NY
Matrix: Soil
Analytical Method: 1,8260B
Analytical Date: 03/03/12 21:38
Analyst: BN
Percent Solids: 82%

Date Collected: 03/01/12 09:10
Date Received: 03/02/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	3.2	J	ug/kg	30	2.5	1
1,1-Dichloroethane	ND		ug/kg	4.6	0.90	1
Chloroform	ND		ug/kg	4.6	0.99	1
Carbon tetrachloride	ND		ug/kg	3.0	0.64	1
1,2-Dichloropropane	ND		ug/kg	11	0.78	1
Dibromochloromethane	ND		ug/kg	3.0	0.94	1
1,1,2-Trichloroethane	ND		ug/kg	4.6	1.2	1
Tetrachloroethene	ND		ug/kg	3.0	0.93	1
Chlorobenzene	ND		ug/kg	3.0	0.57	1
Trichlorofluoromethane	ND		ug/kg	15	1.2	1
1,2-Dichloroethane	ND		ug/kg	3.0	0.69	1
1,1,1-Trichloroethane	ND		ug/kg	3.0	0.82	1
Bromodichloromethane	ND		ug/kg	3.0	1.2	1
trans-1,3-Dichloropropene	ND		ug/kg	3.0	0.92	1
cis-1,3-Dichloropropene	ND		ug/kg	3.0	0.81	1
1,1-Dichloropropene	ND		ug/kg	15	1.4	1
Bromoform	ND		ug/kg	12	1.5	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	3.0	0.73	1
Benzene	ND		ug/kg	3.0	0.91	1
Toluene	ND		ug/kg	4.6	0.74	1
Ethylbenzene	ND		ug/kg	3.0	0.68	1
Chloromethane	ND		ug/kg	15	2.4	1
Bromomethane	ND		ug/kg	6.1	2.0	1
Vinyl chloride	ND		ug/kg	6.1	2.3	1
Chloroethane	ND		ug/kg	6.1	1.3	1
1,1-Dichloroethene	ND		ug/kg	3.0	0.79	1
trans-1,2-Dichloroethene	ND		ug/kg	4.6	1.2	1
Trichloroethene	ND		ug/kg	3.0	0.68	1
1,2-Dichlorobenzene	ND		ug/kg	15	1.1	1
1,3-Dichlorobenzene	ND		ug/kg	15	1.2	1
1,4-Dichlorobenzene	ND		ug/kg	15	1.3	1

Project Name: MON1201 **Lab Number:** L1203659

Project Number: MON1201 **Report Date:** 03/12/12

SAMPLE RESULTS

Lab ID: L1203659-01 Date Collected: 03/01/12 09:10

Client ID: SB-1 5-5.5' Date Received: 03/02/12

Sample Location: 155 3RD ST., BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	6.1	1.5	1
p/m-Xylene	ND		ug/kg	6.1	1.3	1
o-Xylene	ND		ug/kg	6.1	1.3	1
cis-1,2-Dichloroethene	ND		ug/kg	3.0	0.92	1
Dibromomethane	ND		ug/kg	30	1.3	1
Styrene	ND		ug/kg	6.1	2.2	1
Dichlorodifluoromethane	ND		ug/kg	30	1.2	1
Acetone	ND		ug/kg	30	9.9	1
Carbon disulfide	ND		ug/kg	30	1.1	1
2-Butanone	ND		ug/kg	30	12.	1
Vinyl acetate	ND		ug/kg	30	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	30	2.5	1
1,2,3-Trichloropropane	ND		ug/kg	30	1.2	1
2-Hexanone	ND		ug/kg	30	1.2	1
Bromochloromethane	ND		ug/kg	15	0.92	1
2,2-Dichloropropane	ND		ug/kg	15	2.4	1
1,2-Dibromoethane	ND		ug/kg	12	1.2	1
1,3-Dichloropropane	ND		ug/kg	15	1.7	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	3.0	1.0	1
Bromobenzene	ND		ug/kg	15	0.67	1
n-Butylbenzene	ND		ug/kg	3.0	0.96	1
sec-Butylbenzene	ND		ug/kg	3.0	0.84	1
tert-Butylbenzene	ND		ug/kg	15	1.8	1
o-Chlorotoluene	ND		ug/kg	15	0.95	1
p-Chlorotoluene	ND		ug/kg	15	1.1	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	15	2.6	1
Hexachlorobutadiene	ND		ug/kg	15	1.4	1
Isopropylbenzene	ND		ug/kg	3.0	0.54	1
p-Isopropyltoluene	ND		ug/kg	3.0	0.83	1
Naphthalene	ND		ug/kg	15	2.3	1
Acrylonitrile	ND		ug/kg	30	1.1	1
n-Propylbenzene	ND		ug/kg	3.0	0.86	1
1,2,3-Trichlorobenzene	ND		ug/kg	15	1.2	1
1,2,4-Trichlorobenzene	ND		ug/kg	15	2.4	1
1,3,5-Trimethylbenzene	ND		ug/kg	15	1.8	1
1,2,4-Trimethylbenzene	ND		ug/kg	15	1.7	1
1,4-Diethylbenzene	ND		ug/kg	12	0.61	1
4-Ethyltoluene	ND		ug/kg	12	0.30	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	12	0.55	1

Project Name: MON1201 **Lab Number:** L1203659

Project Number: MON1201 **Report Date:** 03/12/12

SAMPLE RESULTS

Lab ID: L1203659-01 Date Collected: 03/01/12 09:10

Client ID: SB-1 5-5.5' Date Received: 03/02/12

Sample Location: 155 3RD ST., BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Ethyl ether	ND		ug/kg	15	1.2	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	15	4.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	91		70-130

Project Name: MON1201 **Lab Number:** L1203659

Project Number: MON1201 **Report Date:** 03/12/12

SAMPLE RESULTS

Lab ID: L1203659-02
Client ID: SB-1 5.5-9.5'
Sample Location: 155 3RD ST., BROOKLYN, NY
Matrix: Soil
Analytical Method: 1,8260B
Analytical Date: 03/03/12 22:13
Analyst: BN
Percent Solids: 65%

Date Collected: 03/01/12 09:20
Date Received: 03/02/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	3.6	J	ug/kg	38	3.1	1
1,1-Dichloroethane	ND		ug/kg	5.8	1.1	1
Chloroform	ND		ug/kg	5.8	1.2	1
Carbon tetrachloride	ND		ug/kg	3.8	0.81	1
1,2-Dichloropropane	ND		ug/kg	13	0.98	1
Dibromochloromethane	ND		ug/kg	3.8	1.2	1
1,1,2-Trichloroethane	ND		ug/kg	5.8	1.5	1
Tetrachloroethene	ND		ug/kg	3.8	1.2	1
Chlorobenzene	ND		ug/kg	3.8	0.72	1
Trichlorofluoromethane	ND		ug/kg	19	1.5	1
1,2-Dichloroethane	ND		ug/kg	3.8	0.87	1
1,1,1-Trichloroethane	ND		ug/kg	3.8	1.0	1
Bromodichloromethane	ND		ug/kg	3.8	1.5	1
trans-1,3-Dichloropropene	ND		ug/kg	3.8	1.2	1
cis-1,3-Dichloropropene	ND		ug/kg	3.8	1.0	1
1,1-Dichloropropene	ND		ug/kg	19	1.8	1
Bromoform	ND		ug/kg	15	1.9	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	3.8	0.92	1
Benzene	ND		ug/kg	3.8	1.1	1
Toluene	ND		ug/kg	5.8	0.93	1
Ethylbenzene	ND		ug/kg	3.8	0.85	1
Chloromethane	ND		ug/kg	19	3.0	1
Bromomethane	ND		ug/kg	7.7	2.5	1
Vinyl chloride	ND		ug/kg	7.7	2.9	1
Chloroethane	ND		ug/kg	7.7	1.7	1
1,1-Dichloroethene	ND		ug/kg	3.8	1.0	1
trans-1,2-Dichloroethene	ND		ug/kg	5.8	1.5	1
Trichloroethene	ND		ug/kg	3.8	0.86	1
1,2-Dichlorobenzene	ND		ug/kg	19	1.4	1
1,3-Dichlorobenzene	ND		ug/kg	19	1.5	1
1,4-Dichlorobenzene	ND		ug/kg	19	1.6	1

Project Name: MON1201 **Lab Number:** L1203659

Project Number: MON1201 **Report Date:** 03/12/12

SAMPLE RESULTS

Lab ID: L1203659-02 Date Collected: 03/01/12 09:20

Client ID: SB-1 5.5-9.5' Date Received: 03/02/12

Sample Location: 155 3RD ST., BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	7.7	1.9	1
p/m-Xylene	ND		ug/kg	7.7	1.6	1
o-Xylene	ND		ug/kg	7.7	1.6	1
cis-1,2-Dichloroethene	ND		ug/kg	3.8	1.2	1
Dibromomethane	ND		ug/kg	38	1.7	1
Styrene	ND		ug/kg	7.7	2.8	1
Dichlorodifluoromethane	ND		ug/kg	38	1.5	1
Acetone	ND		ug/kg	38	12.	1
Carbon disulfide	ND		ug/kg	38	1.4	1
2-Butanone	ND		ug/kg	38	15.	1
Vinyl acetate	ND		ug/kg	38	2.9	1
4-Methyl-2-pentanone	ND		ug/kg	38	3.1	1
1,2,3-Trichloropropane	ND		ug/kg	38	1.5	1
2-Hexanone	ND		ug/kg	38	1.5	1
Bromochloromethane	ND		ug/kg	19	1.2	1
2,2-Dichloropropane	ND		ug/kg	19	3.0	1
1,2-Dibromoethane	ND		ug/kg	15	1.6	1
1,3-Dichloropropane	ND		ug/kg	19	2.2	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	3.8	1.3	1
Bromobenzene	ND		ug/kg	19	0.85	1
n-Butylbenzene	ND		ug/kg	3.8	1.2	1
sec-Butylbenzene	ND		ug/kg	3.8	1.1	1
tert-Butylbenzene	ND		ug/kg	19	2.3	1
o-Chlorotoluene	ND		ug/kg	19	1.2	1
p-Chlorotoluene	ND		ug/kg	19	1.4	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	19	3.2	1
Hexachlorobutadiene	ND		ug/kg	19	1.8	1
Isopropylbenzene	ND		ug/kg	3.8	0.68	1
p-Isopropyltoluene	ND		ug/kg	3.8	1.0	1
Naphthalene	ND		ug/kg	19	3.0	1
Acrylonitrile	ND		ug/kg	38	1.4	1
n-Propylbenzene	ND		ug/kg	3.8	1.1	1
1,2,3-Trichlorobenzene	ND		ug/kg	19	1.6	1
1,2,4-Trichlorobenzene	ND		ug/kg	19	3.0	1
1,3,5-Trimethylbenzene	ND		ug/kg	19	2.3	1
1,2,4-Trimethylbenzene	ND		ug/kg	19	2.2	1
1,4-Diethylbenzene	ND		ug/kg	15	0.77	1
4-Ethyltoluene	ND		ug/kg	15	0.37	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	15	0.70	1

Project Name: MON1201 **Lab Number:** L1203659

Project Number: MON1201 **Report Date:** 03/12/12

SAMPLE RESULTS

Lab ID: L1203659-02 Date Collected: 03/01/12 09:20

Client ID: SB-1 5.5-9.5' Date Received: 03/02/12

Sample Location: 155 3RD ST., BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Ethyl ether	ND		ug/kg	19	1.5	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	19	5.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	97		70-130

Project Name: MON1201 **Lab Number:** L1203659

Project Number: MON1201 **Report Date:** 03/12/12

SAMPLE RESULTS

Lab ID: L1203659-03
Client ID: SB-2 2-5'
Sample Location: 155 3RD ST., BROOKLYN, NY
Matrix: Soil
Analytical Method: 1,8260B
Analytical Date: 03/03/12 22:49
Analyst: BN
Percent Solids: 84%

Date Collected: 03/01/12 09:40
Date Received: 03/02/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	2.4	J	ug/kg	30	2.4	1
1,1-Dichloroethane	ND		ug/kg	4.5	0.88	1
Chloroform	ND		ug/kg	4.5	0.97	1
Carbon tetrachloride	ND		ug/kg	3.0	0.63	1
1,2-Dichloropropane	ND		ug/kg	10	0.76	1
Dibromochloromethane	ND		ug/kg	3.0	0.92	1
1,1,2-Trichloroethane	ND		ug/kg	4.5	1.2	1
Tetrachloroethene	ND		ug/kg	3.0	0.91	1
Chlorobenzene	ND		ug/kg	3.0	0.55	1
Trichlorofluoromethane	ND		ug/kg	15	1.2	1
1,2-Dichloroethane	ND		ug/kg	3.0	0.68	1
1,1,1-Trichloroethane	ND		ug/kg	3.0	0.80	1
Bromodichloromethane	ND		ug/kg	3.0	1.1	1
trans-1,3-Dichloropropene	ND		ug/kg	3.0	0.89	1
cis-1,3-Dichloropropene	ND		ug/kg	3.0	0.80	1
1,1-Dichloropropene	ND		ug/kg	15	1.4	1
Bromoform	ND		ug/kg	12	1.5	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	3.0	0.71	1
Benzene	ND		ug/kg	3.0	0.88	1
Toluene	ND		ug/kg	4.5	0.72	1
Ethylbenzene	ND		ug/kg	3.0	0.66	1
Chloromethane	ND		ug/kg	15	2.3	1
Bromomethane	ND		ug/kg	6.0	1.9	1
Vinyl chloride	ND		ug/kg	6.0	2.2	1
Chloroethane	ND		ug/kg	6.0	1.3	1
1,1-Dichloroethene	ND		ug/kg	3.0	0.77	1
trans-1,2-Dichloroethene	ND		ug/kg	4.5	1.2	1
Trichloroethene	ND		ug/kg	3.0	0.67	1
1,2-Dichlorobenzene	ND		ug/kg	15	1.1	1
1,3-Dichlorobenzene	ND		ug/kg	15	1.2	1
1,4-Dichlorobenzene	ND		ug/kg	15	1.2	1

Project Name: MON1201 **Lab Number:** L1203659

Project Number: MON1201 **Report Date:** 03/12/12

SAMPLE RESULTS

Lab ID: L1203659-03 Date Collected: 03/01/12 09:40

Client ID: SB-2 2-5' Date Received: 03/02/12

Sample Location: 155 3RD ST., BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	6.0	1.4	1
p/m-Xylene	ND		ug/kg	6.0	1.3	1
o-Xylene	ND		ug/kg	6.0	1.2	1
cis-1,2-Dichloroethene	ND		ug/kg	3.0	0.90	1
Dibromomethane	ND		ug/kg	30	1.3	1
Styrene	ND		ug/kg	6.0	2.2	1
Dichlorodifluoromethane	ND		ug/kg	30	1.2	1
Acetone	ND		ug/kg	30	9.6	1
Carbon disulfide	ND		ug/kg	30	1.1	1
2-Butanone	ND		ug/kg	30	12.	1
Vinyl acetate	ND		ug/kg	30	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	30	2.4	1
1,2,3-Trichloropropane	ND		ug/kg	30	1.2	1
2-Hexanone	ND		ug/kg	30	1.2	1
Bromochloromethane	ND		ug/kg	15	0.90	1
2,2-Dichloropropane	ND		ug/kg	15	2.4	1
1,2-Dibromoethane	ND		ug/kg	12	1.2	1
1,3-Dichloropropane	ND		ug/kg	15	1.7	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	3.0	0.98	1
Bromobenzene	ND		ug/kg	15	0.66	1
n-Butylbenzene	ND		ug/kg	3.0	0.94	1
sec-Butylbenzene	ND		ug/kg	3.0	0.82	1
tert-Butylbenzene	ND		ug/kg	15	1.8	1
o-Chlorotoluene	ND		ug/kg	15	0.93	1
p-Chlorotoluene	ND		ug/kg	15	1.1	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	15	2.5	1
Hexachlorobutadiene	ND		ug/kg	15	1.4	1
Isopropylbenzene	ND		ug/kg	3.0	0.53	1
p-Isopropyltoluene	ND		ug/kg	3.0	0.81	1
Naphthalene	ND		ug/kg	15	2.3	1
Acrylonitrile	ND		ug/kg	30	1.1	1
n-Propylbenzene	ND		ug/kg	3.0	0.84	1
1,2,3-Trichlorobenzene	ND		ug/kg	15	1.2	1
1,2,4-Trichlorobenzene	ND		ug/kg	15	2.4	1
1,3,5-Trimethylbenzene	ND		ug/kg	15	1.8	1
1,2,4-Trimethylbenzene	ND		ug/kg	15	1.7	1
1,4-Diethylbenzene	ND		ug/kg	12	0.60	1
4-Ethyltoluene	ND		ug/kg	12	0.29	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	12	0.54	1

Project Name: MON1201 **Lab Number:** L1203659

Project Number: MON1201 **Report Date:** 03/12/12

SAMPLE RESULTS

Lab ID: L1203659-03 Date Collected: 03/01/12 09:40

Client ID: SB-2 2-5' Date Received: 03/02/12

Sample Location: 155 3RD ST., BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Ethyl ether	ND		ug/kg	15	1.1	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	15	4.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	94		70-130

Project Name: MON1201 **Lab Number:** L1203659

Project Number: MON1201 **Report Date:** 03/12/12

SAMPLE RESULTS

Lab ID: L1203659-04 D
Client ID: SB-2 5.5-6.5'
Sample Location: 155 3RD ST., BROOKLYN, NY
Matrix: Soil
Analytical Method: 1,8260B
Analytical Date: 03/05/12 10:16
Analyst: BN
Percent Solids: 74%

Date Collected: 03/01/12 09:45
Date Received: 03/02/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	1900	J	ug/kg	6800	550	200
1,1-Dichloroethane	ND		ug/kg	1000	200	200
Chloroform	ND		ug/kg	1000	220	200
Carbon tetrachloride	ND		ug/kg	680	140	200
1,2-Dichloropropane	ND		ug/kg	2400	170	200
Dibromochloromethane	ND		ug/kg	680	210	200
1,1,2-Trichloroethane	ND		ug/kg	1000	260	200
Tetrachloroethene	ND		ug/kg	680	210	200
Chlorobenzene	ND		ug/kg	680	120	200
Trichlorofluoromethane	ND		ug/kg	3400	260	200
1,2-Dichloroethane	ND		ug/kg	680	150	200
1,1,1-Trichloroethane	ND		ug/kg	680	180	200
Bromodichloromethane	ND		ug/kg	680	260	200
trans-1,3-Dichloropropene	ND		ug/kg	680	200	200
cis-1,3-Dichloropropene	ND		ug/kg	680	180	200
1,1-Dichloropropene	ND		ug/kg	3400	310	200
Bromoform	ND		ug/kg	2700	330	200
1,1,2,2-Tetrachloroethane	ND		ug/kg	680	160	200
Benzene	ND		ug/kg	680	200	200
Toluene	ND		ug/kg	1000	160	200
Ethylbenzene	ND		ug/kg	680	150	200
Chloromethane	ND		ug/kg	3400	530	200
Bromomethane	ND		ug/kg	1400	440	200
Vinyl chloride	ND		ug/kg	1400	510	200
Chloroethane	ND		ug/kg	1400	300	200
1,1-Dichloroethene	ND		ug/kg	680	180	200
trans-1,2-Dichloroethene	ND		ug/kg	1000	260	200
Trichloroethene	ND		ug/kg	680	150	200
1,2-Dichlorobenzene	ND		ug/kg	3400	250	200
1,3-Dichlorobenzene	ND		ug/kg	3400	270	200
1,4-Dichlorobenzene	ND		ug/kg	3400	280	200

Project Name: MON1201 **Lab Number:** L1203659

Project Number: MON1201 **Report Date:** 03/12/12

SAMPLE RESULTS

Lab ID: L1203659-04 D Date Collected: 03/01/12 09:45

Client ID: SB-2 5.5-6.5' Date Received: 03/02/12

Sample Location: 155 3RD ST., BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	1400	330	200
p/m-Xylene	ND		ug/kg	1400	290	200
o-Xylene	ND		ug/kg	1400	280	200
cis-1,2-Dichloroethene	ND		ug/kg	680	200	200
Dibromomethane	ND		ug/kg	6800	290	200
Styrene	ND		ug/kg	1400	490	200
Dichlorodifluoromethane	ND		ug/kg	6800	260	200
Acetone	ND		ug/kg	6800	2200	200
Carbon disulfide	ND		ug/kg	6800	250	200
2-Butanone	ND		ug/kg	6800	2600	200
Vinyl acetate	ND		ug/kg	6800	510	200
4-Methyl-2-pentanone	ND		ug/kg	6800	550	200
1,2,3-Trichloropropane	ND		ug/kg	6800	260	200
2-Hexanone	ND		ug/kg	6800	270	200
Bromochloromethane	ND		ug/kg	3400	200	200
2,2-Dichloropropane	ND		ug/kg	3400	540	200
1,2-Dibromoethane	ND		ug/kg	2700	280	200
1,3-Dichloropropane	ND		ug/kg	3400	380	200
1,1,1,2-Tetrachloroethane	ND		ug/kg	680	220	200
Bromobenzene	ND		ug/kg	3400	150	200
n-Butylbenzene	550	J	ug/kg	680	210	200
sec-Butylbenzene	1200		ug/kg	680	190	200
tert-Butylbenzene	ND		ug/kg	3400	410	200
o-Chlorotoluene	ND		ug/kg	3400	210	200
p-Chlorotoluene	ND		ug/kg	3400	240	200
1,2-Dibromo-3-chloropropane	ND		ug/kg	3400	560	200
Hexachlorobutadiene	ND		ug/kg	3400	310	200
Isopropylbenzene	1000		ug/kg	680	120	200
p-Isopropyltoluene	ND		ug/kg	680	180	200
Naphthalene	ND		ug/kg	3400	520	200
Acrylonitrile	ND		ug/kg	6800	250	200
n-Propylbenzene	1100		ug/kg	680	190	200
1,2,3-Trichlorobenzene	ND		ug/kg	3400	270	200
1,2,4-Trichlorobenzene	ND		ug/kg	3400	530	200
1,3,5-Trimethylbenzene	ND		ug/kg	3400	410	200
1,2,4-Trimethylbenzene	ND		ug/kg	3400	390	200
1,4-Diethylbenzene	ND		ug/kg	2700	140	200
4-Ethyltoluene	ND		ug/kg	2700	66.	200
1,2,4,5-Tetramethylbenzene	1700	J	ug/kg	2700	120	200

Project Name: MON1201 **Lab Number:** L1203659

Project Number: MON1201 **Report Date:** 03/12/12

SAMPLE RESULTS

Lab ID: L1203659-04 D
Client ID: SB-2 5.5-6.5'
Sample Location: 155 3RD ST., BROOKLYN, NY

Date Collected: 03/01/12 09:45
Date Received: 03/02/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Ethyl ether	ND		ug/kg	3400	260	200
trans-1,4-Dichloro-2-butene	ND		ug/kg	3400	1000	200

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	90		70-130

Project Name: MON1201 **Lab Number:** L1203659

Project Number: MON1201 **Report Date:** 03/12/12

SAMPLE RESULTS

Lab ID:	L1203659-05	Date Collected:	03/01/12 12:10
Client ID:	MW-6	Date Received:	03/02/12
Sample Location:	155 3RD ST., BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	1,8260B		
Analytical Date:	03/05/12 12:40		
Analyst:	PD		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	5.0	0.54	1
1,1-Dichloroethane	ND		ug/l	0.75	0.22	1
Chloroform	ND		ug/l	0.75	0.20	1
Carbon tetrachloride	ND		ug/l	0.50	0.16	1
1,2-Dichloropropane	ND		ug/l	1.8	0.30	1
Dibromochloromethane	ND		ug/l	0.50	0.19	1
1,1,2-Trichloroethane	ND		ug/l	0.75	0.26	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	0.50	0.19	1
Trichlorofluoromethane	ND		ug/l	2.5	0.27	1
1,2-Dichloroethane	ND		ug/l	0.50	0.16	1
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.26	1
Bromoform	ND		ug/l	2.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.19	1
Benzene	ND		ug/l	0.50	0.19	1
Toluene	ND		ug/l	0.75	0.23	1
Ethylbenzene	ND		ug/l	0.50	0.26	1
Chloromethane	ND		ug/l	2.5	0.28	1
Bromomethane	ND		ug/l	1.0	0.26	1
Vinyl chloride	ND		ug/l	1.0	0.22	1
Chloroethane	ND		ug/l	1.0	0.23	1
1,1-Dichloroethene	ND		ug/l	0.50	0.18	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.21	1
Trichloroethene	ND		ug/l	0.50	0.17	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.18	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.19	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.22	1

Project Name: MON1201 **Lab Number:** L1203659

Project Number: MON1201 **Report Date:** 03/12/12

SAMPLE RESULTS

Lab ID: L1203659-05 Date Collected: 03/01/12 12:10

Client ID: MW-6 Date Received: 03/02/12

Sample Location: 155 3RD ST., BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	1.0	0.16	1
p/m-Xylene	ND		ug/l	1.0	0.35	1
o-Xylene	ND		ug/l	1.0	0.33	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19	1
Dibromomethane	ND		ug/l	5.0	0.36	1
1,2,3-Trichloropropane	ND		ug/l	5.0	0.43	1
Acrylonitrile	ND		ug/l	5.0	0.43	1
Styrene	ND		ug/l	1.0	0.36	1
Dichlorodifluoromethane	ND		ug/l	5.0	0.30	1
Acetone	2.5	J	ug/l	5.0	1.6	1
Carbon disulfide	0.31	J	ug/l	5.0	0.30	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	0.31	1
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42	1
2-Hexanone	ND		ug/l	5.0	0.58	1
Bromochloromethane	ND		ug/l	2.5	0.33	1
2,2-Dichloropropane	ND		ug/l	2.5	0.40	1
1,2-Dibromoethane	ND		ug/l	2.0	0.19	1
1,3-Dichloropropane	ND		ug/l	2.5	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.16	1
Bromobenzene	ND		ug/l	2.5	0.18	1
n-Butylbenzene	ND		ug/l	0.50	0.20	1
sec-Butylbenzene	ND		ug/l	0.50	0.18	1
tert-Butylbenzene	0.37	J	ug/l	2.5	0.30	1
o-Chlorotoluene	ND		ug/l	2.5	0.18	1
p-Chlorotoluene	ND		ug/l	2.5	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.33	1
Hexachlorobutadiene	ND		ug/l	0.60	0.23	1
Isopropylbenzene	0.33	J	ug/l	0.50	0.19	1
p-Isopropyltoluene	ND		ug/l	0.50	0.19	1
Naphthalene	ND		ug/l	2.5	0.22	1
n-Propylbenzene	ND		ug/l	0.50	0.17	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.23	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.22	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.21	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.27	1
1,4-Diethylbenzene	ND		ug/l	2.0	0.11	1
4-Ethyltoluene	ND		ug/l	2.0	0.42	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.10	1

Project Name: MON1201 **Lab Number:** L1203659

Project Number: MON1201 **Report Date:** 03/12/12

SAMPLE RESULTS

Lab ID: L1203659-05 Date Collected: 03/01/12 12:10

Client ID: MW-6 Date Received: 03/02/12

Sample Location: 155 3RD ST., BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Ethyl ether	ND		ug/l	2.5	0.20	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.17	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	**136**	Q	70-130
Toluene-d8	87		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	127		70-130

Project Name: MON1201 **Lab Number:** L1203659

Project Number: MON1201 **Report Date:** 03/12/12

SAMPLE RESULTS

Lab ID: L1203659-06 D
Client ID: SB-3 5-6'
Sample Location: 155 3RD ST., BROOKLYN, NY
Matrix: Soil
Analytical Method: 1,8260B
Analytical Date: 03/04/12 00:00
Analyst: BN
Percent Solids: 86%

Date Collected: 03/01/12 12:20
Date Received: 03/02/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	120	9.5	4
1,1-Dichloroethane	ND		ug/kg	17	3.4	4
Chloroform	ND		ug/kg	17	3.8	4
Carbon tetrachloride	ND		ug/kg	12	2.4	4
1,2-Dichloropropane	ND		ug/kg	41	3.0	4
Dibromochloromethane	ND		ug/kg	12	3.6	4
1,1,2-Trichloroethane	ND		ug/kg	17	4.6	4
Tetrachloroethene	ND		ug/kg	12	3.6	4
Chlorobenzene	ND		ug/kg	12	2.2	4
Trichlorofluoromethane	ND		ug/kg	58	4.6	4
1,2-Dichloroethane	ND		ug/kg	12	2.6	4
1,1,1-Trichloroethane	ND		ug/kg	12	3.1	4
Bromodichloromethane	ND		ug/kg	12	4.5	4
trans-1,3-Dichloropropene	ND		ug/kg	12	3.5	4
cis-1,3-Dichloropropene	ND		ug/kg	12	3.1	4
1,1-Dichloropropene	ND		ug/kg	58	5.3	4
Bromoform	ND		ug/kg	46	5.8	4
1,1,2,2-Tetrachloroethane	ND		ug/kg	12	2.8	4
Benzene	ND		ug/kg	12	3.4	4
Toluene	ND		ug/kg	17	2.8	4
Ethylbenzene	ND		ug/kg	12	2.6	4
Chloromethane	ND		ug/kg	58	9.1	4
Bromomethane	ND		ug/kg	23	7.5	4
Vinyl chloride	ND		ug/kg	23	8.8	4
Chloroethane	ND		ug/kg	23	5.1	4
1,1-Dichloroethene	ND		ug/kg	12	3.0	4
trans-1,2-Dichloroethene	ND		ug/kg	17	4.6	4
Trichloroethene	ND		ug/kg	12	2.6	4
1,2-Dichlorobenzene	ND		ug/kg	58	4.2	4
1,3-Dichlorobenzene	ND		ug/kg	58	4.6	4
1,4-Dichlorobenzene	ND		ug/kg	58	4.9	4

Project Name: MON1201 **Lab Number:** L1203659

Project Number: MON1201 **Report Date:** 03/12/12

SAMPLE RESULTS

Lab ID: L1203659-06 D
Client ID: SB-3 5-6'
Sample Location: 155 3RD ST., BROOKLYN, NY

Date Collected: 03/01/12 12:20
Date Received: 03/02/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	23	5.7	4
p/m-Xylene	5.0	J	ug/kg	23	5.0	4
o-Xylene	ND		ug/kg	23	4.8	4
cis-1,2-Dichloroethene	ND		ug/kg	12	3.5	4
Dibromomethane	ND		ug/kg	120	5.0	4
Styrene	ND		ug/kg	23	8.4	4
Dichlorodifluoromethane	ND		ug/kg	120	4.5	4
Acetone	ND		ug/kg	120	38.	4
Carbon disulfide	ND		ug/kg	120	4.4	4
2-Butanone	ND		ug/kg	120	45.	4
Vinyl acetate	ND		ug/kg	120	8.7	4
4-Methyl-2-pentanone	ND		ug/kg	120	9.5	4
1,2,3-Trichloropropane	ND		ug/kg	120	4.5	4
2-Hexanone	ND		ug/kg	120	4.6	4
Bromochloromethane	ND		ug/kg	58	3.5	4
2,2-Dichloropropane	ND		ug/kg	58	9.2	4
1,2-Dibromoethane	ND		ug/kg	46	4.8	4
1,3-Dichloropropane	ND		ug/kg	58	6.6	4
1,1,1,2-Tetrachloroethane	ND		ug/kg	12	3.8	4
Bromobenzene	ND		ug/kg	58	2.6	4
n-Butylbenzene	ND		ug/kg	12	3.6	4
sec-Butylbenzene	ND		ug/kg	12	3.2	4
tert-Butylbenzene	ND		ug/kg	58	7.0	4
o-Chlorotoluene	ND		ug/kg	58	3.6	4
p-Chlorotoluene	ND		ug/kg	58	4.2	4
1,2-Dibromo-3-chloropropane	ND		ug/kg	58	9.7	4
Hexachlorobutadiene	ND		ug/kg	58	5.3	4
Isopropylbenzene	ND		ug/kg	12	2.0	4
p-Isopropyltoluene	ND		ug/kg	12	3.2	4
Naphthalene	ND		ug/kg	58	8.9	4
Acrylonitrile	ND		ug/kg	120	4.4	4
n-Propylbenzene	ND		ug/kg	12	3.3	4
1,2,3-Trichlorobenzene	ND		ug/kg	58	4.7	4
1,2,4-Trichlorobenzene	ND		ug/kg	58	9.2	4
1,3,5-Trimethylbenzene	ND		ug/kg	58	7.0	4
1,2,4-Trimethylbenzene	ND		ug/kg	58	6.7	4
1,4-Diethylbenzene	ND		ug/kg	46	2.3	4
4-Ethyltoluene	ND		ug/kg	46	1.1	4
1,2,4,5-Tetramethylbenzene	ND		ug/kg	46	2.1	4

Project Name: MON1201 **Lab Number:** L1203659

Project Number: MON1201 **Report Date:** 03/12/12

SAMPLE RESULTS

Lab ID: L1203659-06 D
Client ID: SB-3 5-6'
Sample Location: 155 3RD ST., BROOKLYN, NY

Date Collected: 03/01/12 12:20
Date Received: 03/02/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Ethyl ether	ND		ug/kg	58	4.4	4
trans-1,4-Dichloro-2-butene	ND		ug/kg	58	17.	4

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	110		70-130
4-Bromofluorobenzene	125		70-130
Dibromofluoromethane	92		70-130

Project Name: MON1201 **Lab Number:** L1203659

Project Number: MON1201 **Report Date:** 03/12/12

SAMPLE RESULTS

Lab ID: L1203659-07
Client ID: SB-5 5-10'
Sample Location: 155 3RD ST., BROOKLYN, NY
Matrix: Soil
Analytical Method: 1,8260B
Analytical Date: 03/04/12 00:36
Analyst: BN
Percent Solids: 85%

Date Collected: 03/01/12 13:52
Date Received: 03/02/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	29	2.4	1
1,1-Dichloroethane	ND		ug/kg	4.4	0.87	1
Chloroform	ND		ug/kg	4.4	0.95	1
Carbon tetrachloride	ND		ug/kg	2.9	0.62	1
1,2-Dichloropropane	ND		ug/kg	10	0.75	1
Dibromochloromethane	ND		ug/kg	2.9	0.90	1
1,1,2-Trichloroethane	ND		ug/kg	4.4	1.2	1
Tetrachloroethene	ND		ug/kg	2.9	0.90	1
Chlorobenzene	ND		ug/kg	2.9	0.55	1
Trichlorofluoromethane	ND		ug/kg	15	1.2	1
1,2-Dichloroethane	ND		ug/kg	2.9	0.67	1
1,1,1-Trichloroethane	ND		ug/kg	2.9	0.79	1
Bromodichloromethane	ND		ug/kg	2.9	1.1	1
trans-1,3-Dichloropropene	ND		ug/kg	2.9	0.88	1
cis-1,3-Dichloropropene	ND		ug/kg	2.9	0.78	1
1,1-Dichloropropene	ND		ug/kg	15	1.3	1
Bromoform	ND		ug/kg	12	1.4	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.9	0.71	1
Benzene	ND		ug/kg	2.9	0.87	1
Toluene	ND		ug/kg	4.4	0.71	1
Ethylbenzene	ND		ug/kg	2.9	0.65	1
Chloromethane	ND		ug/kg	15	2.3	1
Bromomethane	ND		ug/kg	5.9	1.9	1
Vinyl chloride	ND		ug/kg	5.9	2.2	1
Chloroethane	ND		ug/kg	5.9	1.3	1
1,1-Dichloroethene	ND		ug/kg	2.9	0.76	1
trans-1,2-Dichloroethene	ND		ug/kg	4.4	1.2	1
Trichloroethene	ND		ug/kg	2.9	0.66	1
1,2-Dichlorobenzene	ND		ug/kg	15	1.1	1
1,3-Dichlorobenzene	ND		ug/kg	15	1.2	1
1,4-Dichlorobenzene	ND		ug/kg	15	1.2	1

Project Name: MON1201 **Lab Number:** L1203659

Project Number: MON1201 **Report Date:** 03/12/12

SAMPLE RESULTS

Lab ID: L1203659-07 Date Collected: 03/01/12 13:52

Client ID: SB-5 5-10' Date Received: 03/02/12

Sample Location: 155 3RD ST., BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	5.9	1.4	1
p/m-Xylene	ND		ug/kg	5.9	1.3	1
o-Xylene	ND		ug/kg	5.9	1.2	1
cis-1,2-Dichloroethene	ND		ug/kg	2.9	0.89	1
Dibromomethane	ND		ug/kg	29	1.3	1
Styrene	ND		ug/kg	5.9	2.1	1
Dichlorodifluoromethane	ND		ug/kg	29	1.1	1
Acetone	ND		ug/kg	29	9.5	1
Carbon disulfide	ND		ug/kg	29	1.1	1
2-Butanone	ND		ug/kg	29	11.	1
Vinyl acetate	ND		ug/kg	29	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	29	2.4	1
1,2,3-Trichloropropane	ND		ug/kg	29	1.1	1
2-Hexanone	ND		ug/kg	29	1.2	1
Bromochloromethane	ND		ug/kg	15	0.89	1
2,2-Dichloropropane	ND		ug/kg	15	2.3	1
1,2-Dibromoethane	ND		ug/kg	12	1.2	1
1,3-Dichloropropane	ND		ug/kg	15	1.7	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	2.9	0.96	1
Bromobenzene	ND		ug/kg	15	0.65	1
n-Butylbenzene	ND		ug/kg	2.9	0.92	1
sec-Butylbenzene	ND		ug/kg	2.9	0.81	1
tert-Butylbenzene	ND		ug/kg	15	1.8	1
o-Chlorotoluene	ND		ug/kg	15	0.92	1
p-Chlorotoluene	ND		ug/kg	15	1.1	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	15	2.5	1
Hexachlorobutadiene	ND		ug/kg	15	1.3	1
Isopropylbenzene	ND		ug/kg	2.9	0.52	1
p-Isopropyltoluene	ND		ug/kg	2.9	0.80	1
Naphthalene	ND		ug/kg	15	2.3	1
Acrylonitrile	ND		ug/kg	29	1.1	1
n-Propylbenzene	ND		ug/kg	2.9	0.84	1
1,2,3-Trichlorobenzene	ND		ug/kg	15	1.2	1
1,2,4-Trichlorobenzene	ND		ug/kg	15	2.3	1
1,3,5-Trimethylbenzene	ND		ug/kg	15	1.8	1
1,2,4-Trimethylbenzene	ND		ug/kg	15	1.7	1
1,4-Diethylbenzene	ND		ug/kg	12	0.59	1
4-Ethyltoluene	ND		ug/kg	12	0.28	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	12	0.53	1

Project Name: MON1201 **Lab Number:** L1203659

Project Number: MON1201 **Report Date:** 03/12/12

SAMPLE RESULTS

Lab ID: L1203659-07 Date Collected: 03/01/12 13:52

Client ID: SB-5 5-10' Date Received: 03/02/12

Sample Location: 155 3RD ST., BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Ethyl ether	ND		ug/kg	15	1.1	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	15	4.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	116		70-130
Dibromofluoromethane	92		70-130

Project Name: MON1201 **Lab Number:** L1203659

Project Number: MON1201 **Report Date:** 03/12/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 03/03/12 17:27
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,06-07 Batch: WG521309-3					
Methylene chloride	ND		ug/kg	25	2.0
1,1-Dichloroethane	ND		ug/kg	3.8	0.74
Chloroform	ND		ug/kg	3.8	0.81
Carbon tetrachloride	ND		ug/kg	2.5	0.53
1,2-Dichloropropane	ND		ug/kg	8.8	0.64
Dibromochloromethane	ND		ug/kg	2.5	0.77
1,1,2-Trichloroethane	ND		ug/kg	3.8	0.98
Tetrachloroethene	ND		ug/kg	2.5	0.76
Chlorobenzene	ND		ug/kg	2.5	0.46
Trichlorofluoromethane	ND		ug/kg	12	0.98
1,2-Dichloroethane	ND		ug/kg	2.5	0.57
1,1,1-Trichloroethane	ND		ug/kg	2.5	0.67
Bromodichloromethane	ND		ug/kg	2.5	0.96
trans-1,3-Dichloropropene	ND		ug/kg	2.5	0.75
cis-1,3-Dichloropropene	ND		ug/kg	2.5	0.67
1,1-Dichloropropene	ND		ug/kg	12	1.1
Bromoform	ND		ug/kg	10	1.2
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.5	0.60
Benzene	ND		ug/kg	2.5	0.74
Toluene	ND		ug/kg	3.8	0.60
Ethylbenzene	ND		ug/kg	2.5	0.55
Chloromethane	ND		ug/kg	12	2.0
Bromomethane	ND		ug/kg	5.0	1.6
Vinyl chloride	ND		ug/kg	5.0	1.9
Chloroethane	ND		ug/kg	5.0	1.1
1,1-Dichloroethene	ND		ug/kg	2.5	0.65
trans-1,2-Dichloroethene	ND		ug/kg	3.8	0.98
Trichloroethene	ND		ug/kg	2.5	0.56
1,2-Dichlorobenzene	ND		ug/kg	12	0.91
1,3-Dichlorobenzene	ND		ug/kg	12	1.0
1,4-Dichlorobenzene	ND		ug/kg	12	1.0

Project Name: MON1201 **Lab Number:** L1203659

Project Number: MON1201 **Report Date:** 03/12/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 03/03/12 17:27
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,06-07 Batch: WG521309-3					
Methyl tert butyl ether	ND		ug/kg	5.0	1.2
p/m-Xylene	ND		ug/kg	5.0	1.1
o-Xylene	ND		ug/kg	5.0	1.0
cis-1,2-Dichloroethene	ND		ug/kg	2.5	0.75
Dibromomethane	ND		ug/kg	25	1.1
Styrene	ND		ug/kg	5.0	1.8
Dichlorodifluoromethane	ND		ug/kg	25	0.97
Acetone	ND		ug/kg	25	8.1
Carbon disulfide	ND		ug/kg	25	0.94
2-Butanone	ND		ug/kg	25	9.7
Vinyl acetate	ND		ug/kg	25	1.9
4-Methyl-2-pentanone	ND		ug/kg	25	2.0
1,2,3-Trichloropropane	ND		ug/kg	25	0.97
2-Hexanone	ND		ug/kg	25	0.99
Bromochloromethane	ND		ug/kg	12	0.76
2,2-Dichloropropane	ND		ug/kg	12	2.0
1,2-Dibromoethane	ND		ug/kg	10	1.0
1,3-Dichloropropane	ND		ug/kg	12	1.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	2.5	0.82
Bromobenzene	ND		ug/kg	12	0.55
n-Butylbenzene	ND		ug/kg	2.5	0.79
sec-Butylbenzene	ND		ug/kg	2.5	0.69
tert-Butylbenzene	ND		ug/kg	12	1.5
o-Chlorotoluene	ND		ug/kg	12	0.78
p-Chlorotoluene	ND		ug/kg	12	0.90
1,2-Dibromo-3-chloropropane	ND		ug/kg	12	2.1
Hexachlorobutadiene	ND		ug/kg	12	1.1
Isopropylbenzene	ND		ug/kg	2.5	0.44
p-Isopropyltoluene	ND		ug/kg	2.5	0.68
Naphthalene	ND		ug/kg	12	1.9
Acrylonitrile	ND		ug/kg	25	0.94

Project Name: MON1201 **Lab Number:** L1203659

Project Number: MON1201 **Report Date:** 03/12/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 03/03/12 17:27
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,06-07 Batch: WG521309-3					
n-Propylbenzene	ND		ug/kg	2.5	0.71
1,2,3-Trichlorobenzene	ND		ug/kg	12	1.0
1,2,4-Trichlorobenzene	ND		ug/kg	12	2.0
1,3,5-Trimethylbenzene	ND		ug/kg	12	1.5
1,2,4-Trimethylbenzene	ND		ug/kg	12	1.4
1,4-Diethylbenzene	ND		ug/kg	10	0.50
4-Ethyltoluene	ND		ug/kg	10	0.24
1,2,4,5-Tetramethylbenzene	ND		ug/kg	10	0.45
Ethyl ether	ND		ug/kg	12	0.95
trans-1,4-Dichloro-2-butene	ND		ug/kg	12	3.7

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	97		70-130

Project Name: MON1201 **Lab Number:** L1203659

Project Number: MON1201 **Report Date:** 03/12/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 03/05/12 08:29
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG521309-6					
Methylene chloride	ND		ug/kg	25	2.0
1,1-Dichloroethane	ND		ug/kg	3.8	0.74
Chloroform	ND		ug/kg	3.8	0.81
Carbon tetrachloride	ND		ug/kg	2.5	0.53
1,2-Dichloropropane	ND		ug/kg	8.8	0.64
Dibromochloromethane	ND		ug/kg	2.5	0.77
1,1,2-Trichloroethane	ND		ug/kg	3.8	0.98
Tetrachloroethene	ND		ug/kg	2.5	0.76
Chlorobenzene	ND		ug/kg	2.5	0.46
Trichlorofluoromethane	ND		ug/kg	12	0.98
1,2-Dichloroethane	ND		ug/kg	2.5	0.57
1,1,1-Trichloroethane	ND		ug/kg	2.5	0.67
Bromodichloromethane	ND		ug/kg	2.5	0.96
trans-1,3-Dichloropropene	ND		ug/kg	2.5	0.75
cis-1,3-Dichloropropene	ND		ug/kg	2.5	0.67
1,1-Dichloropropene	ND		ug/kg	12	1.1
Bromoform	ND		ug/kg	10	1.2
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.5	0.60
Benzene	ND		ug/kg	2.5	0.74
Toluene	ND		ug/kg	3.8	0.60
Ethylbenzene	ND		ug/kg	2.5	0.55
Chloromethane	ND		ug/kg	12	2.0
Bromomethane	ND		ug/kg	5.0	1.6
Vinyl chloride	ND		ug/kg	5.0	1.9
Chloroethane	ND		ug/kg	5.0	1.1
1,1-Dichloroethene	ND		ug/kg	2.5	0.65
trans-1,2-Dichloroethene	ND		ug/kg	3.8	0.98
Trichloroethene	ND		ug/kg	2.5	0.56
1,2-Dichlorobenzene	ND		ug/kg	12	0.91
1,3-Dichlorobenzene	ND		ug/kg	12	1.0
1,4-Dichlorobenzene	ND		ug/kg	12	1.0

Project Name: MON1201 **Lab Number:** L1203659

Project Number: MON1201 **Report Date:** 03/12/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 03/05/12 08:29
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG521309-6					
Methyl tert butyl ether	ND		ug/kg	5.0	1.2
p/m-Xylene	ND		ug/kg	5.0	1.1
o-Xylene	ND		ug/kg	5.0	1.0
cis-1,2-Dichloroethene	ND		ug/kg	2.5	0.75
Dibromomethane	ND		ug/kg	25	1.1
Styrene	ND		ug/kg	5.0	1.8
Dichlorodifluoromethane	ND		ug/kg	25	0.97
Acetone	ND		ug/kg	25	8.1
Carbon disulfide	ND		ug/kg	25	0.94
2-Butanone	ND		ug/kg	25	9.7
Vinyl acetate	ND		ug/kg	25	1.9
4-Methyl-2-pentanone	ND		ug/kg	25	2.0
1,2,3-Trichloropropane	ND		ug/kg	25	0.97
2-Hexanone	ND		ug/kg	25	0.99
Bromochloromethane	ND		ug/kg	12	0.76
2,2-Dichloropropane	ND		ug/kg	12	2.0
1,2-Dibromoethane	ND		ug/kg	10	1.0
1,3-Dichloropropane	ND		ug/kg	12	1.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	2.5	0.82
Bromobenzene	ND		ug/kg	12	0.55
n-Butylbenzene	ND		ug/kg	2.5	0.79
sec-Butylbenzene	ND		ug/kg	2.5	0.69
tert-Butylbenzene	ND		ug/kg	12	1.5
o-Chlorotoluene	ND		ug/kg	12	0.78
p-Chlorotoluene	ND		ug/kg	12	0.90
1,2-Dibromo-3-chloropropane	ND		ug/kg	12	2.1
Hexachlorobutadiene	ND		ug/kg	12	1.1
Isopropylbenzene	ND		ug/kg	2.5	0.44
p-Isopropyltoluene	ND		ug/kg	2.5	0.68
Naphthalene	ND		ug/kg	12	1.9
Acrylonitrile	ND		ug/kg	25	0.94

Project Name: MON1201 **Lab Number:** L1203659

Project Number: MON1201 **Report Date:** 03/12/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 03/05/12 08:29
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG521309-6					
n-Propylbenzene	ND		ug/kg	2.5	0.71
1,2,3-Trichlorobenzene	ND		ug/kg	12	1.0
1,2,4-Trichlorobenzene	ND		ug/kg	12	2.0
1,3,5-Trimethylbenzene	ND		ug/kg	12	1.5
1,2,4-Trimethylbenzene	ND		ug/kg	12	1.4
1,4-Diethylbenzene	ND		ug/kg	10	0.50
4-Ethyltoluene	ND		ug/kg	10	0.24
1,2,4,5-Tetramethylbenzene	ND		ug/kg	10	0.45
Ethyl ether	ND		ug/kg	12	0.95
trans-1,4-Dichloro-2-butene	ND		ug/kg	12	3.7

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	96		70-130

Project Name: MON1201 **Lab Number:** L1203659

Project Number: MON1201 **Report Date:** 03/12/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 03/05/12 09:18
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG521396-3					
Methylene chloride	ND		ug/l	5.0	0.54
1,1-Dichloroethane	ND		ug/l	0.75	0.22
Chloroform	ND		ug/l	0.75	0.20
Carbon tetrachloride	ND		ug/l	0.50	0.16
1,2-Dichloropropane	ND		ug/l	1.8	0.30
Dibromochloromethane	ND		ug/l	0.50	0.19
1,1,2-Trichloroethane	ND		ug/l	0.75	0.26
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	0.50	0.19
Trichlorofluoromethane	ND		ug/l	2.5	0.27
1,2-Dichloroethane	ND		ug/l	0.50	0.16
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.26
Bromoform	ND		ug/l	2.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.19
Benzene	ND		ug/l	0.50	0.19
Toluene	ND		ug/l	0.75	0.23
Ethylbenzene	ND		ug/l	0.50	0.26
Chloromethane	ND		ug/l	2.5	0.28
Bromomethane	ND		ug/l	1.0	0.26
Vinyl chloride	ND		ug/l	1.0	0.22
Chloroethane	ND		ug/l	1.0	0.23
1,1-Dichloroethene	ND		ug/l	0.50	0.18
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.21
Trichloroethene	ND		ug/l	0.50	0.17
1,2-Dichlorobenzene	ND		ug/l	2.5	0.18
1,3-Dichlorobenzene	ND		ug/l	2.5	0.19
1,4-Dichlorobenzene	ND		ug/l	2.5	0.22

Project Name: MON1201 **Lab Number:** L1203659

Project Number: MON1201 **Report Date:** 03/12/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 03/05/12 09:18
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG521396-3					
Methyl tert butyl ether	ND		ug/l	1.0	0.16
p/m-Xylene	ND		ug/l	1.0	0.35
o-Xylene	ND		ug/l	1.0	0.33
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19
Dibromomethane	ND		ug/l	5.0	0.36
1,2,3-Trichloropropane	ND		ug/l	5.0	0.43
Acrylonitrile	ND		ug/l	5.0	0.43
Styrene	ND		ug/l	1.0	0.36
Dichlorodifluoromethane	ND		ug/l	5.0	0.30
Acetone	ND		ug/l	5.0	1.6
Carbon disulfide	ND		ug/l	5.0	0.30
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	0.31
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42
2-Hexanone	ND		ug/l	5.0	0.58
Bromochloromethane	ND		ug/l	2.5	0.33
2,2-Dichloropropane	ND		ug/l	2.5	0.40
1,2-Dibromoethane	ND		ug/l	2.0	0.19
1,3-Dichloropropane	ND		ug/l	2.5	0.21
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.16
Bromobenzene	ND		ug/l	2.5	0.18
n-Butylbenzene	ND		ug/l	0.50	0.20
sec-Butylbenzene	ND		ug/l	0.50	0.18
tert-Butylbenzene	ND		ug/l	2.5	0.30
o-Chlorotoluene	ND		ug/l	2.5	0.18
p-Chlorotoluene	ND		ug/l	2.5	0.18
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.33
Hexachlorobutadiene	ND		ug/l	0.60	0.23
Isopropylbenzene	ND		ug/l	0.50	0.19
p-Isopropyltoluene	ND		ug/l	0.50	0.19
Naphthalene	ND		ug/l	2.5	0.22

Project Name: MON1201 **Lab Number:** L1203659

Project Number: MON1201 **Report Date:** 03/12/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 03/05/12 09:18
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG521396-3					
n-Propylbenzene	ND		ug/l	0.50	0.17
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.23
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.22
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.21
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.27
1,4-Diethylbenzene	ND		ug/l	2.0	0.11
4-Ethyltoluene	ND		ug/l	2.0	0.42
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.10
Ethyl ether	ND		ug/l	2.5	0.20
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.17

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	121		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	122		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: MON1201

Project Number: MON1201

Lab Number: L1203659

Report Date: 03/12/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,06-07 Batch: WG521309-1 WG521309-2								
Methylene chloride	121		118		70-130	3		30
1,1-Dichloroethane	114		112		70-130	2		30
Chloroform	114		113		70-130	1		30
Carbon tetrachloride	96		96		70-130	0		30
1,2-Dichloropropane	114		113		70-130	1		30
Dibromochloromethane	103		102		70-130	1		30
1,1,2-Trichloroethane	120		117		70-130	3		30
Tetrachloroethene	115		116		70-130	1		30
Chlorobenzene	109		109		70-130	0		30
Trichlorofluoromethane	110		109		70-139	1		30
1,2-Dichloroethane	112		110		70-130	2		30
1,1,1-Trichloroethane	111		111		70-130	0		30
Bromodichloromethane	111		111		70-130	0		30
trans-1,3-Dichloropropene	100		98		70-130	2		30
cis-1,3-Dichloropropene	99		97		70-130	2		30
1,1-Dichloropropene	111		110		70-130	1		30
Bromoform	107		108		70-130	1		30
1,1,2,2-Tetrachloroethane	117		112		70-130	4		30
Benzene	112		111		70-130	1		30
Toluene	110		110		70-130	0		30
Ethylbenzene	113		114		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: MON1201

Project Number: MON1201

Lab Number: L1203659

Report Date: 03/12/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,06-07 Batch: WG521309-1 WG521309-2								
Chloromethane	87		83		52-130	5		30
Bromomethane	102		98		57-147	4		30
Vinyl chloride	94		91		67-130	3		30
Chloroethane	103		101		50-151	2		30
1,1-Dichloroethene	112		109		65-135	3		30
trans-1,2-Dichloroethene	114		112		70-130	2		30
Trichloroethene	116		116		70-130	0		30
1,2-Dichlorobenzene	111		114		70-130	3		30
1,3-Dichlorobenzene	112		115		70-130	3		30
1,4-Dichlorobenzene	108		111		70-130	3		30
Methyl tert butyl ether	106		101		66-130	5		30
p/m-Xylene	113		113		70-130	0		30
o-Xylene	109		110		70-130	1		30
cis-1,2-Dichloroethene	112		111		70-130	1		30
Dibromomethane	118		112		70-130	5		30
Styrene	109		110		70-130	1		30
Dichlorodifluoromethane	65		63		30-146	3		30
Acetone	125		113		54-140	10		30
Carbon disulfide	88		87		59-130	1		30
2-Butanone	110		97		70-130	13		30
Vinyl acetate	99		98		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: MON1201
Project Number: MON1201

Lab Number: L1203659
Report Date: 03/12/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,06-07 Batch: WG521309-1 WG521309-2								
4-Methyl-2-pentanone	114		104		70-130	9		30
1,2,3-Trichloropropane	122		117		68-130	4		30
2-Hexanone	125		111		70-130	12		30
Bromochloromethane	107		107		70-130	0		30
2,2-Dichloropropane	97		92		70-130	5		30
1,2-Dibromoethane	117		112		70-130	4		30
1,3-Dichloropropane	116		113		69-130	3		30
1,1,1,2-Tetrachloroethane	117		117		70-130	0		30
Bromobenzene	113		116		70-130	3		30
n-Butylbenzene	115		117		70-130	2		30
sec-Butylbenzene	117		120		70-130	3		30
tert-Butylbenzene	117		121		70-130	3		30
o-Chlorotoluene	116		119		70-130	3		30
p-Chlorotoluene	112		114		70-130	2		30
1,2-Dibromo-3-chloropropane	104		97		68-130	7		30
Hexachlorobutadiene	114		113		67-130	1		30
Isopropylbenzene	114		114		70-130	0		30
p-Isopropyltoluene	121		125		70-130	3		30
Naphthalene	112		106		70-130	6		30
Acrylonitrile	108		102		70-130	6		30
n-Propylbenzene	120		122		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: MON1201
Project Number: MON1201

Lab Number: L1203659
Report Date: 03/12/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,06-07 Batch: WG521309-1 WG521309-2								
1,2,3-Trichlorobenzene	109		108		70-130	1		30
1,2,4-Trichlorobenzene	116		115		70-130	1		30
1,3,5-Trimethylbenzene	115		118		70-130	3		30
1,2,4-Trimethylbenzene	118		121		70-130	3		30
1,4-Diethylbenzene	96		98		70-130	2		30
4-Ethyltoluene	92		94		70-130	2		30
1,2,4,5-Tetramethylbenzene	98		100		70-130	2		30
Ethyl ether	99		95		67-130	4		30
trans-1,4-Dichloro-2-butene	99		98		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	106		102		70-130
Toluene-d8	104		104		70-130
4-Bromofluorobenzene	103		103		70-130
Dibromofluoromethane	102		100		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: MON1201
Project Number: MON1201

Lab Number: L1203659
Report Date: 03/12/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG521309-4 WG521309-5								
Methylene chloride	100		99		70-130	1		30
1,1-Dichloroethane	100		100		70-130	0		30
Chloroform	101		101		70-130	0		30
Carbon tetrachloride	87		87		70-130	0		30
1,2-Dichloropropane	100		100		70-130	0		30
Dibromochloromethane	93		92		70-130	1		30
1,1,2-Trichloroethane	104		103		70-130	1		30
Tetrachloroethene	102		103		70-130	1		30
Chlorobenzene	98		99		70-130	1		30
Trichlorofluoromethane	100		98		70-139	2		30
1,2-Dichloroethane	102		100		70-130	2		30
1,1,1-Trichloroethane	97		98		70-130	1		30
Bromodichloromethane	98		99		70-130	1		30
trans-1,3-Dichloropropene	87		88		70-130	1		30
cis-1,3-Dichloropropene	87		87		70-130	0		30
1,1-Dichloropropene	97		96		70-130	1		30
Bromoform	98		95		70-130	3		30
1,1,2,2-Tetrachloroethane	104		100		70-130	4		30
Benzene	97		98		70-130	1		30
Toluene	98		99		70-130	1		30
Ethylbenzene	102		104		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: MON1201
Project Number: MON1201

Lab Number: L1203659
Report Date: 03/12/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG521309-4 WG521309-5								
Chloromethane	83		83		52-130	0		30
Bromomethane	93		94		57-147	1		30
Vinyl chloride	88		85		67-130	3		30
Chloroethane	94		94		50-151	0		30
1,1-Dichloroethene	95		94		65-135	1		30
trans-1,2-Dichloroethene	98		98		70-130	0		30
Trichloroethene	101		103		70-130	2		30
1,2-Dichlorobenzene	103		103		70-130	0		30
1,3-Dichlorobenzene	104		105		70-130	1		30
1,4-Dichlorobenzene	100		100		70-130	0		30
Methyl tert butyl ether	102		99		66-130	3		30
p/m-Xylene	101		103		70-130	2		30
o-Xylene	99		101		70-130	2		30
cis-1,2-Dichloroethene	98		99		70-130	1		30
Dibromomethane	104		101		70-130	3		30
Styrene	99		101		70-130	2		30
Dichlorodifluoromethane	77		74		30-146	4		30
Acetone	109		99		54-140	10		30
Carbon disulfide	94		93		59-130	1		30
2-Butanone	101		88		70-130	14		30
Vinyl acetate	92		94		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: MON1201
Project Number: MON1201

Lab Number: L1203659
Report Date: 03/12/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG521309-4 WG521309-5								
4-Methyl-2-pentanone	103		99		70-130	4		30
1,2,3-Trichloropropane	106		103		68-130	3		30
2-Hexanone	108		104		70-130	4		30
Bromochloromethane	96		96		70-130	0		30
2,2-Dichloropropane	89		88		70-130	1		30
1,2-Dibromoethane	107		102		70-130	5		30
1,3-Dichloropropane	102		102		69-130	0		30
1,1,1,2-Tetrachloroethane	106		107		70-130	1		30
Bromobenzene	104		103		70-130	1		30
n-Butylbenzene	107		107		70-130	0		30
sec-Butylbenzene	105		106		70-130	1		30
tert-Butylbenzene	106		107		70-130	1		30
o-Chlorotoluene	106		105		70-130	1		30
p-Chlorotoluene	103		102		70-130	1		30
1,2-Dibromo-3-chloropropane	91		97		68-130	6		30
Hexachlorobutadiene	102		104		67-130	2		30
Isopropylbenzene	103		104		70-130	1		30
p-Isopropyltoluene	111		111		70-130	0		30
Naphthalene	98		100		70-130	2		30
Acrylonitrile	100		93		70-130	7		30
Isopropyl Ether	91		92		66-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: MON1201

Project Number: MON1201

Lab Number: L1203659

Report Date: 03/12/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG521309-4 WG521309-5								
tert-Butyl Alcohol	96		92		70-130	4		30
n-Propylbenzene	109		109		70-130	0		30
1,2,3-Trichlorobenzene	102		103		70-130	1		30
1,2,4-Trichlorobenzene	108		109		70-130	1		30
1,3,5-Trimethylbenzene	105		106		70-130	1		30
1,2,4-Trimethylbenzene	108		109		70-130	1		30
Methyl Acetate	84		85		70-130	1		30
Ethyl Acetate	95		95		70-130	0		30
Cyclohexane	97		98		70-130	1		30
1,4-Dioxane	86		81		65-136	6		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	93		91		70-130	2		30
1,4-Diethylbenzene	101		101		70-130	0		30
4-Ethyltoluene	98		97		70-130	1		30
1,2,4,5-Tetramethylbenzene	103		107		70-130	4		30
Ethyl ether	94		91		67-130	3		30
trans-1,4-Dichloro-2-butene	95		89		70-130	7		30
Methyl cyclohexane	101		100		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: MON1201
Project Number: MON1201

Lab Number: L1203659
Report Date: 03/12/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG521309-4 WG521309-5								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	103		103		70-130
Toluene-d8	102		104		70-130
4-Bromofluorobenzene	100		100		70-130
Dibromofluoromethane	100		99		70-130

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG521396-1 WG521396-2								
Methylene chloride	92		84		70-130	9		20
1,1-Dichloroethane	96		86		70-130	11		20
Chloroform	102		101		70-130	1		20
Carbon tetrachloride	109		124		63-132	13		20
1,2-Dichloropropane	97		88		70-130	10		20
Dibromochloromethane	118		116		63-130	2		20
1,1,2-Trichloroethane	110		94		70-130	16		20
Tetrachloroethene	118		115		70-130	3		20
Chlorobenzene	108		101		75-130	7		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: MON1201

Project Number: MON1201

Lab Number: L1203659

Report Date: 03/12/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG521396-1 WG521396-2								
Trichlorofluoromethane	121		147		62-150	19		20
1,2-Dichloroethane	102		106		70-130	4		20
1,1,1-Trichloroethane	106		115		67-130	8		20
Bromodichloromethane	101		103		67-130	2		20
trans-1,3-Dichloropropene	106		95		70-130	11		20
cis-1,3-Dichloropropene	95		91		70-130	4		20
1,1-Dichloropropene	95		93		70-130	2		20
Bromoform	133		122		54-136	9		20
1,1,2,2-Tetrachloroethane	92		91		67-130	1		20
Benzene	94		88		70-130	7		20
Toluene	103		93		70-130	10		20
Ethylbenzene	106		100		70-130	6		20
Chloromethane	79		111		64-130	**34**	Q	20
Bromomethane	83		85		39-139	2		20
Vinyl chloride	92		122		55-140	**28**	Q	20
Chloroethane	108		115		55-138	6		20
1,1-Dichloroethene	98		89		61-145	10		20
trans-1,2-Dichloroethene	96		93		70-130	3		20
Trichloroethene	101		102		70-130	1		20
1,2-Dichlorobenzene	111		109		70-130	2		20
1,3-Dichlorobenzene	112		111		70-130	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: MON1201
Project Number: MON1201

Lab Number: L1203659
Report Date: 03/12/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG521396-1 WG521396-2								
1,4-Dichlorobenzene	109		108		70-130	1		20
Methyl tert butyl ether	97		98		63-130	1		20
p/m-Xylene	109		102		70-130	7		20
o-Xylene	109		114		70-130	4		20
cis-1,2-Dichloroethene	95		94		70-130	1		20
Dibromomethane	109		112		70-130	3		20
1,2,3-Trichloropropane	93		118		64-130	**24**	Q	20
Acrylonitrile	104		86		70-130	19		20
Styrene	110		116		70-130	5		20
Dichlorodifluoromethane	89		129		36-147	**37**	Q	20
Acetone	125		112		58-148	11		20
Carbon disulfide	103		88		51-130	16		20
2-Butanone	94		78		63-138	19		20
Vinyl acetate	**132**	Q	108		70-130	20		20
4-Methyl-2-pentanone	99		93		59-130	6		20
2-Hexanone	92		79		57-130	15		20
Bromochloromethane	107		109		70-130	2		20
2,2-Dichloropropane	103		107		63-133	4		20
1,2-Dibromoethane	112		104		70-130	7		20
1,3-Dichloropropane	106		93		70-130	13		20
1,1,1,2-Tetrachloroethane	120		117		64-130	3		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: MON1201
Project Number: MON1201

Lab Number: L1203659
Report Date: 03/12/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG521396-1 WG521396-2								
Bromobenzene	112		112		70-130	0		20
n-Butylbenzene	110		109		53-136	1		20
sec-Butylbenzene	117		112		70-130	4		20
tert-Butylbenzene	115		114		70-130	1		20
o-Chlorotoluene	91		86		70-130	6		20
p-Chlorotoluene	99		97		70-130	2		20
1,2-Dibromo-3-chloropropane	98		98		41-144	0		20
Hexachlorobutadiene	**138**	Q	**132**	Q	63-130	4		20
Isopropylbenzene	112		104		70-130	7		20
p-Isopropyltoluene	123		120		70-130	2		20
Naphthalene	88		90		70-130	2		20
n-Propylbenzene	108		105		69-130	3		20
1,2,3-Trichlorobenzene	93		94		70-130	1		20
1,2,4-Trichlorobenzene	107		107		70-130	0		20
1,3,5-Trimethylbenzene	109		108		64-130	1		20
1,2,4-Trimethylbenzene	109		108		70-130	1		20
1,4-Diethylbenzene	115		113		70-130	2		20
4-Ethyltoluene	106		105		70-130	1		20
1,2,4,5-Tetramethylbenzene	117		111		70-130	5		20
Ethyl ether	110		**136**	Q	59-134	**21**	Q	20
trans-1,4-Dichloro-2-butene	83		76		70-130	9		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: MON1201
Project Number: MON1201

Lab Number: L1203659
Report Date: 03/12/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG521396-1 WG521396-2								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	109		119		70-130
Toluene-d8	108		100		70-130
4-Bromofluorobenzene	95		96		70-130
Dibromofluoromethane	110		115		70-130

SEMIVOLATILES

Project Name: MON1201 **Lab Number:** L1203659

Project Number: MON1201 **Report Date:** 03/12/12

SAMPLE RESULTS

Lab ID:	L1203659-01	Date Collected:	03/01/12 09:10
Client ID:	SB-1 5-5.5'	Date Received:	03/02/12
Sample Location:	155 3RD ST., BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270C	Extraction Date:	03/06/12 18:13
Analytical Date:	03/10/12 19:58		
Analyst:	RC		
Percent Solids:	82%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	43.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	59.	1
Hexachlorobenzene	ND		ug/kg	120	31.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	38.	1
2-Chloronaphthalene	ND		ug/kg	200	60.	1
1,2-Dichlorobenzene	ND		ug/kg	200	59.	1
1,3-Dichlorobenzene	ND		ug/kg	200	62.	1
1,4-Dichlorobenzene	ND		ug/kg	200	57.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	73.	1
2,4-Dinitrotoluene	ND		ug/kg	200	60.	1
2,6-Dinitrotoluene	ND		ug/kg	200	66.	1
Fluoranthene	160		ug/kg	120	26.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	35.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	42.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	57.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	50.	1
Hexachlorobutadiene	ND		ug/kg	200	54.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	160	1
Hexachloroethane	ND		ug/kg	160	29.	1
Isophorone	ND		ug/kg	180	48.	1
Naphthalene	ND		ug/kg	200	64.	1
Nitrobenzene	ND		ug/kg	180	59.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	160	50.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	56.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	200	42.	1
Butyl benzyl phthalate	ND		ug/kg	200	56.	1
Di-n-butylphthalate	ND		ug/kg	200	34.	1
Di-n-octylphthalate	ND		ug/kg	200	54.	1
Diethyl phthalate	ND		ug/kg	200	35.	1
Dimethyl phthalate	ND		ug/kg	200	33.	1
Benzo(a)anthracene	58	J	ug/kg	120	40.	1

Project Name: MON1201 **Lab Number:** L1203659

Project Number: MON1201 **Report Date:** 03/12/12

SAMPLE RESULTS

Lab ID: L1203659-01 Date Collected: 03/01/12 09:10

Client ID: SB-1 5-5.5' Date Received: 03/02/12

Sample Location: 155 3RD ST., BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	51	J	ug/kg	160	48.	1
Benzo(b)fluoranthene	68	J	ug/kg	120	36.	1
Benzo(k)fluoranthene	31	J	ug/kg	120	31.	1
Chrysene	69	J	ug/kg	120	31.	1
Acenaphthylene	ND		ug/kg	160	52.	1
Anthracene	ND		ug/kg	120	28.	1
Benzo(ghi)perylene	ND		ug/kg	160	51.	1
Fluorene	ND		ug/kg	200	37.	1
Phenanthrene	180		ug/kg	120	34.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	37.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	160	49.	1
Pyrene	120		ug/kg	120	33.	1
Biphenyl	ND		ug/kg	460	140	1
4-Chloroaniline	ND		ug/kg	200	68.	1
2-Nitroaniline	ND		ug/kg	200	37.	1
3-Nitroaniline	ND		ug/kg	200	22.	1
4-Nitroaniline	ND		ug/kg	200	120	1
Dibenzofuran	ND		ug/kg	200	41.	1
2-Methylnaphthalene	ND		ug/kg	240	79.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	64.	1
Acetophenone	ND		ug/kg	200	65.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
P-Chloro-M-Cresol	ND		ug/kg	200	41.	1
2-Chlorophenol	ND		ug/kg	200	63.	1
2,4-Dichlorophenol	ND		ug/kg	180	58.	1
2,4-Dimethylphenol	ND		ug/kg	200	83.	1
2-Nitrophenol	ND		ug/kg	430	150	1
4-Nitrophenol	ND		ug/kg	280	86.	1
2,4-Dinitrophenol	ND		ug/kg	960	310	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	190	1
Pentachlorophenol	ND		ug/kg	160	48.	1
Phenol	ND		ug/kg	200	63.	1
2-Methylphenol	ND		ug/kg	200	50.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	87.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	47.	1
Benzoic Acid	ND		ug/kg	650	170	1
Benzyl Alcohol	ND		ug/kg	200	47.	1
Carbazole	ND		ug/kg	200	32.	1

Project Name: MON1201 **Lab Number:** L1203659

Project Number: MON1201 **Report Date:** 03/12/12

SAMPLE RESULTS

Lab ID: L1203659-01 Date Collected: 03/01/12 09:10

Client ID: SB-1 5-5.5' Date Received: 03/02/12

Sample Location: 155 3RD ST., BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		25-120
Phenol-d6	50		10-120
Nitrobenzene-d5	45		23-120
2-Fluorobiphenyl	49		30-120
2,4,6-Tribromophenol	55		0-136
4-Terphenyl-d14	59		18-120

Project Name: MON1201 **Lab Number:** L1203659

Project Number: MON1201 **Report Date:** 03/12/12

SAMPLE RESULTS

Lab ID:	L1203659-02 D	Date Collected:	03/01/12 09:20
Client ID:	SB-1 5.5-9.5'	Date Received:	03/02/12
Sample Location:	155 3RD ST., BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270C	Extraction Date:	03/06/12 18:13
Analytical Date:	03/10/12 20:24		
Analyst:	RC		
Percent Solids:	65%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	400	110	2
1,2,4-Trichlorobenzene	ND		ug/kg	510	150	2
Hexachlorobenzene	ND		ug/kg	300	79.	2
Bis(2-chloroethyl)ether	ND		ug/kg	460	96.	2
2-Chloronaphthalene	ND		ug/kg	510	150	2
1,2-Dichlorobenzene	ND		ug/kg	510	150	2
1,3-Dichlorobenzene	ND		ug/kg	510	160	2
1,4-Dichlorobenzene	ND		ug/kg	510	140	2
3,3'-Dichlorobenzidine	ND		ug/kg	510	180	2
2,4-Dinitrotoluene	ND		ug/kg	510	150	2
2,6-Dinitrotoluene	ND		ug/kg	510	170	2
Fluoranthene	3500		ug/kg	300	66.	2
4-Chlorophenyl phenyl ether	ND		ug/kg	510	89.	2
4-Bromophenyl phenyl ether	ND		ug/kg	510	100	2
Bis(2-chloroisopropyl)ether	ND		ug/kg	610	140	2
Bis(2-chloroethoxy)methane	ND		ug/kg	550	130	2
Hexachlorobutadiene	ND		ug/kg	510	130	2
Hexachlorocyclopentadiene	ND		ug/kg	1400	400	2
Hexachloroethane	ND		ug/kg	400	73.	2
Isophorone	ND		ug/kg	460	120	2
Naphthalene	470	J	ug/kg	510	160	2
Nitrobenzene	ND		ug/kg	460	150	2
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	400	130	2
n-Nitrosodi-n-propylamine	ND		ug/kg	510	140	2
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	510	100	2
Butyl benzyl phthalate	ND		ug/kg	510	140	2
Di-n-butylphthalate	ND		ug/kg	510	86.	2
Di-n-octylphthalate	ND		ug/kg	510	140	2
Diethyl phthalate	ND		ug/kg	510	88.	2
Dimethyl phthalate	ND		ug/kg	510	84.	2
Benzo(a)anthracene	2800		ug/kg	300	100	2

Project Name: MON1201 **Lab Number:** L1203659

Project Number: MON1201 **Report Date:** 03/12/12

SAMPLE RESULTS

Lab ID: L1203659-02 D Date Collected: 03/01/12 09:20

Client ID: SB-1 5.5-9.5' Date Received: 03/02/12

Sample Location: 155 3RD ST., BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	3500		ug/kg	400	120	2
Benzo(b)fluoranthene	2900		ug/kg	300	90.	2
Benzo(k)fluoranthene	1000		ug/kg	300	78.	2
Chrysene	3100		ug/kg	300	79.	2
Acenaphthylene	920		ug/kg	400	130	2
Anthracene	460		ug/kg	300	70.	2
Benzo(ghi)perylene	2200		ug/kg	400	130	2
Fluorene	ND		ug/kg	510	93.	2
Phenanthrene	390		ug/kg	300	84.	2
Dibenzo(a,h)anthracene	390		ug/kg	300	94.	2
Indeno(1,2,3-cd)Pyrene	1500		ug/kg	400	120	2
Pyrene	5000		ug/kg	300	83.	2
Biphenyl	ND		ug/kg	1200	350	2
4-Chloroaniline	ND		ug/kg	510	170	2
2-Nitroaniline	ND		ug/kg	510	93.	2
3-Nitroaniline	ND		ug/kg	510	57.	2
4-Nitroaniline	ND		ug/kg	510	310	2
Dibenzofuran	ND		ug/kg	510	100	2
2-Methylnaphthalene	240	J	ug/kg	610	200	2
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	510	160	2
Acetophenone	ND		ug/kg	510	160	2
2,4,6-Trichlorophenol	ND		ug/kg	300	93.	2
P-Chloro-M-Cresol	ND		ug/kg	510	100	2
2-Chlorophenol	ND		ug/kg	510	160	2
2,4-Dichlorophenol	ND		ug/kg	460	150	2
2,4-Dimethylphenol	ND		ug/kg	510	210	2
2-Nitrophenol	ND		ug/kg	1100	370	2
4-Nitrophenol	ND		ug/kg	710	220	2
2,4-Dinitrophenol	ND		ug/kg	2400	780	2
4,6-Dinitro-o-cresol	ND		ug/kg	1300	480	2
Pentachlorophenol	ND		ug/kg	400	120	2
Phenol	ND		ug/kg	510	160	2
2-Methylphenol	ND		ug/kg	510	120	2
3-Methylphenol/4-Methylphenol	ND		ug/kg	730	220	2
2,4,5-Trichlorophenol	ND		ug/kg	510	120	2
Benzoic Acid	ND		ug/kg	1600	430	2
Benzyl Alcohol	ND		ug/kg	510	120	2
Carbazole	ND		ug/kg	510	82.	2

Project Name: MON1201 **Lab Number:** L1203659

Project Number: MON1201 **Report Date:** 03/12/12

SAMPLE RESULTS

Lab ID: L1203659-02 D
Client ID: SB-1 5.5-9.5'
Sample Location: 155 3RD ST., BROOKLYN, NY

Date Collected: 03/01/12 09:20
Date Received: 03/02/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	38		25-120
Phenol-d6	40		10-120
Nitrobenzene-d5	35		23-120
2-Fluorobiphenyl	44		30-120
2,4,6-Tribromophenol	45		0-136
4-Terphenyl-d14	53		18-120

Project Name: MON1201 **Lab Number:** L1203659

Project Number: MON1201 **Report Date:** 03/12/12

SAMPLE RESULTS

Lab ID:	L1203659-03 D	Date Collected:	03/01/12 09:40
Client ID:	SB-2 2-5'	Date Received:	03/02/12
Sample Location:	155 3RD ST., BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270C	Extraction Date:	03/06/12 18:13
Analytical Date:	03/10/12 20:50		
Analyst:	RC		
Percent Solids:	84%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	120	J	ug/kg	320	85.	2
1,2,4-Trichlorobenzene	ND		ug/kg	390	120	2
Hexachlorobenzene	ND		ug/kg	240	62.	2
Bis(2-chloroethyl)ether	ND		ug/kg	360	75.	2
2-Chloronaphthalene	ND		ug/kg	390	120	2
1,2-Dichlorobenzene	ND		ug/kg	390	120	2
1,3-Dichlorobenzene	ND		ug/kg	390	120	2
1,4-Dichlorobenzene	ND		ug/kg	390	110	2
3,3'-Dichlorobenzidine	ND		ug/kg	390	140	2
2,4-Dinitrotoluene	ND		ug/kg	390	120	2
2,6-Dinitrotoluene	ND		ug/kg	390	130	2
Fluoranthene	1600		ug/kg	240	52.	2
4-Chlorophenyl phenyl ether	ND		ug/kg	390	70.	2
4-Bromophenyl phenyl ether	ND		ug/kg	390	82.	2
Bis(2-chloroisopropyl)ether	ND		ug/kg	470	110	2
Bis(2-chloroethoxy)methane	ND		ug/kg	430	99.	2
Hexachlorobutadiene	ND		ug/kg	390	100	2
Hexachlorocyclopentadiene	ND		ug/kg	1100	310	2
Hexachloroethane	ND		ug/kg	320	57.	2
Isophorone	ND		ug/kg	360	94.	2
Naphthalene	520		ug/kg	390	120	2
Nitrobenzene	ND		ug/kg	360	120	2
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	320	99.	2
n-Nitrosodi-n-propylamine	ND		ug/kg	390	110	2
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	390	82.	2
Butyl benzyl phthalate	ND		ug/kg	390	110	2
Di-n-butylphthalate	ND		ug/kg	390	67.	2
Di-n-octylphthalate	ND		ug/kg	390	110	2
Diethyl phthalate	ND		ug/kg	390	68.	2
Dimethyl phthalate	ND		ug/kg	390	65.	2
Benzo(a)anthracene	1200		ug/kg	240	78.	2

Project Name: MON1201 **Lab Number:** L1203659

Project Number: MON1201 **Report Date:** 03/12/12

SAMPLE RESULTS

Lab ID: L1203659-03 D
Client ID: SB-2 2-5'
Sample Location: 155 3RD ST., BROOKLYN, NY

Date Collected: 03/01/12 09:40
Date Received: 03/02/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	390		ug/kg	320	94.	2
Benzo(b)fluoranthene	1100		ug/kg	240	70.	2
Benzo(k)fluoranthene	410		ug/kg	240	61.	2
Chrysene	1500		ug/kg	240	62.	2
Acenaphthylene	130	J	ug/kg	320	100	2
Anthracene	620		ug/kg	240	55.	2
Benzo(ghi)perylene	320		ug/kg	320	100	2
Fluorene	170	J	ug/kg	390	73.	2
Phenanthrene	1900		ug/kg	240	66.	2
Dibenzo(a,h)anthracene	160	J	ug/kg	240	73.	2
Indeno(1,2,3-cd)Pyrene	300	J	ug/kg	320	96.	2
Pyrene	1300		ug/kg	240	65.	2
Biphenyl	ND		ug/kg	900	280	2
4-Chloroaniline	ND		ug/kg	390	130	2
2-Nitroaniline	ND		ug/kg	390	72.	2
3-Nitroaniline	ND		ug/kg	390	44.	2
4-Nitroaniline	ND		ug/kg	390	240	2
Dibenzofuran	220	J	ug/kg	390	81.	2
2-Methylnaphthalene	400	J	ug/kg	470	160	2
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	390	120	2
Acetophenone	ND		ug/kg	390	130	2
2,4,6-Trichlorophenol	ND		ug/kg	240	72.	2
P-Chloro-M-Cresol	ND		ug/kg	390	81.	2
2-Chlorophenol	ND		ug/kg	390	120	2
2,4-Dichlorophenol	ND		ug/kg	360	110	2
2,4-Dimethylphenol	ND		ug/kg	390	160	2
2-Nitrophenol	ND		ug/kg	850	290	2
4-Nitrophenol	ND		ug/kg	550	170	2
2,4-Dinitrophenol	ND		ug/kg	1900	610	2
4,6-Dinitro-o-cresol	ND		ug/kg	1000	370	2
Pentachlorophenol	ND		ug/kg	320	94.	2
Phenol	ND		ug/kg	390	120	2
2-Methylphenol	ND		ug/kg	390	97.	2
3-Methylphenol/4-Methylphenol	ND		ug/kg	570	170	2
2,4,5-Trichlorophenol	ND		ug/kg	390	92.	2
Benzoic Acid	ND		ug/kg	1300	330	2
Benzyl Alcohol	ND		ug/kg	390	92.	2
Carbazole	190	J	ug/kg	390	64.	2

Project Name: MON1201 **Lab Number:** L1203659

Project Number: MON1201 **Report Date:** 03/12/12

SAMPLE RESULTS

Lab ID: L1203659-03 D
Client ID: SB-2 2-5'
Sample Location: 155 3RD ST., BROOKLYN, NY

Date Collected: 03/01/12 09:40
Date Received: 03/02/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		25-120
Phenol-d6	64		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	73		0-136
4-Terphenyl-d14	67		18-120

Project Name: MON1201 **Lab Number:** L1203659

Project Number: MON1201 **Report Date:** 03/12/12

SAMPLE RESULTS

Lab ID:	L1203659-04	Date Collected:	03/01/12 09:45
Client ID:	SB-2 5.5-6.5'	Date Received:	03/02/12
Sample Location:	155 3RD ST., BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270C	Extraction Date:	03/06/12 18:13
Analytical Date:	03/10/12 21:16		
Analyst:	RC		
Percent Solids:	74%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	180	47.	1
1,2,4-Trichlorobenzene	ND		ug/kg	220	64.	1
Hexachlorobenzene	ND		ug/kg	130	34.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	42.	1
2-Chloronaphthalene	ND		ug/kg	220	66.	1
1,2-Dichlorobenzene	ND		ug/kg	220	64.	1
1,3-Dichlorobenzene	ND		ug/kg	220	68.	1
1,4-Dichlorobenzene	ND		ug/kg	220	62.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	79.	1
2,4-Dinitrotoluene	ND		ug/kg	220	66.	1
2,6-Dinitrotoluene	ND		ug/kg	220	72.	1
Fluoranthene	160		ug/kg	130	29.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	220	39.	1
4-Bromophenyl phenyl ether	ND		ug/kg	220	46.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	260	62.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	240	55.	1
Hexachlorobutadiene	ND		ug/kg	220	58.	1
Hexachlorocyclopentadiene	ND		ug/kg	630	170	1
Hexachloroethane	ND		ug/kg	180	32.	1
Isophorone	ND		ug/kg	200	52.	1
Naphthalene	160	J	ug/kg	220	70.	1
Nitrobenzene	ND		ug/kg	200	64.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	180	55.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	220	61.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	220	45.	1
Butyl benzyl phthalate	ND		ug/kg	220	61.	1
Di-n-butylphthalate	ND		ug/kg	220	37.	1
Di-n-octylphthalate	ND		ug/kg	220	59.	1
Diethyl phthalate	ND		ug/kg	220	38.	1
Dimethyl phthalate	ND		ug/kg	220	36.	1
Benzo(a)anthracene	250		ug/kg	130	43.	1

Project Name: MON1201 **Lab Number:** L1203659

Project Number: MON1201 **Report Date:** 03/12/12

SAMPLE RESULTS

Lab ID: L1203659-04 Date Collected: 03/01/12 09:45

Client ID: SB-2 5.5-6.5' Date Received: 03/02/12

Sample Location: 155 3RD ST., BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	ND		ug/kg	180	52.	1
Benzo(b)fluoranthene	ND		ug/kg	130	39.	1
Benzo(k)fluoranthene	ND		ug/kg	130	34.	1
Chrysene	300		ug/kg	130	34.	1
Acenaphthylene	ND		ug/kg	180	57.	1
Anthracene	58	J	ug/kg	130	30.	1
Benzo(ghi)perylene	ND		ug/kg	180	55.	1
Fluorene	ND		ug/kg	220	40.	1
Phenanthrene	150		ug/kg	130	36.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	41.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	180	54.	1
Pyrene	190		ug/kg	130	36.	1
Biphenyl	ND		ug/kg	500	150	1
4-Chloroaniline	ND		ug/kg	220	74.	1
2-Nitroaniline	ND		ug/kg	220	40.	1
3-Nitroaniline	ND		ug/kg	220	24.	1
4-Nitroaniline	ND		ug/kg	220	130	1
Dibenzofuran	ND		ug/kg	220	45.	1
2-Methylnaphthalene	ND		ug/kg	260	86.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	220	70.	1
Acetophenone	ND		ug/kg	220	70.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	40.	1
P-Chloro-M-Cresol	ND		ug/kg	220	45.	1
2-Chlorophenol	ND		ug/kg	220	68.	1
2,4-Dichlorophenol	ND		ug/kg	200	64.	1
2,4-Dimethylphenol	ND		ug/kg	220	90.	1
2-Nitrophenol	ND		ug/kg	470	160	1
4-Nitrophenol	ND		ug/kg	310	93.	1
2,4-Dinitrophenol	ND		ug/kg	1000	340	1
4,6-Dinitro-o-cresol	ND		ug/kg	570	210	1
Pentachlorophenol	ND		ug/kg	180	52.	1
Phenol	ND		ug/kg	220	69.	1
2-Methylphenol	ND		ug/kg	220	54.	1
3-Methylphenol/4-Methylphenol	200	J	ug/kg	320	95.	1
2,4,5-Trichlorophenol	ND		ug/kg	220	51.	1
Benzoic Acid	ND		ug/kg	710	180	1
Benzyl Alcohol	ND		ug/kg	220	51.	1
Carbazole	ND		ug/kg	220	35.	1

Project Name: MON1201 **Lab Number:** L1203659

Project Number: MON1201 **Report Date:** 03/12/12

SAMPLE RESULTS

Lab ID: L1203659-04 Date Collected: 03/01/12 09:45

Client ID: SB-2 5.5-6.5' Date Received: 03/02/12

Sample Location: 155 3RD ST., BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	77		0-136
4-Terphenyl-d14	70		18-120

Project Name: MON1201 **Lab Number:** L1203659

Project Number: MON1201 **Report Date:** 03/12/12

SAMPLE RESULTS

Lab ID:	L1203659-05	Date Collected:	03/01/12 12:10
Client ID:	MW-6	Date Received:	03/02/12
Sample Location:	155 3RD ST., BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8270C	Extraction Date:	03/03/12 10:29
Analytical Date:	03/07/12 20:03		
Analyst:	JC		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.07	J	ug/l	0.20	0.06	1
2-Chloronaphthalene	ND		ug/l	0.20	0.07	1
Fluoranthene	0.94		ug/l	0.20	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.07	1
Naphthalene	ND		ug/l	0.20	0.06	1
Benzo(a)anthracene	0.87		ug/l	0.20	0.06	1
Benzo(a)pyrene	0.36		ug/l	0.20	0.07	1
Benzo(b)fluoranthene	0.65		ug/l	0.20	0.07	1
Benzo(k)fluoranthene	0.31		ug/l	0.20	0.07	1
Chrysene	1.1		ug/l	0.20	0.05	1
Acenaphthylene	ND		ug/l	0.20	0.05	1
Anthracene	0.18	J	ug/l	0.20	0.06	1
Benzo(ghi)perylene	0.30		ug/l	0.20	0.07	1
Fluorene	0.07	J	ug/l	0.20	0.06	1
Phenanthrene	0.57		ug/l	0.20	0.06	1
Dibenzo(a,h)anthracene	0.13	J	ug/l	0.20	0.07	1
Indeno(1,2,3-cd)Pyrene	0.25		ug/l	0.20	0.08	1
Pyrene	1.1		ug/l	0.20	0.06	1
2-Methylnaphthalene	ND		ug/l	0.20	0.06	1
Pentachlorophenol	ND		ug/l	0.80	0.19	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.07	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	31		21-120
Phenol-d6	24		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	49		10-120
4-Terphenyl-d14	83		41-149

Project Name: MON1201 **Lab Number:** L1203659

Project Number: MON1201 **Report Date:** 03/12/12

SAMPLE RESULTS

Lab ID:	L1203659-05	Date Collected:	03/01/12 12:10
Client ID:	MW-6	Date Received:	03/02/12
Sample Location:	155 3RD ST., BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8270C	Extraction Date:	03/05/12 16:17
Analytical Date:	03/09/12 00:42		
Analyst:	RC		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.67	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.55	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.55	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.55	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.85	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.45	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.46	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.61	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.67	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.50	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.40	1
Hexachlorocyclopentadiene	ND		ug/l	20	2.1	1
Isophorone	ND		ug/l	5.0	0.35	1
Nitrobenzene	ND		ug/l	2.0	0.50	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/l	2.0	0.70	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.39	1
Bis(2-Ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	0.46	1
Di-n-butylphthalate	ND		ug/l	5.0	0.54	1
Di-n-octylphthalate	ND		ug/l	5.0	0.53	1
Diethyl phthalate	ND		ug/l	5.0	0.45	1
Dimethyl phthalate	ND		ug/l	5.0	0.45	1
Biphenyl	ND		ug/l	2.0	0.50	1
4-Chloroaniline	ND		ug/l	5.0	0.83	1
2-Nitroaniline	ND		ug/l	5.0	0.40	1
3-Nitroaniline	ND		ug/l	5.0	0.59	1
4-Nitroaniline	ND		ug/l	5.0	0.55	1
Dibenzofuran	ND		ug/l	2.0	0.47	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.65	1
Acetophenone	ND		ug/l	5.0	0.55	1

Project Name: MON1201 **Lab Number:** L1203659

Project Number: MON1201 **Report Date:** 03/12/12

SAMPLE RESULTS

Lab ID: L1203659-05 Date Collected: 03/01/12 12:10

Client ID: MW-6 Date Received: 03/02/12

Sample Location: 155 3RD ST., BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.45	1
P-Chloro-M-Cresol	ND		ug/l	2.0	0.50	1
2-Chlorophenol	ND		ug/l	2.0	0.34	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.43	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.2	1
2-Nitrophenol	ND		ug/l	10	0.48	1
4-Nitrophenol	ND		ug/l	10	1.2	1
2,4-Dinitrophenol	ND		ug/l	20	1.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	0.59	1
Phenol	ND		ug/l	5.0	0.26	1
2-Methylphenol	ND		ug/l	5.0	0.53	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.47	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.45	1
Benzoic Acid	ND		ug/l	50	1.0	1
Benzyl Alcohol	ND		ug/l	2.0	0.47	1
Carbazole	ND		ug/l	2.0	0.53	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	48		21-120
Phenol-d6	31		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	74		15-120
2,4,6-Tribromophenol	102		10-120
4-Terphenyl-d14	85		41-149

Project Name: MON1201 **Lab Number:** L1203659

Project Number: MON1201 **Report Date:** 03/12/12

SAMPLE RESULTS

Lab ID:	L1203659-06	Date Collected:	03/01/12 12:20
Client ID:	SB-3 5-6'	Date Received:	03/02/12
Sample Location:	155 3RD ST., BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270C	Extraction Date:	03/06/12 18:13
Analytical Date:	03/10/12 21:42		
Analyst:	RC		
Percent Solids:	86%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	42.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	56.	1
Hexachlorobenzene	ND		ug/kg	120	30.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	37.	1
2-Chloronaphthalene	ND		ug/kg	190	58.	1
1,2-Dichlorobenzene	ND		ug/kg	190	57.	1
1,3-Dichlorobenzene	ND		ug/kg	190	60.	1
1,4-Dichlorobenzene	ND		ug/kg	190	55.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	70.	1
2,4-Dinitrotoluene	ND		ug/kg	190	58.	1
2,6-Dinitrotoluene	ND		ug/kg	190	64.	1
Fluoranthene	100	J	ug/kg	120	25.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	34.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	40.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	55.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	49.	1
Hexachlorobutadiene	ND		ug/kg	190	52.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	150	1
Hexachloroethane	ND		ug/kg	150	28.	1
Isophorone	ND		ug/kg	170	46.	1
Naphthalene	ND		ug/kg	190	61.	1
Nitrobenzene	ND		ug/kg	170	56.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	150	48.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	54.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	190	40.	1
Butyl benzyl phthalate	ND		ug/kg	190	54.	1
Di-n-butylphthalate	ND		ug/kg	190	33.	1
Di-n-octylphthalate	ND		ug/kg	190	52.	1
Diethyl phthalate	ND		ug/kg	190	34.	1
Dimethyl phthalate	ND		ug/kg	190	32.	1
Benzo(a)anthracene	45	J	ug/kg	120	38.	1

Project Name: MON1201 **Lab Number:** L1203659

Project Number: MON1201 **Report Date:** 03/12/12

SAMPLE RESULTS

Lab ID: L1203659-06 Date Collected: 03/01/12 12:20

Client ID: SB-3 5-6' Date Received: 03/02/12

Sample Location: 155 3RD ST., BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	47	J	ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	30.	1
Chrysene	49	J	ug/kg	120	30.	1
Acenaphthylene	ND		ug/kg	150	50.	1
Anthracene	ND		ug/kg	120	27.	1
Benzo(ghi)perylene	ND		ug/kg	150	49.	1
Fluorene	ND		ug/kg	190	36.	1
Phenanthrene	100	J	ug/kg	120	32.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	36.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	150	47.	1
Pyrene	93	J	ug/kg	120	32.	1
Biphenyl	ND		ug/kg	440	130	1
4-Chloroaniline	ND		ug/kg	190	65.	1
2-Nitroaniline	ND		ug/kg	190	35.	1
3-Nitroaniline	ND		ug/kg	190	22.	1
4-Nitroaniline	ND		ug/kg	190	120	1
Dibenzofuran	ND		ug/kg	190	40.	1
2-Methylnaphthalene	ND		ug/kg	230	76.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	62.	1
Acetophenone	ND		ug/kg	190	62.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	35.	1
P-Chloro-M-Cresol	ND		ug/kg	190	40.	1
2-Chlorophenol	ND		ug/kg	190	60.	1
2,4-Dichlorophenol	ND		ug/kg	170	56.	1
2,4-Dimethylphenol	ND		ug/kg	190	80.	1
2-Nitrophenol	ND		ug/kg	420	140	1
4-Nitrophenol	ND		ug/kg	270	82.	1
2,4-Dinitrophenol	ND		ug/kg	930	300	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	180	1
Pentachlorophenol	ND		ug/kg	150	46.	1
Phenol	ND		ug/kg	190	61.	1
2-Methylphenol	ND		ug/kg	190	48.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	84.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	45.	1
Benzoic Acid	ND		ug/kg	630	160	1
Benzyl Alcohol	ND		ug/kg	190	45.	1
Carbazole	ND		ug/kg	190	31.	1

Project Name: MON1201 **Lab Number:** L1203659

Project Number: MON1201 **Report Date:** 03/12/12

SAMPLE RESULTS

Lab ID: L1203659-06 Date Collected: 03/01/12 12:20

Client ID: SB-3 5-6' Date Received: 03/02/12

Sample Location: 155 3RD ST., BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		25-120
Phenol-d6	60		10-120
Nitrobenzene-d5	54		23-120
2-Fluorobiphenyl	59		30-120
2,4,6-Tribromophenol	70		0-136
4-Terphenyl-d14	70		18-120

Project Name: MON1201 **Lab Number:** L1203659

Project Number: MON1201 **Report Date:** 03/12/12

SAMPLE RESULTS

Lab ID:	L1203659-07	Date Collected:	03/01/12 13:52
Client ID:	SB-5 5-10'	Date Received:	03/02/12
Sample Location:	155 3RD ST., BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270C	Extraction Date:	03/06/12 18:13
Analytical Date:	03/10/12 22:09		
Analyst:	RC		
Percent Solids:	85%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	42.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	56.	1
Hexachlorobenzene	ND		ug/kg	120	30.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	37.	1
2-Chloronaphthalene	ND		ug/kg	190	58.	1
1,2-Dichlorobenzene	ND		ug/kg	190	57.	1
1,3-Dichlorobenzene	ND		ug/kg	190	60.	1
1,4-Dichlorobenzene	ND		ug/kg	190	55.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	70.	1
2,4-Dinitrotoluene	ND		ug/kg	190	58.	1
2,6-Dinitrotoluene	ND		ug/kg	190	64.	1
Fluoranthene	92	J	ug/kg	120	25.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	34.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	40.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	55.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	49.	1
Hexachlorobutadiene	ND		ug/kg	190	52.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	150	1
Hexachloroethane	ND		ug/kg	150	28.	1
Isophorone	ND		ug/kg	170	46.	1
Naphthalene	ND		ug/kg	190	61.	1
Nitrobenzene	ND		ug/kg	170	56.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	150	48.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	54.	1
Bis(2-Ethylhexyl)phthalate	88	J	ug/kg	190	40.	1
Butyl benzyl phthalate	ND		ug/kg	190	54.	1
Di-n-butylphthalate	ND		ug/kg	190	33.	1
Di-n-octylphthalate	ND		ug/kg	190	52.	1
Diethyl phthalate	ND		ug/kg	190	34.	1
Dimethyl phthalate	ND		ug/kg	190	32.	1
Benzo(a)anthracene	48	J	ug/kg	120	38.	1

Project Name: MON1201 **Lab Number:** L1203659

Project Number: MON1201 **Report Date:** 03/12/12

SAMPLE RESULTS

Lab ID: L1203659-07 Date Collected: 03/01/12 13:52

Client ID: SB-5 5-10' Date Received: 03/02/12

Sample Location: 155 3RD ST., BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	55	J	ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	30.	1
Chrysene	52	J	ug/kg	120	30.	1
Acenaphthylene	ND		ug/kg	150	50.	1
Anthracene	ND		ug/kg	120	27.	1
Benzo(ghi)perylene	ND		ug/kg	150	49.	1
Fluorene	ND		ug/kg	190	36.	1
Phenanthrene	63	J	ug/kg	120	32.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	36.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	150	47.	1
Pyrene	73	J	ug/kg	120	32.	1
Biphenyl	ND		ug/kg	440	140	1
4-Chloroaniline	ND		ug/kg	190	65.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	22.	1
4-Nitroaniline	ND		ug/kg	190	120	1
Dibenzofuran	ND		ug/kg	190	40.	1
2-Methylnaphthalene	ND		ug/kg	230	76.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	62.	1
Acetophenone	ND		ug/kg	190	62.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	35.	1
P-Chloro-M-Cresol	ND		ug/kg	190	40.	1
2-Chlorophenol	ND		ug/kg	190	60.	1
2,4-Dichlorophenol	ND		ug/kg	170	56.	1
2,4-Dimethylphenol	ND		ug/kg	190	80.	1
2-Nitrophenol	ND		ug/kg	420	140	1
4-Nitrophenol	ND		ug/kg	270	82.	1
2,4-Dinitrophenol	ND		ug/kg	930	300	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	180	1
Pentachlorophenol	ND		ug/kg	150	46.	1
Phenol	ND		ug/kg	190	61.	1
2-Methylphenol	ND		ug/kg	190	48.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	84.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	45.	1
Benzoic Acid	ND		ug/kg	630	160	1
Benzyl Alcohol	ND		ug/kg	190	45.	1
Carbazole	ND		ug/kg	190	31.	1

Project Name: MON1201 **Lab Number:** L1203659

Project Number: MON1201 **Report Date:** 03/12/12

SAMPLE RESULTS

Lab ID: L1203659-07 Date Collected: 03/01/12 13:52

Client ID: SB-5 5-10' Date Received: 03/02/12

Sample Location: 155 3RD ST., BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		25-120
Phenol-d6	56		10-120
Nitrobenzene-d5	52		23-120
2-Fluorobiphenyl	54		30-120
2,4,6-Tribromophenol	69		0-136
4-Terphenyl-d14	70		18-120

Project Name: MON1201 **Lab Number:** L1203659

Project Number: MON1201 **Report Date:** 03/12/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270C
Analytical Date: 03/07/12 16:35
Analyst: JC

Extraction Method: EPA 3510C
Extraction Date: 03/03/12 10:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 05 Batch: WG521244-1					
Acenaphthene	ND		ug/l	0.20	0.06
2-Chloronaphthalene	ND		ug/l	0.20	0.07
Fluoranthene	ND		ug/l	0.20	0.04
Hexachlorobutadiene	ND		ug/l	0.50	0.07
Naphthalene	ND		ug/l	0.20	0.06
Benzo(a)anthracene	ND		ug/l	0.20	0.06
Benzo(a)pyrene	ND		ug/l	0.20	0.07
Benzo(b)fluoranthene	ND		ug/l	0.20	0.07
Benzo(k)fluoranthene	ND		ug/l	0.20	0.07
Chrysene	ND		ug/l	0.20	0.05
Acenaphthylene	ND		ug/l	0.20	0.05
Anthracene	ND		ug/l	0.20	0.06
Benzo(ghi)perylene	ND		ug/l	0.20	0.07
Fluorene	ND		ug/l	0.20	0.06
Phenanthrene	ND		ug/l	0.20	0.06
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.07
Indeno(1,2,3-cd)Pyrene	ND		ug/l	0.20	0.08
Pyrene	ND		ug/l	0.20	0.06
2-Methylnaphthalene	ND		ug/l	0.20	0.06
Pentachlorophenol	ND		ug/l	0.80	0.19
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.07

Project Name: MON1201 **Lab Number:** L1203659

Project Number: MON1201 **Report Date:** 03/12/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270C
Analytical Date: 03/07/12 16:35
Analyst: JC

Extraction Method: EPA 3510C
Extraction Date: 03/03/12 10:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 05 Batch: WG521244-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		21-120
Phenol-d6	32		10-120
Nitrobenzene-d5	105		23-120
2-Fluorobiphenyl	79		15-120
2,4,6-Tribromophenol	83		10-120
4-Terphenyl-d14	84		41-149

Project Name: MON1201 **Lab Number:** L1203659

Project Number: MON1201 **Report Date:** 03/12/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270C
Analytical Date: 03/08/12 11:01
Analyst: RC

Extraction Method: EPA 3510C
Extraction Date: 03/05/12 16:17

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG521485-1					
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.67
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39
1,2-Dichlorobenzene	ND		ug/l	2.0	0.55
1,3-Dichlorobenzene	ND		ug/l	2.0	0.55
1,4-Dichlorobenzene	ND		ug/l	2.0	0.55
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.85
2,4-Dinitrotoluene	ND		ug/l	5.0	0.45
2,6-Dinitrotoluene	ND		ug/l	5.0	0.46
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.61
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.67
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.50
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.40
Hexachlorocyclopentadiene	ND		ug/l	20	2.1
Isophorone	ND		ug/l	5.0	0.35
Nitrobenzene	ND		ug/l	2.0	0.50
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/l	2.0	0.70
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.39
Bis(2-Ethylhexyl)phthalate	ND		ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	0.46
Di-n-butylphthalate	ND		ug/l	5.0	0.54
Di-n-octylphthalate	ND		ug/l	5.0	0.53
Diethyl phthalate	ND		ug/l	5.0	0.45
Dimethyl phthalate	ND		ug/l	5.0	0.45
Biphenyl	ND		ug/l	2.0	0.50
4-Chloroaniline	ND		ug/l	5.0	0.83
2-Nitroaniline	ND		ug/l	5.0	0.40
3-Nitroaniline	ND		ug/l	5.0	0.59
4-Nitroaniline	ND		ug/l	5.0	0.55
Dibenzofuran	ND		ug/l	2.0	0.47
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.65
Acetophenone	ND		ug/l	5.0	0.55

Project Name: MON1201 **Lab Number:** L1203659

Project Number: MON1201 **Report Date:** 03/12/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270C
Analytical Date: 03/08/12 11:01
Analyst: RC

Extraction Method: EPA 3510C
Extraction Date: 03/05/12 16:17

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG521485-1					
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.45
P-Chloro-M-Cresol	ND		ug/l	2.0	0.50
2-Chlorophenol	ND		ug/l	2.0	0.34
2,4-Dichlorophenol	ND		ug/l	5.0	0.43
2,4-Dimethylphenol	ND		ug/l	5.0	1.2
2-Nitrophenol	ND		ug/l	10	0.48
4-Nitrophenol	ND		ug/l	10	1.2
2,4-Dinitrophenol	ND		ug/l	20	1.4
4,6-Dinitro-o-cresol	ND		ug/l	10	0.59
Phenol	ND		ug/l	5.0	0.26
2-Methylphenol	ND		ug/l	5.0	0.53
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.47
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.45
Benzoic Acid	ND		ug/l	50	1.0
Benzyl Alcohol	ND		ug/l	2.0	0.47
Carbazole	ND		ug/l	2.0	0.53
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Project Name: MON1201 **Lab Number:** L1203659

Project Number: MON1201 **Report Date:** 03/12/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270C
Analytical Date: 03/08/12 11:01
Analyst: RC

Extraction Method: EPA 3510C
Extraction Date: 03/05/12 16:17

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG521485-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	38		21-120
Phenol-d6	23		10-120
Nitrobenzene-d5	48		23-120
2-Fluorobiphenyl	52		15-120
2,4,6-Tribromophenol	82		10-120
4-Terphenyl-d14	74		41-149

Project Name: MON1201 **Lab Number:** L1203659

Project Number: MON1201 **Report Date:** 03/12/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270C
Analytical Date: 03/10/12 16:03
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 03/06/12 18:13

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04,06-07 Batch: WG521690-1					
Acenaphthene	ND		ug/kg	130	36.
1,2,4-Trichlorobenzene	ND		ug/kg	160	48.
Hexachlorobenzene	ND		ug/kg	99	26.
Bis(2-chloroethyl)ether	ND		ug/kg	150	31.
2-Chloronaphthalene	ND		ug/kg	160	49.
1,2-Dichlorobenzene	ND		ug/kg	160	48.
1,3-Dichlorobenzene	ND		ug/kg	160	51.
1,4-Dichlorobenzene	ND		ug/kg	160	47.
3,3'-Dichlorobenzidine	ND		ug/kg	160	59.
2,4-Dinitrotoluene	ND		ug/kg	160	49.
2,6-Dinitrotoluene	ND		ug/kg	160	54.
Fluoranthene	ND		ug/kg	99	22.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	29.
4-Bromophenyl phenyl ether	ND		ug/kg	160	34.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	46.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	41.
Hexachlorobutadiene	ND		ug/kg	160	44.
Hexachlorocyclopentadiene	ND		ug/kg	470	130
Hexachloroethane	ND		ug/kg	130	24.
Isophorone	ND		ug/kg	150	39.
Naphthalene	ND		ug/kg	160	52.
Nitrobenzene	ND		ug/kg	150	48.
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	130	41.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	46.
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	160	34.
Butyl benzyl phthalate	ND		ug/kg	160	46.
Di-n-butylphthalate	ND		ug/kg	160	28.
Di-n-octylphthalate	ND		ug/kg	160	44.
Diethyl phthalate	ND		ug/kg	160	28.
Dimethyl phthalate	ND		ug/kg	160	27.

Project Name: MON1201 **Lab Number:** L1203659

Project Number: MON1201 **Report Date:** 03/12/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270C
Analytical Date: 03/10/12 16:03
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 03/06/12 18:13

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04,06-07 Batch: WG521690-1					
Benzo(a)anthracene	ND		ug/kg	99	32.
Benzo(a)pyrene	ND		ug/kg	130	39.
Benzo(b)fluoranthene	ND		ug/kg	99	29.
Benzo(k)fluoranthene	ND		ug/kg	99	25.
Chrysene	ND		ug/kg	99	26.
Acenaphthylene	ND		ug/kg	130	43.
Anthracene	ND		ug/kg	99	23.
Benzo(ghi)perylene	ND		ug/kg	130	42.
Fluorene	ND		ug/kg	160	30.
Phenanthrene	ND		ug/kg	99	27.
Dibenzo(a,h)anthracene	ND		ug/kg	99	30.
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	130	40.
Pyrene	ND		ug/kg	99	27.
Biphenyl	ND		ug/kg	380	110
4-Chloroaniline	ND		ug/kg	160	55.
2-Nitroaniline	ND		ug/kg	160	30.
3-Nitroaniline	ND		ug/kg	160	18.
4-Nitroaniline	ND		ug/kg	160	100
Dibenzofuran	ND		ug/kg	160	34.
2-Methylnaphthalene	ND		ug/kg	200	65.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	52.
Acetophenone	ND		ug/kg	160	53.
2,4,6-Trichlorophenol	ND		ug/kg	99	30.
P-Chloro-M-Cresol	ND		ug/kg	160	34.
2-Chlorophenol	ND		ug/kg	160	51.
2,4-Dichlorophenol	ND		ug/kg	150	48.
2,4-Dimethylphenol	ND		ug/kg	160	68.
2-Nitrophenol	ND		ug/kg	360	120
4-Nitrophenol	ND		ug/kg	230	70.
2,4-Dinitrophenol	ND		ug/kg	790	250

Project Name: MON1201 **Lab Number:** L1203659

Project Number: MON1201 **Report Date:** 03/12/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270C
Analytical Date: 03/10/12 16:03
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 03/06/12 18:13

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04,06-07 Batch: WG521690-1					
4,6-Dinitro-o-cresol	ND		ug/kg	430	160
Pentachlorophenol	ND		ug/kg	130	39.
Phenol	ND		ug/kg	160	52.
2-Methylphenol	ND		ug/kg	160	40.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	71.
2,4,5-Trichlorophenol	ND		ug/kg	160	38.
Benzoic Acid	ND		ug/kg	530	140
Benzyl Alcohol	ND		ug/kg	160	38.
Carbazole	ND		ug/kg	160	26.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	67		0-136
4-Terphenyl-d14	79		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: MON1201
Project Number: MON1201

Lab Number: L1203659
Report Date: 03/12/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 05 Batch: WG521244-2 WG521244-3								
Acenaphthene	76		76		37-111	0		40
2-Chloronaphthalene	79		80		40-140	1		40
Fluoranthene	97		97		40-140	0		40
Hexachlorobutadiene	76		75		40-140	1		40
Naphthalene	73		73		40-140	0		40
Benzo(a)anthracene	82		84		40-140	2		40
Benzo(a)pyrene	71		73		40-140	3		40
Benzo(b)fluoranthene	80		81		40-140	1		40
Benzo(k)fluoranthene	76		78		40-140	3		40
Chrysene	78		81		40-140	4		40
Acenaphthylene	86		88		40-140	2		40
Anthracene	79		81		40-140	3		40
Benzo(ghi)perylene	73		75		40-140	3		40
Fluorene	80		84		40-140	5		40
Phenanthrene	77		79		40-140	3		40
Dibenzo(a,h)anthracene	80		82		40-140	2		40
Indeno(1,2,3-cd)Pyrene	78		80		40-140	3		40
Pyrene	95		100		26-127	5		40
2-Methylnaphthalene	78		79		40-140	1		40
Pentachlorophenol	79		85		9-103	7		40
Hexachlorobenzene	76		77		40-140	1		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: MON1201

Project Number: MON1201

Lab Number: L1203659

Report Date: 03/12/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 05 Batch: WG521244-2 WG521244-3								
Hexachloroethane	74		72		40-140	3		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	43		43		21-120
Phenol-d6	36		35		10-120
Nitrobenzene-d5	105		100		23-120
2-Fluorobiphenyl	81		79		15-120
2,4,6-Tribromophenol	51		61		10-120
4-Terphenyl-d14	82		83		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: MON1201
Project Number: MON1201

Lab Number: L1203659
Report Date: 03/12/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG521485-2 WG521485-3								
1,2,4-Trichlorobenzene	63		69		39-98	9		30
Bis(2-chloroethyl)ether	66		70		40-140	6		30
1,2-Dichlorobenzene	61		67		40-140	9		30
1,3-Dichlorobenzene	60		64		40-140	6		30
1,4-Dichlorobenzene	58		65		36-97	11		30
3,3'-Dichlorobenzidine	49		62		40-140	23		30
2,4-Dinitrotoluene	91		93		24-96	2		30
2,6-Dinitrotoluene	88		92		40-140	4		30
4-Chlorophenyl phenyl ether	83		83		40-140	0		30
4-Bromophenyl phenyl ether	87		88		40-140	1		30
Bis(2-chloroisopropyl)ether	66		77		40-140	15		30
Bis(2-chloroethoxy)methane	70		78		40-140	11		30
Hexachlorocyclopentadiene	**15**	Q	**18**	Q	40-140	18		30
Isophorone	74		80		40-140	8		30
Nitrobenzene	67		72		40-140	7		30
NitrosoDiPhenylAmine(NDPA)/DPA	78		84		40-140	7		30
n-Nitrosodi-n-propylamine	73		76		29-132	4		30
Bis(2-Ethylhexyl)phthalate	80		82		40-140	2		30
Butyl benzyl phthalate	87		92		40-140	6		30
Di-n-butylphthalate	85		89		40-140	5		30
Di-n-octylphthalate	85		88		40-140	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: MON1201

Project Number: MON1201

Lab Number: L1203659

Report Date: 03/12/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG521485-2 WG521485-3								
Diethyl phthalate	85		85		40-140	0		30
Dimethyl phthalate	81		84		40-140	4		30
Biphenyl	75		79			5		30
4-Chloroaniline	**34**	Q	**36**	Q	40-140	6		30
2-Nitroaniline	93		93		52-143	0		30
3-Nitroaniline	60		59		25-145	2		30
4-Nitroaniline	76		85		51-143	11		30
Dibenzofuran	81		82		40-140	1		30
1,2,4,5-Tetrachlorobenzene	70		74		2-134	6		30
Acetophenone	77		85		39-129	10		30
2,4,6-Trichlorophenol	82		86		30-130	5		30
P-Chloro-M-Cresol	84		88		23-97	5		30
2-Chlorophenol	70		74		27-123	6		30
2,4-Dichlorophenol	80		88		30-130	10		30
2,4-Dimethylphenol	**10**	Q	39		30-130	**118**	Q	30
2-Nitrophenol	78		83		30-130	6		30
4-Nitrophenol	43		46		10-80	7		30
2,4-Dinitrophenol	73		72		20-130	1		30
4,6-Dinitro-o-cresol	77		73		20-164	5		30
Phenol	37		40		12-110	8		30
2-Methylphenol	55		72		30-130	27		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: MON1201
Project Number: MON1201

Lab Number: L1203659
Report Date: 03/12/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG521485-2 WG521485-3								
3-Methylphenol/4-Methylphenol	61		72		30-130	17		30
2,4,5-Trichlorophenol	92		88		30-130	4		30
Benzoic Acid	43		42			2		30
Benzyl Alcohol	67		75			11		30
Carbazole	83		90		55-144	8		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	50		55		21-120
Phenol-d6	37		41		10-120
Nitrobenzene-d5	71		79		23-120
2-Fluorobiphenyl	75		80		15-120
2,4,6-Tribromophenol	75		94		10-120
4-Terphenyl-d14	85		88		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: MON1201
Project Number: MON1201

Lab Number: L1203659
Report Date: 03/12/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04,06-07 Batch: WG521690-2 WG521690-3								
Acenaphthene	72		74		31-137	3		50
1,2,4-Trichlorobenzene	67		66		38-107	2		50
Hexachlorobenzene	80		83		40-140	4		50
Bis(2-chloroethyl)ether	63		61		40-140	3		50
2-Chloronaphthalene	72		73		40-140	1		50
1,2-Dichlorobenzene	66		65		40-140	2		50
1,3-Dichlorobenzene	62		62		40-140	0		50
1,4-Dichlorobenzene	62		62		28-104	0		50
3,3'-Dichlorobenzidine	43		45		40-140	5		50
2,4-Dinitrotoluene	86		86		28-89	0		50
2,6-Dinitrotoluene	78		83		40-140	6		50
Fluoranthene	85		86		40-140	1		50
4-Chlorophenyl phenyl ether	74		78		40-140	5		50
4-Bromophenyl phenyl ether	82		81		40-140	1		50
Bis(2-chloroisopropyl)ether	66		64		40-140	3		50
Bis(2-chloroethoxy)methane	67		63		40-117	6		50
Hexachlorobutadiene	68		64		40-140	6		50
Hexachlorocyclopentadiene	46		46		40-140	0		50
Hexachloroethane	61		59		40-140	3		50
Isophorone	66		64		40-140	3		50
Naphthalene	68		68		40-140	0		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: MON1201

Project Number: MON1201

Lab Number: L1203659

Report Date: 03/12/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04,06-07 Batch: WG521690-2 WG521690-3								
Nitrobenzene	67		66		40-140	2		50
NitrosoDiPhenylAmine(NDPA)/DPA	81		82			1		50
n-Nitrosodi-n-propylamine	64		63		32-121	2		50
Bis(2-Ethylhexyl)phthalate	90		89		40-140	1		50
Butyl benzyl phthalate	84		85		40-140	1		50
Di-n-butylphthalate	85		85		40-140	0		50
Di-n-octylphthalate	85		84		40-140	1		50
Diethyl phthalate	82		82		40-140	0		50
Dimethyl phthalate	77		80		40-140	4		50
Benzo(a)anthracene	86		88		40-140	2		50
Benzo(a)pyrene	82		83		40-140	1		50
Benzo(b)fluoranthene	78		79		40-140	1		50
Benzo(k)fluoranthene	87		86		40-140	1		50
Chrysene	87		85		40-140	2		50
Acenaphthylene	70		72		40-140	3		50
Anthracene	82		83		40-140	1		50
Benzo(ghi)perylene	73		76		40-140	4		50
Fluorene	74		76		40-140	3		50
Phenanthrene	80		83		40-140	4		50
Dibenzo(a,h)anthracene	78		81		40-140	4		50
Indeno(1,2,3-cd)Pyrene	77		80		40-140	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: MON1201

Project Number: MON1201

Lab Number: L1203659

Report Date: 03/12/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04,06-07 Batch: WG521690-2 WG521690-3								
Pyrene	80		82		35-142	2		50
Biphenyl	68		69			1		50
4-Chloroaniline	**30**	Q	**31**	Q	40-140	3		50
2-Nitroaniline	79		83		47-134	5		50
3-Nitroaniline	48		51		26-129	6		50
4-Nitroaniline	74		74		41-125	0		50
Dibenzofuran	73		75		40-140	3		50
2-Methylnaphthalene	71		71		40-140	0		50
1,2,4,5-Tetrachlorobenzene	65		64		40-117	2		50
Acetophenone	65		63		14-144	3		50
2,4,6-Trichlorophenol	79		81		30-130	3		50
P-Chloro-M-Cresol	77		82		26-103	6		50
2-Chlorophenol	69		66		25-102	4		50
2,4-Dichlorophenol	75		77		30-130	3		50
2,4-Dimethylphenol	69		70		30-130	1		50
2-Nitrophenol	65		65		30-130	0		50
4-Nitrophenol	81		82		11-114	1		50
2,4-Dinitrophenol	38		23		4-130	49		50
4,6-Dinitro-o-cresol	61		53		10-130	14		50
Pentachlorophenol	75		68		17-109	10		50
Phenol	71		68		26-90	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: MON1201
Project Number: MON1201

Lab Number: L1203659
Report Date: 03/12/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04,06-07 Batch: WG521690-2 WG521690-3								
2-Methylphenol	74		72		30-130.	3		50
3-Methylphenol/4-Methylphenol	71		70		30-130	1		50
2,4,5-Trichlorophenol	83		88		30-130	6		50
Benzoic Acid	13		13			0		50
Benzyl Alcohol	71		71		40-140	0		50
Carbazole	80		82		54-128	2		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	71		64		25-120
Phenol-d6	72		67		10-120
Nitrobenzene-d5	67		62		23-120
2-Fluorobiphenyl	73		71		30-120
2,4,6-Tribromophenol	92		86		0-136
4-Terphenyl-d14	88		84		18-120

INORGANICS
&
MISCELLANEOUS

Project Name: MON1201
Project Number: MON1201

Lab Number: L1203659
Report Date: 03/12/12

SAMPLE RESULTS

Lab ID: L1203659-01
Client ID: SB-1 5-5.5'
Sample Location: 155 3RD ST., BROOKLYN, NY
Matrix: Soil

Date Collected: 03/01/12 09:10
Date Received: 03/02/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82		%	0.10	NA	1	-	03/07/12 12:28	30,2540G	SD

Project Name: MON1201
Project Number: MON1201

Lab Number: L1203659
Report Date: 03/12/12

SAMPLE RESULTS

Lab ID: L1203659-02
Client ID: SB-1 5.5-9.5'
Sample Location: 155 3RD ST., BROOKLYN, NY
Matrix: Soil

Date Collected: 03/01/12 09:20
Date Received: 03/02/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	65		%	0.10	NA	1	-	03/07/12 12:28	30,2540G	SD

Project Name: MON1201
Project Number: MON1201

Lab Number: L1203659
Report Date: 03/12/12

SAMPLE RESULTS

Lab ID: L1203659-03
Client ID: SB-2 2-5'
Sample Location: 155 3RD ST., BROOKLYN, NY
Matrix: Soil

Date Collected: 03/01/12 09:40
Date Received: 03/02/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84		%	0.10	NA	1	-	03/07/12 12:28	30,2540G	SD

Project Name: MON1201
Project Number: MON1201

Lab Number: L1203659
Report Date: 03/12/12

SAMPLE RESULTS

Lab ID: L1203659-04
Client ID: SB-2 5.5-6.5'
Sample Location: 155 3RD ST., BROOKLYN, NY
Matrix: Soil

Date Collected: 03/01/12 09:45
Date Received: 03/02/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	74		%	0.10	NA	1	-	03/07/12 12:28	30,2540G	SD

Project Name: MON1201
Project Number: MON1201

Lab Number: L1203659
Report Date: 03/12/12

SAMPLE RESULTS

Lab ID: L1203659-06
Client ID: SB-3 5-6'
Sample Location: 155 3RD ST., BROOKLYN, NY
Matrix: Soil

Date Collected: 03/01/12 12:20
Date Received: 03/02/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86		%	0.10	NA	1	-	03/07/12 12:28	30,2540G	SD

Project Name: MON1201
Project Number: MON1201

Lab Number: L1203659
Report Date: 03/12/12

SAMPLE RESULTS

Lab ID: L1203659-07
Client ID: SB-5 5-10'
Sample Location: 155 3RD ST., BROOKLYN, NY
Matrix: Soil

Date Collected: 03/01/12 13:52
Date Received: 03/02/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85		%	0.10	NA	1	-	03/07/12 12:28	30,2540G	SD

Lab Duplicate Analysis
Batch Quality Control

Project Name: MON1201
Project Number: MON1201

Lab Number: L1203659
Report Date: 03/12/12

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04,06-07 QC Batch ID: WG521867-1 QC Sample: L1203659-01 Client ID: SB-1 5-5.5'						
Solids, Total	82.	82	%	0		20

Project Name: MON1201
Project Number: MON1201

Lab Number: L1203659
Report Date: 03/12/12

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal

Cooler	
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1203659-01A	Vial Large unpreserved	A	N/A	5	Y	Absent	NYTCL-8260(14)
L1203659-01B	Amber 120ml unpreserved	A	N/A	5	Y	Absent	NYTCL-8270(14),TS(7)
L1203659-02A	Vial Large unpreserved	A	N/A	5	Y	Absent	NYTCL-8260(14)
L1203659-02B	Amber 120ml unpreserved	A	N/A	5	Y	Absent	NYTCL-8270(14),TS(7)
L1203659-03A	Vial Large unpreserved	A	N/A	5	Y	Absent	NYTCL-8260(14)
L1203659-03B	Amber 120ml unpreserved	A	N/A	5	Y	Absent	NYTCL-8270(14),TS(7)
L1203659-04A	Vial Large unpreserved	A	N/A	5	Y	Absent	NYTCL-8260(14)
L1203659-04B	Amber 120ml unpreserved	A	N/A	5	Y	Absent	NYTCL-8270(14),TS(7)
L1203659-05A	Vial HCl preserved	A	N/A	5	Y	Absent	NYTCL-8260(14)
L1203659-05B	Vial HCl preserved	A	N/A	5	Y	Absent	NYTCL-8260(14)
L1203659-05C	Amber 1000ml unpreserved	A	7	5	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1203659-05D	Amber 1000ml unpreserved	A	7	5	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1203659-06A	Vial Large unpreserved	A	N/A	5	Y	Absent	NYTCL-8260(14)
L1203659-06B	Amber 120ml unpreserved	A	N/A	5	Y	Absent	NYTCL-8270(14),TS(7)
L1203659-07A	Vial Large unpreserved	A	N/A	5	Y	Absent	NYTCL-8260(14)
L1203659-07B	Amber 120ml unpreserved	A	N/A	5	Y	Absent	NYTCL-8270(14),TS(7)

*Values in parentheses indicate holding time in days

Project Name:	MON1201	**Lab Number:**	L1203659
Project Number:	MON1201	**Report Date:**	03/12/12

GLOSSARY

Acronyms

EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

Footnotes

1	- The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A	- Spectra identified as "Aldol Condensation Product".
B	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than five times (5x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit.
C	- Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
D	- Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
E	- Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
G	- The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.
H	- The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
I	- The RPD between the results for the two columns exceeds the method-specified criteria; however, the lower value has been reported due to obvious interference.
M	- Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
NJ	- Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

Report Format: DU Report with "J" Qualifiers

Project Name:	MON1201	**Lab Number:**	L1203659
Project Number:	MON1201	**Report Date:**	03/12/12

Data Qualifiers

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL). This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the method detection limit (MDL) for the sample.

Report Format: DU Report with "J" Qualifiers

Project Name:	MON1201	**Lab Number:**	L1203659
Project Number:	MON1201	**Report Date:**	03/12/12

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IIIA, 1997.

30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certificate/Approval Program Summary

Last revised January 30, 2012 - Westboro Facility

The following list includes only those analytes/methods for which certification/approval is currently held.
For a complete listing of analytes for the referenced methods, please contact your Alpha Customer Service Representative.

Connecticut Department of Public Health Certificate/Lab ID: PH-0574. ***NELAP Accredited Solid Waste/Soil.***

Drinking Water (Inorganic Parameters: Color, pH, Turbidity, Conductivity, Alkalinity, Chloride, Free Residual Chlorine, Fluoride, Calcium Hardness, Sulfate, Nitrate, Nitrite, Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Vanadium, Zinc, Total Dissolved Solids, Total Organic Carbon, Total Cyanide, Perchlorate. Organic Parameters: Volatile Organics 524.2, Total Trihalomethanes 524.2, 1,2-Dibromo-3-chloropropane (DBCP), Ethylene Dibromide (EDB), 1,4-Dioxane (Mod 8270). Microbiology Parameters: Total Coliform-MF mEndo (SM9222B), Total Coliform – Colilert (SM9223 P/A), E. Coli. – Colilert (SM9223 P/A), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D))

Wastewater/Non-Potable Water (Inorganic Parameters: Color, pH, Conductivity, Acidity, Alkalinity, Chloride, Total Residual Chlorine, Fluoride, Total Hardness, Silica, Sulfate, Sulfide, Ammonia, Kjeldahl Nitrogen, Nitrate, Nitrite, O-Phosphate, Total Phosphorus, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Tin, Titanium, Vanadium, Zinc, Total Residue (Solids), Total Dissolved Solids, Total Suspended Solids (non-filterable), BOD, CBOD, COD, TOC, Total Cyanide, Phenolics, Foaming Agents (MBAS), Bromide, Oil and Grease. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, 2,4-D, 2,4,5-T, 2,4,5-TP(Silvex), Acid Extractables (Phenols), Benzidines, Phthalate Esters, Nitrosamines, Nitroaromatics & Isophorone, Polynuclear Aromatic Hydrocarbons, Haloethers, Chlorinated Hydrocarbons, Volatile Organics, TPH (HEM/SGT), Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH. Microbiology Parameters: Total Coliform – MF mEndo (SM9222B), Total Coliform – MTF (SM9221B), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform – A-1 Broth (SM9221E).)

Solid Waste/Soil (Inorganic Parameters: pH, Sulfide, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Tin, Vanadium, Zinc, Total Cyanide, Ignitability, Phenolics, Corrosivity, TCLP Leach (1311), SPLP Leach (1312 metals only), Reactivity. Organic Parameters: PCBs, PCBs in Oil, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH, Dicamba, 2,4-D, 2,4,5-T, 2,4,5-TP(Silvex), Volatile Organics, Acid Extractables (Phenols), 3.3'-Dichlorobenzidine, Phthalates, Nitrosamines, Nitroaromatics & Cyclic Ketones, PAHs, Haloethers, Chlorinated Hydrocarbons.)

Maine Department of Human Services Certificate/Lab ID: 2009024.
Drinking Water (Inorganic Parameters: SM9215B, 9222D, 9223B, EPA 180.1, 353.2, SM2130B, 2320B, 2540C, 4500Cl-D, 4500CN-C, 4500CN-E, 4500F-C, 4500H+B, 4500NO3-F, EPA 200.7, EPA 200.8, 245.1, EPA 300.0. Organic Parameters: 504.1, 524.2.)

Wastewater/Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 350.1, 351.1, 353.2, 410.4, 420.1, SM2320B, 2510B, 2540C, 2540D, 426C, 4500Cl-D, 4500Cl-E, 4500CN-C, 4500CN-E, 4500F-B, 4500F-C, 4500H+B, 4500Norg-B, 4500Norg-C, 4500NH3-B, 4500NH3-G, 4500NH3-H, 4500NO3-F, 4500P-B, 4500P-E, 5210B, 5220D, 5310C, 9010B, 9040B, 9030B, 7470A, 7196A, 2340B, EPA 200.7, 6010, 200.8, 6020, 245.1, 1311, 1312, 3005A, Enterolert, 9223D, 9222D. Organic Parameters: 608, 8081, 8082, 8330, 8151A, 624, 8260, 3510C, 3630C, 5030B, ME-DRO, ME-GRO, MA-EPH, MA-VPH.)

Solid Waste/Soil (Inorganic Parameters: 9010B, 9012A, 9014A, 9040B, 9045C, 6010B, 7471A, 7196A, 9050A, 1010, 1030, 9065, 1311, 1312, 3005A, 3050B. Organic Parameters: ME-DRO, ME-GRO, MA-EPH, MA-VPH, 8260B, 8270C, 8330, 8151A, 8081A, 8082, 3540C, 3546, 3580A, 3630C, 5030B, 5035.)

Massachusetts Department of Environmental Protection Certificate/Lab ID: M-MA086.
*Drinking Water (*Inorganic Parameters: (EPA 200.8 for: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl) (EPA 200.7 for: Ba,Be,Ca,Cd,Cr,Cu,Na,Ni) 245.1, (300.0 for: Nitrate-N, Fluoride, Sulfate); (EPA 353.2 for: Nitrate-N, Nitrite-N); (SM4500NO3-F for: Nitrate-N and Nitrite-N); 4500F-C, 4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, 2320B, SM2540C, SM4500H-B. Organic Parameters: (EPA 524.2 for: Trihalomethanes, Volatile Organics); (504.1 for: 1,2-Dibromoethane, 1,2-Dibromo-3-Chloropropane), EPA 332. Microbiology Parameters: SM9215B; ENZ. SUB. SM9223; ColilertQT SM9223B; MF-SM9222D.)

*Non-Potable Water (*Inorganic Parameters:, (EPA 200.8 for: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn); (EPA 200.7 for: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn); 245.1, SM4500H,B, EPA 120.1,

SM2510B, 2540C, 2340B, 2320B, 4500CL-E, 4500F-BC, 426C, SM4500NH3-BH, (EPA 350.1 for: Ammonia-N), LACHAT 10-107-06-1-B for Ammonia-N, SM4500NO3-F, 353.2 for Nitrate-N, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, 4500P-B,E, 5220D, EPA 410.4, SM 5210B, 5310C, 4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.
Organic Parameters: (EPA 624 for Volatile Halocarbons, Volatile Aromatics),(608 for: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT,Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs-Water), (EPA 625 for SVOC Acid Extractables and SVOC Base/Neutral Extractables), 600/4-81-045-PCB-Oil. Microbiology Parameters: (ColilertQT SM9223B;Enterolert-QT: SM9222D-MF.)

New Hampshire Department of Environmental Services Certificate/Lab ID: 200307. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM 9222B, 9223B, 9215B, EPA 200.7, 200.8, 245.2, 300.0, SM4500CN-E, 4500H+B, 4500NO3-F, 2320B, 2510B, 2540C, 4500F-C, 5310C, 2120B, EPA 332.0. Organic Parameters: 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM9222D, 9221B, 9222B, 9221E-EC, EPA 3005A, 200.7, 200.8, 245.1, 245.2, SW-846 6010B, 6020, 7196A, 7470A, SM3500-CR-D, EPA 120.1, 300.0, 350.1, 350.2, 351.1, 353.2, 410.4, 420.1, 1664A, SW-846 9010, 9030, 9040B, SM426C, SM2120B, 2310B, 2320B, 2540B, 2540D, 4500H+B, 4500CL-E, 4500CN-E, 4500NH3-H, 4500NO3-F, 4500NO2-B, 4500P-E, 4500-S2-D, 5210B, 5220D, 2510B, 2540C, 4500F-C, 5310C, 5540C, LACHAT 10-204-00-1-A, LACHAT 10-107-06-2-D. Organic Parameters: SW-846 3510C, 3630C, 5030B, 8260B, 8270C, 8330, EPA 624, 625, 608, SW-846 8082, 8081A, 8151A.)

Solid & Chemical Materials (Inorganic Parameters: SW-846 6010B, 7196A, 7471A, 1010, 1030, 9010, 9012A, 9014, 9030B, 9040B, 9045C, 9050C, 9065,1311, 1312, 3005A, 3050B. Organic Parameters: SW-846 3540C, 3546, 3550B, 3580A, 3630C, 5030B, 5035, 8260B, 8270C, 8330, 8151A, 8015B, 8082, 8081A.)

New Jersey Department of Environmental Protection Certificate/Lab ID: MA935. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9222B, 9221E, 9223B, 9215B, 4500CN-CE, 4500NO3-F, 4500F-C, EPA 300.0, 200.7, 200.8, 245.2, 2540C, SM2120B, 2320B, 2510B, 5310C, SM4500H-B. Organic Parameters: EPA 332, 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM5210B, EPA 410.4, SM5220D, 4500Cl-E, EPA 300.0, SM2120B, SM4500F-BC, EPA 200.7, 351.1, LACHAT 10-107-06-2-D, EPA 353.2, SM4500NO3-F, 4500NO2-B, EPA 1664A, SM5310B, C or D, 4500-PE, EPA 420.1, SM510ABC, SM4500P-B5+E, 2540B, 2540C, 2540D, EPA 120.1, SM2510B, SM15 426C, 9222D, 9221B, 9221C, 9221E, 9222B, 9215B, 2310B, 2320B, 4500NH3-H, 4500-S D, EPA 350.1, 350.2, SW-846 1312, 6020, 6020A, 7470A, 5540C, 4500H-B, EPA 200.8, SM3500Cr-D, 4500CN-CE, EPA 245.1, 245.2, SW-846 9040B, 3005A, 3015, EPA 6010B, 6010C, 7196A, 3060A, SW-846 9010B, 9030B. Organic Parameters: SW-846 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3510C, EPA 608, 624, 625, SW-846 3630C, 5030B, 8081A, 8081B, 8082, 8082A, 8151A, 8330, NJ OQA-QAM-025 Rev.7, NJ EPH.)

Solid & Chemical Materials (Inorganic Parameters: SW-846, 6010B, 6010C, 7196A, 3060A, 9010B, 9030B, 1010, 1030, 1311, 1312, 3005A, 3050B, 7471A, 7471B, 9014, 9012A, 9040B, 9045C, 9050A, 9065. Organic Parameters: SW-846 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3540C, 3545, 3546, 3550B, 3580A, 3630C, 5030B, 5035L, 5035H, NJ OQA-QAM-025 Rev.7, NJ EPH.)

New York Department of Health Certificate/Lab ID: 11148. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9223B, 9222B, 9215B, EPA 200.8, 200.7, 245.2, SM5310C, EPA 332.0, SM2320B, EPA 300.0, SM2120B, 4500CN-E, 4500F-C, 4500H-B, 4500NO3-F, 2540C, SM 2510B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: SM9221E, 9222D, 9221B, 9222B, 9215B, 5210B, 5310C, EPA 410.4, SM5220D, 2310B-4a, 2320B, EPA 200.7, 300.0, SM4500CL-E, 4500F-C, SM15 426C, EPA 350.1, SM4500NH3-BH, EPA 351.1, LACHAT 10-107-06-2, EPA 353.2, LACHAT 10-107-04-1-C, SM4500-NO3-F, 4500-NO2-B, 4500P-E, 2540C, 2540B, 2540D, EPA 200.8, EPA 6010B, 6020, EPA 7196A, SM3500Cr-D, EPA 245.1, 245.2, 7470A, SM2120B, LACHAT 10-204-00-1-A, EPA 9040B, SM4500-HB, EPA 1664A, EPA 420.1, SM14 510C, EPA 120.1, SM2510B, SM4500S-D, SM5540C, EPA 3005A, 9010B, 9030B.. Organic Parameters: EPA 624, 8260B, 8270C, 625, 608, 8081A, 8151A, 8330, 8082, EPA 3510C, 5030B.)

Solid & Hazardous Waste (Inorganic Parameters: 1010, 1030, EPA 6010B, 7196A, 7471A, 9012A, 9014, 9040B, 9045C, 9065, 9050, EPA 1311, 1312, 3005A, 3050B, 9010B, 9030B. Organic Parameters: EPA 8260B, 8270C, 8015B, 8081A, 8151A, 8330, 8082, 3540C, 3545, 3546, 3580, 5030B, 5035.)

North Carolina Department of the Environment and Natural Resources Certificate/Lab ID : 666. Organic Parameters: MA-EPH, MA-VPH.

Drinking Water Program Certificate/Lab ID: 25700. (Inorganic Parameters: Chloride EPA 300.0. Organic Parameters: 524.2)

Pennsylvania Department of Environmental Protection Certificate/Lab ID : 68-03671. ***NELAP Accredited.***
Drinking Water (Organic Parameters: EPA 524.2, 504.1)

Non-Potable Water (Inorganic Parameters: EPA 1312, 200.7, 410.4, 1664A, SM2540D, 5210B, 5220D, 4500-P,BE. Organic Parameters: EPA 3510C, 3005A, 3630C, 5030B, 625, 624, 608, 8081A, 8081B, 8082, 802A, 8151A, 8260B, 8270C, 8270D, 8330)

Solid & Hazardous Waste (Inorganic Parameters: EPA 350.1, 1010, 1030, 1311, 1312, 3050B, 3060A, 6010B, 6010C, 7196A, 7471A, 9010B, 9012A, 9014, 9040B, 9045C, 9050, 9065, SM 4500NH3-H. Organic Parameters: 3540C, 3546, 3580A, 3630C, 5035, 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8260B, 8270C, 8270D, 8330)

Rhode Island Department of Health Certificate/Lab ID: LAO00065. ***NELAP Accredited via NY-DOH.***
Refer to MA-DEP Certificate for Potable and Non-Potable Water.
Refer to NJ-DEP Certificate for Potable and Non-Potable Water.

Texas Commisson on Environmental Quality Certificate/Lab ID: T104704476-09-1. ***NELAP Accredited.***
Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664, 200.7, 200.8, 245.1, 245.2, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1, 6010, 6020, 7196, 7470, 9040, SM 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 426C, 4500CL-E, 4500CN-E, 4500F-C, 4500H+B, 4500NH3-H, 4500NO2B, 4500P-E, 4500 $S2^{-}$D, 510C, 5210B, 5220D, 5310C, 5540C. Organic Parameters: EPA 608, 624, 625, 8081, 8082, 8151, 8260, 8270, 8330.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1311, 1312, 9012, 9014, 9040, 9045, 9050, 9065.)

Virginia Division of Consolidated Laboratory Services Certificate/Lab ID: 460195. ***NELAP Accredited.***
Non-Potable Water (Inorganic Parameters: EPA 3005A,3015,1312,6010B,6010C,SM4500S-D, SM4500-CN-CE, Lachat 10-204-00-1-X. Organic Parameters: EPA 8260B)

Solid & Hazardous Waste (Inorganic Parameters: EPA 3050B, 1311, 1312, 6010B, 6010C, 9030B, 9010B, 9012A, 9014. Organic Parameters: EPA 5035, 5030B, 8260B.)

Department of Defense, L-A-B Certificate/Lab ID: L2217.
Drinking Water (Inorganic Parameters: SM 4500H-B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: EPA 200.7, 200.8, 6010B, 6020, 245.1, 245.2, 7470A, 9040B, 300.0, 332.0, 6860, 353.2, 410.4, 9060, 1664A, SM 4500CN-E, 4500H-B, 4500NO3-F, 5220D, 5310C, 2320B, 2540C, 3005A, 3015, 9010B, 9056. Organic Parameters: EPA 8260B, 8270C, 8330A, 625, 8082, 8081A, 3510C, 5030B, MassDEP EPH, MassDEP VPH.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 200.7, 6010B, 7471A, 9010, 9012A, 6860, 1311, 1312, 3050B, 7196A, 9010B, 3500-CR-D, 4500CN-CE, 2540G, Organic Parameters: EPA 8260B, 8270C, 8330A/B-prep, 8082, 8081A, 3540C, 3546, 3580A, 5035A, MassDEP EPH, MassDEP VPH.)

The following analytes are not included in our current NELAP/TNI Scope of Accreditation:
EPA 8260B: Freon-113, 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene. **EPA 8330A:** PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT. **EPA 8270C:** Methyl naphthalene, Dimethyl naphthalene, Total Methylnapthalenes, Total Dimethylnaphthalenes, 1,4-Diphenylhydrazine (Azobenzene). **EPA 625:** 4-Chloroaniline, 4-Methylphenol. Total Phosphorus in a soil matrix, Chloride in a soil matrix, TKN in a soil matrix, NO2 in a soil matrix, NO3 in a soil matrix, SO4 in a soil matrix.

ALPHA ANALYTICAL

CHAIN OF CUSTODY

PAGE 1 OF 1

WESTBORO, MA
TEL: 508-898-9220
FAX: 508-898-9193

MANSFIELD, MA
TEL: 508-822-9300
FAX: 508-822-3288

Date Rec'd in Lab: 3-2-12

ALPHA Job #: L1203659

Client Information

Client: P.W. Grosser Consulting
Address: 630 Johnson Ave, Suite 7
Bohemia, NY 11716
Phone: (631) 589-6353
Fax: dereke@pwgrosser.com
Email: zacharyh@pwgrosser.com
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: MON1201
Project Location: 155 3rd St Brooklyn, NY
Project #: MON1201
Project Manager: Derek Eisbach
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: 3/9/12 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☐ ADEx ☐ Add'l Deliverables

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program	Criteria

Other Project Specific Requirements/Comments/Detection Limits:

ANALYSIS: VOCs 8260; SVOCs 8270

SAMPLE HANDLING
Filtration ________
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOCs 8260	SVOCs 8270	Sample Specific Comments	TOTAL # BOTTLES
1	SB-1 5-5.5'	3/1/12	0910	S	ZH	X	X		2
2	SB-1 5.5-9.5'	↓	0920	S	↓	↓	↓		2
3	SB-2 2-5'		0940	S					2
4	SB-2 5.5-6.5'		0945	S					2
5	MW-6		1210	GW					4
6	SB-3 5-6'		1220	S					2
7	SB-5 5-10'	3/1/12	1352	S	ZH	X	X		2

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	3/2/12 1205	[signature]	3/2/12 12:05
[signature]	3/2/12 1730	[signature]	3/2/12 1730
[signature]	3/2/12	[signature] Moss	3/2/12 2230

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 14-OCT-07)

APPENDIX B

CLEANEARTH

Faster, smarter, greener solutions.

5 June 2012

Arthur Baldwin
Director of Environmental Services
PAL Environmental Services
11-02 Queens Plaza South
Long Island City, NY 11101

RE: *Letter of Acceptance for MON 1202- 155 3rd Street, Brooklyn, NY 11231*

Dear Mr. Baldwin,
Clean Earth of Carteret (CEC) has received the analytical results performed by Environmental Quality Services, Inc. (EQS Project: 1205346) for the above referenced site. Based upon the review of the data and profile provided, CEC can accept the non-hazardous petroleum impacted soil being generated from the site. CEC's acceptance criteria limits us to accept only Non Hazardous petroleum (<1% by volume) impacted soils into our facility. Any soils with free petroleum product or liquids, sludge, or hazardous waste cannot be accepted. A summary of the analysis showed one Total VOCs, one Total SVOCs, one PCBs, one total Metals, one TPH and one RCRA were completed.

Please note that TPH analysis (every 150 Tons) is required to comply with CEC's Class B permit. In essence of saving time, CEC can collect the samples as required upon arrival at the facility and bill accordingly.

If you should have any questions or require any additional information, please call me at (732) 541-8909.

Sincerely;

John Eshelman

John Eshelman
Operations Manager

APPENDIX C

12-6324

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8300 Fax: (732) 541-8105

Ticket: 3070002224327

	Date	Time	Scale
In:	6/8/2012	07:26:17	Scale 1
Out:	6/8/2012	07:35:18	Scale 1

	Lbs	Tns
Gross:	59780	29.89
Tare:	28880	14.44
Net:	30900	15.45

Manifest: 3R001
Vehicle ID: PAL1

Customer: P.A.L. ENVIRONMENTAL SAFE

Facility Approval#: 1230709Z3

Generator: 155 3rd Street, LLC
Gen Address: 115 3rd Street
Brooklyn, NY 11231

Job Name: 155 3rd St LLC / MON1202 Proj
Job Address: 155 3rd Street
Brooklyn, NY 11231

Origin	Materials & Services	Quantity	Unit
Kings	Soil Treatment Type II	15.45	Tns

Contaminate Type: NON SPECIFIC SOURCE
Treatment Type: Bio
Fac Waste Code: NJ DEP ID 27

Comments:

Driver: _____
Ben

Facility: _____
Lukasz Ceglarek

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. N/A	Manifest Document No. 3rd01	2. Page 1 of 1

3. Generator's Name and Mailing Address
155 3rd Street, LLC
155 3rd Street
Brooklyn, NY 11231

12-6324

4. Generator's Phone (718) 875-8160

5. Transporter 1 Company Name	6. US EPA ID Number	
PAL Environmental Services, Inc	NYR000134791	A. State Transporter's ID
		B. Transporter 1 Phone ~~718-349-0900~~
7. Transporter 2 Company Name	**8. US EPA ID Number**	C. State Transporter's ID
		D. Transporter 2 Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	
Clean Earth of Carteret 24 Middlesex Avenue Carteret, NJ 07008	N/A	E. State Facility's ID F. Facility's Phone 732-541-8909

11. WASTE DESCRIPTION	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non Hazardous/Non Regulated Soil	001	DT	15	Y
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above
Approval # 123070923
Global # 125537

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
In case of an emergency contact PAL Environmental at 718-349-0900

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

PAL # 1

Printed/Typed Name	Signature	Date Month	Day	Year
[illegible handwriting]	[signature]	06	07	12

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year
[illegible handwriting]	[signature]	6	7	12

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year
	[signature]	6	8	12

19. Discrepancy Indication Space

20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name	Signature	Date Month	Day	Year
R. Wickham	[signature]	6	8	12

GENERATOR — TRANSPORTER — FACILITY — NON-HAZARDOUS WASTE

APPENDIX D

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

5/30/2012

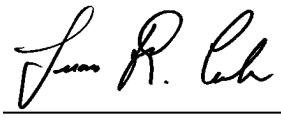
Laboratory Identifier: 1205346
Received: 5/24/2012 17:25
Sampled by: Zach Halsey

Client: PW Grosser Consulting Engineers PC
630 Johnson Avenue - Suite 7
Bohemia,
NY 11716-2618

Project: MON 1202
155 3rd St
Brooklyn,
NY

Manager: Derek Ersbak

Respectfully submitted,



Juan R.Cuba - Technical Director

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

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

5/30/2012

Volatiles - EPA 8260B

Sample: 1205346-1
Client Sample ID: GW-EP
Collected: 5/24/2012 14:10
Matrix: Liquid
Type: Grab
Remarks: See Case Narrative
Analyzed Date: 5/25/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	C4097-843	0.84	ND	ug/L	U
71-55-6	1,1,1-Trichloroethane	C4097-843	1.04	ND	ug/L	U
79-34-5	1,1,2,2-Tetrachloroethane	C4097-843	0.92	ND	ug/L	U
79-00-5	1,1,2-Trichloroethane	C4097-843	1.02	ND	ug/L	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C4097-843	0.94	ND	ug/L	U
75-34-3	1,1-Dichloroethane	C4097-843	0.60	ND	ug/L	U
75-35-4	1,1-Dichloroethene	C4097-843	0.74	ND	ug/L	U
563-58-6	1,1-Dichloropropene	C4097-843	0.72	ND	ug/L	U
87-61-6	1,2,3-Trichlorobenzene	C4097-843	0.72	ND	ug/L	U
96-18-4	1,2,3-Trichloropropane	C4097-843	1.08	ND	ug/L	U
95-93-2	1,2,4,5-Tetramethylbenzene	C4097-843	0.70	ND	ug/L	U
120-82-1	1,2,4-Trichlorobenzene	C4097-843	0.90	ND	ug/L	U
95-63-6	1,2,4-Trimethylbenzene	C4097-843	0.88	ND	ug/L	U
96-12-8	1,2-Dibromo-3-chloropropane	C4097-843	0.56	ND	ug/L	U
106-93-4	1,2-Dibromoethane	C4097-843	0.94	ND	ug/L	U
95-50-1	1,2-Dichlorobenzene	C4097-843	0.98	ND	ug/L	U
107-06-2	1,2-Dichloroethane	C4097-843	1.00	ND	ug/L	U
78-87-5	1,2-Dichloropropane	C4097-843	1.04	ND	ug/L	U
108-67-8	1,3,5-Trimethylbenzene	C4097-843	0.86	ND	ug/L	U
541-73-1	1,3-Dichlorobenzene	C4097-843	0.76	ND	ug/L	U
142-28-9	1,3-Dichloropropane	C4097-843	0.92	ND	ug/L	U
106-46-7	1,4-Dichlorobenzene	C4097-843	0.80	ND	ug/L	U
590-20-7	2,2-Dichloropropane	C4097-843	1.18	ND	ug/L	U
78-93-3	2-Butanone	C4097-843	3.84	ND	ug/L	U
110-75-8	2-Chloroethylvinylether	C4097-843	1.00	ND	ug/L	U
95-49-8	2-Chlorotoluene	C4097-843	0.72	ND	ug/L	U
591-78-6	2-Hexanone	C4097-843	4.46	ND	ug/L	U
106-43-4	4-Chlorotoluene	C4097-843	1.04	ND	ug/L	U
99-87-6	4-Isopropyltoluene	C4097-843	0.68	ND	ug/L	U
108-10-1	4-Methyl-2-pentanone	C4097-843	3.64	ND	ug/L	U
67-64-1	Acetone	C4097-843	5.84	ND	ug/L	U
107-13-1	Acrylonitrile	C4097-843	15.3	ND	ug/L	U

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

5/30/2012

Volatiles - EPA 8260B

Sample: 1205346-1
Client Sample ID: GW-EP
Collected: 5/24/2012 14:10
Matrix: Liquid
Type: Grab
Remarks: See Case Narrative
Analyzed Date: 5/25/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result	Units	Q
71-43-2	Benzene	C4097-843	0.86	ND	ug/L	U
108-86-1	Bromobenzene	C4097-843	0.74	ND	ug/L	U
74-97-5	Bromochloromethane	C4097-843	1.06	ND	ug/L	U
75-27-4	Bromodichloromethane	C4097-843	1.00	ND	ug/L	U
75-25-2	Bromoform	C4097-843	0.74	ND	ug/L	U
74-83-9	Bromomethane	C4097-843	1.18	ND	ug/L	U
156-59-2	c-1,2-Dichloroethene	C4097-843	0.84	ND	ug/L	U
10061-01-5	c-1,3-Dichloropropene	C4097-843	1.04	ND	ug/L	U
75-15-0	Carbon disulfide	C4097-843	0.80	ND	ug/L	U
56-23-5	Carbon Tetrachloride	C4097-843	0.88	ND	ug/L	U
108-90-7	Chlorobenzene	C4097-843	0.96	ND	ug/L	U
75-00-3	Chloroethane	C4097-843	1.88	ND	ug/L	U
67-66-3	Chloroform	C4097-843	0.92	ND	ug/L	U
74-87-3	Chloromethane	C4097-843	1.02	ND	ug/L	U
124-48-1	Dibromochloromethane	C4097-843	0.86	ND	ug/L	U
74-95-3	Dibromomethane	C4097-843	0.94	ND	ug/L	U
75-71-8	Dichlorodifluoromethane	C4097-843	0.98	ND	ug/L	U
100-41-4	Ethylbenzene	C4097-843	0.82	ND	ug/L	U
87-68-3	Hexachlorobutadiene	C4097-843	1.08	ND	ug/L	U
98-82-8	Isopropylbenzene	C4097-843	0.88	ND	ug/L	U
108-38-3	m,p-xylene	C4097-843	1.72	ND	ug/L	U
1634-04-4	Methyl t-butyl ether	C4097-843	1.00	ND	ug/L	U
75-09-2	Methylene Chloride	C4097-843	0.78	ND	ug/L	U
104-51-8	n-Butylbenzene	C4097-843	0.86	ND	ug/L	U
103-65-1	n-Propylbenzene	C4097-843	0.82	ND	ug/L	U
91-20-3	Naphthalene	C4097-843	0.66	ND	ug/L	U
95-47-6	o-xylene	C4097-843	0.74	ND	ug/L	U
105-05-5	p-Diethylbenzene	C4097-843	0.78	ND	ug/L	U
622-96-8	p-Ethyltoluene	C4097-843	0.78	ND	ug/L	U
135-98-8	sec-Butylbenzene	C4097-843	0.72	ND	ug/L	U
100-42-5	Styrene	C4097-843	0.78	ND	ug/L	U
156-60-5	t-1,2-Dichloroethene	C4097-843	0.54	ND	ug/L	U

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5/30/2012

Volatiles - EPA 8260B

Sample: 1205346-1
Client Sample ID: GW-EP
Matrix: Liquid
Type: Grab
Collected: 5/24/2012 14:10
Remarks: See Case Narrative
Analyzed Date: 5/25/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result	Units	Q
10061-02-6	t-1,3-Dichloropropene	C4097-843	0.74	ND	ug/L	U
994-05-8	TAME	C4097-843	1.54	ND	ug/L	U
98-06-6	tert-Butylbenzene	C4097-843	0.88	ND	ug/L	U
75-65-0	Tertiary butyl alcohol	C4097-843	17.8	ND	ug/L	U
127-18-4	Tetrachloroethene	C4097-843	1.18	ND	ug/L	U
108-88-3	Toluene	C4097-843	0.90	ND	ug/L	U
79-01-6	Trichloroethene	C4097-843	0.92	ND	ug/L	U
75-69-4	Trichlorofluoromethane	C4097-843	1.04	ND	ug/L	U
75-01-4	Vinyl Chloride	C4097-843	0.86	ND	ug/L	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	C4097-843	101.0 %	(68 - 135)	
460-00-4	4-BROMOFLUOROBENZENE	C4097-843	97.1 %	(75 - 112)	
4774-33-8	DIBROMOFLUOROMETHANE	C4097-843	101.0 %	(80 - 132)	
2037-26-5	TOLUENE-D8	C4097-843	100.0 %	(85 - 111)	

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5/30/2012

Volatiles - EPA 8260B

Sample: 1205346-2
Client Sample ID: WC
Matrix: Soil
Type: Grab
Collected: 5/24/2012 14:30
% Solid: 78.6%
Remarks: See Case Narrative
Analyzed Date: 5/25/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	E168-1940	11.8	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	E168-1940	11.6	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	E168-1940	12.7	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	E168-1940	12.1	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	E168-1940	10.9	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	E168-1940	10.2	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	E168-1940	12.0	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	E168-1940	11.1	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	E168-1940	11.2	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	E168-1940	11.4	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	E168-1940	10.0	ND	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	E168-1940	11.8	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	E168-1940	13.9	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	E168-1940	6.42	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	E168-1940	11.9	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	E168-1940	13.2	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	E168-1940	12.8	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	E168-1940	12.8	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	E168-1940	13.7	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	E168-1940	12.9	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	E168-1940	13.9	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	E168-1940	13.5	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	E168-1940	11.0	ND	ug/Kg	U
78-93-3	2-Butanone	E168-1940	23.1	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	E168-1940	18.3	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	E168-1940	14.7	ND	ug/Kg	U
591-78-6	2-Hexanone	E168-1940	20.4	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	E168-1940	13.2	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	E168-1940	13.7	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	E168-1940	30.9	ND	ug/Kg	U
67-64-1	Acetone	E168-1940	42.9	ND	ug/Kg	U
107-13-1	Acrylonitrile	E168-1940	24.7	ND	ug/Kg	U

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5/30/2012

Volatiles - EPA 8260B

Sample: 1205346-2
Client Sample ID: WC
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 5/25/2012

Type: Grab

Collected: 5/24/2012 14:30
% Solid: 78.6%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
71-43-2	Benzene	E168-1940	11.9	ND	ug/Kg	U
108-86-1	Bromobenzene	E168-1940	13.8	ND	ug/Kg	U
74-97-5	Bromochloromethane	E168-1940	12.6	ND	ug/Kg	U
75-27-4	Bromodichloromethane	E168-1940	7.89	ND	ug/Kg	U
75-25-2	Bromoform	E168-1940	5.79	ND	ug/Kg	U
74-83-9	Bromomethane	E168-1940	12.8	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	E168-1940	11.8	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	E168-1940	12.3	ND	ug/Kg	U
75-15-0	Carbon disulfide	E168-1940	8.33	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	E168-1940	11.5	ND	ug/Kg	U
108-90-7	Chlorobenzene	E168-1940	13.6	ND	ug/Kg	U
75-00-3	Chloroethane	E168-1940	12.7	ND	ug/Kg	U
67-66-3	Chloroform	E168-1940	12.8	ND	ug/Kg	U
74-87-3	Chloromethane	E168-1940	9.48	ND	ug/Kg	U
124-48-1	Dibromochloromethane	E168-1940	7.57	ND	ug/Kg	U
74-95-3	Dibromomethane	E168-1940	10.2	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	E168-1940	6.61	ND	ug/Kg	U
100-41-4	Ethylbenzene	E168-1940	11.3	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	E168-1940	11.4	ND	ug/Kg	U
98-82-8	Isopropylbenzene	E168-1940	13.5	ND	ug/Kg	U
108-38-3	m,p-xylene	E168-1940	26.6	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	E168-1940	10.9	ND	ug/Kg	U
75-09-2	Methylene Chloride	E168-1940	12.0	ND	ug/Kg	U
104-51-8	n-Butylbenzene	E168-1940	13.7	ND	ug/Kg	U
103-65-1	n-Propylbenzene	E168-1940	12.4	ND	ug/Kg	U
91-20-3	Naphthalene	E168-1940	8.84	ND	ug/Kg	U
95-47-6	o-xylene	E168-1940	13.9	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	E168-1940	12.6	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	E168-1940	13.6	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	E168-1940	13.9	ND	ug/Kg	U
100-42-5	Styrene	E168-1940	11.5	ND	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	E168-1940	11.6	ND	ug/Kg	U

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5/30/2012

Volatiles - EPA 8260B

Sample: 1205346-2
Client Sample ID: WC
Matrix: Soil
Type: Grab
Collected: 5/24/2012 14:30
% Solid: 78.6%
Remarks: See Case Narrative
Analyzed Date: 5/25/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
10061-02-6	t-1,3-Dichloropropene	E168-1940	9.22	ND	ug/Kg	U
994-05-8	TAME	E168-1940	11.2	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	E168-1940	13.2	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	E168-1940	96.0	ND	ug/Kg	U
127-18-4	Tetrachloroethene	E168-1940	13.6	ND	ug/Kg	U
108-88-3	Toluene	E168-1940	12.1	ND	ug/Kg	U
79-01-6	Trichloroethene	E168-1940	11.1	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	E168-1940	12.1	ND	ug/Kg	U
75-01-4	Vinyl Chloride	E168-1940	14.0	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	E168-1940	116.0 %	(79 - 132)	
460-00-4	4-BROMOFLUOROBENZENE	E168-1940	122.0 %	(79 - 115)	D
4774-33-8	DIBROMOFLUOROMETHANE	E168-1940	107.0 %	(77 - 127)	
2037-26-5	TOLUENE-D8	E168-1940	114.0 %	(87 - 109)	D

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5/30/2012

Semivolatile Compounds - EPA 8270C

Sample: 1205346-1
Client Sample ID: GW-EP
Collected: 5/24/2012 14:10
Matrix: Liquid
Type: Grab
Remarks:
Analyzed Date: 5/29/2012
Preparation Date(s) : 5/25/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result	Units	Q
120-82-1	1,2,4-Trichlorobenzene	A42-177	0.64	ND	ug/L	U
95-50-1	1,2-Dichlorobenzene	A42-177	0.65	ND	ug/L	U
122-66-7	1,2-Diphenylhydrazine	A42-177	1.02	ND	ug/L	U
541-73-1	1,3-Dichlorobenzene	A42-177	0.68	ND	ug/L	U
106-46-7	1,4-Dichlorobenzene	A42-177	0.73	ND	ug/L	U
58-90-2	2,3,4,6-Tetrachlorophenol	A42-177	0.72	ND	ug/L	U
95-95-4	2,4,5-Trichlorophenol	A42-177	0.52	ND	ug/L	U
88-06-2	2,4,6-Trichlorophenol	A42-177	0.84	ND	ug/L	U
120-83-2	2,4-Dichlorophenol	A42-177	0.72	ND	ug/L	U
105-67-9	2,4-Dimethylphenol	A42-177	0.90	ND	ug/L	U
51-28-5	2,4-Dinitrophenol	A42-177	1.61	ND	ug/L	U
121-14-2	2,4-Dinitrotoluene	A42-177	0.75	ND	ug/L	U
606-20-2	2,6-Dinitrotoluene	A42-177	0.99	ND	ug/L	U
91-58-7	2-Chloronaphthalene	A42-177	0.80	ND	ug/L	U
95-57-8	2-Chlorophenol	A42-177	0.64	ND	ug/L	U
91-57-6	2-Methylnaphthalene	A42-177	0.74	ND	ug/L	U
95-48-7	2-Methylphenol	A42-177	0.46	ND	ug/L	U
88-74-4	2-Nitroaniline	A42-177	0.49	ND	ug/L	U
88-75-5	2-Nitrophenol	A42-177	0.62	ND	ug/L	U
106-44-5	3+4-Methylphenol	A42-177	0.31	ND	ug/L	U
91-94-1	3,3'-Dichlorobenzidine	A42-177	1.33	ND	ug/L	U
99-09-2	3-Nitroaniline	A42-177	0.34	ND	ug/L	U
534-52-1	4,6-Dinitro-2-methylphenol	A42-177	0.47	ND	ug/L	U
101-55-3	4-Bromophenyl phenyl ether	A42-177	1.01	ND	ug/L	U
59-50-7	4-Chloro-3-methylphenol	A42-177	0.73	ND	ug/L	U
106-47-8	4-Chloroaniline	A42-177	0.42	ND	ug/L	U
7005-72-3	4-Chlorophenyl phenyl ether	A42-177	0.86	ND	ug/L	U
100-01-6	4-Nitroaniline	A42-177	0.52	ND	ug/L	U
100-02-7	4-Nitrophenol	A42-177	1.61	ND	ug/L	U
83-32-9	Acenaphthene	A42-177	0.77	ND	ug/L	U
208-96-8	Acenaphthylene	A42-177	0.74	ND	ug/L	U
62-53-3	Aniline	A42-177	0.46	ND	ug/L	U

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5/30/2012

Semivolatile Compounds - EPA 8270C

Sample: 1205346-1
Client Sample ID: GW-EP
Collected: 5/24/2012 14:10
Matrix: Liquid
Type: Grab
Remarks:
Analyzed Date: 5/29/2012
Preparation Date(s) : 5/25/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result	Units	Q
120-12-7	Anthracene	A42-177	0.88	ND	ug/L	U
92-87-5	Benzidine	A42-177	48.2	ND	ug/L	U
56-55-3	Benzo(a)anthracene	A42-177	0.96	ND	ug/L	U
50-32-8	Benzo(a)pyrene	A42-177	0.82	ND	ug/L	U
205-99-2	Benzo(b)fluoranthene	A42-177	0.85	ND	ug/L	U
191-24-2	Benzo(g,h,i)perylene	A42-177	0.85	ND	ug/L	U
207-08-9	Benzo(k)fluoranthene	A42-177	1.69	ND	ug/L	U
65-85-0	Benzoic acid	A42-177	10.0	ND	ug/L	U
100-51-6	Benzyl alcohol	A42-177	0.41	ND	ug/L	U
111-91-1	bis(2-Chloroethoxy)methane	A42-177	0.70	ND	ug/L	U
111-44-4	bis(2-Chloroethyl)ether	A42-177	0.57	ND	ug/L	U
108-60-1	bis(2-Chloroisopropyl)ether	A42-177	0.74	ND	ug/L	U
117-81-7	bis(2-Ethylhexyl)phthalate	A42-177	1.26	ND	ug/L	U
85-68-7	Butyl benzyl phthalate	A42-177	1.06	ND	ug/L	U
86-74-8	Carbazole	A42-177	1.99	ND	ug/L	U
218-01-9	Chrysene	A42-177	1.00	ND	ug/L	U
	Cresols	A42-177	0.77	ND	ug/L	U
84-74-2	Di-n-butyl phthalate	A42-177	1.08	ND	ug/L	U
117-84-0	Di-n-octyl phthalate	A42-177	1.28	ND	ug/L	U
53-70-3	Dibenz(a,h)anthracene	A42-177	1.00	ND	ug/L	U
132-64-9	Dibenzofuran	A42-177	0.62	ND	ug/L	U
84-66-2	Diethyl phthalate	A42-177	1.00	ND	ug/L	U
131-11-3	Dimethyl phthalate	A42-177	0.78	ND	ug/L	U
206-44-0	Fluoranthene	A42-177	0.96	ND	ug/L	U
86-73-7	Fluorene	A42-177	0.82	ND	ug/L	U
118-74-1	Hexachlorobenzene	A42-177	0.86	ND	ug/L	U
87-68-3	Hexachlorobutadiene	A42-177	0.78	ND	ug/L	U
77-47-4	Hexachlorocyclopentadiene	A42-177	0.21	ND	ug/L	U
67-72-1	Hexachloroethane	A42-177	0.69	ND	ug/L	U
193-39-5	Indeno(1,2,3-cd)pyrene	A42-177	0.90	ND	ug/L	U
78-59-1	Isophorone	A42-177	0.69	ND	ug/L	U
621-64-7	N-Nitrosodi-n-propylamine	A42-177	0.57	ND	ug/L	U

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5/30/2012

Semivolatile Compounds - EPA 8270C

Sample: 1205346-1
Client Sample ID: GW-EP
Collected: 5/24/2012 14:10
Matrix: Liquid
Type: Grab
Remarks:
Analyzed Date: 5/29/2012
Preparation Date(s) : 5/25/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result	Units	Q
62-75-9	N-Nitrosodimethylamine	A42-177	0.24	ND	ug/L	U
86-30-6	N-Nitrosodiphenylamine	A42-177	1.09	ND	ug/L	U
91-20-3	Naphthalene	A42-177	0.78	ND	ug/L	U
98-95-3	Nitrobenzene	A42-177	0.71	ND	ug/L	U
87-86-5	Pentachlorophenol	A42-177	0.65	ND	ug/L	U
85-01-8	Phenanthrene	A42-177	0.95	ND	ug/L	U
108-95-2	Phenol	A42-177	0.33	ND	ug/L	U
129-00-0	Pyrene	A42-177	0.85	ND	ug/L	U
110-86-1	Pyridine	A42-177	0.37	ND	ug/L	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	A42-177	60.1 %	(10 - 123)	
321-60-8	2-FLUOROBIPHENYL	A42-177	40.3 %	(43 - 116)	*
367-12-4	2-FLUOROPHENOL	A42-177	9.4 %	(21 - 110)	*
4165-60-0	NITROBENZENE-D5	A42-177	33.3 %	(35 - 114)	*
13127-88-3	PHENOL-D6	A42-177	7.7 %	(10 - 110)	*
1718-51-0	TERPHENYL-D14	A42-177	106.0 %	(33 - 141)	

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5/30/2012

Semivolatile PAH Compounds - EPA Method 8270C/625

Sample: 1205346-2
Client Sample ID: WC
Matrix: Soil
Type: Grab
Collected: 5/24/2012 14:30
% Solid: 78.6%
Remarks:
Analyzed Date: 5/29/2012
Preparation Date(s) : 5/25/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
91-57-6	2-Methylnaphthalene	A42-176	39.7	ND	ug/Kg	U
83-32-9	Acenaphthene	A42-176	32.7	ND	ug/Kg	U
208-96-8	Acenaphthylene	A42-176	37.2	ND	ug/Kg	U
120-12-7	Anthracene	A42-176	45.3	ND	ug/Kg	U
56-55-3	Benzo(a)Anthracene	A42-176	60.3	ND	ug/Kg	U
50-32-8	Benzo(a)Pyrene	A42-176	57.5	ND	ug/Kg	U
205-99-2	Benzo(b)Fluoranthene	A42-176	55.6	ND	ug/Kg	U
191-24-2	Benzo(g,h,i)Perylene	A42-176	40.8	ND	ug/Kg	U
207-08-9	Benzo(k)Fluoranthene	A42-176	85.8	ND	ug/Kg	U
218-01-9	Chrysene	A42-176	56.7	**72.5**	ug/Kg	J
53-70-3	Dibenzo(a,h)Anthracene	A42-176	46.8	ND	ug/Kg	U
206-44-0	Fluoranthene	A42-176	57.5	**360**	ug/Kg	J
86-73-7	Fluorene	A42-176	37.4	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	A42-176	45.0	ND	ug/Kg	U
91-20-3	Naphthalene	A42-176	53.9	ND	ug/Kg	U
85-01-8	Phenanthrene	A42-176	53.1	**228**	ug/Kg	J
129-00-0	Pyrene	A42-176	52.9	**469**	ug/Kg	J

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
321-60-8	2-FLUOROBIPHENYL	A42-176	83.6 %	(30 - 115)	
4165-60-0	NITROBENZENE-D5	A42-176	82.9 %	(23 - 120)	
1718-51-0	TERPHENYL-D14	A42-176	110.0 %	(18 - 137)	

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5/30/2012

Diesel Range Organics - EPA 8015B

Sample: 1205346-2

Client Sample ID: WC
Matrix: Soil
Type: Grab
Collected: 5/24/2012 14:30
% Solid: 78.6%
Remarks:
Analyzed Date: 5/25/2012
Preparation Date(s) : 5/25/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
	Diesel Range Organics	C1466-20	15.3	**592**	mg/Kg	

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	C1466-20	67.8 %	(30 - 150)	

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5/30/2012

Gasoline Range Organics - EPA 8015B

Sample: 1205346-2
Client Sample ID: WC
Matrix: Soil
Remarks:
Analyzed Date: 5/25/2012

Type: Grab

Collected: 5/24/2012 14:30
% Solid: 78.6%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
	Gasoline Range Organics	A827-3	17.6	ND	mg/Kg	U

* Results are reported on a dry weight basis

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5/30/2012

PCB Aroclors by SW846 8082/EPA 608

Sample: 1205346-2

Client Sample ID: WC
Matrix: Soil
Type: Grab
Collected: 5/24/2012 14:30
% Solid: 78.6%
Remarks:
Analyzed Date: 5/25/2012
Preparation Date(s) : 5/25/2012

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
12674-11-2	PCB 1016	K1383-6	20.2	ND	ug/Kg	U
11104-28-2	PCB 1221	K1383-6	20.2	ND	ug/Kg	U
11141-16-5	PCB 1232	K1383-6	20.2	ND	ug/Kg	U
53469-21-9	PCB 1242	K1383-6	20.2	ND	ug/Kg	U
12672-29-6	PCB 1248	K1383-6	20.2	ND	ug/Kg	U
11097-69-1	PCB 1254	K1383-6	20.2	ND	ug/Kg	U
11096-82-5	PCB 1260	K1383-6	14.1	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	K1383-6	55.5 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	K1383-6	81.6 %	(30 - 150)	

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5/30/2012

Mercury by SW846 7470/7471/EPA 245.1

Sample: 1205346-2

Client Sample ID: WC
Matrix: Soil
Type: Grab
Collected: 5/24/2012 14:30
% Solid: 78.6%
Remarks:
Analyzed Date: 5/29/2012
Preparation Date(s) : 5/25/2012

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
7439-97-6	Mercury	0.14	**3.61**	mg/Kg	

* Results are reported on a dry weight basis

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5/30/2012

RCRA Metals by Method SW846 6010/EPA 200.7

Sample: 1205346-2

Client Sample ID: WC
Matrix: Soil
Type: Grab
Remarks:
Analyzed Date: 5/29/2012
Preparation Date(s) : 5/25/2012 5/25/2012

Collected: 5/24/2012 14:30
% Solid: 78.6%

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
7440-38-2	Arsenic	0.26	**8.91**	mg/Kg	
7440-39-3	Barium	0.068	**98.6**	mg/Kg	
7440-43-9	Cadmium	0.027	**0.21**	mg/Kg	
7440-47-3	Chromium	0.081	**9.69**	mg/Kg	
7439-92-1	Lead	0.16	**229**	mg/Kg	
7782-49-2	Selenium	0.44	ND	mg/Kg	U
7440-22-4	Silver	0.045	ND	mg/Kg	U

* Results are reported on a dry weight basis

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5/30/2012

TCLP Mercury-Method SW846 1311/7470/7471

Sample: 1205346-2

Client Sample ID: WC
Matrix: Soil
Type: Grab
Collected: 5/24/2012 14:30
% Solid: 78.6%
Remarks:
Analyzed Date: 5/29/2012
Preparation Date(s) : 5/25/2012 5/24/2012

Analytical Results

Cas No	Analyte	MDL	Result	Units	Q
7439-97-6	Mercury	0.000040	**0.00010**	mg/L	

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5/30/2012

TCLP Metals-Method SW846 1311/6010

Sample: 1205346-2

Client Sample ID: WC
Matrix: Soil
Type: Grab
Remarks:
Analyzed Date: 5/29/2012
Preparation Date(s) : 5/25/2012 5/25/2012 5/24/2012

Collected: 5/24/2012 14:30
% Solid: 78.6%

Analytical Results

Cas No	Analyte	MDL	Result	Units	Q
7440-38-2	Arsenic	0.038	**0.15**	mg/L	
7440-39-3	Barium	0.010	**0.99**	mg/L	
7440-43-9	Cadmium	0.0040	ND	mg/L	U
7440-47-3	Chromium	0.012	ND	mg/L	U
7439-92-1	Lead	0.023	**0.34**	mg/L	
7782-49-2	Selenium	0.064	ND	mg/L	U
7440-22-4	Silver	0.0066	ND	mg/L	U

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5/30/2012

Flash Point (Ignitability) - SW 846 1010

Sample: 1205346-2

Client Sample ID: WC
Matrix: Soil
Type: Grab
Remarks:
Analyzed Date: 5/25/2012

Collected: 5/24/2012 14:30
% Solid: 78.6%

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
	Flash Point	0	>100		

* Results are reported on a dry weight basis

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5/30/2012

pH - Soil @ 25 Degrees C - SW 846 9045C

Sample: 1205346-2
Client Sample ID: WC
Matrix: Soil
Remarks:
Analyzed Date: 5/30/2012

Type: Grab

Collected: 5/24/2012 14:30
% Solid: 78.6%

Analytical Results

Cas No	Analyte	MDL	Result	Units	Q
	pH	0	**6.89**	pH Units	

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5/30/2012

Reactivity -SW 846 9010

Sample: 1205346-2

Client Sample ID: WC
Matrix: Soil
Remarks:
Analyzed Date: 5/30/2012

Type: Grab

Collected: 5/24/2012 14:30
% Solid: 78.6%

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
	Releasable Cyanide	0.10	ND	mg/Kg	U
	Releasable H2 Sulfide	0.010	ND	mg/Kg	U

* Results are reported on a dry weight basis

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5/30/2012

Case Narrative

EPA 8270 Semi-Volatiles

Initial Calibration:
Average Response was used as the method of quantitation with the exception of the following compounds whose %RSD was >15%. For these compounds, linear regression was used:

benzoic acid(coeffcient 0.949)
Haxaclorocyclopentadiene (coefficient 0.949)
2,3,4,6-Tetrachlorophenol (coefficient 0.997)
4-Nitrophenol (coefficient 0.998)
2,4-Dinitrotoluene (coefficient 0.998)
2,3,4,6 Tetrachlorophenol (coefficient 0.997)
4,6dinitro-2-methylphenol(coefficient 0.972)
2,4,6-Tribromophenol (coefficient 0.984)
Pentachlorophenol (coefficient 0.941)

Sample # 1205346-1 was reported with surrogates analyzed outside of QC parameters due to matrix interference

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5/30/2012

Case Narrative

EPA 8260 VOLATILE SOIL ANALYSIS:

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

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

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

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

Tert butyl alcohol (coef = 0.974)
Tert amyl alcohol (coef= 0.855)
2-Butanone (coef = 0.994)
2-chloroethylvinylether (coef = 0.989)
Naphtahalene (coef = 0.993)

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

Bromomethane 24.48
Trichlorofluoromethane 38.88
Tert butyl alcohol 15.91
Acrylonitrile 21.24
2-Butanone 17.72
Tert amyl alcohol 21.72
2-chloroethylvinylether 35.17
Naphthalene 18.85
This sample was analyzed at a 1:5 dilution due to the strong odor to petroleum and high
concentration of non-target compounds; re-analysis at lower dilution was not possible
with out heavy system and detector contamination occurring.

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5/30/2012

ORGANIC METHOD QUALIFIERS

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

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

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

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

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

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

INORGANIC METHOD QUALIFIERS

C - (Concentration) qualifiers are as follows:

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

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

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

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

M - (Method) qualifiers are as follows:

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

OTHER QUALIFIERS

ND - Not Detected

APPENDIX E

Photo 1: Excavation area prior to concrete removal.

Photo 2: A concrete saw was used to cut out the excavation area.

Photo 3: View of excavation with concrete removed.

Photo 4: View of excavation of petroleum impacted soil at the water table.

Photo 5: View of clean water in the excavation.

Photo 6: View of backfilled excavation.