225-227 BOERUM STREET/
83 BUSHWICK PLACE

BROOKLYN, NEW YORK

Remedial Investigation Report

OER Project Number 14RHAZ180K

NYC VCP Site Number: 14CVCP221K

Prepared for:

DJS Real Estate Development
750 3rd Avenue, 9th Floor
New York, NY 10017
david@djsrealestate.com

Prepared by:

Hydro Tech Environmental, Corp.
15 Ocean Avenue, 2nd Floor
Brooklyn, New York 11225
Phone: (718) 636-0800

January 13, 2014

REMEDIAL INVESTIGATION REPORT

TABLE OF CONTENTS

FIGURES

FIGURES

TABLES

APPENDICES

LIST OF ACRONYMS

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

CERTIFICATION

I, Mark E. Robbins, am a Qualified Environmental Professional, as defined in RCNY § 43-1402(ar). I have primary direct responsibility for implementation of the Remedial Investigation for the 225-227 Boerum Street Site, (OER Project No. 14RHAZ180K and NYC VCP Site No. 14CVCP221K). I am responsible for the content of this Remedial Investigation Report (RIR), have reviewed its contents and certify that this RIR is accurate to the best of my knowledge and contains all available environmental information and data regarding the property.

Mark E. Robbins		
Qualified Environmental Professional	1/13/14 Date	Signature

EXECUTIVE SUMMARY

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

Site Location and Current Usage

The Site is located at 225-227 Boerum Street (aka 83 Bushwick Place) in East Williamsburg section of Brooklyn, New York and is identified as Block 3073 and Lot 97 on the New York City Tax Map. Figure 1 shows the Site location. The Site is 5,559-square feet and is bounded by Bushwick Place to the west, Boerum Street to the south, a 2-story residential building to the east, and a 2-story warehouse to the north. A map of the site boundary is shown in Figure 2. Currently, the Site is vacant and undeveloped.

Summary of Proposed Redevelopment Plan

The proposed future use of the Site will consist of a 4-story residential building with 20 dwelling units and a full cellar. The building will be identified as 83 Bushwick Place, Brooklyn NY. The proposed development will encompass the entire property footprints for a total gross floor area of approximately 13,191 square feet. The cellar at the site will consist of a mechanical space and a parking lot. The elevation of the cellar slab will be set at approximately 11.49 feet below grade or 10 feet below the first floor slab. The cellar slab will be approximately 6 inches in thickness and it will be installed on top of a 6-inch gravel bed.

Layout of the proposed site development is presented in Figure 3. The current zoning designation is M1-1 manufacturing district. The BSA will permit the proposed use upon approval of a Zoning Variance.

Summary of Past Uses of Site and Areas of Concern

Based upon the review of the Fire Insurance Maps and Regulatory Agency documents from the Phase I Environmental Site Assessment (ESA) Report prepared by Merritt Engineering Consultants, P.C. in January 2005, a Site history was established. The Site was utilized as a residential facility between 1933 and 1951 and mixed use residential and store facility between

1965 and 1981. The Site was vacant and undeveloped between 1992 and 1995 and was utilized as a parking lot in 2005. The Site has been vacant since 2007.

The AOCs identified for this site include:

1. Historic fill material present throughout the Site.

Summary of the Work Performed under the Remedial Investigation

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Performed a Ground Penetrating Radar (GPR) survey;
3. Installed five (5) soil borings across the entire project Site, and collected ten (10) soil samples for chemical analysis from the soil borings to evaluate soil quality;
4. Installed two (2) groundwater probes throughout the Site and collected two (2) groundwater samples for chemical analysis to evaluate groundwater quality;
5. Installed three (3) soil vapor probes around Site perimeter and collected three (3) samples for chemical analysis.
6. One (1) outdoor air sample was collected for chemical analysis.

Summary of Environmental Findings

1- No anomalies consistent with USTs were identified at the Site by the GPR survey.

2- Elevation of the property ranges is approximately 24 feet.

3- Depth to groundwater ranges from 20 to 21 feet at the Site.

4- Groundwater flow is generally from east to west in the direction of the East River.

5- Depth to bedrock is in excess of 10 feet at the Site.

6- The stratigraphy of the site, from the surface down, consists of historic fill with variable thickness ranging between zero and 8 feet (brown fine grained sand with varying amounts of bricks and pebbles). The fill layer is underlain by a layer of sand to variable depths ranging from 2 to 10 feet bgs (brown fine to coarse grained sand with varying amount of pebbles)

7- Soil/fill samples collected during the RI show trace levels of one VOC, isoptopyltoluene in one shallow soil sample at a concentration below Track 1 Unrestricted Use SCO (UUSCO) and Track 2 Restricted Residential SCO (RRSCO). No PCE or TCE were detected in any shallow or deep soil samples. SVOC's including benzo(a)pyrene (max. of 1.14 parts per million (ppm)), benzo(b)fluoranthene (max. of 1.07 ppm) and indeno(1,2,3-cd) pyrene (max. of 0.977 ppm) were detected in two deep and one shallow samples, at concentrations that exceeded Restricted Residential SCOs. One pesticide, 4,4, DDT (0.0525 ppm), was detected in 1 of 5 shallow soil samples and in 1 of 5 deep samples at concentrations that exceeded Unrestricted Use SCOs. There were no PCBs detected in any of ten soil samples. Several Metals exceeded Unrestricted Use SCOs in shallow and deep soils at the Site and included barium (maximum of 454 ppm), lead (maximum of 421 ppm), zinc (maximum of 241 ppm) and mercury (maximum of 1.58 ppm). Barium, lead and mercury also exceeded Restricted Residential SCOs in shallow soils. Only lead exceeded Restricted Residential SCOs in one deep sample (6-8' depths). Overall soil chemistry was unremarkable and does not indicate disposal of waste.

8- Groundwater samples collected during the RI show one chlorinated VOC, TCE (max. 10.7 µg/L) exceeding NYSDEC 6NYCRR Part 703.5 Groundwater Quality Standards (GQS). A gasoline VOC, methyl tert-butyl ether was detected in 1 groundwater sample below its GQS. One SVOCs, bis(2-ethylhexyl)phthalate (max 10.8 µg/L) was detected in the 2 groundwater samples at concentrations exceeding GQS. No pesticide or PCBs were detected in any groundwater samples. Dissolved metals were not analyzed during the RI investigation. Several total metals exceeded their respective GQS.

9- Soil vapor samples collected during the RI show a wide range of compounds throughout the property including BTEX and associated petroleum related compounds as well as chlorinated hydrocarbons. BTEX and associated derivatives were found in all 3 soil vapor samples. The concentration of these compounds ranged from 0.69 ug/m^3 to 100 ug/m^3. These compounds were not detected in the soil or groundwater samples collected beneath the property and are not believed to be associated with an on-site source area. Among the chlorinated compounds, PCE was detected in 1 of 3 vapor samples at a concentration of 54 ug/m^3 and 1,1,1-TCA was also detected in 1 of 3 vapor samples at a concentration of 16 ug/m^3. Other chlorinated hydrocarbon compounds that were identified in soil vapor samples included carbon tetrachloride (0.45 ug/m^3), methylene

chloride (13 ug/m^3) and acetone (maximum 220 ug/m^3). The NYSDOH has established AGVs for three of the chlorinated VOCs analyzed: PCE, 111-TCA, and methylene chloride. The PCE and TCA concentrations are below the monitoring level ranges established within the State DOH soil vapor guidance matrix.

10- The outdoor air sample collected during the RI showed BTEX and associated compounds was detected at a maximum of 11 ug/m^3 and chlorinated compounds including PCE, chloroform, methylene chloride and carbon tetrachloride were detected at a maximum concentration of 3.1 ug/m^3. Acetone was the most abundant in the outdoor air sample and it was detected at a maximum concentration of 17 ug/m^3.

REMEDIAL INVESTIGATION REPORT

1.0 SITE BACKGROUND

DJS Real Estate Development has applied to enroll in the New York City Voluntary Cleanup Program (NYC VCP) to investigate and remediate a 0.127-acre site located at 225-227 Boerum Street (aka 83 Bushwick Place) in East Williamsburg section of Brooklyn, New York. Residential use is proposed for the property. This investigation addresses the New York City Environmental Quality Review (CEQR Technical Manual – Chapter 17) in anticipation of a proposed residential development in a manufacturing zoning district under a Zoning Variance by the New York City Board of Standards and Appeals (BSA). This project has been assigned a BSA CEQR reference #**051BSA068K** and NYCDEP reference #**05DEPTECH154K**.

The RI work was performed during December 2007 and November 2013. This RIR summarizes the nature and extent of contamination and provides sufficient information for establishment of remedial action objectives, evaluation of remedial action alternatives, and selection of a remedy that is protective of human health and the environment consistent with the use of the property pursuant to RCNY§ 43-1407(f).

1.1 Site Location and Current Usage

The Site is located at 225-227 Boerum Street (aka 83 Bushwick Place) in East Williamsburg section of Brooklyn, New York and is identified as Block 3073 and Lot 97 on the New York City Tax Map. Figure 1 shows the Site location. The Site is 5,559-square feet and is bounded by Bushwick Place to the west, Boerum Street to the south, a 2-story residential building to the east, and a 2-story warehouse to the north. A map of the site boundary is shown in Figure 2. Currently, the Site is vacant and undeveloped.

1.2 Proposed Redevelopment Plan

The proposed future use of the Site will consist of a 4-story residential building with 20 dwelling units and a full cellar. The building will be identified as 83 Bushwick Place, Brooklyn NY. The proposed development will encompass the entire property footprints for a total gross floor area of approximately 13,191 square feet. The cellar at the site will consist of a mechanical space and a parking lot. The elevation of the cellar slab will be set at approximately 11.49 feet

below grade or 10 feet below the first floor slab. The cellar slab will be approximately 6 inches in thickness and it will be installed on top of a 6-inch gravel bed.

Layout of the proposed site development is presented in Figure 3. The current zoning designation is M1-1 manufacturing district. The BSA will permit the proposed use upon approval of a Zoning Variance.

1.3 Description of Surrounding Property

The Site is located in a residential, commercial and light manufacturing/industrial neighborhood. A 2-story residential building bounds the Site to the east, a 2-story warehouse bounds the Site to north. A parking lot is located across the western vicinity of the Site and multiple residential buildings and a light manufacturing facility are located across the southern vicinity.

Within 500 feet radius of the Site, there are a variety of land uses including: residential (multi-story residential apartments), commercial, light manufacturing/industrial, vacant lots, parking, public transportation storage yard, public educational institution (Brooklyn Latin High School – PS 147) and open space. Properties located within 1/4-mile radius of the Site are zoned R6, R6A, R7A (residential districts), C1-3, C2-3 (commercial district) and M1-1 and M1-2 (light manufacturing and industrial district). Within 250 feet radius of the Site, one sensitive receptor identified as an outdoor recreational facility owned by the Board of Education is located in the southwestern vicinity of the Site. No other sensitive receptors were identified. Figure 4 shows the surrounding land usage.

2.0 SITE HISTORY

2.1 Past Uses and Ownership

Based upon the review of the Fire Insurance Maps and Regulatory Agency documents from the Phase I Environmental Site Assessment (ESA) Report prepared by Merritt Engineering Consultants, P.C. in January 2005, a Site history was established. The Site was utilized as a residential facility between 1933 and 1951 and mixed use residential and store facility between 1965 and 1981. The Site was vacant and undeveloped between 1992 and 1995 and was utilized as a parking lot in 2005. The Site has been vacant since 2007.

2.2 Previous Investigations

Previous investigations performed at the Site included the following:

- Phase-I Environmental Site Assessment (ESA), January 2005, Merritt Engineering Consultants, P.C.
- Site Investigation Report, December 2007, Hydro Tech Environmental, Corp.

Appendix A provides all previous environmental investigations.

2.3 Site Inspection

John Perotti of Merritt Engineering Consultants, P.C performed the Site inspection on January 19, 2005. The Site reconnaissance included a visual inspection of all vacant undeveloped portions of the Site and the adjacent land uses.

At the time of the inspection, the Site consisted of paved parking lot. The Site vicinity consisted of residential and commercial uses.

2.4 Areas of Concern

Based upon the results of the previous investigation, the AOCs identified for this site include:

1. Historic fill material present throughout the Site.

3.0 PROJECT MANAGEMENT

3.1 Project Organization

The Qualified Environmental Profession (QEP) responsible for preparation of this RIR is Mark E. Robbins.

3.2 Health and Safety

All work described in this RIR was performed in full compliance with applicable laws and regulations, including Site and OSHA worker safety requirements and HAZWOPER requirements.

3.3 Materials Management

All material encountered during the RI was managed in accordance with applicable laws and regulations. Hazardous waste, concentrated soil or semi-solid substances, soils with free product or NAPL and/or grossly contaminated media were not generated during the investigation.

4.0 REMEDIAL INVESTIGATION ACTIVITIES

The following is the scope of work that summarizes the remedial investigatory efforts at the Site:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Performed a Ground Penetrating Radar (GPR) survey;
3. Installed five (5) soil borings across the entire project Site, and collected ten (10) soil samples for chemical analysis from the soil borings to evaluate soil quality;
4. Installed two (2) groundwater probes throughout the Site and collected two (2) groundwater samples for chemical analysis to evaluate groundwater quality;
5. Installed three (3) soil vapor probes around Site perimeter and collected three (3) samples for chemical analysis.
6. One (1) outdoor air sample was collected for chemical analysis.

4.1 Geophysical Investigation

A geophysical survey consisting of Ground Penetrating Radar (GPR) survey was performed at the Site during December 2007. The purpose of the geophysical survey was to identify the presence of any subsurface anomalies indicative of suspect USTs.

The survey was performed over a grid pattern that was determined immediately prior to the survey. The GPR operator wheeled the antenna over the predetermined grid. The GPR takes one "scan" per set unit. The number of scans per unit is based upon the estimated size of targets. As each scan is performed, the antenna emits specific radar amplitude into the subsurface. The amplitude of the radar reflected back to the antenna is based upon the differences in the dielectric constants of the subsurface materials. The differences in amplitude obtained during each scan are graphically displayed on the Control Unit, which are then interpreted by the GPR operator. Additional interpretations are then conducted in the office using computer software.

The GPR survey was performed successfully over approximately 95 percent of the Site. No anomalies indicative of suspect USTs were identified during the GPR survey.

4.2 Borings and Monitoring Wells

Drilling and Soil Logging

Five (5) soil probes designated SP-1 to SP-5 were installed and sampled at the Site. The soil probes were installed utilizing Hydro Tech's fleet of Geoprobe® fitted with Geoprobe® tooling and sampling equipment. Soil samples were collected utilizing a 4-foot long Macro Core sampler fitted with dedicated acetate liners. Each Macro Core was cut open and immediately screened with a Photo Ionization Detector (PID) for VOCs, prior to collecting the required samples for laboratory analysis. The soil was screened and characterized at two-foot intervals. Continuous soil samples were collected during soil probe installation.

Boring logs were prepared by a geologist are attached in Appendix B. A map showing the location of soil borings is shown in Figure 5.

Groundwater Probes

Two (2) groundwater probes designated GP-1 and GP-2 were installed across the Site utilizing similar technology as the soil probes. Each groundwater probe was installed with 2-inch diameter drill rods. The groundwater sampler consisted of a 4-foot long screen with a slot size of 0.010 inches. The screen is driven into watertight sheath within the water table. Groundwater sample was then collected from the screen utilizing an inertial pump fitted with dedicated polyethylene tubing.

A map showing the location of groundwater probes is shown in Figure 5.

Soil Vapor Boring Construction

Three (3) soil vapor probes designated SV-1 to SV-3 and were installed during this RI. Soil vapor probes were installed to 12 feet bgs. A map showing the locations of soil vapor borings is shown in Figure 5.

The soil vapor probes were installed utilizing similar technology as the soil probes in accordance with the NYSDOH Guidance of Evaluating Soil Vapor Intrusion dated October 2006. Each soil vapor sampling point consisted of a stainless steel screen, or implant, fitted with dedicated inert polyethylene tubing. Each of the implants is of 1½-inch diameter. The soil vapor implant was installed in the subsurface soil. Glass beads were poured into the hole to fully

encompass the screen implant and the hole was sealed with bentonite and quick dry-lock non-VOC quick set cement. After installation of the probes, one to three volumes were purged prior to collecting the samples.

Ambient Outdoor Air Sampling

One (1) outdoor air sample OA-1 was collected during the RI at the Site. Outdoor air sample was collected simultaneously with the soil vapor samples from typical breathing zone heights in accordance to the NYSDOH Indoor Air Sampling and Analysis Guidance dated October 2006.

4.3 Sample Collection and Chemical Analysis

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

Soil Sampling

Ten (10) soil samples were collected from the soil-borings on-Site for laboratory analysis; these included five (5) shallow soil samples from zero to 2 feet below grade surface (bgs), four (4) deep soil samples were collected at 6 to 8 feet bgs and one (1) deep sample was collected at 8 to 10 feet. Samples were collected utilizing a 4-foot long Macro Core sampler fitted with dedicated acetate liners.

All samples were properly handled and placed into the appropriately labeled containers. The samples were placed in a cooler filled with ice and maintained at a maximum 4 degrees Celsius. All samples were transmitted under proper chain of custody procedures to a State-certified (ELAP) laboratory for confirmatory laboratory analyses. All holding times were met. The

laboratory did not report any irregularities with respect to their internal Quality Assurance/Quality Control.

Data on soil sample collection for chemical analyses, including dates of collection and sample depths, is reported in Table 1. Figure 5 shows the location of samples collected in this investigation. Laboratories and analytical methods are shown below.

Groundwater Sampling

Two (2) groundwater samples were collected for chemical analysis during this RI. Groundwater samples were collected using the low stress (low flow) purging and sampling procedure. The low flow was accomplished with a Solinst Model 410 Peristaltic Pump.

All water samples were collected in laboratory supplied jars, properly labeled with the well number, the date and time of sampling, the analytical requirements, and then placed on ice for the duration of the sampling and transport to the laboratory. A chain of custody form was completed at the time of sampling and maintained until disposition of the samples at the laboratory.

Groundwater sample collection data is reported in Table 2. Figure 5 shows the location of groundwater sampling. Laboratories and analytical methods are shown below.

Soil Vapor and Outdoor Air Sampling

Three (3) soil vapor samples were collected for chemical analysis during this RI. Soil vapor sampling locations are shown in Figure 5. Soil vapor sample collection data is reported in Table 3. Soil vapor sampling log is included in Appendix C. Methodologies used for soil vapor assessment conform to the *NYS DOH Final Guidance on Soil Vapor Intrusion, October 2006.*

A soil vapor sample from each vapor probe was collected utilizing 6 liter pre-cleaned, passivated, evacuated whole air Summa® Canister. In order to insure the integrity of the borehole seal and to verify that ambient air is not inadvertently drawn into the sample, a tracer gas, Helium, was used to enrich the atmosphere in the immediate vicinity of the sampling location. Plastic sheeting was used to keep the tracer gas in contact with the soil vapor probe during the sampling while continuously monitoring air drawn from the implant with a helium detector (Dielectric Model MGD-2002, Multi-gas Detector). Helium Detector readings did not exceed zero ppm indicating Helium was not detected. Following verification that the surface seal was

tight and prior to soil vapor sampling, approximately 0.3 ml of air was purged out of all vapor points utilizing a syringe.

One (1) outdoor air sample OA-1 was collected at the same time as the soil vapor samples utilizing 6-liter Summa Canister.

The Summa Canisters were calibrated for 6 hours and the soil vapor sampling was run on each canister for the duration of 6 hours. The initial vacuum (inches of mercury) and start time was recorded immediately after opening each Summa Canister. After the sampling was complete, the final vacuum and top time was recorded. After the soil vapor sampling, each Summa was labeled and sent to a laboratory certified to perform air analysis in New York State.

Chemical Analysis

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

Factor	Description
Quality Assurance Officer	The chemical analytical quality assurance is directed by Mark E. Robbins
Chemical Analytical Laboratory	Chemical analytical laboratory(s) used in the RI is NYS ELAP certified and were York Analytical Laboratories, Inc. and South Mall Analyticals Labs, Inc.
Chemical Analytical Methods	Soil analytical methods: • TAL Metals by EPA Method 6010C (rev. 2007); • VOCs by EPA Method 8260C (rev. 2006); • SVOCs by EPA Method 8270D (rev. 2007); • Pesticides by EPA Method 8081B (rev. 2000); • PCBs by EPA Method 8082A (rev. 2000); Groundwater analytical methods: • TAL Metals by EPA Method 6010C (rev. 2007);

	• VOCs by EPA Method 8260C (rev. 2006); • SVOCs by EPA Method 8270D (rev. 2007); • Pesticides by EPA Method 8081B (rev. 2000); • PCBs by EPA Method 8082A (rev. 2000); Soil vapor and outdoor air analytical methods: • VOCs by TO-15 VOC parameters.

Results of Chemical Analyses

Laboratory data for soil, groundwater and soil vapor are summarized in Table 1, 2 and 3. Laboratory data deliverables for all samples evaluated in this RIR are provided in digital form in Appendix D, E, and F.

5.0 ENVIRONMENTAL EVALUATION

5.1 Geological and Hydrogeological Conditions

The Site is located in the northern portion of the borough of Brooklyn, New York. The elevation of the Site is approximately 24 feet above mean sea level (USGS 7 ½-Minute Brooklyn, New York Quadrangle, 1969, Photo revised 1979).

Stratigraphy

The stratigraphy of the Site, from surface down, consists of historic fill with variable thickness ranging between zero and 8 feet (brown fine grained sand with varying amounts of bricks and pebbles). The fill layer is underlain by a layer of sand to variable depths ranging from 2 to 10 feet bgs (brown fine to coarse grained sand with varying amount of pebbles). Boring logs describing surface conditions are presented in Appendix D.

Hydrogeology

According to the USGS Depth to Water Viewer, the regional depth to groundwater in the vicinity of the Subject Property is estimated at approximately 20 to 21 feet. The regional groundwater flow direction in the vicinity of the Subject Property is presumed to be toward the west in the direction of the East River.

5.2 Soil Chemistry

Soil samples collected during the RI show one VOC, isoptopyltoluene was detected in 1 of 10 shallow and deep soil samples at a concentration below Track 1 Unrestricted Use SCO (UUSCO) and Track 2 Restricted Residential SCO (RRSCO). No PCE or TCE were detected in any shallow or deep soil samples. SVOC's including benzo(a)pyrene (max. of 1.14 ppm), benzo(b)fluoranthene (max. of 1.07 ppm) and indeno(1,2,3-cd) pyrene (max. of 0.977 ppm) were detected in 1 of 5 shallow soil samples and 1 of 5 deep samples at concentrations that exceeded UUSCOs and RRSCOs. 2-methylphenol (0.469 ppm) was also detected in 1 deep soil sample at a concentration that exceeded its UUSCO. Total SVOCs in shallow soils range from 0.63 ppm to 11.02 ppm. Total SVOCs in deep soils range from 1.4 ppm to 13.8 ppm. The SVOC's are PAH compounds and are likely attributed to the presence of historic fill material at the property. One pesticide DDT (0.0525 ppm) was detected in in 1 of 5 shallow soil samples and in 1 of 5 deep samples at concentrations that exceeded UUSCOs. PCBs did not occur in any of the shallow or

deep soil samples. Metals were detected in shallow and deep soils at the Site. Lead (maximum of 421 ppm exceeded RRSCO in 3 shallow samples and UUSCO in 1 deep sample. Mercury (maximum of 1.58 ppm) exceeded UUSCO in 1 shallow soil sample. Zinc exceeded UUSCOs in 3 shallow and 2 deep soil samples but did not exceed RRCSO.

Data collected during the RI is sufficient to delineate the vertical and horizontal distribution of contaminants in soil/fill at the Site. A summary table of data for chemical analyses performed on soil samples is included in Table 1. Figure 6 to Figure 8 show the location and posts the values for soil/fill that exceed the 6NYCRR Part 375 Soil Cleanup Objectives.

5.3 Groundwater Chemistry

Groundwater samples collected during the RI show a chlorinated VOC, TCE, was detected in the 2 groundwater samples (max. 10.7 µg/L) and its concentration in 1 sample exceeded NYSDEC Part 703.5 Groundwater Quality Standards (GQS). No PCE or other PCE derived compounds occurred in any groundwater samples. A gasoline VOC, methyl tert-butyl ether, was detected in 1 groundwater sample below GQS. One SVOCs, bis(2-ethylhexyl)phthalate (max 10.8 µg/L) was detected in the 2 groundwater samples at concentrations exceeding GQS. No pesticide or PCBs occurred in any groundwater samples.

Dissolved metals were not analyzed during the RI investigation. Total metals were detected in the 2 groundwater samples and included copper, beryllium, cadmium, lead and chromium, the concentrations of which exceeded GQS. Other metals such as iron, sodium, manganese, magnesium were also detected in the groundwater samples at concentrations exceeding GQS.

Data collected during the RI is sufficient to delineate the distribution of contaminants in groundwater at the Site. A summary table of data for chemical analyses performed on groundwater samples is included in Table 2. Figures 9 to 11 show the location and posts the values for groundwater that exceed the New York State 6NYCRR Part 703.5 Class GA groundwater standards.

5.4 Soil Vapor and Outdoor Air Chemistry

Soil vapor samples collected during the RI show a wide range of compounds throughout the property including BTEX and associated petroleum related compounds as well as chlorinated hydrocarbons. BTEX and associated derivatives were found in all 3 soil vapor samples. The concentration of these compounds ranged from 0.69 ug/m^3 to 100 ug/m^3. These compounds were

not detected in the soil or groundwater samples collected beneath the property and are not believed to be associated with an on-site source area. Among the chlorinated compounds, PCE was detected in 1 of 3 vapor samples at a concentration of 54 ug/m^3 and 1,1,1-TCE was also detected in 1 of 3 vapor samples at a concentration of 16 ug/m^3. Other chlorinated hydrocarbon compounds that were identified in soil vapor samples included carbon tetrachloride (0.45 ug/m^3), methylene chloride (13 ug/m^3) and acetone (maximum 220 ug/m^3).

The NYSDOH has established AGVs for the two of the chlorinated VOCs analyzed: PCE and methylene chloride. PCE concentration detected in soil vapor at the site of 54 µg/m^3 is below the corresponding AGV of 100 µg/m^3. Methylene chloride was detected at a concentration of 13 µg/m^3, which is below the corresponding AGV of 60 µg/m^3.

The outdoor air sample collected during the RI identified BTEX and associated compounds, which occurred at a maximum of 11 ug/m^3. Chlorinated compounds including PCE, chloroform, methylene chloride and carbon tetrachloride also occurred in the outdoor air sample at a maximum at a concentration of 3.1 ug/m^3. Acetone was the most abundant in the outdoor air sample and it was detected at a maximum concentration of 17 ug/m^3.

Data collected during the RI is sufficient to delineate the distribution of contaminants in soil vapor at the Site. A summary table of data for chemical analyses performed on soil vapor samples is included in Table 3. Figure 12 shows the location and posts the values for soil vapor samples with detected concentrations.

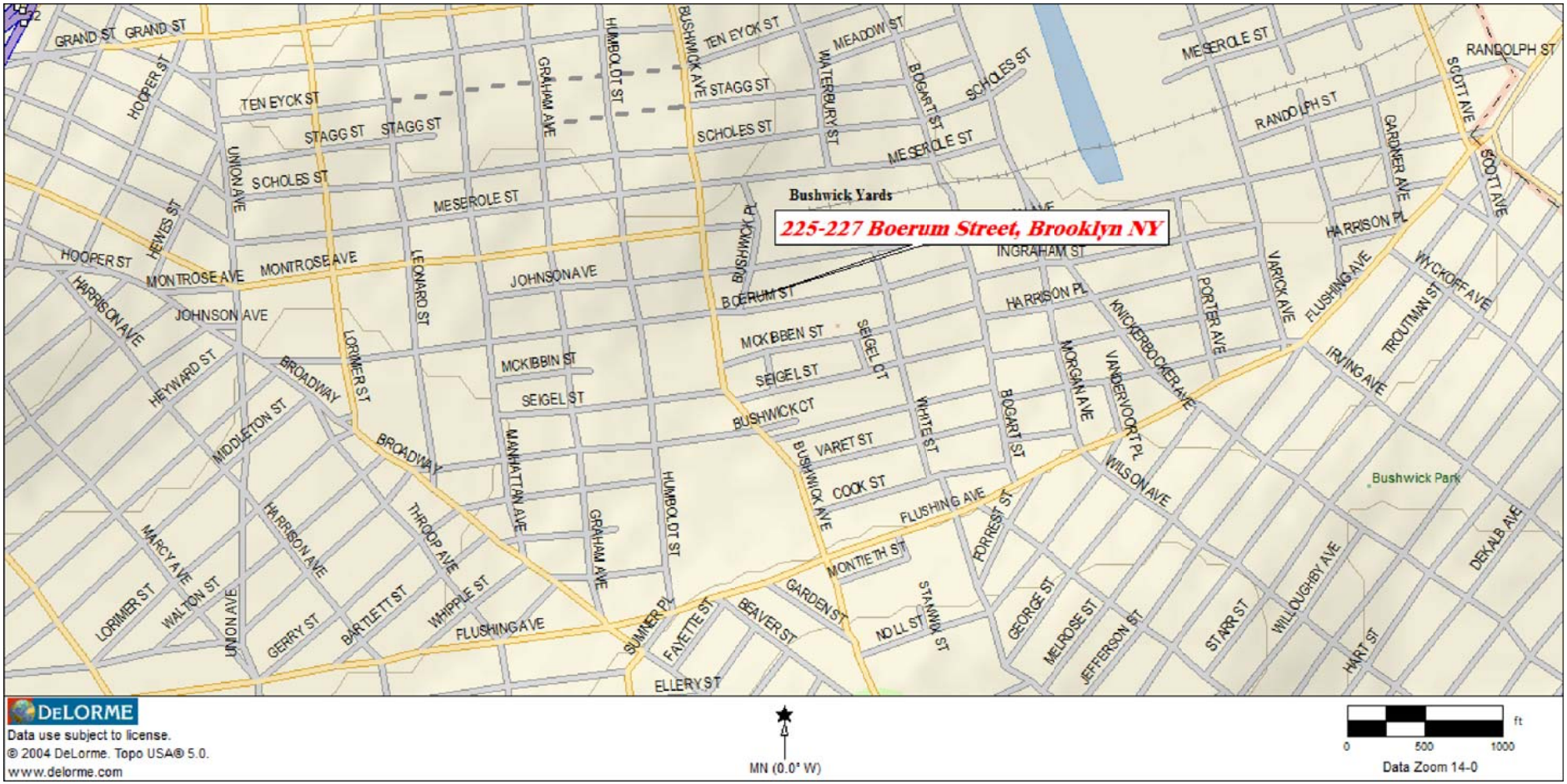
5.5 Prior Activity

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

5.6 Impediments to Remedial Action

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

FIGURES



HYDRO TECH ENVIRONMENTAL CORP.

MAIN OFFICE:
77 ARKAY DRIVE, SUITE G
HAUPPAUGE, NEW YORK 11788
T (631)462-5866 F (631)462-5877

NYC OFFICE:
15 OCEAN AVENUE, 2nd Floor
BROOKLYN, NEW YORK 11225
T (718)636-0800 F (718)636-0900

www.hydrotechenvironmental.com

225 - 227 Boerum Street
Brooklyn, NY.
HTE Job# 130293

Drawn By:	C.Q.
Reviewed By:	M.R
Approved By:	M.S
Date:	01/02/13
Scale:	AS NOTED

TITLE:

FIGURE 1: SITE LOCATION MAP

Figure-2: Site Boundary Map

BK-739-A

SCALE: 1"=16'

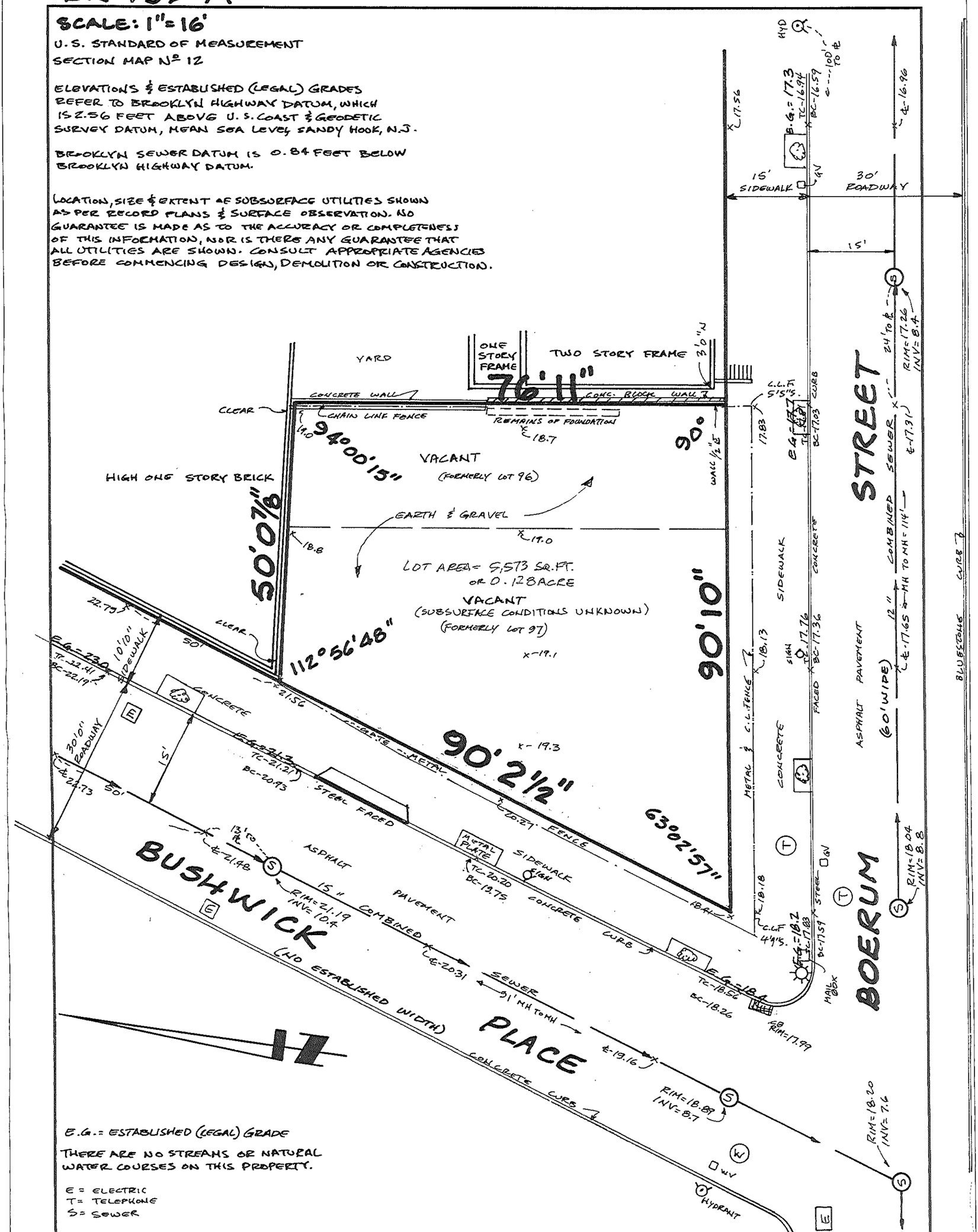
U.S. STANDARD OF MEASUREMENT

SECTION MAP Nº 12

ELEVATIONS & ESTABLISHED (LEGAL) GRADES REFER TO BROOKLYN HIGHWAY DATUM, WHICH IS 2.56 FEET ABOVE U.S. COAST & GEODETIC SURVEY DATUM, MEAN SEA LEVEL, SANDY HOOK, N.J.

BROOKLYN SEWER DATUM IS 0.84 FEET BELOW BROOKLYN HIGHWAY DATUM.

LOCATION, SIZE & EXTENT OF SUBSURFACE UTILITIES SHOWN AS PER RECORD PLANS & SURFACE OBSERVATION. NO GUARANTEE IS MADE AS TO THE ACCURACY OR COMPLETENESS OF THIS INFORMATION, NOR IS THERE ANY GUARANTEE THAT ALL UTILITIES ARE SHOWN. CONSULT APPROPRIATE AGENCIES BEFORE COMMENCING DESIGN, DEMOLITION OR CONSTRUCTION.



STATE OF NEW YORK
ANGELO J. FIORENZA
No. 049468
LICENSED LAND SURVEYOR

N.Y. STATE LIC. Nº 49468

SURVEY OF PROPERTY KNOWN AS

LOT 97, BLOCK 3073

IN SECTION 10 OF THE TAX MAP OF THE CITY OF NEW YORK

BOROUGH OF BROOKLYN

KINGS COUNTY, NEW YORK

SURVEYED ON MARCH 1, 1994

ANGELO J. FIORENZA, SURVEYING, P.C.
68-61 YELLOWSTONE BLVD.
FOREST HILLS, NEW YORK, 11375

CERTIFIED TO:

DYNATEC CONTRACTING
DJS REALESTATE DEVELOPMENT LLC

RESURVEYED: JUNE 20, 2008
AUGUST 10, 2013

Figure-3: Proposed Redevelopment Plan

AUFGANG ARCHITECTS

November 18, 2013

Re: 225-227 Boerum Street, Brooklyn
Project Description

To Whom It May Concern:

We are the Architect for the proposed project listed above.

The proposed building is a 13,191 sq. ft. residential structure with 20 apartments. It is four (4) stories tall. There will be a full Cellar at this site containing mechanical space and parking set at elevation 11.49 ft. which is 10 ft. below the 1st Floor elevation of 21.49 ft.

This is a non-elevator building. Cellar slab construction will consist of the following: 6" concrete slab over 6" of gravel fill for a total excavation depth of 10'-0" below the 1st floor slab.

Very truly yours,

AUFGANG ARCHITECTS, LLC
Ariel Aufgang, AIA, Principal

AA:cet

49 North Airmont Road
Suffern, New York 10901
Office 845 368 0004
www.aufgang.com

PROPOSED NEW DEVELOPMENT FOR:

BUSHWICK PLACE APARTMENTS

83 BUSHWICK PLACE, BROOKLYN, NEW YORK 11206

RENDERING - SOUTH VIEW

BLOCK # 3073-LOT # 97

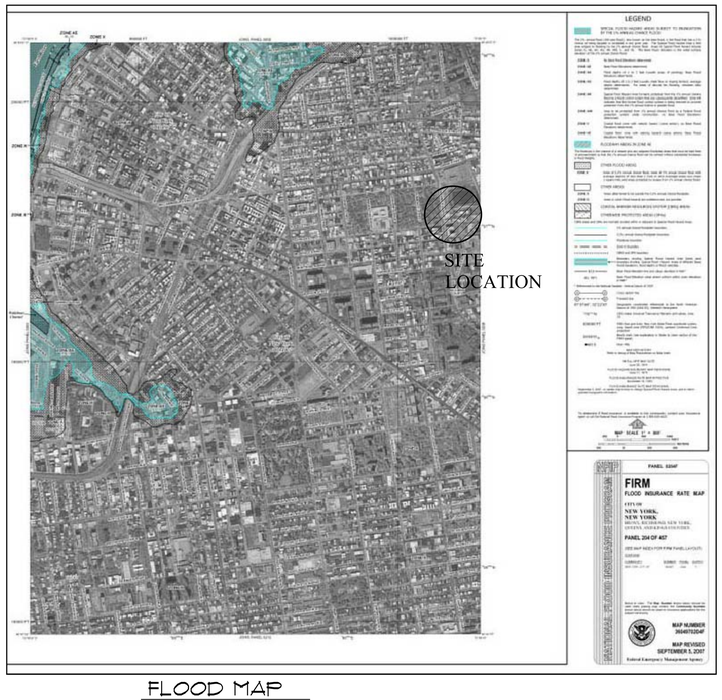
DRAWING SCHEDULE:

ARCHITECT:

asap Aufgang + Subotovsky Architecture and Planning PLLC

49 North Airmont Road, Suffern, NY 10901 tel: 845.368.0004 fax: 800.772.8304 www.asaparchitecture.com

NOTE:
THIS SITE DOES NOT FALL UNDER A FLOOD HAZARD AS PER FLOOD INSURANCE RATE MAP#3604970204F.-BC G105-



FLOOD MAP

NOT TO SCALE

PROJECT LOCATION

SITE LOCATION

AERIAL VIEW

NOT TO SCALE

VICINITY MAP

NOT TO SCALE

APARTMENT DISTRIBUTION					
FLOOR	0BR	1BR	2BR	TOTAL PER FLOOR	H. ADAPTABLE APT. UNIT
1ST	1	2	2	5	5
2ND	0	2	3	5	0
3RD	0	2	3	5	0
4TH	1	4	0	5	0
TOTAL	2	10	8	20	5
PERCENT	10%	50%	40%	100%	25%

10-30-13	ISSUED FOR CONSTRUCTION
9-23-13	PROGRESS SET
8-15-13	ISSUED TO D.O.B. TO REVIEW AND COMMENT
DATE	REVISIONS

asap Aufgang + Subotovsky Architecture and Planning PLLC

49 North Airmont Road, Suffern, NY 10901 tel: 845.368.0004 fax: 800.772.8304 www.asaparchitecture.com

PROPOSED NEW DEVELOPMENT FOR:
83 BUSHWICK PLACE
BROOKLYN, NY.

COVER SHEET

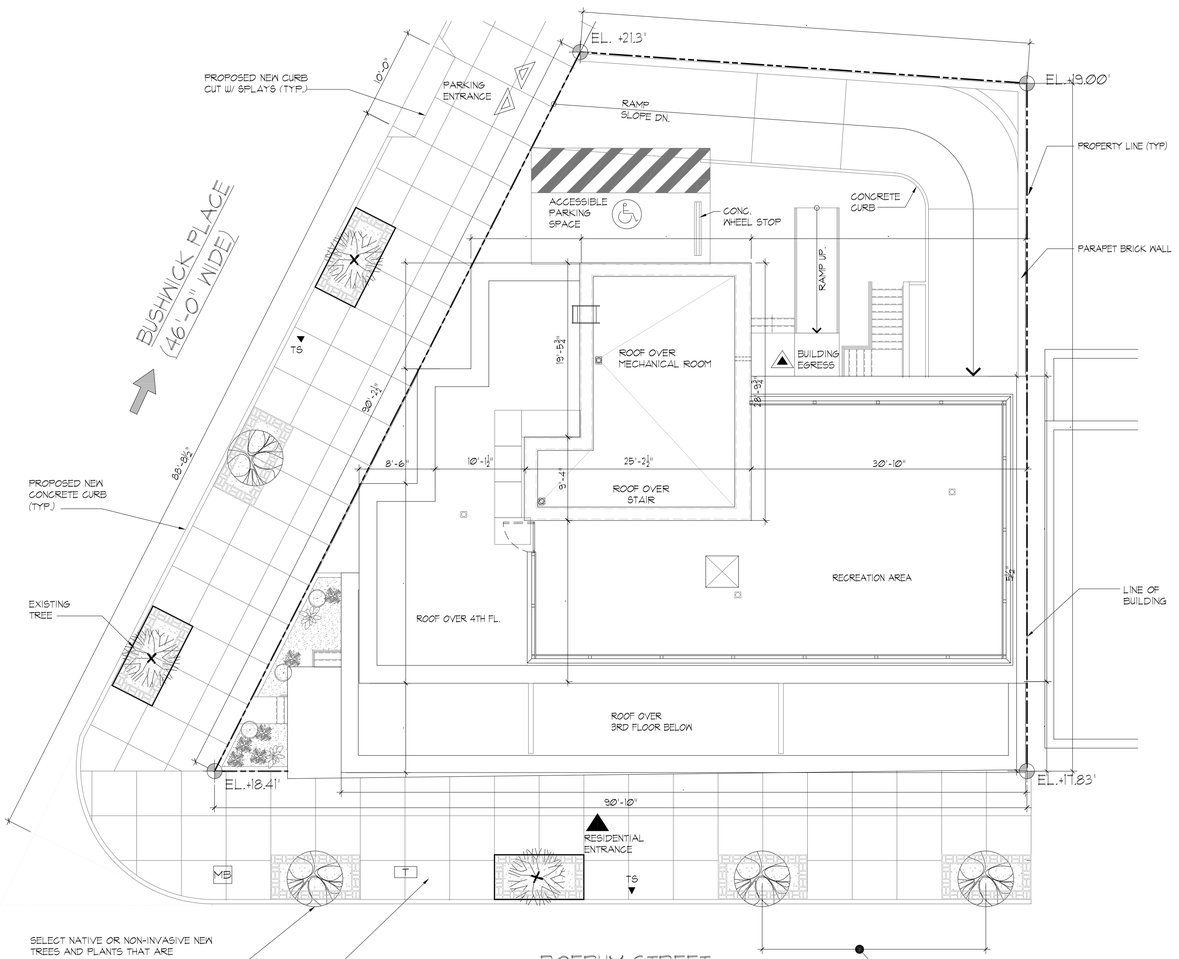
DATE:	08-16-13
PROJECT NO:	1231
DRAWN BY:	RTN
CHECKED BY:	ED
DRAWING NO:	T-001.00
SCALE: AS NOTED	SHEET NO:1 of 38
NYC DOB NUMBER:	XXXXXXXXX

ZONING USE GROUP: 2 & 4
BUILDING OCCUPANCY GROUP: J-2
CONSTRUCTION CLASSIFICATIONS: 1-C
(NON-COMBUSTIBLE) 2HR. PROTECTED

LEGEND:

- TRAFFIC DIRECTIONS
- EXISTING TRAFFIC SIGN
- EXISTING UTILITY POLE
- EXISTING HYDRANT
- EXISTING BUS STOP
- E — EXISTING ELECTRIC BOX
- T — EXISTING TELEPHONE BOX
- MB — MAIL BOX
- EXISTING TRAFFIC LIGHTS POST
- EXISTING LIGHT POST
- BUILDING ENTRANCE
- BUILDING EGRESS
- PARKING ENTRANCE
- PROPOSED NEW STREET TREE W/ 5' X 10' TREE PIT
- EXISTING TREE TO REMAIN
- BENCH
- STORM DRAIN
- EXTERIOR LIGHTING
- PLANTING AREA
- CONCRETE BLOCK PAVERS

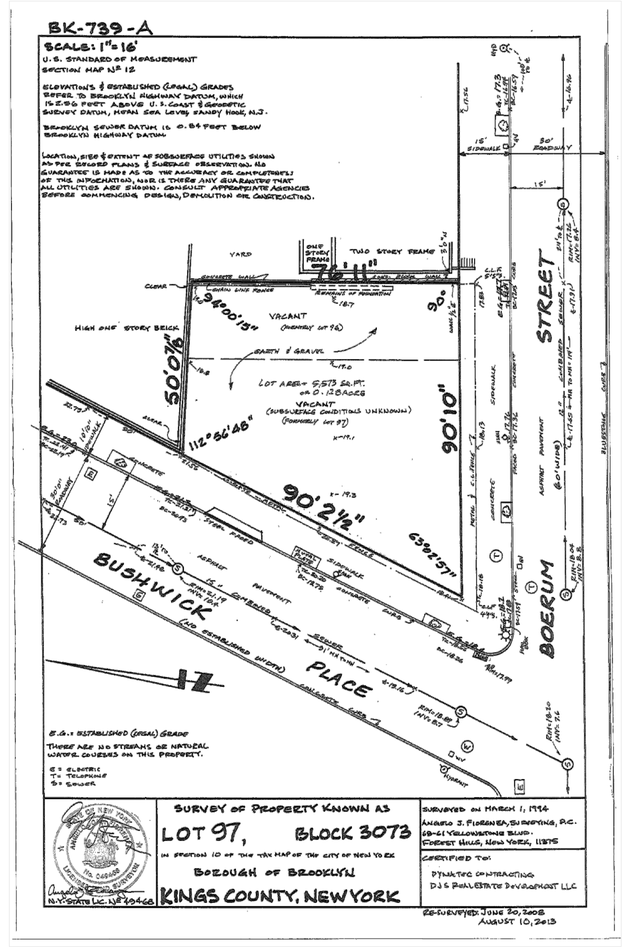
BASE HEIGHT CALCULATION
21.3' + 18.41' = 39.71' / 2 = 19.85' x 90'-2½" = 1,790.47'
18.41' + 17.83' = 36.24' / 2 = 18.12' x 90'-10" = 1,645.84'
181'-0½" = 3,436.31'
3,436.31' / 181'-0½" = 18.99'
BASE PLANE = 18.99'



SCHEMATIC SITE PLAN

SCALE : ⅛" = 1'-0"

N



SURVEY

NOT TO SCALE

GENERAL NOTES:

1. ALL FILL USED BELOW SLABS UNDER BUILDINGS AND IN PAVED AREAS SHALL BE QUALITY SANDY MATERIAL AND SHALL BE COMPACTED IN 12" LAYERS TO 95% DENSITY TO PREVENT SETTLEMENT AS PER ASTM D1557, METHOD C.
2. CONTRACTOR MUST ALSO FOLLOW ALL REQUIREMENTS FOR PREPARATION, CLEARING, PROOF ROLLING, FILL REPLACEMENT RECOMMENDED BY A REPORT ON SOIL AND FOUNDATION INVESTIGATION.
3. ALL FILL SHALL BE COMPACTED WITH SOIL COMPACTION EQUIPMENT RATHER THAN BY HAND TAMPING (EXCEPT AROUND PIPES, ETC.)
4. THE THICKNESS OF FILL LAYERS PLACED SHALL BE COMPATIBLE WITH THE TYPE OF COMPACTION EQUIPMENT USED.
5. THE ATTAINMENT OF SPECIFIED DENSITIES SHALL BE VERIFIED BY FIELD DENSITY TESTS MADE BY AN INDEPENDENT TESTING LABORATORY ON EACH LAYER OF MATERIAL COMPACTED. ONE TEST PER 5,000 SQ. FT. OF SURFACE AREA SHALL BE MADE ON EACH LAYER WITHIN THE BUILDING.

EROSION & SEDIMENT CONTROL PLAN CONSTRUCTION SEQUENCE:

I. ALL EROSION AND SEDIMENT CONTROL MEASURES, EXCLUDING CATCH-BASIN MEASURES, SHALL BE IN PLACE PRIOR TO ANY GRADING OPERATIONS AND INSTALLATION OF PROPOSED STRUCTURES AND OR UTILITIES.

2. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL REMAIN IN PLACE AND BE MAINTAINED UNTIL CONSTRUCTION IS COMPLETED AND/OR STABILIZED.

3. INSTALL STABILIZED CONSTRUCTION ENTRANCE AS INDICATED ON PLAN.

4. INSTALL SILT FENCE AND/OR HAY BALE BARRIERS DOWN SLOPE OF ALL AREAS TO BE DISTURBED AND DOWN SLOPE OF ALL AREAS DESIGNATED FOR TOPSOIL STOCKPILING.

5. CONSTRUCT BERMS, TEMPORARY SWALES AND PIPES AS NECESSARY TO DIRECT RUNOFF TO TEMPORARY SEDIMENTATION ENTRAPMENT AREAS.

6. CLEAR EXISTING TREES, VEGETATION AND EXISTING STRUCTURES FROM AREAS TO BE FILLED OR EXCAVATED. STRIP AND STOCKPILE TOPSOIL FROM ALL AREAS TO BE DISTURBED. SEED STOCKPILED TOPSOIL WITH TEMPORARY RYE GRASS COVER.

7. PERFORM EXCAVATION AND FILL TO BRING LAND TO DESIRED GRADE. ANY DISTURBED AREAS TO REMAIN BARE SHOULD BE SEEDED WITH TEMPORARY RYE GRASS.

8. INSTALL UNDERGROUND UTILITIES, MANHOLES AND CATCH BASINS. GRATES OF CURB AND FIELD INLETS SHOULD BE LEFT AT ELEVATIONS WHICH PERMIT PROPER COLLECTION OF SURFACE RUNOFF.

9. INSTALL HAY BALE RINGS AROUND ALL CURB AND FIELD INLETS EXCEPT FOR THE BASINS LOCATED AT THE ANTI TRACKING PAD. BASINS AT THE PAD SHALL BE TREATED WITH THE CATCH BASIN-FILTER FABRIC DETAIL.

10. CONSTRUCT CURBS AND INSTALL BASE AND BINDER COURSES OF PAVED AREAS. RAISE GRATES OF CURB AND FIELD INLETS ACCORDINGLY.

11. COMPLETE FINE GRADING.

12. RAISE GRATES OF CURB AND FIELD INLETS TO FINAL ELEVATIONS. INSTALL SURFACE COURSE OF PAVEMENT.

13. UPON COMPLETION OF CONSTRUCTION, ALL DISTURBED AREAS ARE TO BE SEEDED. REFER TO LANDSCAPING PLAN FOR PERMANENT SEEDING SPECIFICATIONS. ALL TEMPORARY DEVICES SHALL BE REMOVED AND THE AFFECTED AREAS REGRADED, PLANTED OR TREATED IN ACCORDANCE WITH THE APPROVED SITE PLANS.

STANDARD EROSION CONTROL NOTES:

1. ALL CONTROL MEASURES FOR EROSION AND SEDIMENTATION SHALL COMPLY WITH THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP)
   - A) INSPECTIONS OF ALL CONTROL MEASURES PER THE SWPPP.
   - B) WEEKLY INSPECTIONS AND DOCUMENTATION OF EROSION CONTROL PRACTICES.
   - C) INSPECTIONS OF ALL CONTROL MEASURES BEFORE FORECASTED AND AFTER PERIODS OF HEAVY OR PROLONGED RAIN RESULTING IN MORE THAN 0.5-INCHES
   - D) WEEKLY INSPECTIONS OF ON AND OFF-SITE AREAS DOWNSTREAM FROM CONSTRUCTION ACTIVITIES.
2. THE INSPECTIONS SHALL BE CONDUCTED BY THE APPLICANT AND/OR HIS REPRESENTATIVE, I.E. THE SITE ENGINEER, OR THE CONTRACTOR TO DETERMINE THE FOLLOWING.
   - A) THE CONDITIONS OF THE CONTROL MEASURES AND THE NEED FOR REPAIR OR REPLACEMENT
   - B) THE NEED FOR MAINTENANCE, E.G. REMOVAL OF SEDIMENT FROM BARRIERS, TRAPS, AND BASINS.
   - C) THE NEED FOR ADDITIONAL CONTROL MEASURES.
   - D) THE NEED FOR REAPPLICATION OF SEEDING, NETTING AND/OR MULCHING.
   - E) THE OVERALL EFFECTIVENESS OF THE CONTROL PLAN.
3. ALL TEMPORARY AND PERMANENT CONTROL DEVICES MUST BE MAINTAINED AND REPAIRED AS NEEDED TO ASSURE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION. ALL NECESSARY REPAIRS SHALL BE PERFORMED IMMEDIATELY.
4. THESE PLANS INDICATE THE CONTROL MEASURES TO BE PUT IN PLACE. ADDITIONAL CONTROL MEASURES SHALL BE IMPLEMENTED AS SITE CONDITIONS CHANGE AND UNFORSEEN PROBLEMS OCCUR. IMPLEMENTATION OF THE ADDITIONAL CONTROL MEASURES SHALL BE AT THE ISCRETION OF THE SITE INSPECTOR.
5. AN EROSION CONTROL SYSTEM WILL BE UTILIZED BY THE DEVELOPER TO MINIMIZE THE PRODUCTION OF SEDIMENT FROM THE SITE. METHODS TO BE UTILIZED WILL BE THOSE FOUND MOST EFFECTIVE FOR THE SITE AND SHALL INCLUDE ONE OR MORE OF THE FOLLOWING, AS APPLICABLE.
   - A) TEMPORARY SEDIMENTATION ENTRAPMENT AREAS SHALL BE PROVIDED AT KEY LOCATIONS TO INTERCEPT AND CLARIFY SILT LADEN RUNOFF FROM THE SITE. THESE MAY BE EXCAVATED OR MAY BE CREATED UTILIZING EARTHEN BERMS, RIP-RAP OR CRUSHED STONE DAMS, HAY BALES, OR OTHER SUITABLE MATERIALS. DIVERSION SWALES, BERMS, OR OTHER CHANNELIZATION SHALL BE CONSTRUCTED TO INSURE THAT ALL SILT LADEN WATERS ARE DIRECTED INTO THE ENTRAPMENT AREAS, WHICH SHALL NOT BE PERMITTED TO FILL IN, BUT SHALL BE CLEANED PERIODICALLY DURING THE COURSE OF CONSTRUCTION. THE COLLECTED SILT SHALL BE DEPOSITED IN AREAS SAFE FROM FURTHER EROSION.
   - B) ALL DISTURBED AREAS, EXCEPT ROADWAYS, WHICH WILL REMAIN UNFINISHED FOR MORE THAN 30 DAYS SHALL BE TEMPORARILY SEEDED WITH 1/2 LB. OF RYE GRASS OR MULCHED WITH 100 LBS. OF STRAW OR HAY PER 1,000 SQUARE FEET. ROADWAYS SHALL BE STABILIZED AS RAPIDLY AS FRACTABLE BY THE INSTALLATION OF THE BASE COURSE.
   - C) SILT THAT LEAVES THE SITE IN SPITE OF THE REQUIRED PRECAUTIONS SHALL BE COLLECTED AND REMOVED AS DIRECTED BY APPROPRIATE MUNICIPAL AUTHORITIES.

DATE	REVISIONS
10-30-13	ISSUED FOR CONSTRUCTION
9-23-13	PROGRESS SET
8-15-13	ISSUED TO D.O.B. TO REVIEW AND COMMENT

asap Aufgang + Subotovsky Architecture and Planning PLLC
49 North Airmont Road, Suffern, NY 10901 tel: 845.368.0004 fax: 800.772.8304
www.asaparchitecture.com

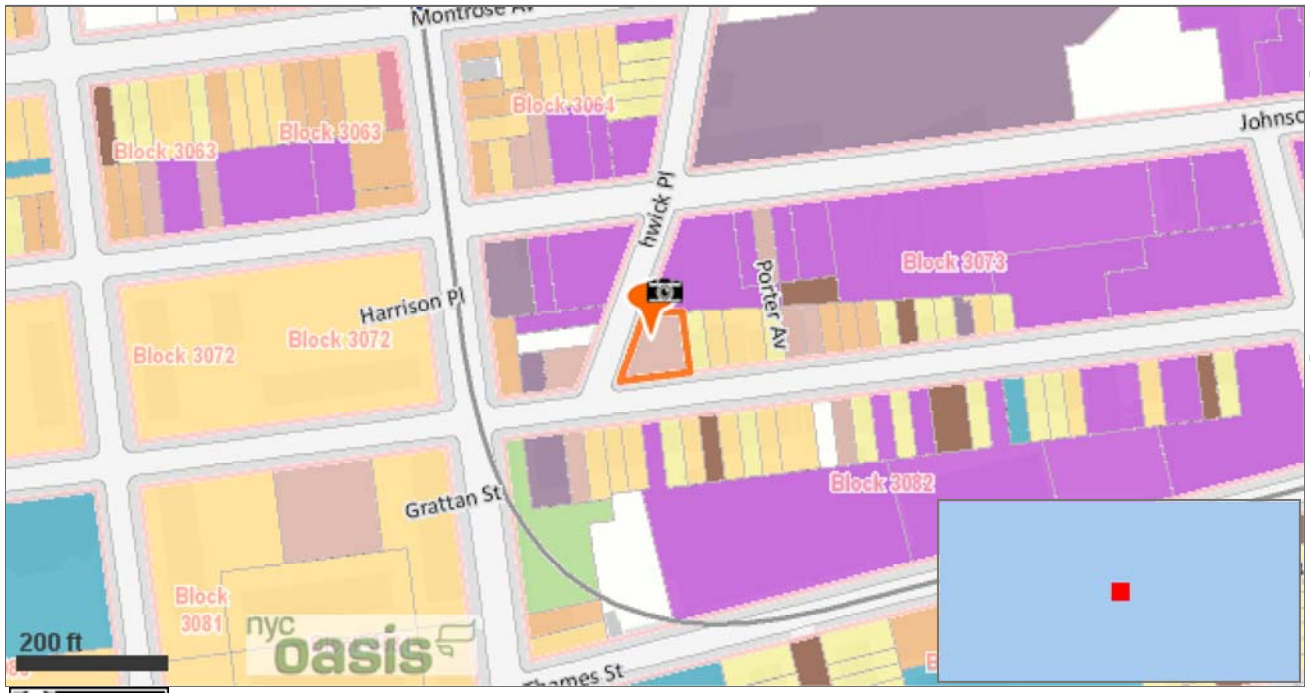
PROPOSED NEW DEVELOPMENT FOR:
83 BUSHWICK PLACE
BROOKLYN, NY.

SCHEMATIC SITE PLAN & SURVEY

DATE:	08-16-13
PROJECT NO:	1231
DRAWN BY:	RTN
CHECKED BY:	ED
DRAWING NO:	C-001.00
SCALE: AS NOTED	SHEET NO:2 of 38
NYC DOB NUMBER:	XXXXXXXXX

P1231_C-002.00

Figure-4: Land-Use Map



nyc oasis

Legend

Transit, Roads, Reference Features

Roads, ferries, commuter rail, neighborhood names

- Roads
- Major Roads
- Interstate Highways
- Tunnels
- Neighborhood/Town Labels
- County Boundaries
- Ferry
- Commuter Rail
- NYC subway routes and stations

Parks, Playgrounds, & Open Space

- Parks & Public Lands
- Forested Areas (NJ)
- Community Gardens
- School property with garden
- Playgrounds
- Green Spaces Along Streets
- Golf Courses
- Baseball/Soccer/Football Fields
- Tennis/Basketball/Handball Courts & Tracks
- Cemeteries

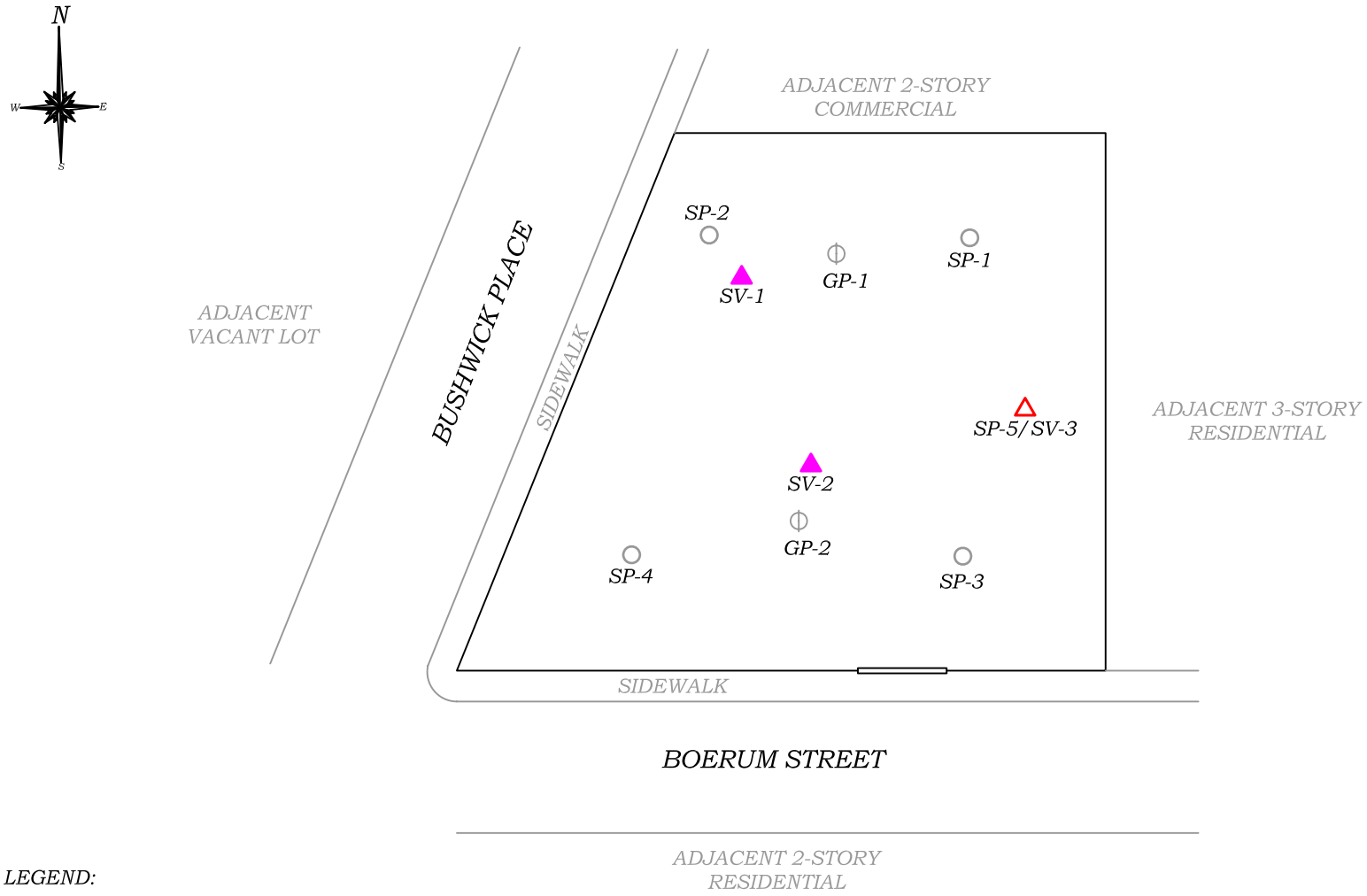
Land Use

Block/Lot Boundaries

(Building footprints in gray)

- 1 & 2 Family Residential
- Multi-family Residential
- Mixed Use
- Open space & outdoor recreation
- Commercial
- Institutions
- Industrial
- Parking
- Transportation / Utilities
- Vacant Lots

(Not all items in the legend may be visible on the map.)



LEGEND:

- *SOIL PROBE LOCATION (SP) - INSTALLED DURING 2007*
- *SOIL VAPOR PROBE (SV)*
- *GROUNDWATER PROBE LOCATION (GP) - INSTALLED DURING 2007*
- *SOIL PROBE / SOIL VAPOR (SP/SV)*

0' 20' 40'

SCALE IN FEET (FT.)

HYDRO TECH ENVIRONMENTAL CORP.

MAIN OFFICE:
77 ARKAY DRIVE, SUITE G
HAUPPAUGE, NEW YORK 11788
T (631)462-5866 F (631)462-5877

NYC OFFICE:
15 OCEAN AVENUE, 2nd Floor
BROOKLYN, NEW YORK 11225
T (718)636-0800 F (718)636-0900

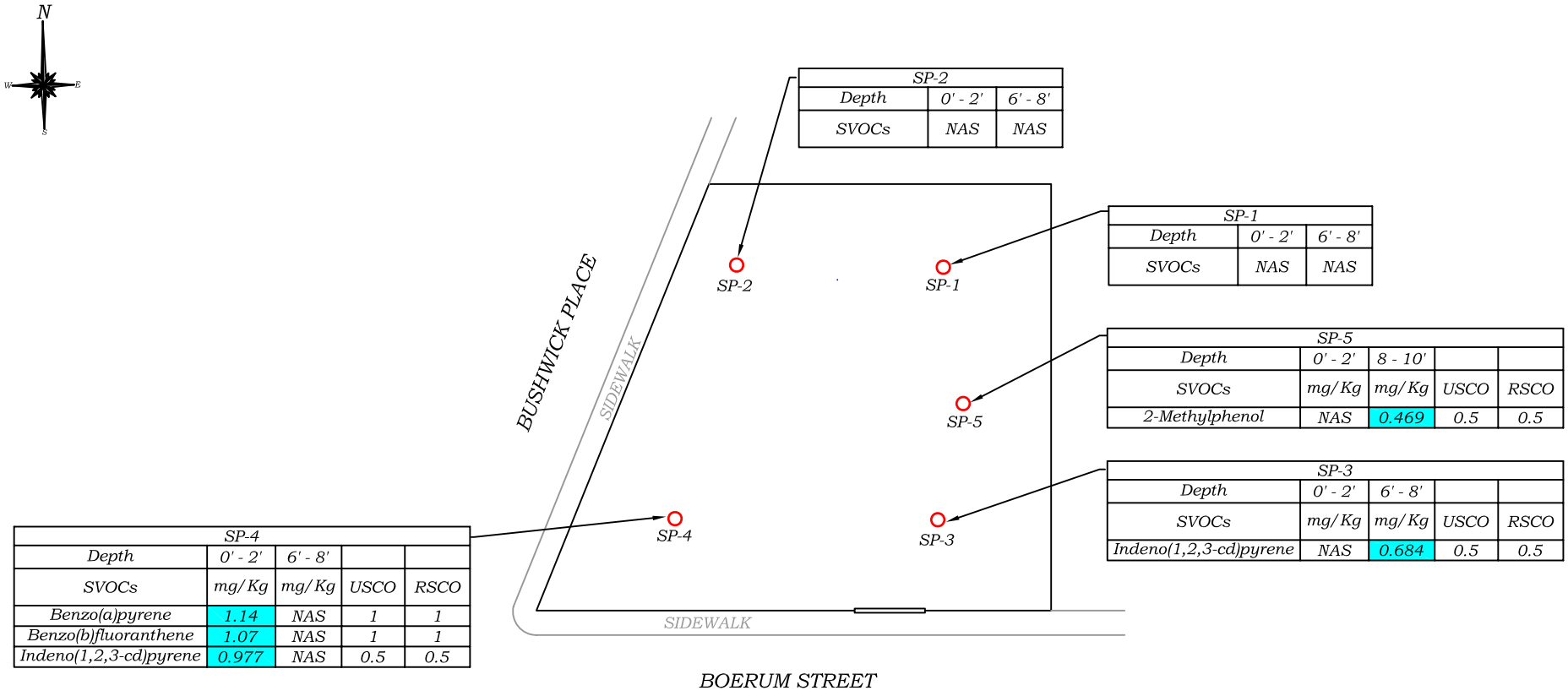
www.hydrotechenvironmental.com

225 - 227 Boerum Street
Brooklyn, NY.
HTE Job# 130293

Drawn By: C.Q.
Reviewed By: M.R
Approved By: M.S
Date: 01/02/13
Scale: AS NOTED

TITLE:

FIGURE 5: LOCATION OF SOIL BORINGS, WELLS AND SOIL VAPOR SAMPLES



SP-2		
Depth	0' - 2'	6' - 8'
SVOCs	NAS	NAS

SP-1		
Depth	0' - 2'	6' - 8'
SVOCs	NAS	NAS

SP-5				
Depth	0' - 2'	8 - 10'		
SVOCs	mg/Kg	mg/Kg	USCO	RSCO
2-Methylphenol	NAS	0.469	0.5	0.5

SP-3				
Depth	0' - 2'	6' - 8'		
SVOCs	mg/Kg	mg/Kg	USCO	RSCO
Indeno(1,2,3-cd)pyrene	NAS	0.684	0.5	0.5

SP-4				
Depth	0' - 2'	6' - 8'		
SVOCs	mg/Kg	mg/Kg	USCO	RSCO
Benzo(a)pyrene	1.14	NAS	1	1
Benzo(b)fluoranthene	1.07	NAS	1	1
Indeno(1,2,3-cd)pyrene	0.977	NAS	0.5	0.5

LEGEND:

○	SOIL PROBE LOCATION (SP)
SVOC	SEMI VOLATILE ORGANIC COMPOUND
mg/Kg	MILLIGRAMS PER KILOGRAM
NAS	NONE ABOVE STANDARDS
USCO	UNRESTRICTED USE SOIL CLEANUP OBJECTIVES
RSCO	RESTRICTED USE SOIL CLEANUP OBJECTIVES
	SHADED VALUES EXCEED RSCO

0' 20' 40'

SCALE IN FEET (FT.)

HYDRO TECH ENVIRONMENTAL CORP.

MAIN OFFICE:
77 ARKAY DRIVE, SUITE G
HAUPPAUGE, NEW YORK 11788
T (631)462-5866 F (631)462-5877

NYC OFFICE:
15 OCEAN AVENUE, 2nd Floor
BROOKLYN, NEW YORK 11225
T (718)636-0800 F (718)636-0900

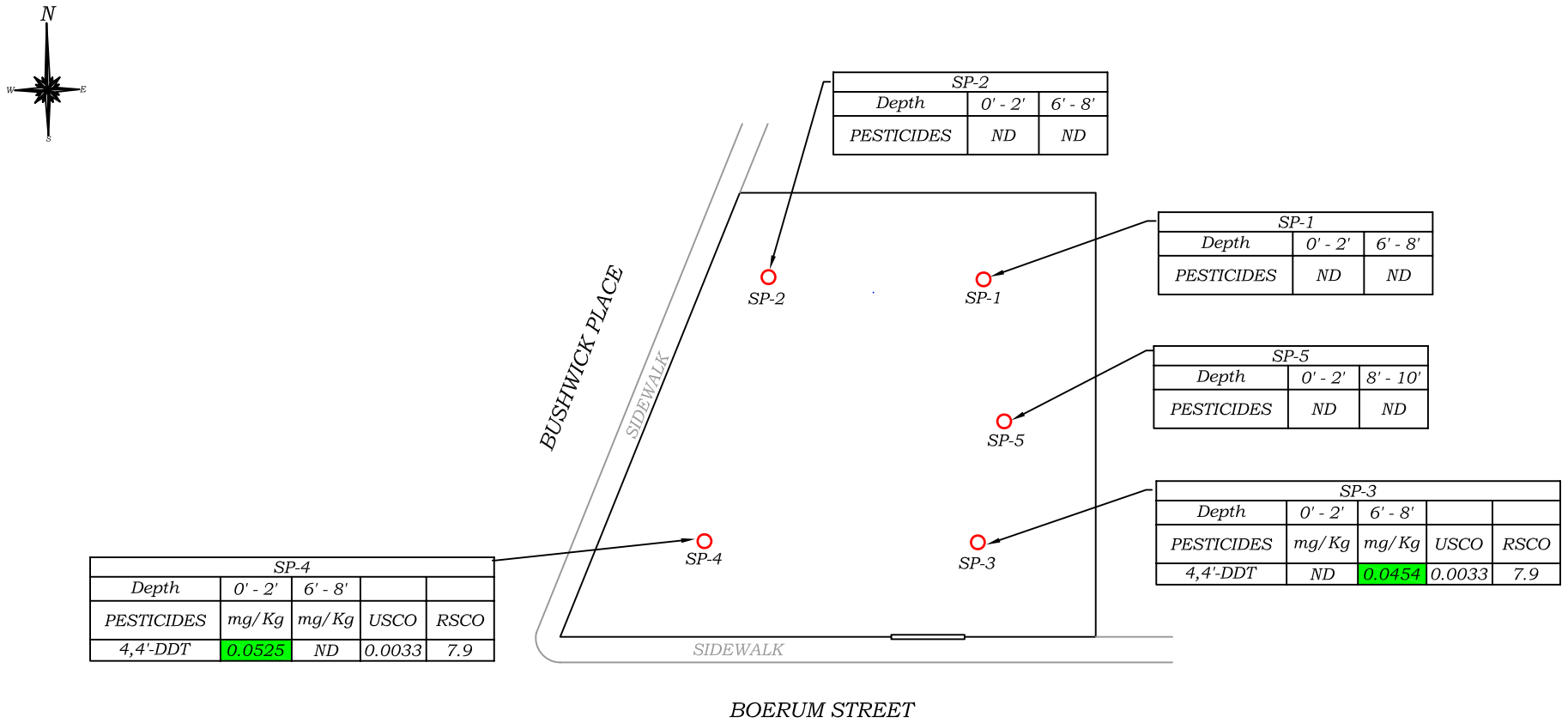
www.hydrotechenvironmental.com

225 - 227 Boerum Street
Brooklyn, NY.
HTE Job# 130293

Drawn By: C.Q.
Reviewed By: M.R
Approved By: M.S
Date: 01/02/13
Scale: AS NOTED

TITLE:

FIGURE 6: MAP OF SVOCs IN SOIL



SP-2		
Depth	0' - 2'	6' - 8'
PESTICIDES	ND	ND

SP-1		
Depth	0' - 2'	6' - 8'
PESTICIDES	ND	ND

SP-5		
Depth	0' - 2'	8' - 10'
PESTICIDES	ND	ND

SP-3				
Depth	0' - 2'	6' - 8'		
PESTICIDES	mg/Kg	mg/Kg	USCO	RSCO
4,4'-DDT	ND	0.0454	0.0033	7.9

SP-4				
Depth	0' - 2'	6' - 8'		
PESTICIDES	mg/Kg	mg/Kg	USCO	RSCO
4,4'-DDT	0.0525	ND	0.0033	7.9

LEGEND:

○	SOIL PROBE LOCATION (SP)
mg/Kg	MILLIGRAMS PER KILOGRAM
ND	NONE DETECTED
USCO	UNRESTRICTED USE SOIL CLEANUP OBJECTIVES
RSCO	RESTRICTED USE SOIL CLEANUP OBJECTIVES
	SHADED VALUES EXCEED USCO

0' 20' 40'

SCALE IN FEET (FT.)

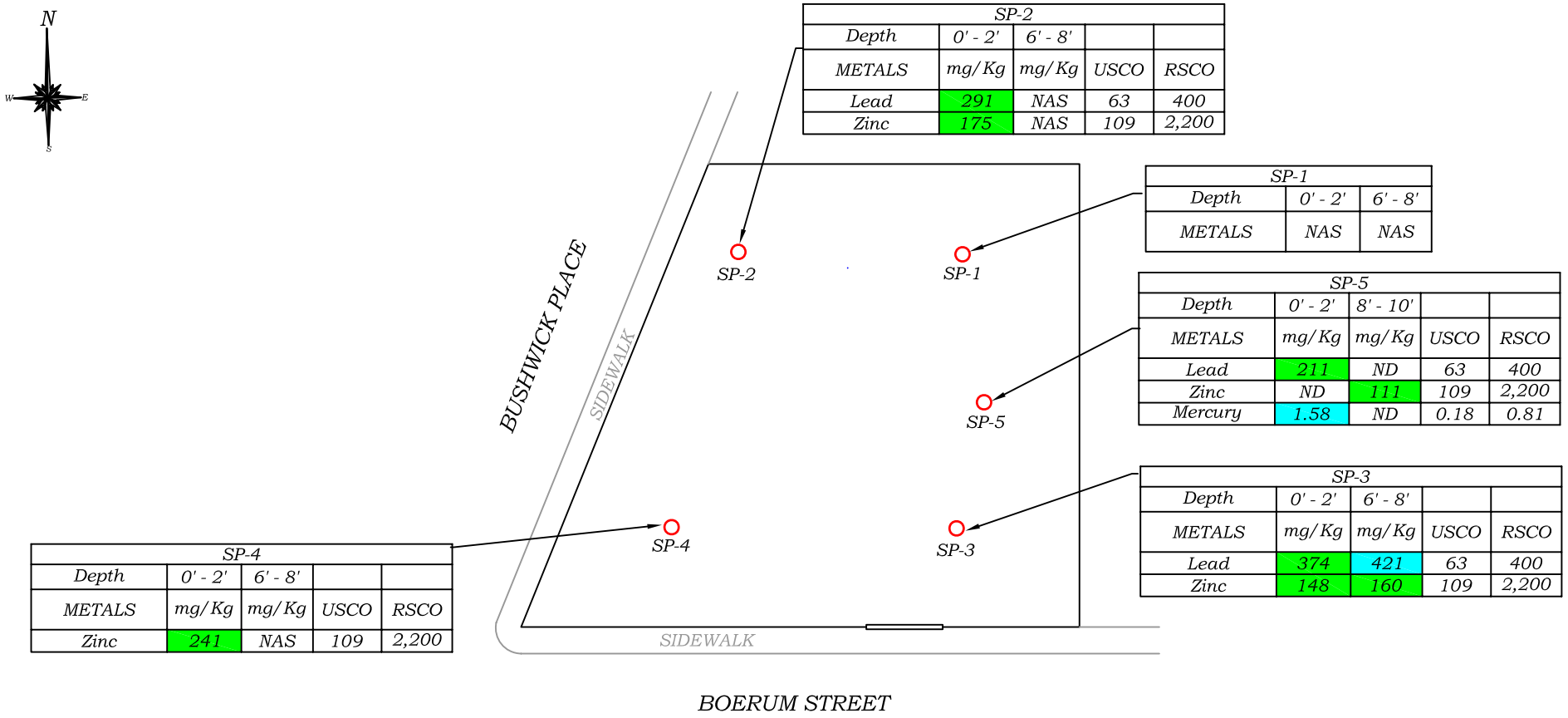
HYDRO TECH ENVIRONMENTAL CORP.
MAIN OFFICE:
77 ARKAY DRIVE, SUITE G
HAUPPAUGE, NEW YORK 11788
T (631)462-5866 F (631)462-5877
NYC OFFICE:
15 OCEAN AVENUE, 2nd Floor
BROOKLYN, NEW YORK 11225
T (718)636-0800 F (718)636-0900
www.hydrotechenvironmental.com

225 - 227 Boerum Street
Brooklyn, NY.
HTE Job# 130293

Drawn By: C.Q.
Reviewed By: M.R
Approved By: M.S
Date: 01/02/13
Scale: AS NOTED

TITLE:

FIGURE 7: MAP OF PESTICIDES IN SOIL



SP-2				
Depth	0' - 2'	6' - 8'		
METALS	mg/Kg	mg/Kg	USCO	RSCO
Lead	291	NAS	63	400
Zinc	175	NAS	109	2,200

SP-1		
Depth	0' - 2'	6' - 8'
METALS	NAS	NAS

SP-5				
Depth	0' - 2'	8' - 10'		
METALS	mg/Kg	mg/Kg	USCO	RSCO
Lead	211	ND	63	400
Zinc	ND	111	109	2,200
Mercury	1.58	ND	0.18	0.81

SP-3				
Depth	0' - 2'	6' - 8'		
METALS	mg/Kg	mg/Kg	USCO	RSCO
Lead	374	421	63	400
Zinc	148	160	109	2,200

SP-4				
Depth	0' - 2'	6' - 8'		
METALS	mg/Kg	mg/Kg	USCO	RSCO
Zinc	241	NAS	109	2,200

LEGEND:

○	SOIL PROBE LOCATION (SP)
mg/Kg	MILLIGRAMS PER KILOGRAM
ND	NONE DETECTED
NAS	NONE ABOVE STANDARDS
USCO	UNRESTRICTED USE SOIL CLEANUP OBJECTIVES
RSCO	RESTRICTED USE SOIL CLEANUP OBJECTIVES
	PINK SHADED VALUES EXCEED USCO
	ORANGE SHADED VALUES EXCEED RSCO

0' 20' 40'

SCALE IN FEET (FT.)

HYDRO TECH ENVIRONMENTAL CORP.
MAIN OFFICE:
77 ARKAY DRIVE, SUITE G
HAUPPAUGE, NEW YORK 11788
T (631)462-5866 F (631)462-5877
NYC OFFICE:
15 OCEAN AVENUE, 2nd Floor
BROOKLYN, NEW YORK 11225
T (718)636-0800 F (718)636-0900
www.hydrotechenvironmental.com

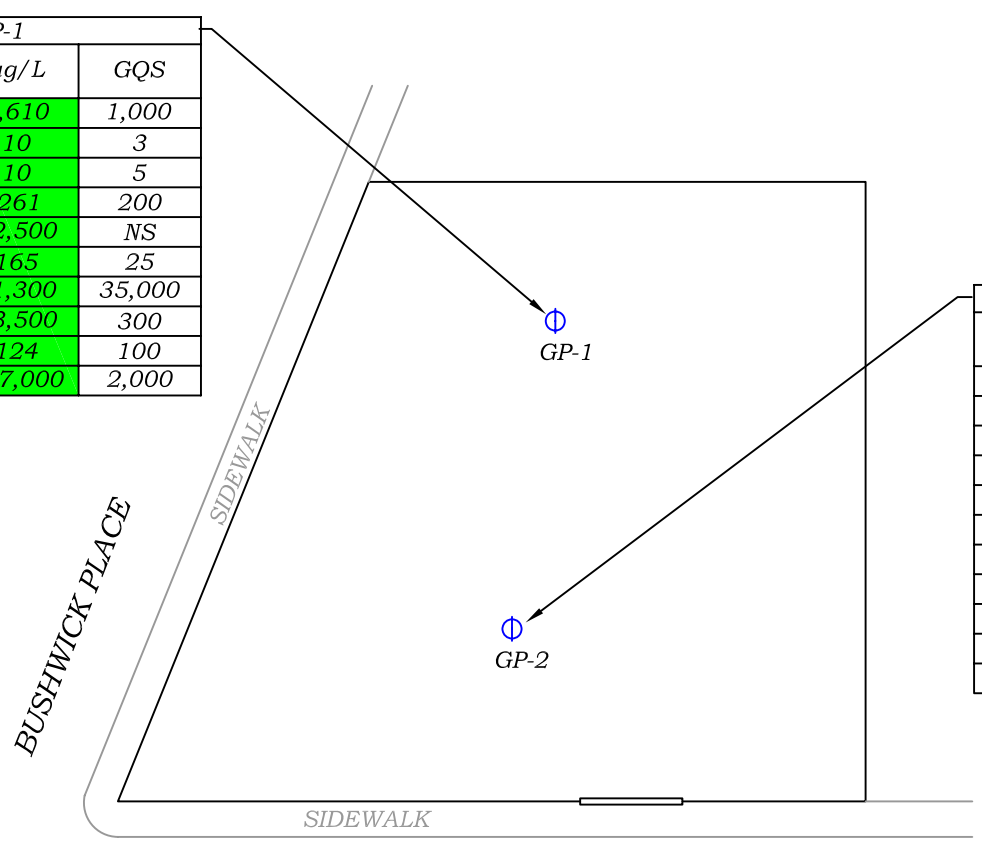
225 - 227 Boerum Street
Brooklyn, NY.
HTE Job# 130293

Drawn By: C.Q.
Reviewed By: M.R
Approved By: M.S
Date: 01/02/13
Scale: AS NOTED

TITLE:

FIGURE 8: MAP OF METALS IN SOIL

GP-1		
METALS	µg/L	GQS
Barium	1,610	1,000
Beryllium	10	3
Cadmium	10	5
Copper	261	200
Iron	52,500	NS
Lead	165	25
Magnesium	71,300	35,000
Manganese	53,500	300
Nickel	124	100
Sodium	147,000	2,000



GP-2		
METALS	µg/L	GQS
Barium	4,010	1,000
Beryllium	4	3
Cadmium	8	5
Chromium	330	50
Copper	300	200
Iron	43,300	NS
Lead	38	25
Magnesium	42,000	35,000
Manganese	64,300	300
Nickel	133	100
Sodium	102,000	2,000

LEGEND:

⌀	GROUNDWATER PROBE LOCATION (GP)
µg/L	MICROGRAMS PER LITER
GQS	GROUNDWATER QUALITY STANDARDS
	SHADED VALUES EXCEED GQS

0' 20' 40'

SCALE IN FEET (FT.)

HYDRO TECH ENVIRONMENTAL CORP.

MAIN OFFICE:
77 ARKAY DRIVE, SUITE G
HAUPPAUGE, NEW YORK 11788
T (631)462-5866 F (631)462-5877

NYC OFFICE:
15 OCEAN AVENUE, 2nd Floor
BROOKLYN, NEW YORK 11225
T (718)636-0800 F (718)636-0900

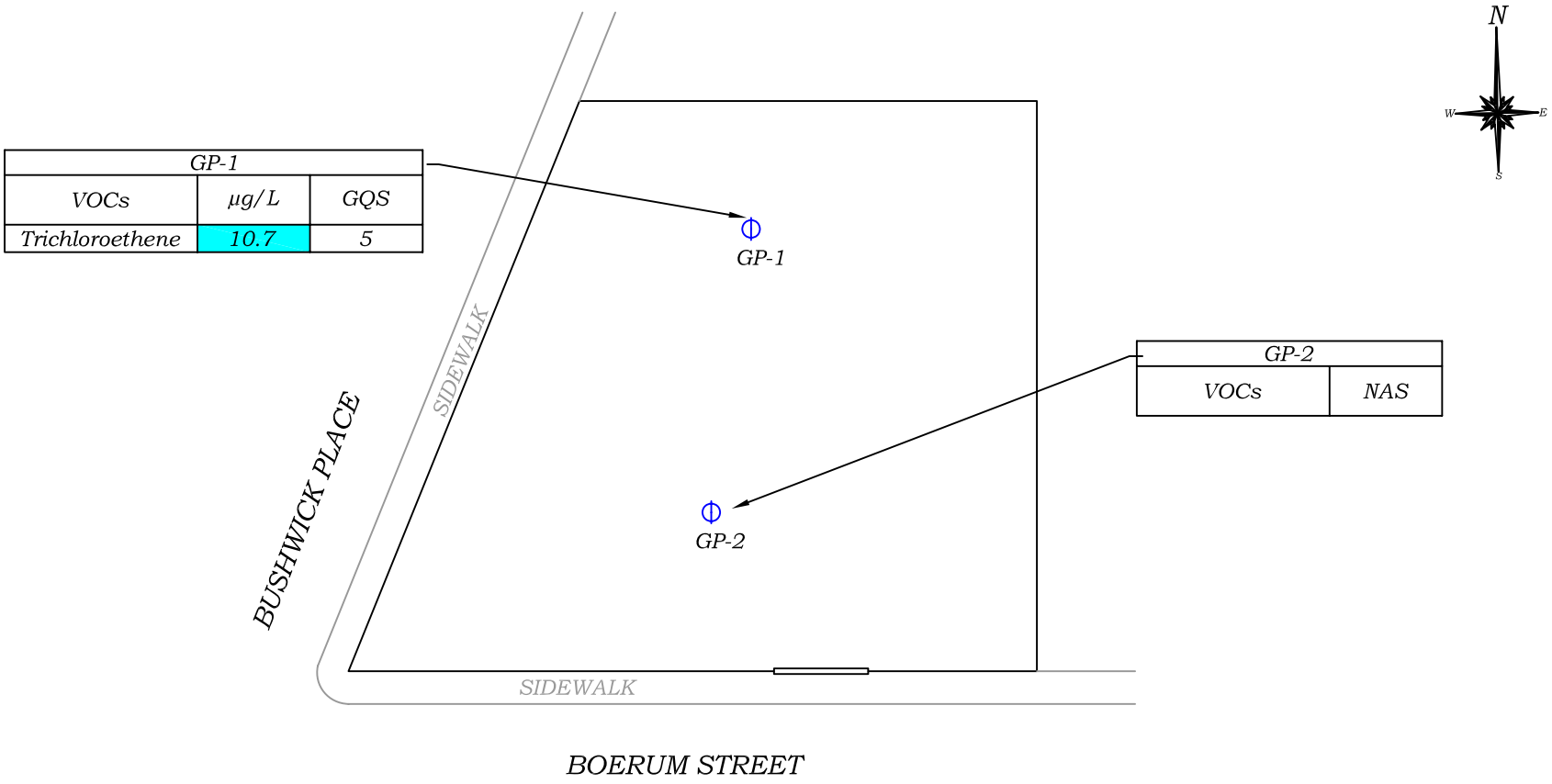
www.hydrotechenvironmental.com

225 - 227 Boerum Street
Brooklyn, NY.
HTE Job# 130293

Drawn By: C.Q.
Reviewed By: M.R
Approved By: M.S
Date: 01/02/13
Scale: AS NOTED

TITLE:

FIGURE 9: MAP OF METALS IN GROUNDWATER



LEGEND:

⌀	*GROUNDWATER PROBE LOCATION (GP)*
µg/L	*MICROGRAMS PER LITER*
VOC	*VOLATILE ORGANIC COMPOUNDS*
NAS	*NONE ABOVE STANDARDS*
GQS	*GROUNDWATER QUALITY STANDARDS*
	SHADED VALUES EXCEED GQS

0' 20' 40'

SCALE IN FEET (FT.)

HYDRO TECH ENVIRONMENTAL CORP.

MAIN OFFICE:
77 ARKAY DRIVE, SUITE G
HAUPPAUGE, NEW YORK 11788
T (631)462-5866 F (631)462-5877

NYC OFFICE:
15 OCEAN AVENUE, 2nd Floor
BROOKLYN, NEW YORK 11225
T (718)636-0800 F (718)636-0900

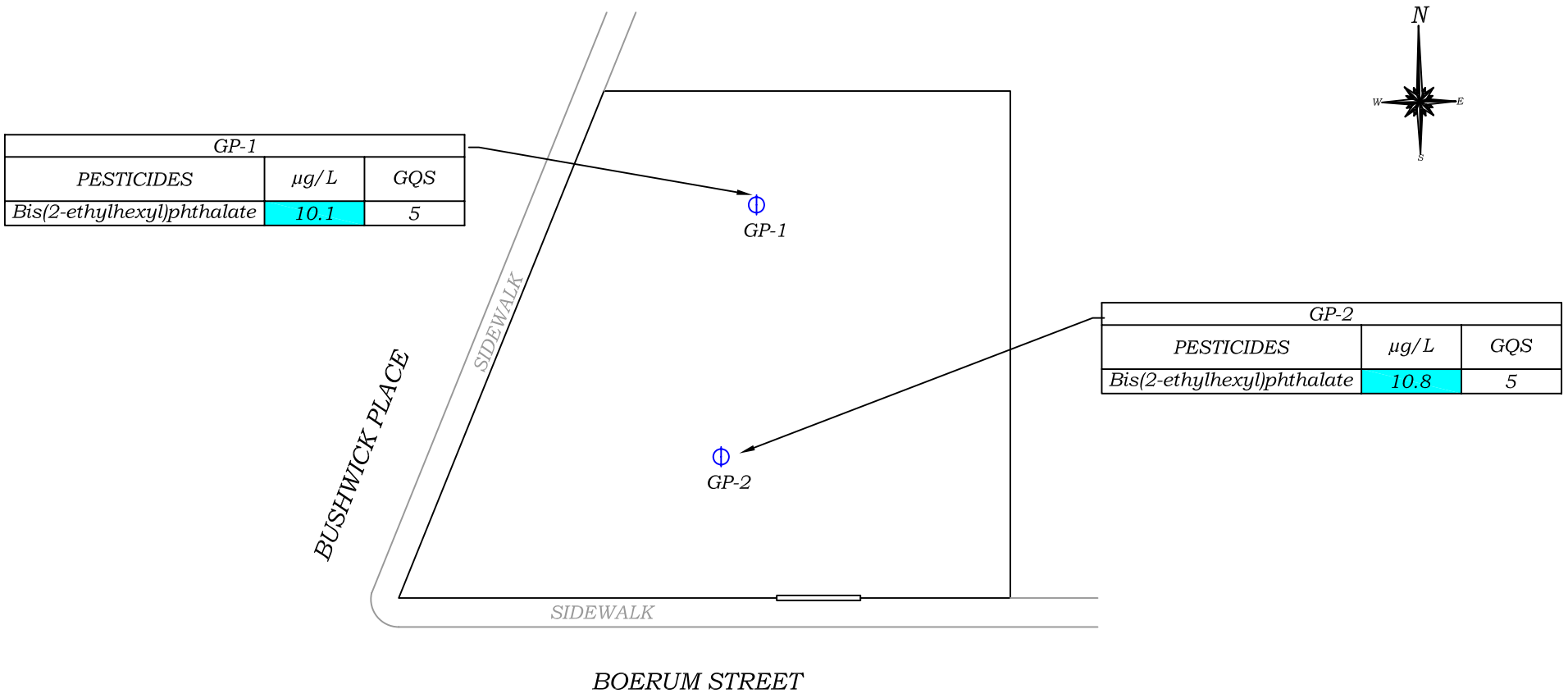
www.hydrotechenvironmental.com

225 - 227 Boerum Street
Brooklyn, NY.
HTE Job# 130293

Drawn By: C.Q.
Reviewed By: M.R
Approved By: M.S
Date: 01/02/13
Scale: AS NOTED

TITLE:

FIGURE 10: MAP OF VOCs IN GROUNDWATER



LEGEND:

⌀	*GROUNDWATER PROBE LOCATION (GP)*
µg/L	*MICROGRAMS PER LITER*
GQS	*GROUNDWATER QUALITY STANDARDS*
	SHADED VALUES EXCEED GQS

0′ 20′ 40′

SCALE IN FEET (FT.)

HYDRO TECH ENVIRONMENTAL CORP.

MAIN OFFICE:
77 ARKAY DRIVE, SUITE G
HAUPPAUGE, NEW YORK 11788
T (631)462-5866 F (631)462-5877

NYC OFFICE:
15 OCEAN AVENUE, 2nd Floor
BROOKLYN, NEW YORK 11225
T (718)636-0800 F (718)636-0900

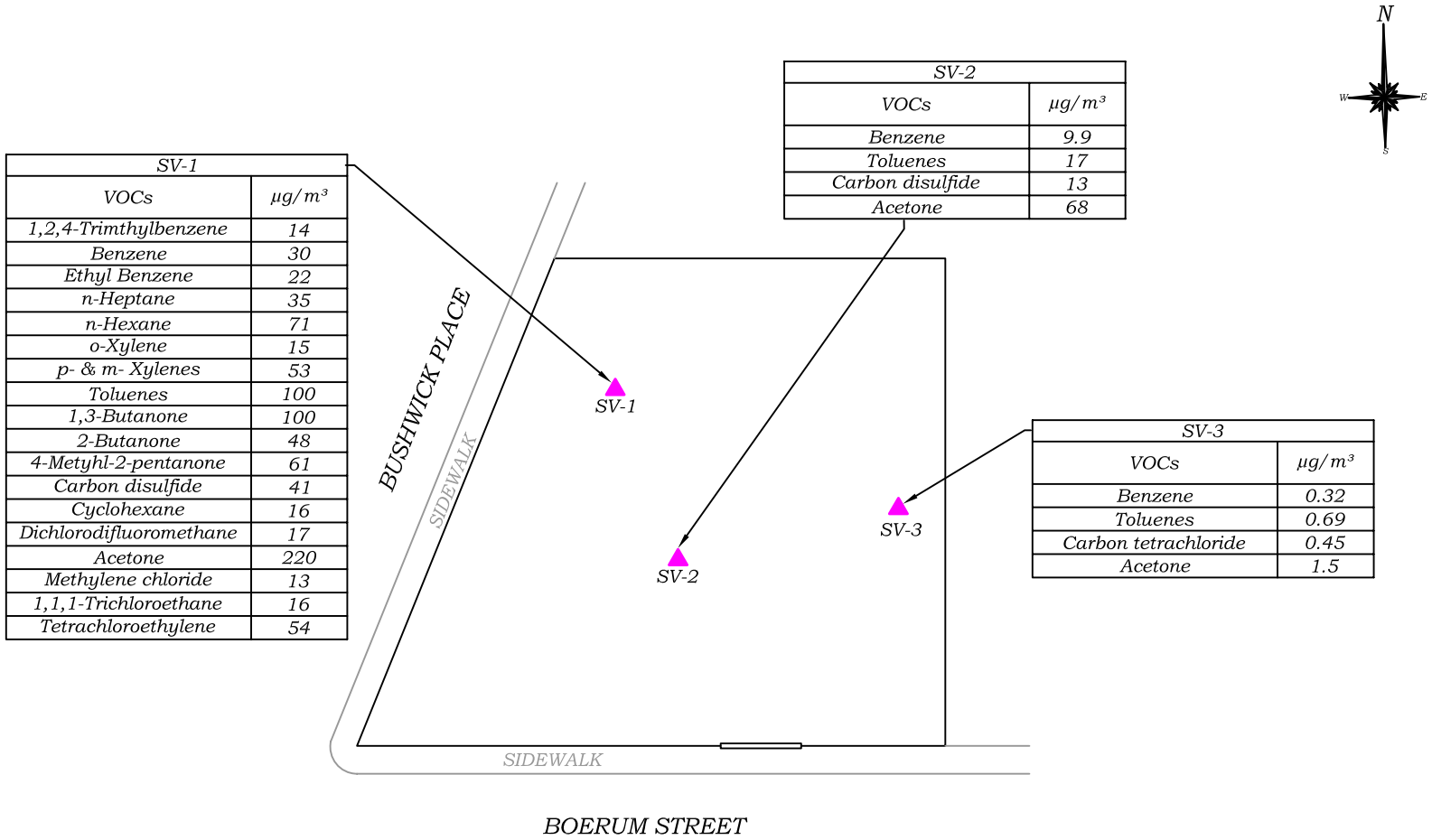
www.hydrotechenvironmental.com

225 - 227 Boerum Street
Brooklyn, NY.
HTE Job# 130293

Drawn By: C.Q.
Reviewed By: M.R
Approved By: M.S
Date: 01/02/13
Scale: AS NOTED

TITLE:

FIGURE 11: MAP OF PESTICIDES IN GROUNDWATER



LEGEND:

▲ *SOIL VAPOR PROBE (SV)*

µg/m³ *MICROGRAMS PER CUBIC METER*

VOC *VOLATILE ORGANIC COMPOUNDS*

0′ 20′ 40′

SCALE IN FEET (FT.)

HYDRO TECH ENVIRONMENTAL CORP.

MAIN OFFICE:
77 ARKAY DRIVE, SUITE G
HAUPPAUGE, NEW YORK 11788
T (631)462-5866 F (631)462-5877

NYC OFFICE:
15 OCEAN AVENUE, 2nd Floor
BROOKLYN, NEW YORK 11225
T (718)636-0800 F (718)636-0900

www.hydrotechenvironmental.com

225 - 227 Boerum Street
Brooklyn, NY.
HTE Job# 130293

Drawn By: C.Q.
Reviewed By: M.R
Approved By: M.S
Date: 01/02/13
Scale: AS NOTED

TITLE:

FIGURE 12: MAP OF VOCs IN SOIL VAPOR

TABLES

Table 1
Soil Samples Analytical Results for VOCs
225-227 Boerum Street, Brooklyn, NY

Sample ID	SP-1	SP-1		SP-2	SP-2		SP-3	SP-3		SP-4	SP-4		SP-5	SP-5		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives (mg/kg)	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential (mg/kg)
Sample Depth	0'-2'	6'-8'		0'-2'	6'-8'		0'-2'	6'-8'		0'-2'	6'-8'		0'-2'	8'-10'			
Sampling Date	12/10/2007	12/10/2007		12/10/2007	12/10/2007		12/10/2007	12/10/2007		12/10/2007	12/10/2007		11/7/2013	11/7/2013			
Matrix	Soil	Soil		Soil	Soil		Soil	Soil		Soil	Soil		Soil	Soil			
Units	mg/kg	mg/kg		mg/kg	mg/kg		mg/kg	mg/kg		mg/kg	mg/kg		mg/kg	mg/kg			
Compounds	Results	Results	Q	Results	Results	Q	Results	Results	Q	Results	Results	Q	Results	Results	Q		
1,1,1,2-Tetrachloroethane	ND	ND		ND	ND		ND	ND		ND	ND		<0.0042	<0.0028		NS	NS
1,1,1-Trichloroethane	ND	ND		ND	ND		ND	ND		ND	ND		<0.0042	<0.0028		0.68	100
1,1,2,2-Tetrachloroethane	ND	ND		ND	ND		ND	ND		ND	ND		<0.0042	<0.0028		NS	NS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NA	ND		NA	ND		NA	ND		NA	ND		<0.0042	<0.0028		NS	NS
1,1,2-Trichloroethane	ND	ND		ND	ND		ND	ND		ND	ND		<0.0042	<0.0028		NS	NS
1,1-Dichloroethane	ND	ND		ND	ND		ND	ND		ND	ND		<0.0042	<0.0028		0.27	19
1,1-Dichloroethylene	ND	ND		ND	ND		ND	ND		ND	ND		<0.0042	<0.0028		0.33	100
1,1-Dichloropropylene	ND	ND		ND	ND		ND	ND		ND	ND		<0.0042	<0.0028		NS	NS
1,2,3-Trichlorobenzene	ND	ND		ND	ND		ND	ND		ND	ND		<0.0042	<0.0028		NS	NS
1,2,3-Trichloropropane	ND	ND		ND	ND		ND	ND		ND	ND		<0.0042	<0.0028		NS	NS
1,2,4-Trichlorobenzene	ND	ND		ND	ND		ND	ND		ND	ND		<0.0042	<0.0028		NS	NS
1,2,4-Trimethylbenzene	ND	ND		ND	ND		ND	ND		ND	ND		<0.0042	<0.0028		3.6	47
1,2-Dibromo-3-chloropropane	ND	ND		ND	ND		ND	ND		ND	ND		<0.0042	<0.0028		NS	NS
1,2-Dibromoethane	ND	ND		ND	ND		ND	ND		ND	ND		<0.0042	<0.0028		NS	NS
1,2-Dichlorobenzene	ND	ND		ND	ND		ND	ND		ND	ND		<0.0042	<0.0028		1.1	100
1,2-Dichloroethane	ND	ND		ND	ND		ND	ND		ND	ND		<0.0042	<0.0028		0.02	2.3
1,2-Dichloropropane	ND	ND		ND	ND		ND	ND		ND	ND		<0.0042	<0.0028		NS	NS
1,3,5-Trimethylbenzene	ND	ND		ND	ND		ND	ND		ND	ND		<0.0042	<0.0028		8.4	47
1,3-Dichlorobenzene	ND	ND		ND	ND		ND	ND		ND	ND		<0.0042	<0.0028		2.4	17
1,3-Dichloropropane	ND	ND		ND	ND		ND	ND		ND	ND		<0.0042	<0.0028		NS	NS
1,4-Dichlorobenzene	ND	ND		ND	ND		ND	ND		ND	ND		<0.0042	<0.0028		1.8	9.8
1,4-Dioxane	NA	ND		NA	ND		NA	ND		NA	ND		<0.084	<0.055		0.1	9.8
2,2-Dichloropropane	ND	ND		ND	ND		ND	ND		ND	ND		<0.0042	<0.0028		NS	NS
2-Butanone	NA	ND		NA	ND		NA	ND		NA	ND		<0.0042	<0.0028		0.12	100
2-Chlorotoluene	NA	ND		NA	ND		NA	ND		NA	ND		<0.0042	<0.0028		NS	NS
4-Chlorotoluene	NA	ND		NA	ND		NA	ND		NA	ND		<0.0042	<0.0028		NS	NS
Acetone	NA	ND		NA	ND		NA	ND		NA	ND		<0.0042	<0.0028		0.05	100
Benzene	ND	ND		ND	ND		ND	ND		ND	ND		<0.0042	<0.0028		0.06	2.9
Bromobenzene	ND	ND		ND	ND		ND	ND		ND	ND		<0.0042	<0.0028		NS	NS
Bromochloromethane	NA	ND		NA	ND		NA	ND		NA	ND		<0.0042	<0.0028		NS	NS
Bromodichloromethane	ND	ND		ND	ND		ND	ND		ND	ND		<0.0042	<0.0028		NS	NS
Bromoform	ND	ND		ND	ND		ND	ND		ND	ND		<0.0042	<0.0028		NS	NS
Bromomethane	ND	ND		ND	ND		ND	ND		ND	ND		<0.0042	<0.0028		NS	NS
Carbon tetrachloride	ND	ND		ND	ND		ND	ND		ND	ND		<0.0042	<0.0028		0.76	1.4
Chlorobenzene	ND	ND		ND	ND		ND	ND		ND	ND		<0.0042	<0.0028		1.1	100
Chloroethane	ND	ND		ND	ND		ND	ND		ND	ND		<0.0042	<0.0028		NS	NS
Chloroform	ND	ND		ND	ND		ND	ND		ND	ND		<0.0042	<0.0028		0.37	10
Chloromethane	ND	ND		ND	ND		ND	ND		ND	ND		<0.0042	<0.0028		NS	NS
cis-1,2-Dichloroethylene	ND	ND		ND	ND		ND	ND		ND	ND		<0.0042	<0.0028		0.25	59
cis-1,3-Dichloropropylene	NA	ND		NA	ND		NA	ND		NA	ND		<0.0042	<0.0028		NS	NS
Dibromochloromethane	ND	ND		ND	ND		ND	ND		ND	ND		<0.0042	<0.0028		NS	NS
Dibromomethane	ND	ND		ND	ND		ND	ND		ND	ND		<0.0042	<0.0028		NS	NS
Dichlorodifluoromethane	ND	ND		ND	ND		ND	ND		ND	ND		<0.0042	<0.0028		NS	NS
Ethyl Benzene	ND	ND		ND	ND		ND	ND		ND	ND		<0.0042	<0.0028		1	30
Hexachlorobutadiene	ND	ND		ND	ND		ND	ND		ND	ND		<0.0042	<0.0028		NS	NS
Isopropylbenzene	ND	ND		ND	ND		ND	ND		ND	ND		<0.0042	<0.0028		NS	NS
Methyl tert-butyl ether (MTBE)	ND	ND		ND	ND		ND	ND		ND	ND		<0.0042	<0.0028		0.93	62
Methylene chloride	ND	ND		ND	ND		ND	ND		ND	ND		<0.0042	<0.0028		0.05	51
n-Butylbenzene	NA	ND		NA	ND		NA	ND		NA	ND		<0.0042	<0.0028		12	100
n-Propylbenzene	ND	ND		ND	ND		ND	ND		ND	ND		<0.0042	<0.0028		3.9	100
Naphthalene	ND	ND		ND	ND		ND	ND		ND	ND		<0.0042	<0.0028		12	100
o-Xylene	ND	ND		ND	ND		ND	ND		ND	ND		<0.0042	<0.0028		NS	NS
p- & m- Xylenes	ND	ND		ND	ND		ND	ND		ND	ND		<0.0084	<0.0055		NS	NS
p-Isopropyltoluene	ND	ND		ND	ND		**0.0253**	ND		ND	ND		<0.0042	<0.0028		NS	NS
sec-Butylbenzene	ND	ND		ND	ND		ND	ND		ND	ND		<0.0042	<0.0028		11	100
Styrene	NA	ND		NA	ND		NA	ND		NA	ND		<0.0042	<0.0028		NS	NS
tert-Butylbenzene	ND	ND		ND	ND		ND	ND		ND	ND		<0.0042	<0.0028		5.9	100
Tetrachloroethylene	ND	ND		ND	ND		ND	ND		ND	ND		<0.0042	<0.0028		1.3	5.5
Toluene	ND	ND		ND	ND		ND	ND		ND	ND		<0.0042	<0.0028		0.7	100
trans-1,2-Dichloroethylene	ND	ND		ND	ND		ND	ND		ND	ND		<0.0042	<0.0028		0.19	100
trans-1,3-Dichloropropylene	NA	ND		NA	ND		NA	ND		NA	ND		<0.0042	<0.0028		NS	NS
Trichloroethylene	NA	ND		NA	ND		NA	ND		NA	ND		<0.0042	<0.0028		0.47	10
Trichlorofluoromethane	NA	ND		NA	ND		NA	ND		NA	ND		<0.0042	<0.0028		NS	NS
Vinyl acetate	NA	ND		NA	ND		NA	ND		NA	ND		<0.0042	<0.0028		NS	NS
Vinyl Chloride	ND	ND		ND	ND		ND	ND		ND	ND		<0.0042	<0.0028		0.02	0.21
Total VOCs	ND	ND		ND	ND		**0.0253**	ND		ND	ND		ND	ND		NS	NS

Q is the Qualifier Column with definitions as follows:
ND=analyte not detected above MDL (method detection limit)
NS=this indicates that no regulatory limit has been established for this analyte
NA=this indicates the analyte was not a target for this sample

Table 1 (Cont.)
Soil Samples Analytical Results for SVOCs
225-227 Boerum Street, Brooklyn, NY

Sample ID	SP-1	SP-1		SP-2	SP-2		SP-3	SP-3		SP-4	SP-4		SP-5		SP-5		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives (mg/kg)	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential (mg/kg)
Sample Depth	0'-2'	6'-8'		0'-2'	6'-8'		0'-2'	6'-8'		0'-2'	6'-8'		0'-2'		8'-10'			
Sampling Date	12/10/2007	12/10/2007		12/10/2007	12/10/2007		12/10/2007	12/10/2007		12/10/2007	12/10/2007		11/7/2013		11/7/2013			
Matrix	Soil	Soil		Soil	Soil		Soil	Soil		Soil	Soil		Soil		Soil			
Units	mg/kg	mg/kg		mg/kg	mg/kg		mg/kg	mg/kg		mg/kg	mg/kg		mg/kg		mg/kg			
Compounds	Results	Results	Q	Results	Results	Q	Results	Results	Q	Results	Results	Q	Results	Q	Results	Q		
1,2,4-Trichlorobenzene	NA	ND		NA	ND		NA	ND		NA	ND		<0.0461		<0.234		NS	NS
1,2-Dichlorobenzene	ND	ND		ND	ND		ND	ND		ND	ND		<0.0461		<0.234		1.1	100
1,3-Dichlorobenzene	ND	ND		ND	ND		ND	ND		ND	ND		<0.0461		<0.234		2.4	17
1,4-Dichlorobenzene	ND	ND		ND	ND		ND	ND		ND	ND		<0.0461		<0.234		1.8	9.8
2,4,5-Trichlorophenol	NA	ND		NA	ND		NA	ND		NA	ND		<0.0461		<0.234		NS	NS
2,4,6-Trichlorophenol	NA	ND		NA	ND		NA	ND		NA	ND		<0.0461		<0.234		NS	NS
2,4-Dichlorophenol	NS	ND		NS	ND		NS	ND		NS	ND		0.0921		<0.469		NS	NS
2,4-Dimethylphenol	NA	ND		NA	ND		NA	ND		NA	ND		<0.0461		<0.234		NS	NS
2,4-Dinitrophenol	NA	ND		NA	ND		NA	ND		NA	ND		<0.183		<0.931		NS	NS
2,4-Dinitrotoluene	ND	ND		ND	ND		ND	ND		ND	ND		<0.0921		<0.469		NS	NS
2,6-Dinitrotoluene	ND	ND		ND	ND		ND	ND		ND	ND		<0.0461		<0.234		NS	NS
2-Chloronaphthalene	NA	ND		NA	ND		NA	ND		NA	ND		<0.0461		<0.234		NS	NS
2-Chlorophenol	NA	ND		NA	ND		NA	ND		NA	ND		<0.0461		<0.234		NS	NS
2-Methylnaphthalene	ND	ND		ND	ND		ND	ND		ND	ND		<0.0461		<0.234		NS	NS
2-Methylphenol	NA	ND		NA	ND		NA	ND		NA	ND		<0.0921		**0.469**		0.33	100
2-Nitroaniline	ND	ND		ND	ND		ND	ND		ND	ND		<0.0461		<0.234		NS	NS
2-Nitrophenol	NA	ND		NA	ND		NA	ND		NA	ND		<0.0461		<0.234		NS	NS
3,3'-Dichlorobenzidine	ND	ND		ND	ND		ND	ND		ND	ND		**0.183**		**0.931**		NS	NS
3- & 4-Methylphenols	NA	ND		NA	ND		NA	ND		NA	ND		<0.0921		<0.469		NS	NS
3-Nitroaniline	ND	ND		ND	ND		ND	ND		ND	ND		<0.0921		<0.469		NS	NS
4,6-Dinitro-2-methylphenol	NA	ND		NA	ND		NA	ND		NA	ND		<0.0921		<0.469		NS	NS
4-Bromophenyl phenyl ether	ND	ND		ND	ND		ND	ND		ND	ND		<0.0461		<0.234		NS	NS
4-Chloro-3-methylphenol	NA	ND		NA	ND		NA	ND		NA	ND		<0.0921		<0.469		NS	NS
4-Chloroaniline	ND	ND		ND	ND		ND	ND		ND	ND		<0.0921		<0.469		NS	NS
4-Chlorophenyl phenyl ether	NA	ND		NA	ND		NA	ND		NA	ND		<0.0461		<0.234		NS	NS
4-Nitroaniline	ND	ND		ND	ND		ND	ND		ND	ND		<0.0921		<0.469		NS	NS
4-Nitrophenol	NA	ND		NA	ND		NA	ND		NA	ND		<0.0921		<0.469		NS	NS
Acenaphthene	ND	ND		ND	ND		ND	ND		ND	ND		<0.0461		<0.234		20	100
Acenaphthylene	ND	ND		ND	ND		**0.136**	ND		**0.727**	ND		<0.0461		<0.234		100	100
Aniline	NA	ND		NA	ND		NA	ND		NA	ND		<0.0461		<0.234		NS	NS
Anthracene	ND	ND		ND	ND		ND	**0.31**		**0.307**	ND		<0.0461		<0.234		100	100
Benzo(a)anthracene	ND	**0.251**		ND	ND		**0.524**	**1.08**		**0.771**	ND		<0.0461		<0.234		1	1
Benzo(a)pyrene	ND	**0.22**		ND	ND		**0.518**	**0.845**		**1.14**	ND		<0.0461		<0.234		1	1
Benzo(b)fluoranthene	ND	ND		ND	ND		ND	**1.17**		**1.07**	ND		**0.0607**	J	<0.234		1	1
Benzo(g,h,i)perylene	ND	ND		ND	ND		**0.506**	**0.747**		**1.22**	ND		<0.0921		<0.469		100	100
Benzo(k)fluoranthene	ND	ND		ND	ND		ND	**0.333**		**0.531**	ND		<0.0461		<0.234		0.8	1
Benzyl alcohol	NA	ND		NA	ND		NA	ND		NA	ND		<0.0921		<0.469		NS	NS
Benzyl butyl phthalate	NA	ND		NA	ND		NA	ND		NA	ND		<0.0461		<0.234		NS	NS
Bis(2-chloroethoxy)methane	ND	ND		ND	ND		ND	ND		ND	ND		<0.0461		<0.234		NS	NS
Bis(2-chloroethyl)ether	ND	ND		ND	ND		ND	ND		ND	ND		<0.0461		<0.234		NS	NS
Bis(2-chloroisopropyl)ether	ND	ND		ND	ND		ND	ND		ND	ND		<0.0461		<0.234		NS	NS
Bis(2-ethylhexyl)phthalate	**0.426**	**0.529**		**0.424**	0.409		**0.482**	**0.502**		**0.374**	0.448		<0.0461		<0.234		NS	NS
Chrysene	ND	**0.276**		ND	ND		**0.568**	**1.09**		**0.786**	ND		**0.0501**	J	<0.234		1	1
Di-n-butyl phthalate	**1**	**1.31**		**1.02**	0.988		**1.01**	**1.12**		**0.555**	1.13		<0.0461		<0.234		NS	NS
Di-n-octyl phthalate	ND	ND		ND	ND		ND	ND		ND	ND		<0.0461		<0.234		NS	NS
Dibenzo(a,h)anthracene	ND	ND		ND	ND		ND	ND		ND	ND		<0.0461		<0.234		0.33	0.33
Dibenzofuran	NA	ND		NA	ND		NA	ND		NA	ND		<0.0461		<0.234		7	14
Diethyl phthalate	NA	ND		NA	ND		NA	ND		NA	ND		<0.0461		<0.234		NS	NS
Dimethyl phthalate	NA	ND		NA	ND		NA	ND		NA	ND		<0.0461		<0.234		NS	NS
Fluoranthene	ND	ND		**0.161**	ND		**1.26**	ND		**1.09**	ND		**0.0936**	J	<0.234		100	100
Fluorene	ND	**0.922**		ND	ND		ND	2.98		ND	ND		<0.0461		<0.234		30	100
Hexachlorobenzene	ND	ND		ND	ND		ND	ND		ND	ND		<0.0461		<0.234		0.33	0.33
Hexachlorobutadiene	ND	ND		ND	ND		ND	ND		ND	ND		<0.0461		<0.234		NS	NS
Hexachlorocyclopentadiene	ND	ND		ND	ND		ND	ND		ND	ND		<0.0921		<0.469		NS	NS
Hexachloroethane	ND	ND		ND	ND		ND	ND		ND	ND		<0.0461		<0.234		NS	NS
Indeno(1,2,3-cd)pyrene	ND	ND		ND	ND		**0.445**	**0.684**		**0.977**	ND		<0.0461		<0.234		0.5	0.5
Isophorone	ND	ND		ND	ND		ND	ND		ND	ND		<0.0461		<0.234		NS	NS
N-nitroso-di-n-propylamine	ND	ND		ND	ND		ND	ND		ND	ND		<0.0461		<0.234		NS	NS
N-Nitrosodimethylamine	NA	ND		NA	ND		NA	ND		NA	ND		<0.0921		<0.469		NS	NS
N-Nitrosodiphenylamine	ND	ND		ND	ND		ND	ND		ND	ND		<0.0461		<0.234		NS	NS
Naphthalene	ND	ND		ND	ND		ND	ND		**0.188**	ND		<0.0461		<0.234		12	100
Nitrobenzene	ND	ND		ND	ND		ND	ND		ND	ND		<0.0461		<0.234		NS	NS
Pentachlorophenol	NA	ND		NA	ND		NA	ND		NA	ND		<0.0921		<0.469		0.8	2.4
Phenanthrene	ND	**0.519**		ND	ND		**0.492**	**1.33**		**0.481**	ND		**0.0713**	J	<0.234		100	100
Phenol	NA	ND		NA	ND		NA	ND		NA	ND		<0.0461		<0.234		0.33	100
Pyrene	ND	**0.431**		ND	ND		**0.749**	**1.64**		**0.807**	ND		**0.0793**	J	<0.234		100	100
Pyridine	NA	ND		NA	ND		NA	ND		NA	ND		<0.0461		<0.234		NS	NS
Total SVOCs	**1.426**	**4.458**		**1.605**	**1.397**		**6.69**	**13.831**		**11.024**	**1.578**		**0.6301**		**1.4**		NS	NS

Q is the Qualifier Column with definitions as follows:
ND=analyte not detected above MDL (method detection limit)
NS=this indicates that no regulatory limit has been established for this analyte
NA=this indicates the analyte was not a target for this sample
Grey shaded values represent concentration exceeding Unrestricted Use SCO
Blue shaded values represent concentration exceeding Restricted Residnetial SCO

Table 1 (Cont.)
Soil Samples Analytical Results for Pesticides/PCBs
225-227 Boerum Street, Brooklyn, NY

Sample ID	SP-1	SP-1		SP-2	SP-2		SP-3	SP-3		SP-4	SP-4		SP-5		SP-5		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives (mg/kg)	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential (mg/kg)
Sample Depth	0'-2'	6'-8'		0'-2'	6'-8'		0'-2'	6'-8'		0'-2'	6'-8'		0'-2'		8'-10'			
Sampling Date	12/10/2007	12/10/2007		12/10/2007	12/10/2007		12/10/2007	12/10/2007		12/10/2007	12/10/2007		11/7/2013		11/7/2013			
Matrix	Soil	Soil		Soil	Soil		Soil	Soil		Soil	Soil		Soil		Soil			
Units	mg/kg	mg/kg		mg/kg	mg/kg		mg/kg	mg/kg		mg/kg	mg/kg		mg/kg		mg/kg			
Compounds	Results	Results	Q	Results	Results	Q	Results	Results	Q	Results	Results	Q	Results	Q	Results	Q		
4,4'-DDD	ND	ND		ND	ND		ND	ND		ND	ND		<0.00181		<0.00184		0.0033	13
4,4'-DDE	ND	ND		ND	ND		ND	ND		ND	ND		<0.00181		<0.00184		0.0033	8.9
4,4'-DDT	ND	ND		ND	ND		ND	**0.0454**		**0.0525**	ND		<0.00181		<0.00184		0.0033	7.9
Aldrin	ND	ND		ND	ND		ND	ND		ND	ND		<0.00181		<0.00184		0.005	0.097
alpha-BHC	ND	ND		ND	ND		ND	ND		ND	ND		<0.00181		<0.00184		0.02	0.48
alpha-Chlordane	ND	ND		ND	ND		ND	ND		ND	ND		NA		NA		0.094	4.2
beta-BHC	ND	ND		ND	ND		ND	ND		ND	ND		<0.00181		<0.00184		NS	NS
delta-BHC	ND	ND		ND	ND		ND	ND		ND	ND		<0.00181		<0.00184		0.04	100
Dieldrin	ND	ND		ND	ND		ND	ND		ND	ND		<0.00181		<0.00184		0.005	0.2
Endosulfan I	ND	ND		ND	ND		ND	ND		ND	ND		<0.00181		<0.00184		2.4	24
Endosulfan II	ND	ND		ND	ND		ND	ND		ND	ND		<0.00181		<0.00184		2.4	24
Endosulfan sulfate	ND	ND		ND	ND		ND	ND		ND	ND		<0.00181		<0.00184		2.4	24
Endrin	ND	ND		ND	ND		ND	ND		ND	ND		<0.00181		<0.00184		0.014	11
Endrin aldehyde	ND	ND		ND	ND		ND	ND		ND	ND		<0.00181		<0.00184		NS	NS
Endrin ketone	ND	ND		ND	ND		ND	ND		ND	ND		<0.00181		<0.00184		NS	NS
gamma-BHC (Lindane)	ND	ND		ND	ND		ND	ND		**0.0132**	ND		<0.00181		<0.00184		NS	NS
gamma-Chlordane	ND	ND		ND	ND		ND	ND		ND	ND		NA		NA		NS	NS
Heptachlor	ND	ND		ND	ND		ND	ND		ND	ND		<0.00181		<0.00184		NS	NS
Heptachlor epoxide	ND	ND		ND	ND		ND	ND		ND	ND		<0.00181		<0.00184		0.1	1.3
Methoxychlor	ND	ND		ND	ND		ND	ND		ND	ND		<0.00181		<0.00184		NS	NS
Toxaphene	ND	ND		ND	ND		ND	ND		ND	ND		<0.0916		<0.0931		NS	NS
Aroclor 1016	ND	ND		ND	ND		ND	ND		ND	ND		<0.0186		<0.019		NS	NS
Aroclor 1221	ND	ND		ND	ND		ND	ND		ND	ND		<0.0186		<0.019		NS	NS
Aroclor 1232	ND	ND		ND	ND		ND	ND		ND	ND		<0.0186		<0.019		NS	NS
Aroclor 1242	ND	ND		ND	ND		ND	ND		ND	ND		<0.0186		<0.019		NS	NS
Aroclor 1248	ND	ND		ND	ND		ND	ND		ND	ND		<0.0186		<0.019		NS	NS
Aroclor 1254	ND	ND		ND	ND		ND	ND		ND	ND		<0.0186		<0.019		NS	NS
Aroclor 1260	ND	ND		ND	ND		ND	ND		ND	ND		<0.0186		<0.019		NS	NS
Total PCBs	ND	ND		ND	ND		ND	ND		ND	ND		ND		ND		0.1	1

Q is the Qualifier Column with definitions as follows:
ND=analyte not detected above MDL (method detection limit)
NS=this indicates that no regulatory limit has been established for this analyte
NA=this indicates the analyte was not a target for this sample
Grey shaded values represent concentration exceeding Unrestricted Use SCO

Table 1 (Cont.)

Soil Samples Analytical Results for Metals, Target Analyte

225-227 Boerum Street, Brooklyn, NY

Sample ID	SP-1	SP-1		SP-2	SP-2		SP-3	SP-3		SP-4	SP-4		SP-5		SP-5		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives (mg/kg)	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential (mg/kg)
Sample Depth	0'-2'	6'-8'		0'-2'	6'-8'		0'-2'	6'-8'		0'-2'	6'-8'		0'-2'		8'-10'			
Sampling Date	12/10/2007	12/10/2007		12/10/2007	12/10/2007		12/10/2007	12/10/2007		12/10/2007	12/10/2007		11/7/2013		11/7/2013			
Matrix	Soil	Soil		Soil	Soil		Soil	Soil		Soil	Soil		Soil		Soil			
Units	mg/kg	mg/kg		mg/kg	mg/kg		mg/kg	mg/kg		mg/kg	mg/kg		mg/kg		mg/kg			
Compounds	Results	Results	Q	Results	Results	Q	Results	Results	Q	Results	Results	Q	Results	Q	Results	Q		
Aluminum	ND	**12200**		**7790**	**9460**		ND	ND		**8160**	**9220**		**8600**		**11000**		NS	NS
Antimony	**1.75**	**0.88**		**1.34**	**1.38**		**1.01**	**1.15**		**1.71**	**2.38**		<0.548		<0.558		NS	NS
Arsenic	ND	ND		ND	ND		ND	ND		**0.408**	ND		**3.53**		**5.82**		13	16
Barium	**57.5**	**44.6**		**81**	**36.4**		**237**	**249**		**454**	**50.8**		**43**		**56.8**		350	350
Beryllium	**0.346**	**0.334**		**0.31**	**0.388**		**0.294**	**0.317**		**0.383**	**0.547**		<0.110		<0.112		7.2	14
Cadmium	**3**	**2.46**		**2.67**	**2.95**		**1.96**	**2.56**		**3.24**	**3.65**		**1.19**		**1.17**		2.5	2.5
Calcium	ND	ND		ND	ND		ND	ND		**22900**	ND		**567**		**3770**		NS	NS
Chromium*	**19.9**	**18.2**		**18.6**	**16.1**		**14.1**	**15.2**		**20.8**	**28**		**18**		**17.5**		NS	NS
Cobalt	**7.62**	**6.46**		**6.62**	**7.5**		**6.41**	**6.42**		**7.68**	**7.42**		**7.04**		**7.2**		NS	NS
Copper	**22.7**	**12.8**		**30.3**	**13.1**		**20.9**	**16.2**		**40.8**	**22.8**		**43.2**		**21**		50	270
Iron	**25200**	**21200**		**19800**	**25400**		**14100**	**19400**		**22200**	**31200**		**22400**		**20300**		NS	NS
Lead	**20.4**	**12.1**		**291**	**8.54**		**374**	**421**		ND	**13.5**		**211**		**43.4**		63	400
Magnesium	ND	ND		**4570**	ND		ND	ND		ND	ND		**1830**		**3570**		NS	NS
Manganese	**333**	**431**		**420**	**463**		**216**	**229**		**298**	**369**		**389**		**382**		1600	2000
Nickel	**12.4**	**11.3**		**11.8**	**13.1**		**22.8**	**10.5**		**14.1**	**12.1**		**11.9**		**15.7**		30	140
Potassium	**267**	**179**		**359**	**232**		**267**	**551**		**280**	**381**		**925**		**618**		NS	NS
Selenium	NA	NA		NA	NA		NA	NA		NA	NA		<1.10		<1.12		3.9	36
Silver	NA	NA		NA	NA		NA	NA		NA	NA		<0.548		<0.558		2	36
Sodium	**10.3**	**8.67**		**18**	**8.99**		**18.1**	**84.5**		**38.9**	**17.5**		**43.7**		**63.4**		NS	NS
Thallium	NA	NA		NA	NA		NA	NA		NA	NA		<1.10		<1.12		NS	NS
Vanadium	**32.8**	**26.2**		**28.4**	**26.1**		**19.7**	**25.3**		**31.8**	**39.5**		**28.3**		**28.9**		NS	NS
Zinc	**67.8**	**29**		**175**	**26.7**		**148**	**160**		**241**	**29.1**		**40**		**111**		109	2200
Mercury	NA	NA		NA	NA		NA	NA		NA	NA		**1.58**		**0.108**		0.18	0.81
Chromium, Trivalent	NA	NA		NA	NA		NA	NA		NA	NA		**16.4**		**15.6**		30	36
Chromium, Hexavalent	NA	NA		NA	NA		NA	NA		NA	NA		<0.384		<0.390		1	22

Q is the Qualifier Column with definitions as follows:

ND=analyte not detected above MDL (method detection limit)

NS=this indicates that no regulatory limit has been established for this analyte

NA=this indicates the analyte was not a target for this sample

Grey shaded values represent concentration exceeding Unrestricted Use SCO

Blue shaded values represent concentration exceeding Restricted Residnetial SCO

Table 2
Groundwater Samples Analytical Results for VOCs
225-227 Boerum Street, Brooklyn, NY

Sample ID Sampling Date Matrix Units	GP-1 12/10/2007 Water ug/L	GP-2 12/10/2007 Soil ug/L	NYSDEC TOGS 1.1.1 Ground water Quality Standards (ug/L)
Compounds	Results	Results	
1,1,1,2-Tetrachloroethane	ND	ND	5
1,1,1-Trichloroethane	ND	ND	5
1,1,2,2-Tetrachloroethane	ND	ND	5
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NA	NA	5
1,1,2-Trichloroethane	ND	ND	1
1,1-Dichloroethane	ND	ND	5
1,1-Dichloroethylene	ND	ND	NS
1,1-Dichloropropylene	ND	ND	5
1,2,3-Trichlorobenzene	ND	ND	5
1,2,3-Trichloropropane	ND	ND	0.04
1,2,4-Trichlorobenzene	ND	ND	5
1,2,4-Trimethylbenzene	ND	ND	5
1,2-Dibromo-3-chloropropane	ND	ND	0.04
1,2-Dibromoethane	ND	ND	0.0006
1,2-Dichlorobenzene	ND	ND	3
1,2-Dichloroethane	ND	ND	5
1,2-Dichloropropane	ND	ND	1
1,3,5-Trimethylbenzene	ND	ND	5
1,3-Dichlorobenzene	ND	ND	3
1,3-Dichloropropane	ND	ND	5
1,4-Dichlorobenzene	ND	ND	3
1,4-Dioxane	NA	NA	NS
2,2-Dichloropropane	ND	ND	5
2-Butanone	NA	NA	NS
2-Chlorotoluene	NA	NA	5
4-Chlorotoluene	NA	NA	5
Acetone	NA	NA	5
Benzene	ND	ND	1
Bromobenzene	ND	ND	5
Bromochloromethane	NA	NA	5
Bromodichloromethane	ND	ND	5
Bromoform	ND	ND	5
Bromomethane	ND	ND	NS
Carbon tetrachloride	ND	ND	5
Chlorobenzene	ND	ND	5
Chloroethane	ND	ND	5
Chloroform	ND	ND	7
Chloromethane	ND	ND	NS
cis-1,2-Dichloroethene	ND	ND	5
cis-1,3-Dichloropropene	NA	NA	0.4
Dibromochloromethane	ND	ND	5
Dibromomethane	ND	ND	5
Dichlorodifluoromethane	ND	ND	5
Ethyl Benzene	ND	ND	5
Hexachlorobutadiene	ND	ND	0.5
Isopropylbenzene	ND	ND	5
Methyl tert-butyl ether (MTBE)	ND	**4.1**	10
Methylene chloride	ND	ND	5
n-Butylbenzene	NA	NA	5
n-Propylbenzene	ND	ND	NS
Naphthalene	ND	ND	10
o-Xylene	ND	ND	5
p- & m- Xylenes	ND	ND	5
p-Isopropyltoluene	ND	ND	NS
sec-Butylbenzene	ND	ND	5
Styrene	NA	NA	5
tert-Butylbenzene	ND	ND	5
Tetrachloroethylene	ND	ND	NS
Trichloroethene	**10.7**	**2.4**	5
Toluene	ND	ND	5
trans-1,2-Dichloroethene	ND	ND	5
trans-1,3-Dichloropropene	NA	NA	0.4
Trichloroethylene	NA	NA	NS
Trichlorofluoromethane	NA	NA	5
Vinyl acetate	NA	NA	NS
Vinyl Chloride	ND	ND	2
Total VOCs	**10.7**	**6.5**	NS

ND=analyte not detected at or above the level indicated
NS=this indicates that no regulatory limit has been established for this analyte
Grey shaded cell represent a concentration exceeding the GQS

Table 2 (Cont.)
Groundwater Samples Analytical Results for SVOCs
225-227 Boerum Street, Brooklyn, NY

Sample ID Sampling Date Matrix Units	GP-1 12/10/2007 Water ug/L	GP-2 12/10/2007 Soil ug/L	NYSDEC TOGS 1.1.1 Ground water Quality Standards (ug/L)
Compounds	Results	Results	
1,2,4-Trichlorobenzene	NA	NA	NS
1,2-Dichlorobenzene	ND	ND	NS
1,3-Dichlorobenzene	ND	ND	NS
1,4-Dichlorobenzene	ND	ND	NS
2,4,5-Trichlorophenol	NA	NA	NS
2,4,6-Trichlorophenol	NA	NA	NS
2,4-Dichlorophenol	ND	ND	NS
2,4-Dimethylphenol	NA	NA	NS
2,4-Dinitrophenol	NA	NA	NS
2,4-Dinitrotoluene	ND	ND	5
2,6-Dinitrotoluene	ND	ND	5
2-Chloronaphthalene	NA	NA	10
2-Chlorophenol	NA	NA	NS
2-Methylnaphthalene	ND	ND	NS
2-Methylphenol	NA	NA	NS
2-Nitroaniline	ND	ND	5
2-Nitrophenol	NA	NA	NS
3,3'-Dichlorobenzidene	ND	ND	5
3- & 4-Methylphenols	NA	NA	NS
3-Nitroaniline	ND	ND	5
4,6-Dinitro-2-methylphenol	NA	NA	NS
4-Bromophenyl phenyl ether	ND	ND	0.04
4-Chloro-3-methylphenol	NA	NA	NS
4-Chloroaniline	ND	ND	5
4-Chlorophenol phenyl ether	NA	NA	NS
4-Nitroaniline	ND	ND	5
4-Nitrophenol	NA	NA	NS
Acenaphthene	ND	ND	20
Acenaphthylene	ND	ND	NS
Aniline	NA	NA	5
Anthracene	ND	ND	50
Benzo(a)anthracene	ND	ND	NS
Benzo(a)pyrene	ND	ND	NS
Benzo(b)fluoranthene	ND	ND	0.002
Benzo(g,h,i)perylene	ND	ND	NS
Benzo(k)fluoranthene	ND	ND	0.002
Benzyl alcohol	NA	NA	NS
Benzyl butyl phthalate	ND	ND	NS
Bis(2-chloroethoxy)methane	ND	ND	NS
Bis(2-chloroethyl)ether	ND	ND	NS
Bis(2-chloroisopropyl)ether	ND	ND	NS
Bis(2-ethylhexyl)phthalate	**10.1**	**10.8**	5
Chrysene	ND	ND	0.002
Di-n-butyl phthalate	**20.2**	**23.6**	NS
Di-n-octyl phthalate	ND	ND	50
Dibenzo(a,h)anthracene	ND	ND	NS
Dibenzofuran	NA	NA	NS
Diethyl phthalate	NA	NA	50
Dimethyl phthalate	NA	NA	5
Fluoranthene	ND	ND	50
Fluorene	ND	ND	50
Hexachlorobenzene	ND	ND	0.04
Hexachlorobutadiene	ND	ND	NS
Hexachlorocyclopentadiene	ND	ND	5
Hexachloroethane	ND	ND	5
Indeno(1,2,3-cd)pyrene	ND	ND	0.002
Isophorone	ND	ND	50
N-nitroso-di-n-propylamine	ND	ND	NS
N-Nitrosodimethylamine	NA	NA	NS
N-Nitrosodiphenylamine	ND	ND	50
Naphthalene	ND	ND	10
Nitrobenzene	ND	ND	0.4
Pentachlorophenol	NA	NA	NS
Phenanthrene	ND	ND	50
Phenol	NA	NA	NS
Pyrene	ND	ND	50
Pyridine	NA	NA	50
Total SVOCs	**30.3**	**34.4**	NS

ND=analyte not detected at or above the level indicated
NS=this indicates that no regulatory limit has been established for this analyte
Grey shaded cell represent a concentration exceeding the GQS

Table 2 (Cont.)
Groundwater Samples Analytical Results for Pesticides/PCBs
225-227 Boerum Street, Brooklyn, NY

Sample ID Sampling Date Matrix Units	GP-1 12/10/2007 Water ug/L	GP-2 12/10/2007 Soil ug/L	NYSDEC TOGS 1.1.1 Ground water Quality Standards (ug/L)
Compounds	Results	Results	
4,4'-DDD	ND	ND	0.3
4,4'-DDE	ND	ND	0.2
4,4'-DDT	ND	ND	0.2
Aldrin	ND	ND	NS
alpha-BHC	ND	ND	NS
alpha-Chlordane	ND	ND	NS
beta-BHC	ND	ND	NS
delta-BHC	ND	ND	NS
Dieldrin	ND	ND	0.004
Endosulfan I	ND	ND	NS
Endosulfan II	ND	ND	NS
Endosulfan sulfate	ND	ND	NS
Endrin	ND	ND	NS
Endrin aldehyde	ND	ND	5
Endrin ketone	ND	ND	5
gamma-BHC (Lindane)	ND	ND	NS
gamma-Chlordane	ND	ND	NS
Heptachlor	ND	ND	0.04
Heptachlor epoxide	ND	ND	0.03
Methoxychlor	ND	ND	35
Toxaphene	ND	ND	0.06
Aroclor 1016	ND	ND	0.09
Aroclor 1221	ND	ND	0.09
Aroclor 1232	ND	ND	0.09
Aroclor 1242	ND	ND	0.09
Aroclor 1248	ND	ND	0.09
Aroclor 1254	ND	ND	0.09
Aroclor 1260	ND	ND	0.09
Total PCBs	ND	ND	NS

ND=analyte not detected at or above the level indicated

NS=this indicates that no regulatory limit has been established for this analyte

Table 4
Groundwater Samples Analytical Results for Total Metals
225-227 Boerum Street, Brooklyn, NY

Sample ID Sampling Date Matrix Units	GP-1 12/10/2007 Water ug/L	GP-2 12/10/2007 Soil ug/L	NYSDEC TOGS 1.1.1 Ground water Quality Standards (ug/L)
Compounds	Results	Results	
Aluminum	25900	30500	NS
Antimony	ND	ND	3
Arsenic	ND	ND	25
Barium	1610	4010	1,000
Beryllium	10	4	3
Cadmium	10	8	5
Calcium	253000	271000	NS
Chromium	0.186	330	50
Cobalt	186	143	NS
Copper	261	300	200
Iron	52500	43300	NS
Lead	165	38	25
Magnesium	71300	42000	35,000
Manganese	53500	64300	300
Nickel	124	133	100
Potassium	19600	23700	NS
Sodium	147000	102000	2,000
Thallium	ND	ND	NS
Vanadium	ND	23	NS
Zinc	451	348	2,000

ND=analyte Not detected
U=analyte not detected at or above the level indicated
NA=analyte not tested
Grey shaded cell represent a concentration exceeding the GQS

Table 3
Soil Samples Analytical Results for VOCs
225-227 Boreum , Brooklyn, NY

Sample ID	SV-1		SV-2		SV-3		OA-1	
Sampling Date	11/8/2013		11/8/2013		11/8/2013		11/8/2013	
Matrix	Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor	
Units	ug/m3		ug/m3		ug/m3		ug/m3	
Compound	Result	Q	Results	Q	Results	Q	Results	Q
1,1,1-Trichloroethane	**16**	D	<17		<0.55		<0.55	
1,1,2,2-Tetrachloroethane	<20		<21		<0.7		<0.7	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	<22		<24		<0.78		**1.3**	
1,1,2-Trichloroethane	<16		<17		<0.55		<0.55	
1,1-Dichloroethane	<12		<13		<0.41		<0.41	
1,1-Dichloroethylene	<12		<12		<0.4		<0.4	
1,2,4-Trichlorobenzene	<22		<23		<0.75		<0.75	
1,2,4-Trimethylbenzene	**14**	D	<15		<0.5		**1.6**	
1,2-Dibromoethane	<23		<24		<0.78		<0.78	
1,2-Dichlorobenzene	<18		<19		<0.61		<0.61	
1,2-Dichloroethane	<12		<13		<0.41		<0.41	
1,2-Dichloropropane	<14		<14		<0.47		<0.47	
1,2-Dichlorotetrafluoroethane	<20		<22		<0.71		<0.71	
1,3,5-Trimethylbenzene	<14		<15		<0.5		**0.75**	
1,3 Butadiene	**100**	D	<13		<0.44		<0.44	
1,3-Dichlorobenzene	<18		<19		<0.61		<0.61	
1,4-Dichlorobenzene	<18		<19		<0.61		<0.61	
1,4-Dioxane	<11		<11		<0.37		<0.37	
2-Butanone	**48**	D	<9.1		<0.3		**3.3**	
2-Hexanone	<12		<13		<0.42		<0.42	
4-Methyl-2-pentanone	**61**	D	<13		<0.42		<0.42	
Acetone	**220**	D	**68**	D	**1.5**		**17**	
Benzene	**30**	D	**9.9**	D	**0.32**		**2.9**	
Benzyl chloride	<15		<16		<0.53		<0.53	
Bromodichloromethane	<18		<19		<0.63		<0.63	
Bromoform	<30		<32		<1.1		<1.1	
Bromomethane	<11		<12		<0.39		<0.39	
Carbon disulfide	**41**	D	**13**	D	<0.32		<0.32	
Carbon tetrachloride	<9.2		<9.7		**0.45**		**1.2**	
Chlorobenzene	<13		<14		<0.47		<0.47	
Chloroethane	<7.7		<8.2		<0.27		<0.27	
Chloroform	<14		<15		<0.5		**0.65**	
Chloromethane	<6		<6.4		<0.21		**1.6**	
cis-1,2-Dichloroethylene	<12		<12		<0.4		<0.4	
cis-1,3-Dichloropropylene	<13		<14		<0.46		<0.46	
Cyclohexane	**16**	D	<11		<0.35		**0.91**	
Dibromochloromethane	<24		<25		<0.82		<0.82	
Dichlorodifluoromethane	**17**	D	<15		<0.5		**4.1**	
Ethyl acetate	<11		<11		<0.37		<0.37	
Ethyl Benzene	**22**	D	<13		<0.44		**2.7**	
Hexachlorobutadiene	<31		<33		<1.1		<1.1	
Isopropanol	<7.2		<7.6		<0.25		<0.25	
Methyl Metrhacrylate	<12		<13		<0.42		<0.42	
Methyl tert-butyl ether (MTBE)	<11		<11		<0.37		<0.37	
Methylene chloride	**13**	D	<11		<0.35		**3.1**	
n-Heptane	**35**	D	<13		<0.42		**1.7**	
n-Hexane	**71**	D	<11		<0.36		**3.2**	
o-Xylene	**15**	D	<13		<0.44		**3.3**	
p- & m- Xylenes	**53**	D	<27		<0.88		**8.8**	
p-Isopropyltoluene	<72		<76		<2.5		<2.5	
Propylene	<5		<5.3		<0.18		**5.2**	
Styrene	<12		<13		<0.43		**0.52**	
Tetrachloroethylene	**54**	D	<21		<0.69		**3**	
Tetrahydrofuran	<8.6		<9.1		<0.3		**1.9**	
Toluene	**100**	D	**17**	D	**0.69**		**11**	
trans-1,2-Dichloroethylene	<12		<12		<0.4		<0.4	
trans-1,3-Dichloropropylene	<13		<14		<0.46		<0.46	
Trichloroethylene	<7.9		<8.3		<0.27		<0.27	
Trichlorofluoromethane	<16		<17		<0.57		**2.5**	
Vinyl acetate	<10		<11		<0.36		<0.36	
Vinyl Chloride	<7.5		<7.9		<0.26		<0.26	

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution

APPENDICES

APPENDIX-A

PREVIOUS ENVIRONMENTAL REPORTS REPORT (CD-ROM)

APPENDIX-B

SOIL BORING LOGS

Hydro Tech Environmental, Corp.

Main Office
2171 Jericho Turnpike, Suite 240
Commack, New York 11725
T (631) 462-5866 · F (631) 462-5877

NYC Office
1111 Fulton Street, 2nd Floor
Brooklyn, New York 11238
T (718) 636-0800 · F (718) 636-0900

www.hydrotechenvironmental.com

Soil Probe Log

Job No:

Date: 12/10/2007

Page: 1 of 1

Location: 225-227 Boerum Street, Brooklyn, NY

Sampling Interval: 2ft

Sampling Method: Macro Core

Boring No.: SP-1

Driller: Carlos

Drilling Method: Direct Push

Depth to Water: 23ft

Total Depth: 8ft

USCS SYMBOLS

GW - Well Graded Gravel	SW - Well Graded Sand	ML - Inorganic Silt / Sandy Silt	CH - Inorganic Clay, High Plastic
GP - Poorly Graded Gravel	SP - Poorly Graded Sand	CL - Inorganic Clays/Sandy Clay	OH - Organic Silt / Clay
GM - Silty Gravel	SM - Silty Sand	OL - Inorganic Silts/Organic Silty Clay	PT - Peat/High Organics
GC - Clayey Gravel	SC - Clayey Sand	MH- Elastic Silts	

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
0	0	sw	Grey / Brown fine sand with fill material
-2	0	sw	Brown fine sand
-4	0	sw	Brown fine sand
-6	0	sw	Brown fine sand
-8			

Hydro Tech Environmental, Corp.

Main Office
2171 Jericho Turnpike, Suite 240
Commack, New York 11725
T (631) 462-5866 · F (631) 462-5877

NYC Office
1111 Fulton Street, 2nd Floor
Brooklyn, New York 11238
T (718) 636-0800 · F (718) 636-0900

www.hydrotechenvironmental.com

Soil Probe Log

Job No:

Date: 12/10/2007

Page: 1 of 1

Location: 225-227 Boerum Street, Brooklyn, NY

Sampling Interval: 2ft

Sampling Method: Macro Core

Boring No.: SP-2

Driller: Carlos

Drilling Method: Direct Push

Depth to Water: 23ft

Total Depth: 8ft

USCS SYMBOLS

GW - Well Graded Gravel	SW - Well Graded Sand	ML - Inorganic Silt / Sandy Silt	CH - Inorganic Clay, High Plastic
GP - Poorly Graded Gravel	SP - Poorly Graded Sand	CL - Inorganic Clays/Sandy Clay	OH - Organic Silt / Clay
GM - Silty Gravel	SM - Silty Sand	OL - Inorganic Silts/Organic Silty Clay	PT - Peat/High Organics
GC - Clayey Gravel	SC - Clayey Sand	MH- Elastic Silts	

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
0	0	sw	Grey / Brown fine sand with fill material
-2	0	sw	Brown fine sand
-4	0	sw	Brown fine sand
-6	0	sw	Brown fine sand
-8			

Hydro Tech Environmental, Corp.

Main Office
2171 Jericho Turnpike, Suite 240
Commack, New York 11725
T (631) 462-5866 · F (631) 462-5877

NYC Office
1111 Fulton Street, 2nd Floor
Brooklyn, New York 11238
T (718) 636-0800 · F (718) 636-0900

www.hydrotechenvironmental.com

Soil Probe Log

Job No:

Date: 12/10/2007

Page: 1 of 1

Location: 225-227 Boerum Street, Brooklyn, NY

Sampling Interval: 2ft

Sampling Method: Macro Core

Boring No.: SP-3

Driller: Carlos

Drilling Method: Direct Push

Depth to Water: 23ft

Total Depth: 8ft

USCS SYMBOLS

GW - Well Graded Gravel	SW - Well Graded Sand	ML - Inorganic Silt / Sandy Silt	CH - Inorganic Clay, High Plastic
GP - Poorly Graded Gravel	SP - Poorly Graded Sand	CL - Inorganic Clays/Sandy Clay	OH - Organic Silt / Clay
GM - Silty Gravel	SM - Silty Sand	OL - Inorganic Silts/Organic Silty Clay	PT - Peat/High Organics
GC - Clayey Gravel	SC - Clayey Sand	MH- Elastic Silts	

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
0	0	sw	Grey / Brown fine sand with fill material
-2	0	sw	Brown fine sand with fill material
-4	0	sw	Brown fine sand
-6	0	sw	Brown fine sand
-8			

Hydro Tech Environmental, Corp.

Main Office
2171 Jericho Turnpike, Suite 240
Commack, New York 11725
T (631) 462-5866 · F (631) 462-5877

NYC Office
1111 Fulton Street, 2nd Floor
Brooklyn, New York 11238
T (718) 636-0800 · F (718) 636-0900

www.hydrotechenvironmental.com

Soil Probe Log

Job No:

Date: 12/10/2007

Page: 1 of 1

Location: 225-227 Boerum Street, Brooklyn, NY

Sampling Interval: 2ft

Sampling Method: Macro Core

Boring No.: SP-4

Driller: Carlos

Drilling Method: Direct Push

Depth to Water: 23ft

Total Depth: 8ft

USCS SYMBOLS

GW - Well Graded Gravel	SW - Well Graded Sand	ML - Inorganic Silt / Sandy Silt	CH - Inorganic Clay, High Plastic
GP - Poorly Graded Gravel	SP - Poorly Graded Sand	CL - Inorganic Clays/Sandy Clay	OH - Organic Silt / Clay
GM - Silty Gravel	SM - Silty Sand	OL - Inorganic Silts/Organic Silty Clay	PT - Peat/High Organics
GC - Clayey Gravel	SC - Clayey Sand	MH- Elastic Silts	

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
0	0	sw	Grey / Brown fine sand with fill material
-2	0	sw	Brown fine sand with fill material
-4	0	sw	Brown fine sand with fill material
-6	0	sw	Brown fine sand with fill material
-8			

Hydro Tech Environmental, Corp.

Main Office
2171 Jericho Turnpike, Suite 240
Commack, New York 11725
T (631) 462-5866 · F (631) 462-5877

NYC Office
1111 Fulton Street, 2nd Floor
Brooklyn, New York 11238
T (718) 636-0800 · F (718) 636-0900

www.hydrotechenvironmental.com

Soil Probe Log

Job No: 130293 Date: 11/07/2013 Page: 1 of 1

Location: 225-227 Boerum Street, Brooklyn, NY
Sampling Interval: 2 Feet
Sampling Method: Grab
Boring No.: SP-5
Driller: Sylvester
Drilling Method: Direct Push
Depth to Water: N/A
Total Depth: 10 Feet

USCS SYMBOLS

GW - Well Graded Gravel | SW - Well Graded Sand | ML - Inorganic Silt / Sandy Silt | CH - Inorganic Clay, High Plastic
GP - Poorly Graded Gravel | SP - Poorly Graded Sand | CL - Inorganic Clays/Sandy Clay | OH - Organic Silt / Clay
GM - Silty Gravel | SM - Silty Sand | OL - Inorganic Silts/Organic Silty Clay | PT - Peat/High Organics
GC - Clayey Gravel | SC - Clayey Sand | MH- Elastic Silts

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
0	0.1	SP	Brown medium grained sand with pebbles and fill material. No odor
-2	0.1	SP	Brown medium grained sand with pebbles. No odor
-4	0.1	SP	Dark brown fine grained sand with pebbles. No odor
-6	0.1	SP	Dark brown fine grained sand with pebbles. No odor
-8	0.1	SP	Light brown coarse grained sand with pebbles. No odor
-10			

APPENDIX-C

SOIL VAPOR SAMPLING LOG

YORK
ANALYTICAL LABORATORIES, INC.
120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record - AIR

Page ____ of ____

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. 13K0403

YOUR Information
Company: Hydro tech
Address: 15 Oleen Ave
Brooklyn NY
Phone No. 718-638-0800
Contact Person: Paul Mathy
E-Mail Address: PMathy@hteenv.com

Report To:
Company: S
Address: A
Phone No. M
Attention: E
E-Mail Address:

Invoice To:
Company: S
Address: A
Phone No. M
Attention: E
E-Mail Address:

YOUR Project ID
225-227 Bocum St
Brooklyn, NY

Purchase Order No.

Samples from: CT ___ NY ✓ NJ ___

Turn-Around Time
- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard ~~(5-7 Days)~~ 4 day ☐

Report Type/Deliverables
- Summary Report ____
- Summary w/ QA Summary ____
- CT RCP Package ____
- NY ASP A Package ____
- NY ASP B/CLP Pkg ____
- NJDEP Reduced ____

Electronic Deliverables:
- EDD (Specify Type) ____
- Standard Excel ____
- Regulatory Comparison Excel ____

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Carla Quinones
Name (printed)

Air Matrix Codes
- AI - INDOOR Ambient Air
- AO- OUTDOOR Amb. Air
- AE- Vapor Extraction Well/ Process Gas/Effluent
- AS- SOIL Vapor/Sub-Slab

TO15 Volatiles and Other Gas Analyses
- EPA TO-15 List
- EPA TO-14A List
- NYSDEC VI list
- Tentatively Identified Compounds
- NYSDEC STARS List
- Air VPH
- **Project Specific List by TO-15**
- Helium
- NJDEP Target List
- Methane
- CTDEP RCP Target List
- OTHER ____

Detection Limits Required
- ≤ 1 ug/m³ ____
- NYSDEC VI Limits ____ (VI = vapor intrusion)
- NJDEP low level ____
- Routine Survey ____
- Other ____

Special Instructions

Sample Identification	Date Sampled	AIR Matrix	Canister Vacuum Before Sampling (in. Hg)	Canister Vacuum Afer Sampling (in. Hg)	Choose Analyses Needed from the Menu Above and Enter Below	Sampling Media
SV-1/402	11/8/13	AS	-30	15	TO + 15	6 Liter Summa canister ✓ Tedlar Bag ____
SV-2/450	↓	AS	-26	21	↓	6 Liter Summa canister ✓ Tedlar Bag ____
SV-3/511		AS	-30	22		6 Liter Summa canister ✓ Tedlar Bag ____
OA-1/456		AO	-30	13		6 Liter Summa canister ✓ Tedlar Bag ____
						6 Liter Summa canister ____ Tedlar Bag ____
						6 Liter Summa canister ____ Tedlar Bag ____
						6 Liter Summa canister ____ Tedlar Bag ____
						6 Liter Summa canister ____ Tedlar Bag ____
						6 Liter Summa canister ____ Tedlar Bag ____
						6 Liter Summa canister ____ Tedlar Bag ____

Comments

Samples Relinquished By: [signature] Date/Time: 11/12/13 1:30 pm

Samples Relinquished By: ____ Date/Time: ____

Samples Received By: K Barker Date/Time: 11/12/13 1:30 PM

Samples Received in LAB by: Grace 11-12-13 Date/Time: 1800

Table of Contents

APPENDIX-D

LABORATORY DATA DELIVERABLES FOR SOIL ANALYTICAL DATA

SOUTH MALL ANALYTICAL LABS, INC.™

26 NORTH MALL • PLAINVIEW, NY 11803
(516) 293-2191 • FAX (516) 293-3152
E-Mail: Info@SouthMallLabs.com
Website: www.SouthMallLabs.com

December 19, 2007

Analytical Results

Hydro Tech Environmental
2171 Jericho Turnpike Suite 345
Commack, NY 11725

Att: Xuan Xu

Sample Description: Water - 225-227 Boeum Street, DRAFT: GP-1 - 12/10/07 08:00
Sample Collected By: Hydro Tech Environmental
Purchase Order: 2554
Date Samples Received: 12/11/07 08:30
Lab ID Number: 0712079-01 Sample

Analyte	Results	Qual	Units	RL	Analyzed	By	Method
Aluminum	**25.9**		mg/L	1.21	12/17/07 17:39	MEM	SW 6010B
Antimony	<0.009		mg/L	0.009	12/17/07 16:24	MEM	SW 6010B
Arsenic	<0.005		mg/L	0.005	12/17/07 16:24	MEM	SW 6010B
Barium	**1.61**		mg/L	0.001	12/17/07 16:24	MEM	SW 6010B
Beryllium	**0.010**		mg/L	0.001	12/17/07 16:24	MEM	SW 6010B
Cadmium	**0.010**		mg/L	0.001	12/17/07 16:24	MEM	SW 6010B
Calcium	**253**		mg/L	3.00	12/17/07 17:39	MEM	SW 6010B
Chromium	**0.318**		mg/L	0.002	12/17/07 16:24	MEM	SW 6010B
Cobalt	**0.186**		mg/L	0.001	12/17/07 16:24	MEM	SW 6010B
Copper	**0.261**		mg/L	0.004	12/17/07 16:24	MEM	SW 6010B
Iron	**52.5**	QB-01, B	mg/L	0.400	12/17/07 17:39	MEM	SW 6010B
Lead	**0.165**		mg/L	0.015	12/17/07 16:24	MEM	SW 6010B
Magnesium	**71.3**		mg/L	0.700	12/17/07 17:39	MEM	EPA 6010B
Manganese	**53.5**		mg/L	0.100	12/17/07 17:39	MEM	SW 6010B
Nickel	**0.124**		mg/L	0.002	12/17/07 16:24	MEM	SW 6010B
Potassium	**19.6**	QB-01, B	mg/L	1.00	12/17/07 17:39	MEM	SW 6010B
Selenium	<0.010		mg/L	0.010	12/17/07 16:24	MEM	SW 6010B
Silver	<0.025		mg/L	0.025	12/17/07 16:24	MEM	SW 6010B
Sodium	**147**		mg/L	1.00	12/17/07 17:39	MEM	SW 6010B
Thallium	<0.005		mg/L	0.005	12/17/07 16:24	MEM	SW 6010B
Vanadium	**0.205**		mg/L	0.002	12/17/07 16:24	MEM	SW 6010B
Zinc	**0.451**	QB-01, B	mg/L	0.002	12/17/07 16:24	MEM	SW 6010B
Benzene	<1.00		ug/L	1.00	12/12/07 15:53	AR	SW 8260B
Bromobenzene	<2.00		ug/L	2.00	12/12/07 15:53	AR	SW 8260B
Bromochloromethane	<1.00		ug/L	1.00	12/12/07 15:53	AR	SW 8260B

SOUTH MALL ANALYTICAL LABS, INC.™

Lab ID Number: 0712079-01

Analyte	Results	Qual	Units	RL	Analyzed	By	Method
Bromodichloromethane	<5.00		ug/L	5.00	12/12/07 15:53	AR	SW 8260B
Bromoform	<1.00		ug/L	1.00	12/12/07 15:53	AR	SW 8260B
Bromomethane	<2.00		ug/L	2.00	12/12/07 15:53	AR	SW 8260B
n-Butylbenzene	<1.00		ug/L	1.00	12/12/07 15:53	AR	SW 8260B
sec-Butylbenzene	<1.00		ug/L	1.00	12/12/07 15:53	AR	SW 8260B
tert-Butylbenzene	<1.00		ug/L	1.00	12/12/07 15:53	AR	SW 8260B
Carbon Tetrachloride	<2.00		ug/L	2.00	12/12/07 15:53	AR	SW 8260B
Chlorobenzene	<1.00		ug/L	1.00	12/12/07 15:53	AR	SW 8260B
Chloroethane	<2.00		ug/L	2.00	12/12/07 15:53	AR	SW 8260B
Chloroform	<1.00		ug/L	1.00	12/12/07 15:53	AR	SW 8260B
Chloromethane	<2.00		ug/L	2.00	12/12/07 15:53	AR	SW 8260B
2-Chlorotoluene	<2.00		ug/L	2.00	12/12/07 15:53	AR	SW 8260B
4-Chlorotoluene	<2.00		ug/L	2.00	12/12/07 15:53	AR	SW 8260B
Dibromochloromethane	<5.00		ug/L	5.00	12/12/07 15:53	AR	SW 8260B
1,2-Dibromo-3-chloropropane	<2.00		ug/L	2.00	12/12/07 15:53	AR	SW 8260B
1,2-Dibromoethane	<2.00		ug/L	2.00	12/12/07 15:53	AR	SW 8260B
Dibromomethane	<1.00		ug/L	1.00	12/12/07 15:53	AR	SW 8260B
1,2-Dichlorobenzene	<1.00		ug/L	1.00	12/12/07 15:53	AR	SW 8260B
1,3-Dichlorobenzene	<2.00		ug/L	2.00	12/12/07 15:53	AR	SW 8260B
1,4-Dichlorobenzene	<1.00		ug/L	1.00	12/12/07 15:53	AR	SW 8260B
Dichlorodifluoromethane	<1.00		ug/L	1.00	12/12/07 15:53	AR	SW 8260B
1,1-Dichloroethane	<2.00		ug/L	2.00	12/12/07 15:53	AR	SW 8260B
1,2-Dichloroethane	<1.00		ug/L	1.00	12/12/07 15:53	AR	SW 8260B
1,1-Dichloroethene	<1.00		ug/L	1.00	12/12/07 15:53	AR	SW 8260B
cis-1,2-Dichloroethene	<1.00		ug/L	1.00	12/12/07 15:53	AR	SW 8260B
trans-1,2-Dichloroethene	<1.00		ug/L	1.00	12/12/07 15:53	AR	SW 8260B
1,2-Dichloropropane	<2.00		ug/L	2.00	12/12/07 15:53	AR	SW 8260B
1,3-Dichloropropane	<1.00		ug/L	1.00	12/12/07 15:53	AR	SW 8260B
2,2-Dichloropropane	<2.00		ug/L	2.00	12/12/07 15:53	AR	SW 8260B
1,1-Dichloropropene	<2.00		ug/L	2.00	12/12/07 15:53	AR	SW 8260B
cis-1,3-Dichloropropene	<1.00		ug/L	1.00	12/12/07 15:53	AR	SW 8260B
trans-1,3-Dichloropropene	<1.00		ug/L	1.00	12/12/07 15:53	AR	SW 8260B
Ethylbenzene	<2.00		ug/L	2.00	12/12/07 15:53	AR	SW 8260B
Hexachlorobutadiene	<1.00		ug/L	1.00	12/12/07 15:53	AR	SW 8260B
Isopropylbenzene	<2.00		ug/L	2.00	12/12/07 15:53	AR	SW 8260B
4-Isopropyltoluene	<1.00		ug/L	1.00	12/12/07 15:53	AR	SW 8260B
Methyl-tert-Butyl Ether	<1.00		ug/L	1.00	12/12/07 15:53	AR	SW 8260B
Methylene Chloride	<10.0		ug/L	10.0	12/12/07 15:53	AR	SW 8260B
Naphthalene	<5.00		ug/L	5.00	12/12/07 15:53	AR	SW 8260B

SOUTH MALL ANALYTICAL LABS, INC.™

Lab ID Number: 0712079-01

Analyte	Results	Qual	Units	RL	Analyzed	By	Method
n-Propylbenzene	<2.00		ug/L	2.00	12/12/07 15:53	AR	SW 8260B
Styrene	<1.00		ug/L	1.00	12/12/07 15:53	AR	SW 8260B
1,1,1,2-Tetrachloroethane	<1.00		ug/L	1.00	12/12/07 15:53	AR	SW 8260B
1,1,2,2-Tetrachloroethane	<2.00		ug/L	2.00	12/12/07 15:53	AR	SW 8260B
Tetrachloroethene	<1.00		ug/L	1.00	12/12/07 15:53	AR	SW 8260B
Toluene	<1.00		ug/L	1.00	12/12/07 15:53	AR	SW 8260B
1,2,3-Trichlorobenzene	<2.00		ug/L	2.00	12/12/07 15:53	AR	SW 8260B
1,2,4-Trichlorobenzene	<1.00		ug/L	1.00	12/12/07 15:53	AR	SW 8260B
1,1,1-Trichloroethane	<1.00		ug/L	1.00	12/12/07 15:53	AR	SW 8260B
1,1,2-Trichloroethane	<2.00		ug/L	2.00	12/12/07 15:53	AR	SW 8260B
Trichloroethene	**10.7**		ug/L	1.00	12/12/07 15:53	AR	SW 8260B
Trichlorofluoromethane	<1.00		ug/L	1.00	12/12/07 15:53	AR	SW 8260B
1,2,3-Trichloropropane	<5.00		ug/L	5.00	12/12/07 15:53	AR	SW 8260B
1,2,4-Trimethylbenzene	<1.00		ug/L	1.00	12/12/07 15:53	AR	SW 8260B
1,3,5-Trimethylbenzene	<1.00		ug/L	1.00	12/12/07 15:53	AR	SW 8260B
Vinyl chloride	<5.00		ug/L	5.00	12/12/07 15:53	AR	SW 8260B
m,p-Xylenes	<2.00		ug/L	2.00	12/12/07 15:53	AR	SW 8260B
o-Xylene	<1.00		ug/L	1.00	12/12/07 15:53	AR	SW 8260B
Extracted 12/14/07 by Separatory Funnel Extraction for SW 8270C.							
Acenaphthene	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
Acenaphthylene	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
Anthracene	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
Benzo (a) anthracene	<2.00		ug/L	2.00	12/19/07 10:03	AR	SW 8270C
Benzo (a) pyrene	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
Benzo (b) fluoranthene	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
Benzo (g,h,i) perylene	<10.0		ug/L	10.0	12/19/07 10:03	AR	SW 8270C
Benzo (k) fluoranthene	<10.0		ug/L	10.0	12/19/07 10:03	AR	SW 8270C
4-Bromophenyl phenyl ether	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
Butyl benzyl phthalate	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
4-Chloroaniline	<10.0		ug/L	10.0	12/19/07 10:03	AR	SW 8270C
Bis(2-chloroethoxy)methane	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
Bis(2-chloroethyl)ether	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
Bis(2-chloroisopropyl)ether	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
2-Chloronaphthalene	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
4-Chlorophenyl phenyl ether	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
Chrysene	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
Dibenz (a,h) anthracene	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
Dibenzofuran	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C

SOUTH MALL ANALYTICAL LABS, INC.™

Lab ID Number: **0712079-01**

Analyte	Results	Qual	Units	RL	Analyzed	By	Method
Di-n-butyl phthalate	**20.2**	B	ug/L	5.00	12/19/07 10:03	AR	SW 8270C
1,2-Dichlorobenzene	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
1,4-Dichlorobenzene	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
1,3-Dichlorobenzene	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
3,3´-Dichlorobenzidine	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
Diethyl phthalate	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
Dimethyl phthalate	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
2,4-Dinitrotoluene	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
2,6-Dinitrotoluene	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
Di-n-octyl phthalate	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
Bis(2-ethylhexyl)phthalate	**10.1**		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
Fluoranthene	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
Fluorene	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
Hexachlorobenzene	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
Hexachlorobutadiene	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
Hexachlorocyclopentadiene	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
Hexachloroethane	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
Indeno (1,2,3-cd) pyrene	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
Isophorone	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
2-Methylnaphthalene	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
Naphthalene	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
3-Nitroaniline	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
2-Nitroaniline	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
4-Nitroaniline	<10.0		ug/L	10.0	12/19/07 10:03	AR	SW 8270C
Nitrobenzene	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
N-Nitrosodiphenylamine	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
N-Nitrosodi-n-propylamine	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
Phenanthrene	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
Pyrene	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
1,2,4-Trichlorobenzene	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C

SOUTH MALL ANALYTICAL LABS, INC.™

Lab ID Number: 0712079-01

Analyte	Results	Qual	Units	RL	Analyzed	By	Method
Extracted 12/14/07 by Separatory Funnel Extraction for SW 8081.							
alpha-BHC	<0.01		ug/L	0.01	12/18/07 15:23	AR	SW 8081
alpha-Chlordane	<0.01		ug/L	0.01	12/18/07 15:23	AR	SW 8081
beta-BHC	<0.01		ug/L	0.01	12/18/07 15:23	AR	SW 8081
Aldrin	<0.01		ug/L	0.01	12/18/07 15:23	AR	SW 8081
gamma-BHC (Lindane)	<0.01		ug/L	0.01	12/18/07 15:23	AR	SW 8081
gamma-Chlordane	<0.01		ug/L	0.01	12/18/07 15:23	AR	SW 8081
Heptachlor	<0.01		ug/L	0.01	12/18/07 15:23	AR	SW 8081
Heptachlor epoxide	<0.01		ug/L	0.01	12/18/07 15:23	AR	SW 8081
delta-BHC	<0.01		ug/L	0.01	12/18/07 15:23	AR	SW 8081
Endosulfan I	<0.05		ug/L	0.05	12/18/07 15:23	AR	SW 8081
Endosulfan II	<0.05		ug/L	0.05	12/18/07 15:23	AR	SW 8081
Endosulfan sulfate	<0.05		ug/L	0.05	12/18/07 15:23	AR	SW 8081
Endrin	<0.05		ug/L	0.05	12/18/07 15:23	AR	SW 8081
Endrin aldehyde	<0.05		ug/L	0.05	12/18/07 15:23	AR	SW 8081
Endrin ketone	<0.05		ug/L	0.05	12/18/07 15:23	AR	SW 8081
4,4´-DDD	<0.05		ug/L	0.05	12/18/07 15:23	AR	SW 8081
4,4´-DDE	<0.05		ug/L	0.05	12/18/07 15:23	AR	SW 8081
4,4´-DDT	<0.05		ug/L	0.05	12/18/07 15:23	AR	SW 8081
Methoxychlor	<0.10		ug/L	0.10	12/18/07 15:23	AR	SW 8081
Dieldrin	<0.05		ug/L	0.05	12/18/07 15:23	AR	SW 8081
Chlordane (technical)	<0.10		ug/L	0.10	12/18/07 15:23	AR	SW 8081
Toxaphene	<0.10		ug/L	0.10	12/18/07 15:23	AR	SW 8081
Extracted 12/14/07 by Separatory Funnel Extraction for SW 8082.							
Aroclor 1016	<0.400		ug/L	0.400	12/18/07 15:17	AR	SW 8082
Aroclor 1221	<0.400		ug/L	0.400	12/18/07 15:17	AR	SW 8082
Aroclor 1232	<0.400		ug/L	0.400	12/18/07 15:17	AR	SW 8082
Aroclor 1242	<0.400		ug/L	0.400	12/18/07 15:17	AR	SW 8082
Aroclor 1248	<0.400		ug/L	0.400	12/18/07 15:17	AR	SW 8082
Aroclor 1254	<0.400		ug/L	0.400	12/18/07 15:17	AR	SW 8082
Aroclor 1260	<0.400		ug/L	0.400	12/18/07 15:17	AR	SW 8082

References & Qualifiers

EPA - 40 Code of Federal Regulations, Part 136, October 26, 1984.

SW - SW 846 3rd Edition.

SM - Standard Methods for the Examination of Water and Wastewater, 18th edition.

LT - Lachat Method Manual, "*Methods List for Automated Ion Analyzers*" ,February 2004

QM-07 - The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

QB-01 - The method blank contains analyte at a concentration above the MRL; however, concentration is less than 10% of the sample result, which is negligible according to method criteria.

B - Analyte is found in the associated blank as well as in the sample.

SOUTH MALL ANALYTICAL LABS, INC.™

26 NORTH MALL • PLAINVIEW, NY 11803
(516) 293-2191 • FAX (516) 293-3152
E-Mail: Info@SouthMallLabs.com
Website: www.SouthMallLabs.com

December 19, 2007

Analytical Results

Hydro Tech Environmental
2171 Jericho Turnpike Suite 345
Commack, NY 11725

Att: Xuan Xu

Sample Description: Water - 225-227 Boeum Street, DRAFT: GP-2 - 12/10/07 08:00
Sample Collected By: Hydro Tech Environmental
Purchase Order: 2554
Date Samples Received: 12/11/07 08:30
Lab ID Number: 0712079-02 Sample

Analyte	Results	Qual	Units	RL	Analyzed	By	Method
Aluminum	**30.5**		mg/L	1.21	12/17/07 17:43	MEM	SW 6010B
Antimony	<0.009		mg/L	0.009	12/17/07 16:27	MEM	SW 6010B
Arsenic	<0.005		mg/L	0.005	12/17/07 16:27	MEM	SW 6010B
Barium	**4.01**		mg/L	0.001	12/17/07 16:27	MEM	SW 6010B
Beryllium	**0.004**		mg/L	0.001	12/17/07 16:27	MEM	SW 6010B
Cadmium	**0.008**		mg/L	0.001	12/17/07 16:27	MEM	SW 6010B
Calcium	**271**		mg/L	3.00	12/17/07 17:43	MEM	SW 6010B
Chromium	**0.330**		mg/L	0.002	12/17/07 16:27	MEM	SW 6010B
Cobalt	**0.143**		mg/L	0.001	12/17/07 16:27	MEM	SW 6010B
Copper	**0.300**		mg/L	0.004	12/17/07 16:27	MEM	SW 6010B
Iron	**43.3**	QB-01, B	mg/L	0.400	12/17/07 17:43	MEM	SW 6010B
Lead	**0.038**		mg/L	0.015	12/17/07 16:27	MEM	SW 6010B
Magnesium	**42.0**		mg/L	0.700	12/17/07 17:43	MEM	EPA 6010B
Manganese	**64.3**		mg/L	0.100	12/17/07 17:43	MEM	SW 6010B
Nickel	**0.133**		mg/L	0.002	12/17/07 16:27	MEM	SW 6010B
Potassium	**23.7**	QB-01, B	mg/L	1.00	12/17/07 17:43	MEM	SW 6010B
Selenium	<0.010		mg/L	0.010	12/17/07 16:27	MEM	SW 6010B
Silver	<0.025		mg/L	0.025	12/17/07 16:27	MEM	SW 6010B
Sodium	**102**		mg/L	1.00	12/17/07 17:43	MEM	SW 6010B
Thallium	<0.005		mg/L	0.005	12/17/07 16:27	MEM	SW 6010B
Vanadium	**0.023**		mg/L	0.002	12/17/07 16:27	MEM	SW 6010B
Zinc	**0.348**	QB-01, B	mg/L	0.002	12/17/07 16:27	MEM	SW 6010B
Benzene	<1.00		ug/L	1.00	12/12/07 16:33	AR	SW 8260B
Bromobenzene	<2.00		ug/L	2.00	12/12/07 16:33	AR	SW 8260B
Bromochloromethane	<1.00		ug/L	1.00	12/12/07 16:33	AR	SW 8260B

SOUTH MALL ANALYTICAL LABS, INC.™

Lab ID Number: **0712079-02**

Analyte	Results	Qual	Units	RL	Analyzed	By	Method
Bromodichloromethane	<5.00		ug/L	5.00	12/12/07 16:33	AR	SW 8260B
Bromoform	<1.00		ug/L	1.00	12/12/07 16:33	AR	SW 8260B
Bromomethane	<2.00		ug/L	2.00	12/12/07 16:33	AR	SW 8260B
n-Butylbenzene	<1.00		ug/L	1.00	12/12/07 16:33	AR	SW 8260B
sec-Butylbenzene	<1.00		ug/L	1.00	12/12/07 16:33	AR	SW 8260B
tert-Butylbenzene	<1.00		ug/L	1.00	12/12/07 16:33	AR	SW 8260B
Carbon Tetrachloride	<2.00		ug/L	2.00	12/12/07 16:33	AR	SW 8260B
Chlorobenzene	<1.00		ug/L	1.00	12/12/07 16:33	AR	SW 8260B
Chloroethane	<2.00		ug/L	2.00	12/12/07 16:33	AR	SW 8260B
Chloroform	<1.00		ug/L	1.00	12/12/07 16:33	AR	SW 8260B
Chloromethane	<2.00		ug/L	2.00	12/12/07 16:33	AR	SW 8260B
2-Chlorotoluene	<2.00		ug/L	2.00	12/12/07 16:33	AR	SW 8260B
4-Chlorotoluene	<2.00		ug/L	2.00	12/12/07 16:33	AR	SW 8260B
Dibromochloromethane	<5.00		ug/L	5.00	12/12/07 16:33	AR	SW 8260B
1,2-Dibromo-3-chloropropane	<2.00		ug/L	2.00	12/12/07 16:33	AR	SW 8260B
1,2-Dibromoethane	<2.00		ug/L	2.00	12/12/07 16:33	AR	SW 8260B
Dibromomethane	<1.00		ug/L	1.00	12/12/07 16:33	AR	SW 8260B
1,2-Dichlorobenzene	<1.00		ug/L	1.00	12/12/07 16:33	AR	SW 8260B
1,3-Dichlorobenzene	<2.00		ug/L	2.00	12/12/07 16:33	AR	SW 8260B
1,4-Dichlorobenzene	<1.00		ug/L	1.00	12/12/07 16:33	AR	SW 8260B
Dichlorodifluoromethane	<1.00		ug/L	1.00	12/12/07 16:33	AR	SW 8260B
1,1-Dichloroethane	<2.00		ug/L	2.00	12/12/07 16:33	AR	SW 8260B
1,2-Dichloroethane	<1.00		ug/L	1.00	12/12/07 16:33	AR	SW 8260B
1,1-Dichloroethene	<1.00		ug/L	1.00	12/12/07 16:33	AR	SW 8260B
cis-1,2-Dichloroethene	<1.00		ug/L	1.00	12/12/07 16:33	AR	SW 8260B
trans-1,2-Dichloroethene	<1.00		ug/L	1.00	12/12/07 16:33	AR	SW 8260B
1,2-Dichloropropane	<2.00		ug/L	2.00	12/12/07 16:33	AR	SW 8260B
1,3-Dichloropropane	<1.00		ug/L	1.00	12/12/07 16:33	AR	SW 8260B
2,2-Dichloropropane	<2.00		ug/L	2.00	12/12/07 16:33	AR	SW 8260B
1,1-Dichloropropene	<2.00		ug/L	2.00	12/12/07 16:33	AR	SW 8260B
cis-1,3-Dichloropropene	<1.00		ug/L	1.00	12/12/07 16:33	AR	SW 8260B
trans-1,3-Dichloropropene	<1.00		ug/L	1.00	12/12/07 16:33	AR	SW 8260B
Ethylbenzene	<2.00		ug/L	2.00	12/12/07 16:33	AR	SW 8260B
Hexachlorobutadiene	<1.00		ug/L	1.00	12/12/07 16:33	AR	SW 8260B
Isopropylbenzene	<2.00		ug/L	2.00	12/12/07 16:33	AR	SW 8260B
4-Isopropyltoluene	<1.00		ug/L	1.00	12/12/07 16:33	AR	SW 8260B
Methyl-tert-Butyl Ether	**4.05**		ug/L	1.00	12/12/07 16:33	AR	SW 8260B
Methylene Chloride	<10.0		ug/L	10.0	12/12/07 16:33	AR	SW 8260B
Naphthalene	<5.00		ug/L	5.00	12/12/07 16:33	AR	SW 8260B

SOUTH MALL ANALYTICAL LABS, INC.™

Lab ID Number: 0712079-02

Analyte	Results	Qual	Units	RL	Analyzed	By	Method
n-Propylbenzene	<2.00		ug/L	2.00	12/12/07 16:33	AR	SW 8260B
Styrene	<1.00		ug/L	1.00	12/12/07 16:33	AR	SW 8260B
1,1,1,2-Tetrachloroethane	<1.00		ug/L	1.00	12/12/07 16:33	AR	SW 8260B
1,1,2,2-Tetrachloroethane	<2.00		ug/L	2.00	12/12/07 16:33	AR	SW 8260B
Tetrachloroethene	<1.00		ug/L	1.00	12/12/07 16:33	AR	SW 8260B
Toluene	<1.00		ug/L	1.00	12/12/07 16:33	AR	SW 8260B
1,2,3-Trichlorobenzene	<2.00		ug/L	2.00	12/12/07 16:33	AR	SW 8260B
1,2,4-Trichlorobenzene	<1.00		ug/L	1.00	12/12/07 16:33	AR	SW 8260B
1,1,1-Trichloroethane	<1.00		ug/L	1.00	12/12/07 16:33	AR	SW 8260B
1,1,2-Trichloroethane	<2.00		ug/L	2.00	12/12/07 16:33	AR	SW 8260B
Trichloroethene	**2.38**		ug/L	1.00	12/12/07 16:33	AR	SW 8260B
Trichlorofluoromethane	<1.00		ug/L	1.00	12/12/07 16:33	AR	SW 8260B
1,2,3-Trichloropropane	<5.00		ug/L	5.00	12/12/07 16:33	AR	SW 8260B
1,2,4-Trimethylbenzene	<1.00		ug/L	1.00	12/12/07 16:33	AR	SW 8260B
1,3,5-Trimethylbenzene	<1.00		ug/L	1.00	12/12/07 16:33	AR	SW 8260B
Vinyl chloride	<5.00		ug/L	5.00	12/12/07 16:33	AR	SW 8260B
m,p-Xylenes	<2.00		ug/L	2.00	12/12/07 16:33	AR	SW 8260B
o-Xylene	<1.00		ug/L	1.00	12/12/07 16:33	AR	SW 8260B
Extracted 12/14/07 by Separatory Funnel Extraction for SW 8270C.							
Acenaphthene	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
Acenaphthylene	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
Anthracene	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
Benzo (a) anthracene	<2.00		ug/L	2.00	12/19/07 10:56	AR	SW 8270C
Benzo (a) pyrene	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
Benzo (b) fluoranthene	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
Benzo (g,h,i) perylene	<10.0		ug/L	10.0	12/19/07 10:56	AR	SW 8270C
Benzo (k) fluoranthene	<10.0		ug/L	10.0	12/19/07 10:56	AR	SW 8270C
4-Bromophenyl phenyl ether	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
Butyl benzyl phthalate	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
4-Chloroaniline	<10.0		ug/L	10.0	12/19/07 10:56	AR	SW 8270C
Bis(2-chloroethoxy)methane	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
Bis(2-chloroethyl)ether	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
Bis(2-chloroisopropyl)ether	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
2-Chloronaphthalene	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
4-Chlorophenyl phenyl ether	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
Chrysene	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
Dibenz (a,h) anthracene	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
Dibenzofuran	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C

SOUTH MALL ANALYTICAL LABS, INC.™

Lab ID Number: **0712079-02**

Analyte	Results	Qual	Units	RL	Analyzed	By	Method
Di-n-butyl phthalate	**23.6**	B	ug/L	5.00	12/19/07 10:56	AR	SW 8270C
1,2-Dichlorobenzene	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
1,4-Dichlorobenzene	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
1,3-Dichlorobenzene	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
3,3´-Dichlorobenzidine	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
Diethyl phthalate	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
Dimethyl phthalate	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
2,4-Dinitrotoluene	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
2,6-Dinitrotoluene	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
Di-n-octyl phthalate	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
Bis(2-ethylhexyl)phthalate	**10.8**		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
Fluoranthene	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
Fluorene	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
Hexachlorobenzene	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
Hexachlorobutadiene	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
Hexachlorocyclopentadiene	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
Hexachloroethane	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
Indeno (1,2,3-cd) pyrene	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
Isophorone	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
2-Methylnaphthalene	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
Naphthalene	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
3-Nitroaniline	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
2-Nitroaniline	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
4-Nitroaniline	<10.0		ug/L	10.0	12/19/07 10:56	AR	SW 8270C
Nitrobenzene	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
N-Nitrosodiphenylamine	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
N-Nitrosodi-n-propylamine	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
Phenanthrene	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
Pyrene	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
1,2,4-Trichlorobenzene	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C

SOUTH MALL ANALYTICAL LABS, INC.

Lab ID Number: 0712079-02

Analyte	Results	Qual	Units	RL	Analyzed	By	Method
Extracted 12/14/07 by Separatory Funnel Extraction for SW 8081.							
alpha-BHC	<0.01		ug/L	0.01	12/18/07 15:23	AR	SW 8081
alpha-Chlordane	<0.01		ug/L	0.01	12/18/07 15:23	AR	SW 8081
beta-BHC	<0.01		ug/L	0.01	12/18/07 15:23	AR	SW 8081
Aldrin	<0.01		ug/L	0.01	12/18/07 15:23	AR	SW 8081
gamma-BHC (Lindane)	<0.01		ug/L	0.01	12/18/07 15:23	AR	SW 8081
gamma-Chlordane	<0.01		ug/L	0.01	12/18/07 15:23	AR	SW 8081
Heptachlor	<0.01		ug/L	0.01	12/18/07 15:23	AR	SW 8081
Heptachlor epoxide	<0.01		ug/L	0.01	12/18/07 15:23	AR	SW 8081
delta-BHC	<0.01		ug/L	0.01	12/18/07 15:23	AR	SW 8081
Endosulfan I	<0.05		ug/L	0.05	12/18/07 15:23	AR	SW 8081
Endosulfan II	<0.05		ug/L	0.05	12/18/07 15:23	AR	SW 8081
Endosulfan sulfate	<0.05		ug/L	0.05	12/18/07 15:23	AR	SW 8081
Endrin	<0.05		ug/L	0.05	12/18/07 15:23	AR	SW 8081
Endrin aldehyde	<0.05		ug/L	0.05	12/18/07 15:23	AR	SW 8081
Endrin ketone	<0.05		ug/L	0.05	12/18/07 15:23	AR	SW 8081
4,4´-DDD	<0.05		ug/L	0.05	12/18/07 15:23	AR	SW 8081
4,4´-DDE	<0.05		ug/L	0.05	12/18/07 15:23	AR	SW 8081
4,4´-DDT	<0.05		ug/L	0.05	12/18/07 15:23	AR	SW 8081
Methoxychlor	<0.10		ug/L	0.10	12/18/07 15:23	AR	SW 8081
Dieldrin	<0.05		ug/L	0.05	12/18/07 15:23	AR	SW 8081
Chlordane (technical)	<0.10		ug/L	0.10	12/18/07 15:23	AR	SW 8081
Toxaphene	<0.10		ug/L	0.10	12/18/07 15:23	AR	SW 8081
Extracted 12/14/07 by Separatory Funnel Extraction for SW 8082.							
Aroclor 1016	<0.400		ug/L	0.400	12/18/07 15:17	AR	SW 8082
Aroclor 1221	<0.400		ug/L	0.400	12/18/07 15:17	AR	SW 8082
Aroclor 1232	<0.400		ug/L	0.400	12/18/07 15:17	AR	SW 8082
Aroclor 1242	<0.400		ug/L	0.400	12/18/07 15:17	AR	SW 8082
Aroclor 1248	<0.400		ug/L	0.400	12/18/07 15:17	AR	SW 8082
Aroclor 1254	<0.400		ug/L	0.400	12/18/07 15:17	AR	SW 8082
Aroclor 1260	<0.400		ug/L	0.400	12/18/07 15:17	AR	SW 8082

References & Qualifiers

EPA - 40 Code of Federal Regulations, Part 136, October 26, 1984.

SW - SW 846 3rd Edition.

SM - Standard Methods for the Examination of Water and Wastewater, 18th edition.

LT - Lachat Method Manual, "*Methods List for Automated Ion Analyzers*" ,February 2004

QM-07 - The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

QB-01 - The method blank contains analyte at a concentration above the MRL; however, concentration is less than 10% of the sample result, which is negligible according to method criteria.

B - Analyte is found in the associated blank as well as in the sample.

SOUTH MALL ANALYTICAL LABS, INC.™

26 NORTH MALL • PLAINVIEW, NY 11803
(516) 293-2191 • FAX (516) 293-3152
E-Mail: Info@SouthMallLabs.com
Website: www.SouthMallLabs.com

December 19, 2007

Analytical Results

Hydro Tech Environmental
2171 Jericho Turnpike Suite 345
Commack, NY 11725

Att: Xuan Xu

Sample Description: Soil - 225-227 Boeum Street, DRAFT: SP-1 (0'-2') - 12/10/07 08:00
Sample Collected By: Hydro Tech Environmental
Purchase Order: 2554
Date Samples Received: 12/11/07 08:30
Lab ID Number: 0712079-03 Sample

Analyte	Results	Qual	Units	RL	Analyzed	By	Method
Aluminum	<8050	QB-01	mg/kg dry	8050	12/17/07 12:51	MEM	SW 6010B
Antimony	**1.75**		mg/kg dry	0.604	12/13/07 14:11	MEM	SW 6010B
Arsenic	<0.336		mg/kg dry	0.336	12/13/07 14:11	MEM	SW 6010B
Barium	**57.5**		mg/kg dry	0.067	12/13/07 14:11	MEM	SW 6010B
Beryllium	**0.346**		mg/kg dry	0.067	12/13/07 14:11	MEM	SW 6010B
Cadmium	**3.00**		mg/kg dry	0.067	12/13/07 14:11	MEM	SW 6010B
Calcium	<20200	QB-01	mg/kg dry	20200	12/17/07 12:51	MEM	SW 6010B
Chromium	**19.9**		mg/kg dry	0.067	12/13/07 14:11	MEM	SW 6010B
Cobalt	**7.62**		mg/kg dry	0.067	12/13/07 14:11	MEM	SW 6010B
Copper	**22.7**		mg/kg dry	0.067	12/13/07 14:11	MEM	SW 6010B
Iron	**25200**	QB-01, B	mg/kg dry	3360	12/17/07 12:51	MEM	SW 6010B
Lead	**20.4**		mg/kg dry	1.01	12/13/07 14:11	MEM	SW 6010B
Magnesium	<4700	QB-01	mg/kg dry	4700	12/17/07 12:51	MEM	SW 6010B
Manganese	**333**		mg/kg dry	0.067	12/13/07 14:11	MEM	SW 6010B
Nickel	**12.4**		mg/kg dry	0.134	12/13/07 14:11	MEM	SW 6010B
Potassium	**267**	QB-01, B	mg/kg dry	0.671	12/13/07 14:11	MEM	SW 6010B
Selenium	<0.671		mg/kg dry	0.671	12/13/07 14:11	MEM	SW 6010B
Silver	<0.134		mg/kg dry	0.134	12/13/07 14:11	MEM	SW 6010B
Sodium	**10.3**	B	mg/kg dry	0.671	12/13/07 14:11	MEM	SW 6010B
Thallium	<0.336		mg/kg dry	0.336	12/13/07 14:11	MEM	SW 6010B
Vanadium	**32.8**		mg/kg dry	0.134	12/13/07 14:11	MEM	SW 6010B
Zinc	**67.8**	QB-01, B	mg/kg dry	0.134	12/13/07 14:11	MEM	SW6010B
Benzene	<5.79		ug/kg dry	5.79	12/12/07 00:06	AR	SW 8260B
Bromobenzene	<11.6		ug/kg dry	11.6	12/12/07 00:06	AR	SW 8260B
Bromochloromethane	<5.79		ug/kg dry	5.79	12/12/07 00:06	AR	SW 8260B

SOUTH MALL ANALYTICAL LABS, INC.

Lab ID Number: 0712079-03

Analyte	Results	Qual	Units	RL	Analyzed	By	Method
Bromodichloromethane	<29.0		ug/kg dry	29.0	12/12/07 00:06	AR	SW 8260B
Bromoform	<5.79		ug/kg dry	5.79	12/12/07 00:06	AR	SW 8260B
Bromomethane	<11.6		ug/kg dry	11.6	12/12/07 00:06	AR	SW 8260B
n-Butylbenzene	<5.79		ug/kg dry	5.79	12/12/07 00:06	AR	SW 8260B
sec-Butylbenzene	<5.79		ug/kg dry	5.79	12/12/07 00:06	AR	SW 8260B
tert-Butylbenzene	<5.79		ug/kg dry	5.79	12/12/07 00:06	AR	SW 8260B
Carbon Tetrachloride	<11.6		ug/kg dry	11.6	12/12/07 00:06	AR	SW 8260B
Chlorobenzene	<5.79		ug/kg dry	5.79	12/12/07 00:06	AR	SW 8260B
Chloroethane	<11.6		ug/kg dry	11.6	12/12/07 00:06	AR	SW 8260B
Chloroform	<5.79		ug/kg dry	5.79	12/12/07 00:06	AR	SW 8260B
Chloromethane	<11.6		ug/kg dry	11.6	12/12/07 00:06	AR	SW 8260B
2-Chlorotoluene	<11.6		ug/kg dry	11.6	12/12/07 00:06	AR	SW 8260B
4-Chlorotoluene	<11.6		ug/kg dry	11.6	12/12/07 00:06	AR	SW 8260B
Dibromochloromethane	<29.0		ug/kg dry	29.0	12/12/07 00:06	AR	SW 8260B
1,2-Dibromo-3-chloropropane	<11.6		ug/kg dry	11.6	12/12/07 00:06	AR	SW 8260B
1,2-Dibromoethane	<11.6		ug/kg dry	11.6	12/12/07 00:06	AR	SW 8260B
Dibromomethane	<5.79		ug/kg dry	5.79	12/12/07 00:06	AR	SW 8260B
1,2-Dichlorobenzene	<5.79		ug/kg dry	5.79	12/12/07 00:06	AR	SW 8260B
1,3-Dichlorobenzene	<11.6		ug/kg dry	11.6	12/12/07 00:06	AR	SW 8260B
1,4-Dichlorobenzene	<5.79		ug/kg dry	5.79	12/12/07 00:06	AR	SW 8260B
Dichlorodifluoromethane	<5.79		ug/kg dry	5.79	12/12/07 00:06	AR	SW 8260B
1,1-Dichloroethane	<11.6		ug/kg dry	11.6	12/12/07 00:06	AR	SW 8260B
1,2-Dichloroethane	<5.79		ug/kg dry	5.79	12/12/07 00:06	AR	SW 8260B
1,1-Dichloroethene	<5.79		ug/kg dry	5.79	12/12/07 00:06	AR	SW 8260B
cis-1,2-Dichloroethene	<5.79		ug/kg dry	5.79	12/12/07 00:06	AR	SW 8260B
trans-1,2-Dichloroethene	<5.79		ug/kg dry	5.79	12/12/07 00:06	AR	SW 8260B
1,2-Dichloropropane	<11.6		ug/kg dry	11.6	12/12/07 00:06	AR	SW 8260B
1,3-Dichloropropane	<5.79		ug/kg dry	5.79	12/12/07 00:06	AR	SW 8260B
2,2-Dichloropropane	<11.6		ug/kg dry	11.6	12/12/07 00:06	AR	SW 8260B
1,1-Dichloropropene	<11.6		ug/kg dry	11.6	12/12/07 00:06	AR	SW 8260B
cis-1,3-Dichloropropene	<5.79		ug/kg dry	5.79	12/12/07 00:06	AR	SW 8260B
trans-1,3-Dichloropropene	<5.79		ug/kg dry	5.79	12/12/07 00:06	AR	SW 8260B
Ethylbenzene	<11.6		ug/kg dry	11.6	12/12/07 00:06	AR	SW 8260B
Hexachlorobutadiene	<5.79		ug/kg dry	5.79	12/12/07 00:06	AR	SW 8260B
Isopropylbenzene	<11.6		ug/kg dry	11.6	12/12/07 00:06	AR	SW 8260B
4-Isopropyltoluene	<5.79		ug/kg dry	5.79	12/12/07 00:06	AR	SW 8260B
Methyl-tert-Butyl Ether	<5.79		ug/kg dry	5.79	12/12/07 00:06	AR	SW 8260B
Methylene Chloride	<57.9		ug/kg dry	57.9	12/12/07 00:06	AR	SW 8260B
Naphthalene	<29.0		ug/kg dry	29.0	12/12/07 00:06	AR	SW 8260B

SOUTH MALL ANALYTICAL LABS, INC.™

Lab ID Number: **0712079-03**

Analyte	Results	Qual	Units	RL	Analyzed	By	Method
n-Propylbenzene	<11.6		ug/kg dry	11.6	12/12/07 00:06	AR	SW 8260B
Styrene	<5.79		ug/kg dry	5.79	12/12/07 00:06	AR	SW 8260B
1,1,1,2-Tetrachloroethane	<5.79		ug/kg dry	5.79	12/12/07 00:06	AR	SW 8260B
1,1,2,2-Tetrachloroethane	<11.6		ug/kg dry	11.6	12/12/07 00:06	AR	SW 8260B
Tetrachloroethene	<5.79		ug/kg dry	5.79	12/12/07 00:06	AR	SW 8260B
Toluene	<5.79		ug/kg dry	5.79	12/12/07 00:06	AR	SW 8260B
1,2,3-Trichlorobenzene	<11.6		ug/kg dry	11.6	12/12/07 00:06	AR	SW 8260B
1,2,4-Trichlorobenzene	<5.79		ug/kg dry	5.79	12/12/07 00:06	AR	SW 8260B
1,1,1-Trichloroethane	<5.79		ug/kg dry	5.79	12/12/07 00:06	AR	SW 8260B
1,1,2-Trichloroethane	<11.6		ug/kg dry	11.6	12/12/07 00:06	AR	SW 8260B
Trichloroethene	<5.79		ug/kg dry	5.79	12/12/07 00:06	AR	SW 8260B
Trichlorofluoromethane	<5.79		ug/kg dry	5.79	12/12/07 00:06	AR	SW 8260B
1,2,3-Trichloropropane	<29.0		ug/kg dry	29.0	12/12/07 00:06	AR	SW 8260B
1,2,4-Trimethylbenzene	<5.79		ug/kg dry	5.79	12/12/07 00:06	AR	SW 8260B
1,3,5-Trimethylbenzene	<5.79		ug/kg dry	5.79	12/12/07 00:06	AR	SW 8260B
Vinyl chloride	<29.0		ug/kg dry	29.0	12/12/07 00:06	AR	SW 8260B
m,p-Xylenes	<11.6		ug/kg dry	11.6	12/12/07 00:06	AR	SW 8260B
o-Xylene	<5.79		ug/kg dry	5.79	12/12/07 00:06	AR	SW 8260B
Extracted 12/13/07 by Soxhlet Extraction for SW 8270C.							
Acenaphthene	<116		ug/kg dry	116	12/19/07 00:02	AR	SW 8270C
Acenaphthylene	<116		ug/kg dry	116	12/19/07 00:02	AR	SW 8270C
Anthracene	<232		ug/kg dry	232	12/19/07 00:02	AR	SW 8270C
Benzo (a) anthracene	<116		ug/kg dry	116	12/19/07 00:02	AR	SW 8270C
Benzo (a) pyrene	<116		ug/kg dry	116	12/19/07 00:02	AR	SW 8270C
Benzo (b) fluoranthene	<579		ug/kg dry	579	12/19/07 00:02	AR	SW 8270C
Benzo (g,h,i) perylene	<116		ug/kg dry	116	12/19/07 00:02	AR	SW 8270C
Benzo (k) fluoranthene	<232		ug/kg dry	232	12/19/07 00:02	AR	SW 8270C
4-Bromophenyl phenyl ether	<116		ug/kg dry	116	12/19/07 00:02	AR	SW 8270C
Butyl benzyl phthalate	<579		ug/kg dry	579	12/19/07 00:02	AR	SW 8270C
4-Chloroaniline	<579		ug/kg dry	579	12/19/07 00:02	AR	SW 8270C
Bis(2-chloroethoxy)methane	<232		ug/kg dry	232	12/19/07 00:02	AR	SW 8270C
Bis(2-chloroethyl)ether	<232		ug/kg dry	232	12/19/07 00:02	AR	SW 8270C
Bis(2-chloroisopropyl)ether	<232		ug/kg dry	232	12/19/07 00:02	AR	SW 8270C
2-Chloronaphthalene	<116		ug/kg dry	116	12/19/07 00:02	AR	SW 8270C
4-Chlorophenyl phenyl ether	<232		ug/kg dry	232	12/19/07 00:02	AR	SW 8270C
Chrysene	<232		ug/kg dry	232	12/19/07 00:02	AR	SW 8270C
Dibenz (a,h) anthracene	<232		ug/kg dry	232	12/19/07 00:02	AR	SW 8270C
Dibenzofuran	<579		ug/kg dry	579	12/19/07 00:02	AR	SW 8270C

SOUTH MALL ANALYTICAL LABS, INC.™

Lab ID Number: **0712079-03**

Analyte	Results	Qual	Units	RL	Analyzed	By	Method
Di-n-butyl phthalate	**1000**	B	ug/kg dry	232	12/19/07 00:02	AR	SW 8270C
1,2-Dichlorobenzene	<116		ug/kg dry	116	12/19/07 00:02	AR	SW 8270C
1,4-Dichlorobenzene	<232		ug/kg dry	232	12/19/07 00:02	AR	SW 8270C
1,3-Dichlorobenzene	<232		ug/kg dry	232	12/19/07 00:02	AR	SW 8270C
3,3´-Dichlorobenzidine	<579		ug/kg dry	579	12/19/07 00:02	AR	SW 8270C
Diethyl phthalate	<232		ug/kg dry	232	12/19/07 00:02	AR	SW 8270C
Dimethyl phthalate	<116		ug/kg dry	116	12/19/07 00:02	AR	SW 8270C
2,4-Dinitrotoluene	<232		ug/kg dry	232	12/19/07 00:02	AR	SW 8270C
2,6-Dinitrotoluene	<232		ug/kg dry	232	12/19/07 00:02	AR	SW 8270C
Di-n-octyl phthalate	<579		ug/kg dry	579	12/19/07 00:02	AR	SW 8270C
Bis(2-ethylhexyl)phthalate	**426**	B	ug/kg dry	232	12/19/07 00:02	AR	SW 8270C
Fluoranthene	<116		ug/kg dry	116	12/19/07 00:02	AR	SW 8270C
Fluorene	<232		ug/kg dry	232	12/19/07 00:02	AR	SW 8270C
Hexachlorobenzene	<232		ug/kg dry	232	12/19/07 00:02	AR	SW 8270C
Hexachlorobutadiene	<232		ug/kg dry	232	12/19/07 00:02	AR	SW 8270C
Hexachlorocyclopentadiene	<1160		ug/kg dry	1160	12/19/07 00:02	AR	SW 8270C
Hexachloroethane	<232		ug/kg dry	232	12/19/07 00:02	AR	SW 8270C
Indeno (1,2,3-cd) pyrene	<232		ug/kg dry	232	12/19/07 00:02	AR	SW 8270C
Isophorone	<232		ug/kg dry	232	12/19/07 00:02	AR	SW 8270C
2-Methylnaphthalene	<116		ug/kg dry	116	12/19/07 00:02	AR	SW 8270C
Naphthalene	<116		ug/kg dry	116	12/19/07 00:02	AR	SW 8270C
3-Nitroaniline	<579		ug/kg dry	579	12/19/07 00:02	AR	SW 8270C
2-Nitroaniline	<579		ug/kg dry	579	12/19/07 00:02	AR	SW 8270C
4-Nitroaniline	<579		ug/kg dry	579	12/19/07 00:02	AR	SW 8270C
Nitrobenzene	<232		ug/kg dry	232	12/19/07 00:02	AR	SW 8270C
N-Nitrosodiphenylamine	<232		ug/kg dry	232	12/19/07 00:02	AR	SW 8270C
N-Nitrosodi-n-propylamine	<232		ug/kg dry	232	12/19/07 00:02	AR	SW 8270C
Phenanthrene	<232		ug/kg dry	232	12/19/07 00:02	AR	SW 8270C
Pyrene	<232		ug/kg dry	232	12/19/07 00:02	AR	SW 8270C
1,2,4-Trichlorobenzene	<116		ug/kg dry	116	12/19/07 00:02	AR	SW 8270C

SOUTH MALL ANALYTICAL LABS, INC.

Lab ID Number: 0712079-03

Analyte	Results	Qual	Units	RL	Analyzed	By	Method
Extracted 12/13/07 by Soxhlet Extraction for SW 8081.							
alpha-BHC	<1.16		ug/kg dry	1.16	12/17/07 10:50	AR	SW 8081
alpha-Chlordane	<1.16		ug/kg dry	1.16	12/17/07 10:50	AR	SW 8081
beta-BHC	<1.16		ug/kg dry	1.16	12/17/07 10:50	AR	SW 8081
Aldrin	<1.16		ug/kg dry	1.16	12/17/07 10:50	AR	SW 8081
gamma-BHC (Lindane)	<1.16		ug/kg dry	1.16	12/17/07 10:50	AR	SW 8081
gamma-Chlordane	<1.16		ug/kg dry	1.16	12/17/07 10:50	AR	SW 8081
Heptachlor	<1.16		ug/kg dry	1.16	12/17/07 10:50	AR	SW 8081
Heptachlor epoxide	<1.16		ug/kg dry	1.16	12/17/07 10:50	AR	SW 8081
delta-BHC	<1.16		ug/kg dry	1.16	12/17/07 10:50	AR	SW 8081
Endosulfan I	<5.79		ug/kg dry	5.79	12/17/07 10:50	AR	SW 8081
Endosulfan II	<5.79		ug/kg dry	5.79	12/17/07 10:50	AR	SW 8081
Endosulfan sulfate	<5.79		ug/kg dry	5.79	12/17/07 10:50	AR	SW 8081
Endrin	<5.79		ug/kg dry	5.79	12/17/07 10:50	AR	SW 8081
Endrin aldehyde	<5.79		ug/kg dry	5.79	12/17/07 10:50	AR	SW 8081
Endrin ketone	<5.79		ug/kg dry	5.79	12/17/07 10:50	AR	SW 8081
4,4´-DDD	<5.79		ug/kg dry	5.79	12/17/07 10:50	AR	SW 8081
4,4´-DDE	<5.79		ug/kg dry	5.79	12/17/07 10:50	AR	SW 8081
4,4´-DDT	<5.79		ug/kg dry	5.79	12/17/07 10:50	AR	SW 8081
Methoxychlor	<11.6		ug/kg dry	11.6	12/17/07 10:50	AR	SW 8081
Dieldrin	<5.79		ug/kg dry	5.79	12/17/07 10:50	AR	SW 8081
Chlordane (technical)	<11.6		ug/kg dry	11.6	12/17/07 10:50	AR	SW 8081
Toxaphene	<11.6		ug/kg dry	11.6	12/17/07 10:50	AR	SW 8081
Extracted 12/13/07 by Soxhlet Extraction for SW 8082.							
Aroclor 1016	<46.3		ug/kg dry	46.3	12/17/07 10:42	AR	SW 8082
Aroclor 1221	<46.3		ug/kg dry	46.3	12/17/07 10:42	AR	SW 8082
Aroclor 1232	<46.3		ug/kg dry	46.3	12/17/07 10:42	AR	SW 8082
Aroclor 1242	<46.3		ug/kg dry	46.3	12/17/07 10:42	AR	SW 8082
Aroclor 1248	<46.3		ug/kg dry	46.3	12/17/07 10:42	AR	SW 8082
Aroclor 1254	<46.3		ug/kg dry	46.3	12/17/07 10:42	AR	SW 8082
Aroclor 1260	<46.3		ug/kg dry	46.3	12/17/07 10:42	AR	SW 8082

References & Qualifiers

EPA - 40 Code of Federal Regulations, Part 136, October 26, 1984.

SW - SW 846 3rd Edition.

SM - Standard Methods for the Examination of Water and Wastewater, 18th edition.

LT - Lachat Method Manual, "*Methods List for Automated Ion Analyzers*" ,February 2004

QM-07 - The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

QB-01 - The method blank contains analyte at a concentration above the MRL; however, concentration is less than 10% of the sample result, which is negligible according to method criteria.

B - Analyte is found in the associated blank as well as in the sample.

SOUTH MALL ANALYTICAL LABS, INC.™

26 NORTH MALL • PLAINVIEW, NY 11803
(516) 293-2191 • FAX (516) 293-3152
E-Mail: Info@SouthMallLabs.com
Website: www.SouthMallLabs.com

December 19, 2007

Analytical Results

Hydro Tech Environmental
2171 Jericho Turnpike Suite 345
Commack, NY 11725

Att: Xuan Xu

Sample Description: Soil - 225-227 Boeum Street, DRAFT: SP-1 (6'-8') - 12/10/07 08:00
Sample Collected By: Hydro Tech Environmental
Purchase Order: 2554
Date Samples Received: 12/11/07 08:30
Lab ID Number: 0712079-04 Sample

Analyte	Results	Qual	Units	RL	Analyzed	By	Method
Aluminum	**12200**	QB-01, B	mg/kg dry	8310	12/17/07 12:54	MEM	SW 6010B
Antimony	**0.880**		mg/kg dry	0.622	12/13/07 14:42	MEM	SW 6010B
Arsenic	<0.346		mg/kg dry	0.346	12/13/07 14:42	MEM	SW 6010B
Barium	**44.9**		mg/kg dry	0.069	12/13/07 14:42	MEM	SW 6010B
Beryllium	**0.334**		mg/kg dry	0.069	12/13/07 14:42	MEM	SW 6010B
Cadmium	**2.46**		mg/kg dry	0.069	12/13/07 14:42	MEM	SW 6010B
Calcium	<20700	QB-01	mg/kg dry	20700	12/17/07 12:54	MEM	SW 6010B
Chromium	**18.2**		mg/kg dry	0.069	12/13/07 14:42	MEM	SW 6010B
Cobalt	**6.46**		mg/kg dry	0.069	12/13/07 14:42	MEM	SW 6010B
Copper	**12.8**		mg/kg dry	0.069	12/13/07 14:42	MEM	SW 6010B
Iron	**21200**	QB-01, B	mg/kg dry	3460	12/17/07 12:54	MEM	SW 6010B
Lead	**12.1**		mg/kg dry	1.04	12/13/07 14:42	MEM	SW 6010B
Magnesium	<4850	QB-01	mg/kg dry	4850	12/17/07 12:54	MEM	SW 6010B
Manganese	**431**		mg/kg dry	0.069	12/13/07 14:42	MEM	SW 6010B
Nickel	**11.3**		mg/kg dry	0.139	12/13/07 14:42	MEM	SW 6010B
Potassium	**179**	QB-01, B	mg/kg dry	0.692	12/13/07 14:42	MEM	SW 6010B
Selenium	<0.692		mg/kg dry	0.692	12/13/07 14:42	MEM	SW 6010B
Silver	<0.139		mg/kg dry	0.139	12/13/07 14:42	MEM	SW 6010B
Sodium	**8.67**	B	mg/kg dry	0.692	12/13/07 14:42	MEM	SW 6010B
Thallium	<0.346		mg/kg dry	0.346	12/13/07 14:42	MEM	SW 6010B
Vanadium	**26.2**		mg/kg dry	0.139	12/13/07 14:42	MEM	SW 6010B
Zinc	**29.0**	QB-01, B	mg/kg dry	0.139	12/13/07 14:42	MEM	SW6010B
Benzene	<5.88		ug/kg dry	5.88	12/12/07 00:42	AR	SW 8260B
Bromobenzene	<11.8		ug/kg dry	11.8	12/12/07 00:42	AR	SW 8260B
Bromochloromethane	<5.88		ug/kg dry	5.88	12/12/07 00:42	AR	SW 8260B

SOUTH MALL ANALYTICAL LABS, INC.™

Lab ID Number: 0712079-04

Analyte	Results	Qual	Units	RL	Analyzed	By	Method
Bromodichloromethane	<29.4		ug/kg dry	29.4	12/12/07 00:42	AR	SW 8260B
Bromoform	<5.88		ug/kg dry	5.88	12/12/07 00:42	AR	SW 8260B
Bromomethane	<11.8		ug/kg dry	11.8	12/12/07 00:42	AR	SW 8260B
n-Butylbenzene	<5.88		ug/kg dry	5.88	12/12/07 00:42	AR	SW 8260B
sec-Butylbenzene	<5.88		ug/kg dry	5.88	12/12/07 00:42	AR	SW 8260B
tert-Butylbenzene	<5.88		ug/kg dry	5.88	12/12/07 00:42	AR	SW 8260B
Carbon Tetrachloride	<11.8		ug/kg dry	11.8	12/12/07 00:42	AR	SW 8260B
Chlorobenzene	<5.88		ug/kg dry	5.88	12/12/07 00:42	AR	SW 8260B
Chloroethane	<11.8		ug/kg dry	11.8	12/12/07 00:42	AR	SW 8260B
Chloroform	<5.88		ug/kg dry	5.88	12/12/07 00:42	AR	SW 8260B
Chloromethane	<11.8		ug/kg dry	11.8	12/12/07 00:42	AR	SW 8260B
2-Chlorotoluene	<11.8		ug/kg dry	11.8	12/12/07 00:42	AR	SW 8260B
4-Chlorotoluene	<11.8		ug/kg dry	11.8	12/12/07 00:42	AR	SW 8260B
Dibromochloromethane	<29.4		ug/kg dry	29.4	12/12/07 00:42	AR	SW 8260B
1,2-Dibromo-3-chloropropane	<11.8		ug/kg dry	11.8	12/12/07 00:42	AR	SW 8260B
1,2-Dibromoethane	<11.8		ug/kg dry	11.8	12/12/07 00:42	AR	SW 8260B
Dibromomethane	<5.88		ug/kg dry	5.88	12/12/07 00:42	AR	SW 8260B
1,2-Dichlorobenzene	<5.88		ug/kg dry	5.88	12/12/07 00:42	AR	SW 8260B
1,3-Dichlorobenzene	<11.8		ug/kg dry	11.8	12/12/07 00:42	AR	SW 8260B
1,4-Dichlorobenzene	<5.88		ug/kg dry	5.88	12/12/07 00:42	AR	SW 8260B
Dichlorodifluoromethane	<5.88		ug/kg dry	5.88	12/12/07 00:42	AR	SW 8260B
1,1-Dichloroethane	<11.8		ug/kg dry	11.8	12/12/07 00:42	AR	SW 8260B
1,2-Dichloroethane	<5.88		ug/kg dry	5.88	12/12/07 00:42	AR	SW 8260B
1,1-Dichloroethene	<5.88		ug/kg dry	5.88	12/12/07 00:42	AR	SW 8260B
cis-1,2-Dichloroethene	<5.88		ug/kg dry	5.88	12/12/07 00:42	AR	SW 8260B
trans-1,2-Dichloroethene	<5.88		ug/kg dry	5.88	12/12/07 00:42	AR	SW 8260B
1,2-Dichloropropane	<11.8		ug/kg dry	11.8	12/12/07 00:42	AR	SW 8260B
1,3-Dichloropropane	<5.88		ug/kg dry	5.88	12/12/07 00:42	AR	SW 8260B
2,2-Dichloropropane	<11.8		ug/kg dry	11.8	12/12/07 00:42	AR	SW 8260B
1,1-Dichloropropene	<11.8		ug/kg dry	11.8	12/12/07 00:42	AR	SW 8260B
cis-1,3-Dichloropropene	<5.88		ug/kg dry	5.88	12/12/07 00:42	AR	SW 8260B
trans-1,3-Dichloropropene	<5.88		ug/kg dry	5.88	12/12/07 00:42	AR	SW 8260B
Ethylbenzene	<11.8		ug/kg dry	11.8	12/12/07 00:42	AR	SW 8260B
Hexachlorobutadiene	<5.88		ug/kg dry	5.88	12/12/07 00:42	AR	SW 8260B
Isopropylbenzene	<11.8		ug/kg dry	11.8	12/12/07 00:42	AR	SW 8260B
4-Isopropyltoluene	<5.88		ug/kg dry	5.88	12/12/07 00:42	AR	SW 8260B
Methyl-tert-Butyl Ether	<5.88		ug/kg dry	5.88	12/12/07 00:42	AR	SW 8260B
Methylene Chloride	<58.8		ug/kg dry	58.8	12/12/07 00:42	AR	SW 8260B
Naphthalene	<29.4		ug/kg dry	29.4	12/12/07 00:42	AR	SW 8260B

SOUTH MALL ANALYTICAL LABS, INC.

Lab ID Number: **0712079-04**

Analyte	Results	Qual	Units	RL	Analyzed	By	Method
n-Propylbenzene	<11.8		ug/kg dry	11.8	12/12/07 00:42	AR	SW 8260B
Styrene	<5.88		ug/kg dry	5.88	12/12/07 00:42	AR	SW 8260B
1,1,1,2-Tetrachloroethane	<5.88		ug/kg dry	5.88	12/12/07 00:42	AR	SW 8260B
1,1,2,2-Tetrachloroethane	<11.8		ug/kg dry	11.8	12/12/07 00:42	AR	SW 8260B
Tetrachloroethene	<5.88		ug/kg dry	5.88	12/12/07 00:42	AR	SW 8260B
Toluene	<5.88		ug/kg dry	5.88	12/12/07 00:42	AR	SW 8260B
1,2,3-Trichlorobenzene	<11.8		ug/kg dry	11.8	12/12/07 00:42	AR	SW 8260B
1,2,4-Trichlorobenzene	<5.88		ug/kg dry	5.88	12/12/07 00:42	AR	SW 8260B
1,1,1-Trichloroethane	<5.88		ug/kg dry	5.88	12/12/07 00:42	AR	SW 8260B
1,1,2-Trichloroethane	<11.8		ug/kg dry	11.8	12/12/07 00:42	AR	SW 8260B
Trichloroethene	<5.88		ug/kg dry	5.88	12/12/07 00:42	AR	SW 8260B
Trichlorofluoromethane	<5.88		ug/kg dry	5.88	12/12/07 00:42	AR	SW 8260B
1,2,3-Trichloropropane	<29.4		ug/kg dry	29.4	12/12/07 00:42	AR	SW 8260B
1,2,4-Trimethylbenzene	<5.88		ug/kg dry	5.88	12/12/07 00:42	AR	SW 8260B
1,3,5-Trimethylbenzene	<5.88		ug/kg dry	5.88	12/12/07 00:42	AR	SW 8260B
Vinyl chloride	<29.4		ug/kg dry	29.4	12/12/07 00:42	AR	SW 8260B
m,p-Xylenes	<11.8		ug/kg dry	11.8	12/12/07 00:42	AR	SW 8260B
o-Xylene	<5.88		ug/kg dry	5.88	12/12/07 00:42	AR	SW 8260B
Extracted 12/13/07 by Soxhlet Extraction for SW 8270C.							
Acenaphthene	<118		ug/kg dry	118	12/19/07 00:52	AR	SW 8270C
Acenaphthylene	<118		ug/kg dry	118	12/19/07 00:52	AR	SW 8270C
Anthracene	<235		ug/kg dry	235	12/19/07 00:52	AR	SW 8270C
Benzo (a) anthracene	**251**		ug/kg dry	118	12/19/07 00:52	AR	SW 8270C
Benzo (a) pyrene	**220**		ug/kg dry	118	12/19/07 00:52	AR	SW 8270C
Benzo (b) fluoranthene	<588		ug/kg dry	588	12/19/07 00:52	AR	SW 8270C
Benzo (g,h,i) perylene	<118		ug/kg dry	118	12/19/07 00:52	AR	SW 8270C
Benzo (k) fluoranthene	<235		ug/kg dry	235	12/19/07 00:52	AR	SW 8270C
4-Bromophenyl phenyl ether	<118		ug/kg dry	118	12/19/07 00:52	AR	SW 8270C
Butyl benzyl phthalate	<588		ug/kg dry	588	12/19/07 00:52	AR	SW 8270C
4-Chloroaniline	<588		ug/kg dry	588	12/19/07 00:52	AR	SW 8270C
Bis(2-chloroethoxy)methane	<235		ug/kg dry	235	12/19/07 00:52	AR	SW 8270C
Bis(2-chloroethyl)ether	<235		ug/kg dry	235	12/19/07 00:52	AR	SW 8270C
Bis(2-chloroisopropyl)ether	<235		ug/kg dry	235	12/19/07 00:52	AR	SW 8270C
2-Chloronaphthalene	<118		ug/kg dry	118	12/19/07 00:52	AR	SW 8270C
4-Chlorophenyl phenyl ether	<235		ug/kg dry	235	12/19/07 00:52	AR	SW 8270C
Chrysene	**276**		ug/kg dry	235	12/19/07 00:52	AR	SW 8270C
Dibenz (a,h) anthracene	<235		ug/kg dry	235	12/19/07 00:52	AR	SW 8270C
Dibenzofuran	<588		ug/kg dry	588	12/19/07 00:52	AR	SW 8270C

SOUTH MALL ANALYTICAL LABS, INC.™

Lab ID Number: **0712079-04**

Analyte	Results	Qual	Units	RL	Analyzed	By	Method
Di-n-butyl phthalate	**1310**	B	ug/kg dry	235	12/19/07 00:52	AR	SW 8270C
1,2-Dichlorobenzene	<118		ug/kg dry	118	12/19/07 00:52	AR	SW 8270C
1,4-Dichlorobenzene	<235		ug/kg dry	235	12/19/07 00:52	AR	SW 8270C
1,3-Dichlorobenzene	<235		ug/kg dry	235	12/19/07 00:52	AR	SW 8270C
3,3´-Dichlorobenzidine	<588		ug/kg dry	588	12/19/07 00:52	AR	SW 8270C
Diethyl phthalate	<235		ug/kg dry	235	12/19/07 00:52	AR	SW 8270C
Dimethyl phthalate	<118		ug/kg dry	118	12/19/07 00:52	AR	SW 8270C
2,4-Dinitrotoluene	<235		ug/kg dry	235	12/19/07 00:52	AR	SW 8270C
2,6-Dinitrotoluene	<235		ug/kg dry	235	12/19/07 00:52	AR	SW 8270C
Di-n-octyl phthalate	<588		ug/kg dry	588	12/19/07 00:52	AR	SW 8270C
Bis(2-ethylhexyl)phthalate	**529**	B	ug/kg dry	235	12/19/07 00:52	AR	SW 8270C
Fluoranthene	**922**		ug/kg dry	118	12/19/07 00:52	AR	SW 8270C
Fluorene	<235		ug/kg dry	235	12/19/07 00:52	AR	SW 8270C
Hexachlorobenzene	<235		ug/kg dry	235	12/19/07 00:52	AR	SW 8270C
Hexachlorobutadiene	<235		ug/kg dry	235	12/19/07 00:52	AR	SW 8270C
Hexachlorocyclopentadiene	<1180		ug/kg dry	1180	12/19/07 00:52	AR	SW 8270C
Hexachloroethane	<235		ug/kg dry	235	12/19/07 00:52	AR	SW 8270C
Indeno (1,2,3-cd) pyrene	<235		ug/kg dry	235	12/19/07 00:52	AR	SW 8270C
Isophorone	<235		ug/kg dry	235	12/19/07 00:52	AR	SW 8270C
2-Methylnaphthalene	<118		ug/kg dry	118	12/19/07 00:52	AR	SW 8270C
Naphthalene	<118		ug/kg dry	118	12/19/07 00:52	AR	SW 8270C
3-Nitroaniline	<588		ug/kg dry	588	12/19/07 00:52	AR	SW 8270C
2-Nitroaniline	<588		ug/kg dry	588	12/19/07 00:52	AR	SW 8270C
4-Nitroaniline	<588		ug/kg dry	588	12/19/07 00:52	AR	SW 8270C
Nitrobenzene	<235		ug/kg dry	235	12/19/07 00:52	AR	SW 8270C
N-Nitrosodiphenylamine	<235		ug/kg dry	235	12/19/07 00:52	AR	SW 8270C
N-Nitrosodi-n-propylamine	<235		ug/kg dry	235	12/19/07 00:52	AR	SW 8270C
Phenanthrene	**519**		ug/kg dry	235	12/19/07 00:52	AR	SW 8270C
Pyrene	**431**		ug/kg dry	235	12/19/07 00:52	AR	SW 8270C
1,2,4-Trichlorobenzene	<118		ug/kg dry	118	12/19/07 00:52	AR	SW 8270C

SOUTH MALL ANALYTICAL LABS, INC.™

Lab ID Number: 0712079-04

Analyte	Results	Qual	Units	RL	Analyzed	By	Method
Extracted 12/13/07 by Soxhlet Extraction for SW 8081.							
alpha-BHC	<1.18		ug/kg dry	1.18	12/17/07 10:50	AR	SW 8081
alpha-Chlordane	<1.18		ug/kg dry	1.18	12/17/07 10:50	AR	SW 8081
beta-BHC	<1.18		ug/kg dry	1.18	12/17/07 10:50	AR	SW 8081
Aldrin	<1.18		ug/kg dry	1.18	12/17/07 10:50	AR	SW 8081
gamma-BHC (Lindane)	<1.18		ug/kg dry	1.18	12/17/07 10:50	AR	SW 8081
gamma-Chlordane	<1.18		ug/kg dry	1.18	12/17/07 10:50	AR	SW 8081
Heptachlor	<1.18		ug/kg dry	1.18	12/17/07 10:50	AR	SW 8081
Heptachlor epoxide	<1.18		ug/kg dry	1.18	12/17/07 10:50	AR	SW 8081
delta-BHC	<1.18		ug/kg dry	1.18	12/17/07 10:50	AR	SW 8081
Endosulfan I	<5.88		ug/kg dry	5.88	12/17/07 10:50	AR	SW 8081
Endosulfan II	<5.88		ug/kg dry	5.88	12/17/07 10:50	AR	SW 8081
Endosulfan sulfate	<5.88		ug/kg dry	5.88	12/17/07 10:50	AR	SW 8081
Endrin	<5.88		ug/kg dry	5.88	12/17/07 10:50	AR	SW 8081
Endrin aldehyde	<5.88		ug/kg dry	5.88	12/17/07 10:50	AR	SW 8081
Endrin ketone	<5.88		ug/kg dry	5.88	12/17/07 10:50	AR	SW 8081
4,4´-DDD	<5.88		ug/kg dry	5.88	12/17/07 10:50	AR	SW 8081
4,4´-DDE	<5.88		ug/kg dry	5.88	12/17/07 10:50	AR	SW 8081
4,4´-DDT	<5.88		ug/kg dry	5.88	12/17/07 10:50	AR	SW 8081
Methoxychlor	<11.8		ug/kg dry	11.8	12/17/07 10:50	AR	SW 8081
Dieldrin	<5.88		ug/kg dry	5.88	12/17/07 10:50	AR	SW 8081
Chlordane (technical)	<11.8		ug/kg dry	11.8	12/17/07 10:50	AR	SW 8081
Toxaphene	<11.8		ug/kg dry	11.8	12/17/07 10:50	AR	SW 8081
Extracted 12/13/07 by Soxhlet Extraction for SW 8082.							
Aroclor 1016	<47.1		ug/kg dry	47.1	12/17/07 10:42	AR	SW 8082
Aroclor 1221	<47.1		ug/kg dry	47.1	12/17/07 10:42	AR	SW 8082
Aroclor 1232	<47.1		ug/kg dry	47.1	12/17/07 10:42	AR	SW 8082
Aroclor 1242	<47.1		ug/kg dry	47.1	12/17/07 10:42	AR	SW 8082
Aroclor 1248	<47.1		ug/kg dry	47.1	12/17/07 10:42	AR	SW 8082
Aroclor 1254	<47.1		ug/kg dry	47.1	12/17/07 10:42	AR	SW 8082
Aroclor 1260	<47.1		ug/kg dry	47.1	12/17/07 10:42	AR	SW 8082

References & Qualifiers

EPA - 40 Code of Federal Regulations, Part 136, October 26, 1984.

SW - SW 846 3rd Edition.

SM - Standard Methods for the Examination of Water and Wastewater, 18th edition.

LT - Lachat Method Manual, "*Methods List for Automated Ion Analyzers*" ,February 2004

QM-07 - The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

QB-01 - The method blank contains analyte at a concentration above the MRL; however, concentration is less than 10% of the sample result, which is negligible according to method criteria.

B - Analyte is found in the associated blank as well as in the sample.

SOUTH MALL ANALYTICAL LABS, INC.™

26 NORTH MALL • PLAINVIEW, NY 11803
(516) 293-2191 • FAX (516) 293-3152
E-Mail: Info@SouthMallLabs.com
Website: www.SouthMallLabs.com

December 19, 2007

Analytical Results

Hydro Tech Environmental
2171 Jericho Turnpike Suite 345
Commack, NY 11725

Att: Xuan Xu

Sample Description: Soil - 225-227 Boeum Street, DRAFT: SP-2 (0'-2') - 12/10/07 08:00
Sample Collected By: Hydro Tech Environmental
Purchase Order: 2554
Date Samples Received: 12/11/07 08:30
Lab ID Number: 0712079-05 Sample

Analyte	Results	Qual	Units	RL	Analyzed	By	Method
Aluminum	**7790**	QB-01, B	mg/kg dry	6630	12/17/07 12:59	MEM	SW 6010B
Antimony	**1.34**		mg/kg dry	0.497	12/13/07 14:44	MEM	SW 6010B
Arsenic	<0.277		mg/kg dry	0.277	12/13/07 14:44	MEM	SW 6010B
Barium	**81.0**		mg/kg dry	0.056	12/13/07 14:44	MEM	SW 6010B
Beryllium	**0.310**		mg/kg dry	0.056	12/13/07 14:44	MEM	SW 6010B
Cadmium	**2.67**		mg/kg dry	0.056	12/13/07 14:44	MEM	SW 6010B
Calcium	<16600	QB-01	mg/kg dry	16600	12/17/07 12:59	MEM	SW 6010B
Chromium	**18.6**		mg/kg dry	0.056	12/13/07 14:44	MEM	SW 6010B
Cobalt	**6.62**		mg/kg dry	0.056	12/13/07 14:44	MEM	SW 6010B
Copper	**30.3**		mg/kg dry	0.056	12/13/07 14:44	MEM	SW 6010B
Iron	**19800**	QB-01, B	mg/kg dry	2770	12/17/07 12:59	MEM	SW 6010B
Lead	**291**		mg/kg dry	0.830	12/13/07 14:44	MEM	SW 6010B
Manganese	**420**		mg/kg dry	0.056	12/13/07 14:44	MEM	SW 6010B
Magnesium	**4570**	QB-01, B	mg/kg dry	3870	12/17/07 12:59	MEM	SW 6010B
Nickel	**11.8**		mg/kg dry	0.110	12/13/07 14:44	MEM	SW 6010B
Potassium	**359**	QB-01, B	mg/kg dry	0.553	12/13/07 14:44	MEM	SW 6010B
Selenium	<0.553		mg/kg dry	0.553	12/13/07 14:44	MEM	SW 6010B
Silver	<0.110		mg/kg dry	0.110	12/13/07 14:44	MEM	SW 6010B
Sodium	**18.0**	QB-01, B	mg/kg dry	0.553	12/13/07 14:44	MEM	SW 6010B
Thallium	<0.277		mg/kg dry	0.277	12/13/07 14:44	MEM	SW 6010B
Vanadium	**28.4**		mg/kg dry	0.110	12/13/07 14:44	MEM	SW 6010B
Zinc	**175**	QB-01, B	mg/kg dry	0.110	12/13/07 14:44	MEM	SW6010B
Benzene	<5.59		ug/kg dry	5.59	12/12/07 01:19	AR	SW 8260B
Bromobenzene	<11.2		ug/kg dry	11.2	12/12/07 01:19	AR	SW 8260B
Bromochloromethane	<5.59		ug/kg dry	5.59	12/12/07 01:19	AR	SW 8260B

SOUTH MALL ANALYTICAL LABS, INC.™

Lab ID Number: 0712079-05

Analyte	Results	Qual	Units	RL	Analyzed	By	Method
Bromodichloromethane	<28.0		ug/kg dry	28.0	12/12/07 01:19	AR	SW 8260B
Bromoform	<5.59		ug/kg dry	5.59	12/12/07 01:19	AR	SW 8260B
Bromomethane	<11.2		ug/kg dry	11.2	12/12/07 01:19	AR	SW 8260B
n-Butylbenzene	<5.59		ug/kg dry	5.59	12/12/07 01:19	AR	SW 8260B
sec-Butylbenzene	<5.59		ug/kg dry	5.59	12/12/07 01:19	AR	SW 8260B
tert-Butylbenzene	<5.59		ug/kg dry	5.59	12/12/07 01:19	AR	SW 8260B
Carbon Tetrachloride	<11.2		ug/kg dry	11.2	12/12/07 01:19	AR	SW 8260B
Chlorobenzene	<5.59		ug/kg dry	5.59	12/12/07 01:19	AR	SW 8260B
Chloroethane	<11.2		ug/kg dry	11.2	12/12/07 01:19	AR	SW 8260B
Chloroform	<5.59		ug/kg dry	5.59	12/12/07 01:19	AR	SW 8260B
Chloromethane	<11.2		ug/kg dry	11.2	12/12/07 01:19	AR	SW 8260B
2-Chlorotoluene	<11.2		ug/kg dry	11.2	12/12/07 01:19	AR	SW 8260B
4-Chlorotoluene	<11.2		ug/kg dry	11.2	12/12/07 01:19	AR	SW 8260B
Dibromochloromethane	<28.0		ug/kg dry	28.0	12/12/07 01:19	AR	SW 8260B
1,2-Dibromo-3-chloropropane	<11.2		ug/kg dry	11.2	12/12/07 01:19	AR	SW 8260B
1,2-Dibromoethane	<11.2		ug/kg dry	11.2	12/12/07 01:19	AR	SW 8260B
Dibromomethane	<5.59		ug/kg dry	5.59	12/12/07 01:19	AR	SW 8260B
1,2-Dichlorobenzene	<5.59		ug/kg dry	5.59	12/12/07 01:19	AR	SW 8260B
1,3-Dichlorobenzene	<11.2		ug/kg dry	11.2	12/12/07 01:19	AR	SW 8260B
1,4-Dichlorobenzene	<5.59		ug/kg dry	5.59	12/12/07 01:19	AR	SW 8260B
Dichlorodifluoromethane	<5.59		ug/kg dry	5.59	12/12/07 01:19	AR	SW 8260B
1,1-Dichloroethane	<11.2		ug/kg dry	11.2	12/12/07 01:19	AR	SW 8260B
1,2-Dichloroethane	<5.59		ug/kg dry	5.59	12/12/07 01:19	AR	SW 8260B
1,1-Dichloroethene	<5.59		ug/kg dry	5.59	12/12/07 01:19	AR	SW 8260B
cis-1,2-Dichloroethene	<5.59		ug/kg dry	5.59	12/12/07 01:19	AR	SW 8260B
trans-1,2-Dichloroethene	<5.59		ug/kg dry	5.59	12/12/07 01:19	AR	SW 8260B
1,2-Dichloropropane	<11.2		ug/kg dry	11.2	12/12/07 01:19	AR	SW 8260B
1,3-Dichloropropane	<5.59		ug/kg dry	5.59	12/12/07 01:19	AR	SW 8260B
2,2-Dichloropropane	<11.2		ug/kg dry	11.2	12/12/07 01:19	AR	SW 8260B
1,1-Dichloropropene	<11.2		ug/kg dry	11.2	12/12/07 01:19	AR	SW 8260B
cis-1,3-Dichloropropene	<5.59		ug/kg dry	5.59	12/12/07 01:19	AR	SW 8260B
trans-1,3-Dichloropropene	<5.59		ug/kg dry	5.59	12/12/07 01:19	AR	SW 8260B
Ethylbenzene	<11.2		ug/kg dry	11.2	12/12/07 01:19	AR	SW 8260B
Hexachlorobutadiene	<5.59		ug/kg dry	5.59	12/12/07 01:19	AR	SW 8260B
Isopropylbenzene	<11.2		ug/kg dry	11.2	12/12/07 01:19	AR	SW 8260B
4-Isopropyltoluene	<5.59		ug/kg dry	5.59	12/12/07 01:19	AR	SW 8260B
Methyl-tert-Butyl Ether	<5.59		ug/kg dry	5.59	12/12/07 01:19	AR	SW 8260B
Methylene Chloride	<55.9		ug/kg dry	55.9	12/12/07 01:19	AR	SW 8260B
Naphthalene	<28.0		ug/kg dry	28.0	12/12/07 01:19	AR	SW 8260B

SOUTH MALL ANALYTICAL LABS, INC.

Lab ID Number: 0712079-05

Analyte	Results	Qual	Units	RL	Analyzed	By	Method
n-Propylbenzene	<11.2		ug/kg dry	11.2	12/12/07 01:19	AR	SW 8260B
Styrene	<5.59		ug/kg dry	5.59	12/12/07 01:19	AR	SW 8260B
1,1,1,2-Tetrachloroethane	<5.59		ug/kg dry	5.59	12/12/07 01:19	AR	SW 8260B
1,1,2,2-Tetrachloroethane	<11.2		ug/kg dry	11.2	12/12/07 01:19	AR	SW 8260B
Tetrachloroethene	<5.59		ug/kg dry	5.59	12/12/07 01:19	AR	SW 8260B
Toluene	<5.59		ug/kg dry	5.59	12/12/07 01:19	AR	SW 8260B
1,2,3-Trichlorobenzene	<11.2		ug/kg dry	11.2	12/12/07 01:19	AR	SW 8260B
1,2,4-Trichlorobenzene	<5.59		ug/kg dry	5.59	12/12/07 01:19	AR	SW 8260B
1,1,1-Trichloroethane	<5.59		ug/kg dry	5.59	12/12/07 01:19	AR	SW 8260B
1,1,2-Trichloroethane	<11.2		ug/kg dry	11.2	12/12/07 01:19	AR	SW 8260B
Trichloroethene	<5.59		ug/kg dry	5.59	12/12/07 01:19	AR	SW 8260B
Trichlorofluoromethane	<5.59		ug/kg dry	5.59	12/12/07 01:19	AR	SW 8260B
1,2,3-Trichloropropane	<28.0		ug/kg dry	28.0	12/12/07 01:19	AR	SW 8260B
1,2,4-Trimethylbenzene	<5.59		ug/kg dry	5.59	12/12/07 01:19	AR	SW 8260B
1,3,5-Trimethylbenzene	<5.59		ug/kg dry	5.59	12/12/07 01:19	AR	SW 8260B
Vinyl chloride	<28.0		ug/kg dry	28.0	12/12/07 01:19	AR	SW 8260B
m,p-Xylenes	<11.2		ug/kg dry	11.2	12/12/07 01:19	AR	SW 8260B
o-Xylene	<5.59		ug/kg dry	5.59	12/12/07 01:19	AR	SW 8260B
Extracted 12/13/07 by Soxhlet Extraction for SW 8270C.							
Acenaphthene	<112		ug/kg dry	112	12/19/07 01:41	AR	SW 8270C
Acenaphthylene	<112		ug/kg dry	112	12/19/07 01:41	AR	SW 8270C
Anthracene	<224		ug/kg dry	224	12/19/07 01:41	AR	SW 8270C
Benzo (a) anthracene	<112		ug/kg dry	112	12/19/07 01:41	AR	SW 8270C
Benzo (a) pyrene	<112		ug/kg dry	112	12/19/07 01:41	AR	SW 8270C
Benzo (b) fluoranthene	<559		ug/kg dry	559	12/19/07 01:41	AR	SW 8270C
Benzo (g,h,i) perylene	<112		ug/kg dry	112	12/19/07 01:41	AR	SW 8270C
Benzo (k) fluoranthene	<224		ug/kg dry	224	12/19/07 01:41	AR	SW 8270C
4-Bromophenyl phenyl ether	<112		ug/kg dry	112	12/19/07 01:41	AR	SW 8270C
Butyl benzyl phthalate	<559		ug/kg dry	559	12/19/07 01:41	AR	SW 8270C
4-Chloroaniline	<559		ug/kg dry	559	12/19/07 01:41	AR	SW 8270C
Bis(2-chloroethoxy)methane	<224		ug/kg dry	224	12/19/07 01:41	AR	SW 8270C
Bis(2-chloroethyl)ether	<224		ug/kg dry	224	12/19/07 01:41	AR	SW 8270C
Bis(2-chloroisopropyl)ether	<224		ug/kg dry	224	12/19/07 01:41	AR	SW 8270C
2-Chloronaphthalene	<112		ug/kg dry	112	12/19/07 01:41	AR	SW 8270C
4-Chlorophenyl phenyl ether	<224		ug/kg dry	224	12/19/07 01:41	AR	SW 8270C
Chrysene	<224		ug/kg dry	224	12/19/07 01:41	AR	SW 8270C
Dibenz (a,h) anthracene	<224		ug/kg dry	224	12/19/07 01:41	AR	SW 8270C
Dibenzofuran	<559		ug/kg dry	559	12/19/07 01:41	AR	SW 8270C

SOUTH MALL ANALYTICAL LABS, INC.™

Lab ID Number: **0712079-05**

Analyte	Results	Qual	Units	RL	Analyzed	By	Method
Di-n-butyl phthalate	**1020**	B	ug/kg dry	224	12/19/07 01:41	AR	SW 8270C
1,2-Dichlorobenzene	<112		ug/kg dry	112	12/19/07 01:41	AR	SW 8270C
1,4-Dichlorobenzene	<224		ug/kg dry	224	12/19/07 01:41	AR	SW 8270C
1,3-Dichlorobenzene	<224		ug/kg dry	224	12/19/07 01:41	AR	SW 8270C
3,3´-Dichlorobenzidine	<559		ug/kg dry	559	12/19/07 01:41	AR	SW 8270C
Diethyl phthalate	<224		ug/kg dry	224	12/19/07 01:41	AR	SW 8270C
Dimethyl phthalate	<112		ug/kg dry	112	12/19/07 01:41	AR	SW 8270C
2,4-Dinitrotoluene	<224		ug/kg dry	224	12/19/07 01:41	AR	SW 8270C
2,6-Dinitrotoluene	<224		ug/kg dry	224	12/19/07 01:41	AR	SW 8270C
Di-n-octyl phthalate	<559		ug/kg dry	559	12/19/07 01:41	AR	SW 8270C
Bis(2-ethylhexyl)phthalate	**424**	B	ug/kg dry	224	12/19/07 01:41	AR	SW 8270C
Fluoranthene	**161**		ug/kg dry	112	12/19/07 01:41	AR	SW 8270C
Fluorene	<224		ug/kg dry	224	12/19/07 01:41	AR	SW 8270C
Hexachlorobenzene	<224		ug/kg dry	224	12/19/07 01:41	AR	SW 8270C
Hexachlorobutadiene	<224		ug/kg dry	224	12/19/07 01:41	AR	SW 8270C
Hexachlorocyclopentadiene	<1120		ug/kg dry	1120	12/19/07 01:41	AR	SW 8270C
Hexachloroethane	<224		ug/kg dry	224	12/19/07 01:41	AR	SW 8270C
Indeno (1,2,3-cd) pyrene	<224		ug/kg dry	224	12/19/07 01:41	AR	SW 8270C
Isophorone	<224		ug/kg dry	224	12/19/07 01:41	AR	SW 8270C
2-Methylnaphthalene	<112		ug/kg dry	112	12/19/07 01:41	AR	SW 8270C
Naphthalene	<112		ug/kg dry	112	12/19/07 01:41	AR	SW 8270C
3-Nitroaniline	<559		ug/kg dry	559	12/19/07 01:41	AR	SW 8270C
2-Nitroaniline	<559		ug/kg dry	559	12/19/07 01:41	AR	SW 8270C
4-Nitroaniline	<559		ug/kg dry	559	12/19/07 01:41	AR	SW 8270C
Nitrobenzene	<224		ug/kg dry	224	12/19/07 01:41	AR	SW 8270C
N-Nitrosodiphenylamine	<224		ug/kg dry	224	12/19/07 01:41	AR	SW 8270C
N-Nitrosodi-n-propylamine	<224		ug/kg dry	224	12/19/07 01:41	AR	SW 8270C
Phenanthrene	<224		ug/kg dry	224	12/19/07 01:41	AR	SW 8270C
Pyrene	<224		ug/kg dry	224	12/19/07 01:41	AR	SW 8270C
1,2,4-Trichlorobenzene	<112		ug/kg dry	112	12/19/07 01:41	AR	SW 8270C

SOUTH MALL ANALYTICAL LABS, INC.™

Lab ID Number: 0712079-05

Analyte	Results	Qual	Units	RL	Analyzed	By	Method
Extracted 12/13/07 by Soxhlet Extraction for SW 8081.							
alpha-BHC	<1.12		ug/kg dry	1.12	12/17/07 10:50	AR	SW 8081
alpha-Chlordane	<1.12		ug/kg dry	1.12	12/17/07 10:50	AR	SW 8081
beta-BHC	<1.12		ug/kg dry	1.12	12/17/07 10:50	AR	SW 8081
Aldrin	<1.12		ug/kg dry	1.12	12/17/07 10:50	AR	SW 8081
gamma-BHC (Lindane)	<1.12		ug/kg dry	1.12	12/17/07 10:50	AR	SW 8081
gamma-Chlordane	<1.12		ug/kg dry	1.12	12/17/07 10:50	AR	SW 8081
Heptachlor	<1.12		ug/kg dry	1.12	12/17/07 10:50	AR	SW 8081
Heptachlor epoxide	<1.12		ug/kg dry	1.12	12/17/07 10:50	AR	SW 8081
delta-BHC	<1.12		ug/kg dry	1.12	12/17/07 10:50	AR	SW 8081
Endosulfan I	<5.59		ug/kg dry	5.59	12/17/07 10:50	AR	SW 8081
Endosulfan II	<5.59		ug/kg dry	5.59	12/17/07 10:50	AR	SW 8081
Endosulfan sulfate	<5.59		ug/kg dry	5.59	12/17/07 10:50	AR	SW 8081
Endrin	<5.59		ug/kg dry	5.59	12/17/07 10:50	AR	SW 8081
Endrin aldehyde	<5.59		ug/kg dry	5.59	12/17/07 10:50	AR	SW 8081
Endrin ketone	<5.59		ug/kg dry	5.59	12/17/07 10:50	AR	SW 8081
4,4´-DDD	<5.59		ug/kg dry	5.59	12/17/07 10:50	AR	SW 8081
4,4´-DDE	<5.59		ug/kg dry	5.59	12/17/07 10:50	AR	SW 8081
4,4´-DDT	<5.59		ug/kg dry	5.59	12/17/07 10:50	AR	SW 8081
Methoxychlor	<11.2		ug/kg dry	11.2	12/17/07 10:50	AR	SW 8081
Dieldrin	<5.59		ug/kg dry	5.59	12/17/07 10:50	AR	SW 8081
Chlordane (technical)	<11.2		ug/kg dry	11.2	12/17/07 10:50	AR	SW 8081
Toxaphene	<11.2		ug/kg dry	11.2	12/17/07 10:50	AR	SW 8081
Extracted 12/13/07 by Soxhlet Extraction for SW 8082.							
Aroclor 1016	<44.7		ug/kg dry	44.7	12/17/07 10:42	AR	SW 8082
Aroclor 1221	<44.7		ug/kg dry	44.7	12/17/07 10:42	AR	SW 8082
Aroclor 1232	<44.7		ug/kg dry	44.7	12/17/07 10:42	AR	SW 8082
Aroclor 1242	<44.7		ug/kg dry	44.7	12/17/07 10:42	AR	SW 8082
Aroclor 1248	<44.7		ug/kg dry	44.7	12/17/07 10:42	AR	SW 8082
Aroclor 1254	<44.7		ug/kg dry	44.7	12/17/07 10:42	AR	SW 8082
Aroclor 1260	<44.7		ug/kg dry	44.7	12/17/07 10:42	AR	SW 8082

References & Qualifiers

EPA - 40 Code of Federal Regulations, Part 136, October 26, 1984.

SW - SW 846 3rd Edition.

SM - Standard Methods for the Examination of Water and Wastewater, 18th edition.

LT - Lachat Method Manual, "*Methods List for Automated Ion Analyzers*" ,February 2004

QM-07 - The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

QB-01 - The method blank contains analyte at a concentration above the MRL; however, concentration is less than 10% of the sample result, which is negligible according to method criteria.

B - Analyte is found in the associated blank as well as in the sample.

SOUTH MALL ANALYTICAL LABS, INC.™

26 NORTH MALL • PLAINVIEW, NY 11803
(516) 293-2191 • FAX (516) 293-3152
E-Mail: Info@SouthMallLabs.com
Website: www.SouthMallLabs.com

December 19, 2007

Analytical Results

Hydro Tech Environmental
2171 Jericho Turnpike Suite 345
Commack, NY 11725

Att: Xuan Xu

Sample Description: Soil - 225-227 Boeum Street, DRAFT: SP-2 (6'-8') - 12/10/07 08:00
Sample Collected By: Hydro Tech Environmental
Purchase Order: 2554
Date Samples Received: 12/11/07 08:30
Lab ID Number: 0712079-06 Sample

Analyte	Results	Qual	Units	RL	Analyzed	By	Method
Aluminum	**9460**	QB-01, B	mg/kg dry	7590	12/17/07 13:03	MEM	SW 6010B
Antimony	**1.38**		mg/kg dry	0.569	12/13/07 14:47	MEM	SW 6010B
Arsenic	<0.316		mg/kg dry	0.316	12/13/07 14:47	MEM	SW 6010B
Barium	**36.4**		mg/kg dry	0.063	12/13/07 14:47	MEM	SW 6010B
Beryllium	**0.388**		mg/kg dry	0.063	12/13/07 14:47	MEM	SW 6010B
Cadmium	**2.95**		mg/kg dry	0.063	12/13/07 14:47	MEM	SW 6010B
Calcium	<19000	QB-01	mg/kg dry	19000	12/17/07 13:03	MEM	SW 6010B
Chromium	**16.1**		mg/kg dry	0.063	12/13/07 14:47	MEM	SW 6010B
Cobalt	**7.50**		mg/kg dry	0.063	12/13/07 14:47	MEM	SW 6010B
Copper	**13.1**		mg/kg dry	0.063	12/13/07 14:47	MEM	SW 6010B
Iron	**25400**	QB-01, B	mg/kg dry	3160	12/17/07 13:03	MEM	SW 6010B
Lead	**8.54**		mg/kg dry	0.949	12/13/07 14:47	MEM	SW 6010B
Magnesium	<4430	QB-01	mg/kg dry	4430	12/17/07 13:03	MEM	SW 6010B
Manganese	**463**		mg/kg dry	0.063	12/13/07 14:47	MEM	SW 6010B
Nickel	**13.1**		mg/kg dry	0.126	12/13/07 14:47	MEM	SW 6010B
Potassium	**232**	QB-01, B	mg/kg dry	0.632	12/13/07 14:47	MEM	SW 6010B
Selenium	<0.632		mg/kg dry	0.632	12/13/07 14:47	MEM	SW 6010B
Silver	<0.126		mg/kg dry	0.126	12/13/07 14:47	MEM	SW 6010B
Sodium	**8.99**	B	mg/kg dry	0.632	12/13/07 14:47	MEM	SW 6010B
Thallium	<0.316		mg/kg dry	0.316	12/13/07 14:47	MEM	SW 6010B
Vanadium	**26.1**		mg/kg dry	0.126	12/13/07 14:47	MEM	SW 6010B
Zinc	**26.7**	QB-01, B	mg/kg dry	0.126	12/13/07 14:47	MEM	SW6010B
Benzene	<5.62		ug/kg dry	5.62	12/12/07 01:55	AR	SW 8260B
Bromobenzene	<11.2		ug/kg dry	11.2	12/12/07 01:55	AR	SW 8260B
Bromochloromethane	<5.62		ug/kg dry	5.62	12/12/07 01:55	AR	SW 8260B

SOUTH MALL ANALYTICAL LABS, INC.™

Lab ID Number: 0712079-06

Analyte	Results	Qual	Units	RL	Analyzed	By	Method
Bromodichloromethane	<28.1		ug/kg dry	28.1	12/12/07 01:55	AR	SW 8260B
Bromoform	<5.62		ug/kg dry	5.62	12/12/07 01:55	AR	SW 8260B
Bromomethane	<11.2		ug/kg dry	11.2	12/12/07 01:55	AR	SW 8260B
n-Butylbenzene	<5.62		ug/kg dry	5.62	12/12/07 01:55	AR	SW 8260B
sec-Butylbenzene	<5.62		ug/kg dry	5.62	12/12/07 01:55	AR	SW 8260B
tert-Butylbenzene	<5.62		ug/kg dry	5.62	12/12/07 01:55	AR	SW 8260B
Carbon Tetrachloride	<11.2		ug/kg dry	11.2	12/12/07 01:55	AR	SW 8260B
Chlorobenzene	<5.62		ug/kg dry	5.62	12/12/07 01:55	AR	SW 8260B
Chloroethane	<11.2		ug/kg dry	11.2	12/12/07 01:55	AR	SW 8260B
Chloroform	<5.62		ug/kg dry	5.62	12/12/07 01:55	AR	SW 8260B
Chloromethane	<11.2		ug/kg dry	11.2	12/12/07 01:55	AR	SW 8260B
2-Chlorotoluene	<11.2		ug/kg dry	11.2	12/12/07 01:55	AR	SW 8260B
4-Chlorotoluene	<11.2		ug/kg dry	11.2	12/12/07 01:55	AR	SW 8260B
Dibromochloromethane	<28.1		ug/kg dry	28.1	12/12/07 01:55	AR	SW 8260B
1,2-Dibromo-3-chloropropane	<11.2		ug/kg dry	11.2	12/12/07 01:55	AR	SW 8260B
1,2-Dibromoethane	<11.2		ug/kg dry	11.2	12/12/07 01:55	AR	SW 8260B
Dibromomethane	<5.62		ug/kg dry	5.62	12/12/07 01:55	AR	SW 8260B
1,2-Dichlorobenzene	<5.62		ug/kg dry	5.62	12/12/07 01:55	AR	SW 8260B
1,3-Dichlorobenzene	<11.2		ug/kg dry	11.2	12/12/07 01:55	AR	SW 8260B
1,4-Dichlorobenzene	<5.62		ug/kg dry	5.62	12/12/07 01:55	AR	SW 8260B
Dichlorodifluoromethane	<5.62		ug/kg dry	5.62	12/12/07 01:55	AR	SW 8260B
1,1-Dichloroethane	<11.2		ug/kg dry	11.2	12/12/07 01:55	AR	SW 8260B
1,2-Dichloroethane	<5.62		ug/kg dry	5.62	12/12/07 01:55	AR	SW 8260B
1,1-Dichloroethene	<5.62		ug/kg dry	5.62	12/12/07 01:55	AR	SW 8260B
cis-1,2-Dichloroethene	<5.62		ug/kg dry	5.62	12/12/07 01:55	AR	SW 8260B
trans-1,2-Dichloroethene	<5.62		ug/kg dry	5.62	12/12/07 01:55	AR	SW 8260B
1,2-Dichloropropane	<11.2		ug/kg dry	11.2	12/12/07 01:55	AR	SW 8260B
1,3-Dichloropropane	<5.62		ug/kg dry	5.62	12/12/07 01:55	AR	SW 8260B
2,2-Dichloropropane	<11.2		ug/kg dry	11.2	12/12/07 01:55	AR	SW 8260B
1,1-Dichloropropene	<11.2		ug/kg dry	11.2	12/12/07 01:55	AR	SW 8260B
cis-1,3-Dichloropropene	<5.62		ug/kg dry	5.62	12/12/07 01:55	AR	SW 8260B
trans-1,3-Dichloropropene	<5.62		ug/kg dry	5.62	12/12/07 01:55	AR	SW 8260B
Ethylbenzene	<11.2		ug/kg dry	11.2	12/12/07 01:55	AR	SW 8260B
Hexachlorobutadiene	<5.62		ug/kg dry	5.62	12/12/07 01:55	AR	SW 8260B
Isopropylbenzene	<11.2		ug/kg dry	11.2	12/12/07 01:55	AR	SW 8260B
4-Isopropyltoluene	<5.62		ug/kg dry	5.62	12/12/07 01:55	AR	SW 8260B
Methyl-tert-Butyl Ether	<5.62		ug/kg dry	5.62	12/12/07 01:55	AR	SW 8260B
Methylene Chloride	<56.2		ug/kg dry	56.2	12/12/07 01:55	AR	SW 8260B
Naphthalene	<28.1		ug/kg dry	28.1	12/12/07 01:55	AR	SW 8260B

SOUTH MALL ANALYTICAL LABS, INC.

Lab ID Number: 0712079-06

Analyte	Results	Qual	Units	RL	Analyzed	By	Method
n-Propylbenzene	<11.2		ug/kg dry	11.2	12/12/07 01:55	AR	SW 8260B
Styrene	<5.62		ug/kg dry	5.62	12/12/07 01:55	AR	SW 8260B
1,1,1,2-Tetrachloroethane	<5.62		ug/kg dry	5.62	12/12/07 01:55	AR	SW 8260B
1,1,2,2-Tetrachloroethane	<11.2		ug/kg dry	11.2	12/12/07 01:55	AR	SW 8260B
Tetrachloroethene	<5.62		ug/kg dry	5.62	12/12/07 01:55	AR	SW 8260B
Toluene	<5.62		ug/kg dry	5.62	12/12/07 01:55	AR	SW 8260B
1,2,3-Trichlorobenzene	<11.2		ug/kg dry	11.2	12/12/07 01:55	AR	SW 8260B
1,2,4-Trichlorobenzene	<5.62		ug/kg dry	5.62	12/12/07 01:55	AR	SW 8260B
1,1,1-Trichloroethane	<5.62		ug/kg dry	5.62	12/12/07 01:55	AR	SW 8260B
1,1,2-Trichloroethane	<11.2		ug/kg dry	11.2	12/12/07 01:55	AR	SW 8260B
Trichloroethene	<5.62		ug/kg dry	5.62	12/12/07 01:55	AR	SW 8260B
Trichlorofluoromethane	<5.62		ug/kg dry	5.62	12/12/07 01:55	AR	SW 8260B
1,2,3-Trichloropropane	<28.1		ug/kg dry	28.1	12/12/07 01:55	AR	SW 8260B
1,2,4-Trimethylbenzene	<5.62		ug/kg dry	5.62	12/12/07 01:55	AR	SW 8260B
1,3,5-Trimethylbenzene	<5.62		ug/kg dry	5.62	12/12/07 01:55	AR	SW 8260B
Vinyl chloride	<28.1		ug/kg dry	28.1	12/12/07 01:55	AR	SW 8260B
m,p-Xylenes	<11.2		ug/kg dry	11.2	12/12/07 01:55	AR	SW 8260B
o-Xylene	<5.62		ug/kg dry	5.62	12/12/07 01:55	AR	SW 8260B
Extracted 12/13/07 by Soxhlet Extraction for SW 8270C.							
Acenaphthene	<112		ug/kg dry	112	12/19/07 02:31	AR	SW 8270C
Acenaphthylene	<112		ug/kg dry	112	12/19/07 02:31	AR	SW 8270C
Anthracene	<225		ug/kg dry	225	12/19/07 02:31	AR	SW 8270C
Benzo (a) anthracene	<112		ug/kg dry	112	12/19/07 02:31	AR	SW 8270C
Benzo (a) pyrene	<112		ug/kg dry	112	12/19/07 02:31	AR	SW 8270C
Benzo (b) fluoranthene	<562		ug/kg dry	562	12/19/07 02:31	AR	SW 8270C
Benzo (g,h,i) perylene	<112		ug/kg dry	112	12/19/07 02:31	AR	SW 8270C
Benzo (k) fluoranthene	<225		ug/kg dry	225	12/19/07 02:31	AR	SW 8270C
4-Bromophenyl phenyl ether	<112		ug/kg dry	112	12/19/07 02:31	AR	SW 8270C
Butyl benzyl phthalate	<562		ug/kg dry	562	12/19/07 02:31	AR	SW 8270C
4-Chloroaniline	<562		ug/kg dry	562	12/19/07 02:31	AR	SW 8270C
Bis(2-chloroethoxy)methane	<225		ug/kg dry	225	12/19/07 02:31	AR	SW 8270C
Bis(2-chloroethyl)ether	<225		ug/kg dry	225	12/19/07 02:31	AR	SW 8270C
Bis(2-chloroisopropyl)ether	<225		ug/kg dry	225	12/19/07 02:31	AR	SW 8270C
2-Chloronaphthalene	<112		ug/kg dry	112	12/19/07 02:31	AR	SW 8270C
4-Chlorophenyl phenyl ether	<225		ug/kg dry	225	12/19/07 02:31	AR	SW 8270C
Chrysene	<225		ug/kg dry	225	12/19/07 02:31	AR	SW 8270C
Dibenz (a,h) anthracene	<225		ug/kg dry	225	12/19/07 02:31	AR	SW 8270C
Dibenzofuran	<562		ug/kg dry	562	12/19/07 02:31	AR	SW 8270C

SOUTH MALL ANALYTICAL LABS, INC.™

Lab ID Number: **0712079-06**

Analyte	Results	Qual	Units	RL	Analyzed	By	Method
Di-n-butyl phthalate	**988**	B	ug/kg dry	225	12/19/07 02:31	AR	SW 8270C
1,2-Dichlorobenzene	<112		ug/kg dry	112	12/19/07 02:31	AR	SW 8270C
1,4-Dichlorobenzene	<225		ug/kg dry	225	12/19/07 02:31	AR	SW 8270C
1,3-Dichlorobenzene	<225		ug/kg dry	225	12/19/07 02:31	AR	SW 8270C
3,3´-Dichlorobenzidine	<562		ug/kg dry	562	12/19/07 02:31	AR	SW 8270C
Diethyl phthalate	<225		ug/kg dry	225	12/19/07 02:31	AR	SW 8270C
Dimethyl phthalate	<112		ug/kg dry	112	12/19/07 02:31	AR	SW 8270C
2,4-Dinitrotoluene	<225		ug/kg dry	225	12/19/07 02:31	AR	SW 8270C
2,6-Dinitrotoluene	<225		ug/kg dry	225	12/19/07 02:31	AR	SW 8270C
Di-n-octyl phthalate	<562		ug/kg dry	562	12/19/07 02:31	AR	SW 8270C
Bis(2-ethylhexyl)phthalate	**409**	B	ug/kg dry	225	12/19/07 02:31	AR	SW 8270C
Fluoranthene	<112		ug/kg dry	112	12/19/07 02:31	AR	SW 8270C
Fluorene	<225		ug/kg dry	225	12/19/07 02:31	AR	SW 8270C
Hexachlorobenzene	<225		ug/kg dry	225	12/19/07 02:31	AR	SW 8270C
Hexachlorobutadiene	<225		ug/kg dry	225	12/19/07 02:31	AR	SW 8270C
Hexachlorocyclopentadiene	<1120		ug/kg dry	1120	12/19/07 02:31	AR	SW 8270C
Hexachloroethane	<225		ug/kg dry	225	12/19/07 02:31	AR	SW 8270C
Indeno (1,2,3-cd) pyrene	<225		ug/kg dry	225	12/19/07 02:31	AR	SW 8270C
Isophorone	<225		ug/kg dry	225	12/19/07 02:31	AR	SW 8270C
2-Methylnaphthalene	<112		ug/kg dry	112	12/19/07 02:31	AR	SW 8270C
Naphthalene	<112		ug/kg dry	112	12/19/07 02:31	AR	SW 8270C
3-Nitroaniline	<562		ug/kg dry	562	12/19/07 02:31	AR	SW 8270C
2-Nitroaniline	<562		ug/kg dry	562	12/19/07 02:31	AR	SW 8270C
4-Nitroaniline	<562		ug/kg dry	562	12/19/07 02:31	AR	SW 8270C
Nitrobenzene	<225		ug/kg dry	225	12/19/07 02:31	AR	SW 8270C
N-Nitrosodiphenylamine	<225		ug/kg dry	225	12/19/07 02:31	AR	SW 8270C
N-Nitrosodi-n-propylamine	<225		ug/kg dry	225	12/19/07 02:31	AR	SW 8270C
Phenanthrene	<225		ug/kg dry	225	12/19/07 02:31	AR	SW 8270C
Pyrene	<225		ug/kg dry	225	12/19/07 02:31	AR	SW 8270C
1,2,4-Trichlorobenzene	<112		ug/kg dry	112	12/19/07 02:31	AR	SW 8270C

SOUTH MALL ANALYTICAL LABS, INC.™

Lab ID Number: 0712079-06

Analyte	Results	Qual	Units	RL	Analyzed	By	Method
Extracted 12/13/07 by Soxhlet Extraction for SW 8081.							
alpha-BHC	<1.12		ug/kg dry	1.12	12/17/07 10:50	AR	SW 8081
alpha-Chlordane	<1.12		ug/kg dry	1.12	12/17/07 10:50	AR	SW 8081
beta-BHC	<1.12		ug/kg dry	1.12	12/17/07 10:50	AR	SW 8081
Aldrin	<1.12		ug/kg dry	1.12	12/17/07 10:50	AR	SW 8081
gamma-BHC (Lindane)	<1.12		ug/kg dry	1.12	12/17/07 10:50	AR	SW 8081
gamma-Chlordane	<1.12		ug/kg dry	1.12	12/17/07 10:50	AR	SW 8081
Heptachlor	<1.12		ug/kg dry	1.12	12/17/07 10:50	AR	SW 8081
Heptachlor epoxide	<1.12		ug/kg dry	1.12	12/17/07 10:50	AR	SW 8081
delta-BHC	<1.12		ug/kg dry	1.12	12/17/07 10:50	AR	SW 8081
Endosulfan I	<5.62		ug/kg dry	5.62	12/17/07 10:50	AR	SW 8081
Endosulfan II	<5.62		ug/kg dry	5.62	12/17/07 10:50	AR	SW 8081
Endosulfan sulfate	<5.62		ug/kg dry	5.62	12/17/07 10:50	AR	SW 8081
Endrin	<5.62		ug/kg dry	5.62	12/17/07 10:50	AR	SW 8081
Endrin aldehyde	<5.62		ug/kg dry	5.62	12/17/07 10:50	AR	SW 8081
Endrin ketone	<5.62		ug/kg dry	5.62	12/17/07 10:50	AR	SW 8081
4,4´-DDD	<5.62		ug/kg dry	5.62	12/17/07 10:50	AR	SW 8081
4,4´-DDE	<5.62		ug/kg dry	5.62	12/17/07 10:50	AR	SW 8081
4,4´-DDT	<5.62		ug/kg dry	5.62	12/17/07 10:50	AR	SW 8081
Methoxychlor	<11.2		ug/kg dry	11.2	12/17/07 10:50	AR	SW 8081
Dieldrin	<5.62		ug/kg dry	5.62	12/17/07 10:50	AR	SW 8081
Chlordane (technical)	<11.2		ug/kg dry	11.2	12/17/07 10:50	AR	SW 8081
Toxaphene	<11.2		ug/kg dry	11.2	12/17/07 10:50	AR	SW 8081
Extracted 12/13/07 by Soxhlet Extraction for SW 8082.							
Aroclor 1016	<45.0		ug/kg dry	45.0	12/17/07 10:42	AR	SW 8082
Aroclor 1221	<45.0		ug/kg dry	45.0	12/17/07 10:42	AR	SW 8082
Aroclor 1232	<45.0		ug/kg dry	45.0	12/17/07 10:42	AR	SW 8082
Aroclor 1242	<45.0		ug/kg dry	45.0	12/17/07 10:42	AR	SW 8082
Aroclor 1248	<45.0		ug/kg dry	45.0	12/17/07 10:42	AR	SW 8082
Aroclor 1254	<45.0		ug/kg dry	45.0	12/17/07 10:42	AR	SW 8082
Aroclor 1260	<45.0		ug/kg dry	45.0	12/17/07 10:42	AR	SW 8082

References & Qualifiers

EPA - 40 Code of Federal Regulations, Part 136, October 26, 1984.

SW - SW 846 3rd Edition.

SM - Standard Methods for the Examination of Water and Wastewater, 18th edition.

LT - Lachat Method Manual, "*Methods List for Automated Ion Analyzers*" ,February 2004

QM-07 - The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

QB-01 - The method blank contains analyte at a concentration above the MRL; however, concentration is less than 10% of the sample result, which is negligible according to method criteria.

B - Analyte is found in the associated blank as well as in the sample.

SOUTH MALL ANALYTICAL LABS, INC.™

26 NORTH MALL • PLAINVIEW, NY 11803
(516) 293-2191 • FAX (516) 293-3152
E-Mail: Info@SouthMallLabs.com
Website: www.SouthMallLabs.com

December 19, 2007

Analytical Results

Hydro Tech Environmental
2171 Jericho Turnpike Suite 345
Commack, NY 11725

Att: Xuan Xu

Sample Description: Soil - 225-227 Boeum Street, DRAFT: SP-3 (0'-2') - 12/10/07 08:00
Sample Collected By: Hydro Tech Environmental
Purchase Order: 2554
Date Samples Received: 12/11/07 08:30
Lab ID Number: 0712079-07 Sample

Analyte	Results	Qual	Units	RL	Analyzed	By	Method
Aluminum	<6160	QB-01	mg/kg dry	6160	12/17/07 13:07	MEM	SW 6010B
Antimony	**1.01**		mg/kg dry	0.462	12/13/07 14:52	MEM	SW 6010B
Arsenic	<0.256		mg/kg dry	0.256	12/13/07 14:52	MEM	SW 6010B
Barium	**237**		mg/kg dry	0.052	12/13/07 14:52	MEM	SW 6010B
Beryllium	**0.294**		mg/kg dry	0.052	12/13/07 14:52	MEM	SW 6010B
Cadmium	**1.96**		mg/kg dry	0.052	12/13/07 14:52	MEM	SW 6010B
Calcium	<15400	QB-01	mg/kg dry	15400	12/17/07 13:07	MEM	SW 6010B
Chromium	**14.1**		mg/kg dry	0.052	12/13/07 14:52	MEM	SW 6010B
Cobalt	**6.41**		mg/kg dry	0.052	12/13/07 14:52	MEM	SW 6010B
Copper	**20.9**		mg/kg dry	0.052	12/13/07 14:52	MEM	SW 6010B
Iron	**14100**	QB-01, B	mg/kg dry	2560	12/17/07 13:07	MEM	SW 6010B
Lead	**374**		mg/kg dry	0.770	12/13/07 14:52	MEM	SW 6010B
Manganese	**216**		mg/kg dry	0.052	12/13/07 14:52	MEM	SW 6010B
Magnesium	<3600	QB-01	mg/kg dry	3600	12/17/07 13:07	MEM	SW 6010B
Nickel	**22.8**		mg/kg dry	0.102	12/13/07 14:52	MEM	SW 6010B
Potassium	**267**	QB-01, B	mg/kg dry	0.514	12/13/07 14:52	MEM	SW 6010B
Selenium	<0.514		mg/kg dry	0.514	12/13/07 14:52	MEM	SW 6010B
Silver	<0.102		mg/kg dry	0.102	12/13/07 14:52	MEM	SW 6010B
Sodium	**18.1**	QB-01, B	mg/kg dry	0.514	12/13/07 14:52	MEM	SW 6010B
Thallium	<0.256		mg/kg dry	0.256	12/13/07 14:52	MEM	SW 6010B
Vanadium	**19.7**		mg/kg dry	0.102	12/13/07 14:52	MEM	SW 6010B
Zinc	**148**	QB-01, B	mg/kg dry	0.102	12/13/07 14:52	MEM	SW6010B
Benzene	<5.88		ug/kg dry	5.88	12/12/07 02:32	AR	SW 8260B
Bromobenzene	<11.8		ug/kg dry	11.8	12/12/07 02:32	AR	SW 8260B
Bromochloromethane	<5.88		ug/kg dry	5.88	12/12/07 02:32	AR	SW 8260B

SOUTH MALL ANALYTICAL LABS, INC.

Lab ID Number: 0712079-07

Analyte	Results	Qual	Units	RL	Analyzed	By	Method
Bromodichloromethane	<29.4		ug/kg dry	29.4	12/12/07 02:32	AR	SW 8260B
Bromoform	<5.88		ug/kg dry	5.88	12/12/07 02:32	AR	SW 8260B
Bromomethane	<11.8		ug/kg dry	11.8	12/12/07 02:32	AR	SW 8260B
n-Butylbenzene	<5.88		ug/kg dry	5.88	12/12/07 02:32	AR	SW 8260B
sec-Butylbenzene	<5.88		ug/kg dry	5.88	12/12/07 02:32	AR	SW 8260B
tert-Butylbenzene	<5.88		ug/kg dry	5.88	12/12/07 02:32	AR	SW 8260B
Carbon Tetrachloride	<11.8		ug/kg dry	11.8	12/12/07 02:32	AR	SW 8260B
Chlorobenzene	<5.88		ug/kg dry	5.88	12/12/07 02:32	AR	SW 8260B
Chloroethane	<11.8		ug/kg dry	11.8	12/12/07 02:32	AR	SW 8260B
Chloroform	<5.88		ug/kg dry	5.88	12/12/07 02:32	AR	SW 8260B
Chloromethane	<11.8		ug/kg dry	11.8	12/12/07 02:32	AR	SW 8260B
2-Chlorotoluene	<11.8		ug/kg dry	11.8	12/12/07 02:32	AR	SW 8260B
4-Chlorotoluene	<11.8		ug/kg dry	11.8	12/12/07 02:32	AR	SW 8260B
Dibromochloromethane	<29.4		ug/kg dry	29.4	12/12/07 02:32	AR	SW 8260B
1,2-Dibromo-3-chloropropane	<11.8		ug/kg dry	11.8	12/12/07 02:32	AR	SW 8260B
1,2-Dibromoethane	<11.8		ug/kg dry	11.8	12/12/07 02:32	AR	SW 8260B
Dibromomethane	<5.88		ug/kg dry	5.88	12/12/07 02:32	AR	SW 8260B
1,2-Dichlorobenzene	<5.88		ug/kg dry	5.88	12/12/07 02:32	AR	SW 8260B
1,3-Dichlorobenzene	<11.8		ug/kg dry	11.8	12/12/07 02:32	AR	SW 8260B
1,4-Dichlorobenzene	<5.88		ug/kg dry	5.88	12/12/07 02:32	AR	SW 8260B
Dichlorodifluoromethane	<5.88		ug/kg dry	5.88	12/12/07 02:32	AR	SW 8260B
1,1-Dichloroethane	<11.8		ug/kg dry	11.8	12/12/07 02:32	AR	SW 8260B
1,2-Dichloroethane	<5.88		ug/kg dry	5.88	12/12/07 02:32	AR	SW 8260B
1,1-Dichloroethene	<5.88		ug/kg dry	5.88	12/12/07 02:32	AR	SW 8260B
cis-1,2-Dichloroethene	<5.88		ug/kg dry	5.88	12/12/07 02:32	AR	SW 8260B
trans-1,2-Dichloroethene	<5.88		ug/kg dry	5.88	12/12/07 02:32	AR	SW 8260B
1,2-Dichloropropane	<11.8		ug/kg dry	11.8	12/12/07 02:32	AR	SW 8260B
1,3-Dichloropropane	<5.88		ug/kg dry	5.88	12/12/07 02:32	AR	SW 8260B
2,2-Dichloropropane	<11.8		ug/kg dry	11.8	12/12/07 02:32	AR	SW 8260B
1,1-Dichloropropene	<11.8		ug/kg dry	11.8	12/12/07 02:32	AR	SW 8260B
cis-1,3-Dichloropropene	<5.88		ug/kg dry	5.88	12/12/07 02:32	AR	SW 8260B
trans-1,3-Dichloropropene	<5.88		ug/kg dry	5.88	12/12/07 02:32	AR	SW 8260B
Ethylbenzene	<11.8		ug/kg dry	11.8	12/12/07 02:32	AR	SW 8260B
Hexachlorobutadiene	<5.88		ug/kg dry	5.88	12/12/07 02:32	AR	SW 8260B
Isopropylbenzene	<11.8		ug/kg dry	11.8	12/12/07 02:32	AR	SW 8260B
4-Isopropyltoluene	**25.3**		ug/kg dry	5.88	12/12/07 02:32	AR	SW 8260B
Methyl-tert-Butyl Ether	<5.88		ug/kg dry	5.88	12/12/07 02:32	AR	SW 8260B
Methylene Chloride	<58.8		ug/kg dry	58.8	12/12/07 02:32	AR	SW 8260B
Naphthalene	<29.4		ug/kg dry	29.4	12/12/07 02:32	AR	SW 8260B

SOUTH MALL ANALYTICAL LABS, INC.

Lab ID Number: 0712079-07

Analyte	Results	Qual	Units	RL	Analyzed	By	Method
n-Propylbenzene	<11.8		ug/kg dry	11.8	12/12/07 02:32	AR	SW 8260B
Styrene	<5.88		ug/kg dry	5.88	12/12/07 02:32	AR	SW 8260B
1,1,1,2-Tetrachloroethane	<5.88		ug/kg dry	5.88	12/12/07 02:32	AR	SW 8260B
1,1,2,2-Tetrachloroethane	<11.8		ug/kg dry	11.8	12/12/07 02:32	AR	SW 8260B
Tetrachloroethene	<5.88		ug/kg dry	5.88	12/12/07 02:32	AR	SW 8260B
Toluene	<5.88		ug/kg dry	5.88	12/12/07 02:32	AR	SW 8260B
1,2,3-Trichlorobenzene	<11.8		ug/kg dry	11.8	12/12/07 02:32	AR	SW 8260B
1,2,4-Trichlorobenzene	<5.88		ug/kg dry	5.88	12/12/07 02:32	AR	SW 8260B
1,1,1-Trichloroethane	<5.88		ug/kg dry	5.88	12/12/07 02:32	AR	SW 8260B
1,1,2-Trichloroethane	<11.8		ug/kg dry	11.8	12/12/07 02:32	AR	SW 8260B
Trichloroethene	<5.88		ug/kg dry	5.88	12/12/07 02:32	AR	SW 8260B
Trichlorofluoromethane	<5.88		ug/kg dry	5.88	12/12/07 02:32	AR	SW 8260B
1,2,3-Trichloropropane	<29.4		ug/kg dry	29.4	12/12/07 02:32	AR	SW 8260B
1,2,4-Trimethylbenzene	<5.88		ug/kg dry	5.88	12/12/07 02:32	AR	SW 8260B
1,3,5-Trimethylbenzene	<5.88		ug/kg dry	5.88	12/12/07 02:32	AR	SW 8260B
Vinyl chloride	<29.4		ug/kg dry	29.4	12/12/07 02:32	AR	SW 8260B
m,p-Xylenes	<11.8		ug/kg dry	11.8	12/12/07 02:32	AR	SW 8260B
o-Xylene	<5.88		ug/kg dry	5.88	12/12/07 02:32	AR	SW 8260B
Extracted 12/13/07 by Soxhlet Extraction for SW 8270C.							
Acenaphthene	<118		ug/kg dry	118	12/19/07 03:20	AR	SW 8270C
Acenaphthylene	**136**		ug/kg dry	118	12/19/07 03:20	AR	SW 8270C
Anthracene	<235		ug/kg dry	235	12/19/07 03:20	AR	SW 8270C
Benzo (a) anthracene	**542**		ug/kg dry	118	12/19/07 03:20	AR	SW 8270C
Benzo (a) pyrene	**518**		ug/kg dry	118	12/19/07 03:20	AR	SW 8270C
Benzo (b) fluoranthene	<588		ug/kg dry	588	12/19/07 03:20	AR	SW 8270C
Benzo (g,h,i) perylene	**506**		ug/kg dry	118	12/19/07 03:20	AR	SW 8270C
Benzo (k) fluoranthene	<235		ug/kg dry	235	12/19/07 03:20	AR	SW 8270C
4-Bromophenyl phenyl ether	<118		ug/kg dry	118	12/19/07 03:20	AR	SW 8270C
Butyl benzyl phthalate	<588		ug/kg dry	588	12/19/07 03:20	AR	SW 8270C
4-Chloroaniline	<588		ug/kg dry	588	12/19/07 03:20	AR	SW 8270C
Bis(2-chloroethoxy)methane	<235		ug/kg dry	235	12/19/07 03:20	AR	SW 8270C
Bis(2-chloroethyl)ether	<235		ug/kg dry	235	12/19/07 03:20	AR	SW 8270C
Bis(2-chloroisopropyl)ether	<235		ug/kg dry	235	12/19/07 03:20	AR	SW 8270C
2-Chloronaphthalene	<118		ug/kg dry	118	12/19/07 03:20	AR	SW 8270C
4-Chlorophenyl phenyl ether	<235		ug/kg dry	235	12/19/07 03:20	AR	SW 8270C
Chrysene	**568**		ug/kg dry	235	12/19/07 03:20	AR	SW 8270C
Dibenz (a,h) anthracene	<235		ug/kg dry	235	12/19/07 03:20	AR	SW 8270C
Dibenzofuran	<588		ug/kg dry	588	12/19/07 03:20	AR	SW 8270C

SOUTH MALL ANALYTICAL LABS, INC.™

Lab ID Number: **0712079-07**

Analyte	Results	Qual	Units	RL	Analyzed	By	Method
Di-n-butyl phthalate	**1010**	B	ug/kg dry	235	12/19/07 03:20	AR	SW 8270C
1,2-Dichlorobenzene	<118		ug/kg dry	118	12/19/07 03:20	AR	SW 8270C
1,4-Dichlorobenzene	<235		ug/kg dry	235	12/19/07 03:20	AR	SW 8270C
1,3-Dichlorobenzene	<235		ug/kg dry	235	12/19/07 03:20	AR	SW 8270C
3,3´-Dichlorobenzidine	<588		ug/kg dry	588	12/19/07 03:20	AR	SW 8270C
Diethyl phthalate	<235		ug/kg dry	235	12/19/07 03:20	AR	SW 8270C
Dimethyl phthalate	<118		ug/kg dry	118	12/19/07 03:20	AR	SW 8270C
2,4-Dinitrotoluene	<235		ug/kg dry	235	12/19/07 03:20	AR	SW 8270C
2,6-Dinitrotoluene	<235		ug/kg dry	235	12/19/07 03:20	AR	SW 8270C
Di-n-octyl phthalate	<588		ug/kg dry	588	12/19/07 03:20	AR	SW 8270C
Bis(2-ethylhexyl)phthalate	**482**	B	ug/kg dry	235	12/19/07 03:20	AR	SW 8270C
Fluoranthene	**1260**		ug/kg dry	118	12/19/07 03:20	AR	SW 8270C
Fluorene	<235		ug/kg dry	235	12/19/07 03:20	AR	SW 8270C
Hexachlorobenzene	<235		ug/kg dry	235	12/19/07 03:20	AR	SW 8270C
Hexachlorobutadiene	<235		ug/kg dry	235	12/19/07 03:20	AR	SW 8270C
Hexachlorocyclopentadiene	<1180		ug/kg dry	1180	12/19/07 03:20	AR	SW 8270C
Hexachloroethane	<235		ug/kg dry	235	12/19/07 03:20	AR	SW 8270C
Indeno (1,2,3-cd) pyrene	**445**		ug/kg dry	235	12/19/07 03:20	AR	SW 8270C
Isophorone	<235		ug/kg dry	235	12/19/07 03:20	AR	SW 8270C
2-Methylnaphthalene	<118		ug/kg dry	118	12/19/07 03:20	AR	SW 8270C
Naphthalene	<118		ug/kg dry	118	12/19/07 03:20	AR	SW 8270C
3-Nitroaniline	<588		ug/kg dry	588	12/19/07 03:20	AR	SW 8270C
2-Nitroaniline	<588		ug/kg dry	588	12/19/07 03:20	AR	SW 8270C
4-Nitroaniline	<588		ug/kg dry	588	12/19/07 03:20	AR	SW 8270C
Nitrobenzene	<235		ug/kg dry	235	12/19/07 03:20	AR	SW 8270C
N-Nitrosodiphenylamine	<235		ug/kg dry	235	12/19/07 03:20	AR	SW 8270C
N-Nitrosodi-n-propylamine	<235		ug/kg dry	235	12/19/07 03:20	AR	SW 8270C
Phenanthrene	**492**		ug/kg dry	235	12/19/07 03:20	AR	SW 8270C
Pyrene	**749**		ug/kg dry	235	12/19/07 03:20	AR	SW 8270C
1,2,4-Trichlorobenzene	<118		ug/kg dry	118	12/19/07 03:20	AR	SW 8270C

SOUTH MALL ANALYTICAL LABS, INC.™

Lab ID Number: 0712079-07

Analyte	Results	Qual	Units	RL	Analyzed	By	Method
Extracted 12/13/07 by Soxhlet Extraction for SW 8081.							
alpha-BHC	<1.18		ug/kg dry	1.18	12/17/07 10:50	AR	SW 8081
alpha-Chlordane	<1.18		ug/kg dry	1.18	12/17/07 10:50	AR	SW 8081
beta-BHC	<1.18		ug/kg dry	1.18	12/17/07 10:50	AR	SW 8081
Aldrin	<1.18		ug/kg dry	1.18	12/17/07 10:50	AR	SW 8081
gamma-BHC (Lindane)	<1.18		ug/kg dry	1.18	12/17/07 10:50	AR	SW 8081
gamma-Chlordane	<1.18		ug/kg dry	1.18	12/17/07 10:50	AR	SW 8081
Heptachlor	<1.18		ug/kg dry	1.18	12/17/07 10:50	AR	SW 8081
Heptachlor epoxide	<1.18		ug/kg dry	1.18	12/17/07 10:50	AR	SW 8081
delta-BHC	<1.18		ug/kg dry	1.18	12/17/07 10:50	AR	SW 8081
Endosulfan I	<5.88		ug/kg dry	5.88	12/17/07 10:50	AR	SW 8081
Endosulfan II	<5.88		ug/kg dry	5.88	12/17/07 10:50	AR	SW 8081
Endosulfan sulfate	<5.88		ug/kg dry	5.88	12/17/07 10:50	AR	SW 8081
Endrin	<5.88		ug/kg dry	5.88	12/17/07 10:50	AR	SW 8081
Endrin aldehyde	<5.88		ug/kg dry	5.88	12/17/07 10:50	AR	SW 8081
Endrin ketone	<5.88		ug/kg dry	5.88	12/17/07 10:50	AR	SW 8081
4,4´-DDD	<5.88		ug/kg dry	5.88	12/17/07 10:50	AR	SW 8081
4,4´-DDE	<5.88		ug/kg dry	5.88	12/17/07 10:50	AR	SW 8081
4,4´-DDT	<5.88		ug/kg dry	5.88	12/17/07 10:50	AR	SW 8081
Methoxychlor	<11.8		ug/kg dry	11.8	12/17/07 10:50	AR	SW 8081
Dieldrin	<5.88		ug/kg dry	5.88	12/17/07 10:50	AR	SW 8081
Chlordane (technical)	<11.8		ug/kg dry	11.8	12/17/07 10:50	AR	SW 8081
Toxaphene	<11.8		ug/kg dry	11.8	12/17/07 10:50	AR	SW 8081
Extracted 12/13/07 by Soxhlet Extraction for SW 8082.							
Aroclor 1016	<47.0		ug/kg dry	47.0	12/17/07 10:42	AR	SW 8082
Aroclor 1221	<47.0		ug/kg dry	47.0	12/17/07 10:42	AR	SW 8082
Aroclor 1232	<47.0		ug/kg dry	47.0	12/17/07 10:42	AR	SW 8082
Aroclor 1242	<47.0		ug/kg dry	47.0	12/17/07 10:42	AR	SW 8082
Aroclor 1248	<47.0		ug/kg dry	47.0	12/17/07 10:42	AR	SW 8082
Aroclor 1254	<47.0		ug/kg dry	47.0	12/17/07 10:42	AR	SW 8082
Aroclor 1260	<47.0		ug/kg dry	47.0	12/17/07 10:42	AR	SW 8082

References & Qualifiers

EPA - 40 Code of Federal Regulations, Part 136, October 26, 1984.

SW - SW 846 3rd Edition.

SM - Standard Methods for the Examination of Water and Wastewater, 18th edition.

LT - Lachat Method Manual, "*Methods List for Automated Ion Analyzers*" ,February 2004

QM-07 - The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

QB-01 - The method blank contains analyte at a concentration above the MRL; however, concentration is less than 10% of the sample result, which is negligible according to method criteria.

B - Analyte is found in the associated blank as well as in the sample.

SOUTH MALL ANALYTICAL LABS, INC.™

26 NORTH MALL • PLAINVIEW, NY 11803
(516) 293-2191 • FAX (516) 293-3152
E-Mail: Info@SouthMallLabs.com
Website: www.SouthMallLabs.com

December 19, 2007

Analytical Results

Hydro Tech Environmental
2171 Jericho Turnpike Suite 345
Commack, NY 11725

Att: Xuan Xu

Sample Description: Soil - 225-227 Boeum Street, DRAFT: SP-3 (6'-8') - 12/10/07 08:00
Sample Collected By: Hydro Tech Environmental
Purchase Order: 2554
Date Samples Received: 12/11/07 08:30
Lab ID Number: 0712079-08 Sample

Analyte	Results	Qual	Units	RL	Analyzed	By	Method
Aluminum	<8950	QB-01	mg/kg dry	8950	12/17/07 13:12	MEM	SW 6010B
Antimony	**1.15**		mg/kg dry	0.670	12/13/07 14:54	MEM	SW 6010B
Arsenic	<0.372		mg/kg dry	0.372	12/13/07 14:54	MEM	SW 6010B
Barium	**249**		mg/kg dry	0.074	12/13/07 14:54	MEM	SW 6010B
Beryllium	**0.317**		mg/kg dry	0.074	12/13/07 14:54	MEM	SW 6010B
Cadmium	**2.56**		mg/kg dry	0.074	12/13/07 14:54	MEM	SW 6010B
Calcium	<22300	QB-01	mg/kg dry	22300	12/17/07 13:12	MEM	SW 6010B
Chromium	**15.2**		mg/kg dry	0.074	12/13/07 14:54	MEM	SW 6010B
Cobalt	**6.42**		mg/kg dry	0.074	12/13/07 14:54	MEM	SW 6010B
Copper	**16.2**		mg/kg dry	0.074	12/13/07 14:54	MEM	SW 6010B
Iron	**19400**	QB-01, B	mg/kg dry	3720	12/17/07 13:12	MEM	SW 6010B
Lead	**421**		mg/kg dry	1.12	12/13/07 14:54	MEM	SW 6010B
Manganese	**229**		mg/kg dry	0.074	12/13/07 14:54	MEM	SW 6010B
Magnesium	<5210	QB-01	mg/kg dry	5210	12/17/07 13:12	MEM	SW 6010B
Nickel	**10.5**		mg/kg dry	0.149	12/13/07 14:54	MEM	SW 6010B
Potassium	**551**	QB-01, B	mg/kg dry	0.746	12/13/07 14:54	MEM	SW 6010B
Selenium	<0.746		mg/kg dry	0.746	12/13/07 14:54	MEM	SW 6010B
Silver	<0.149		mg/kg dry	0.149	12/13/07 14:54	MEM	SW 6010B
Sodium	**84.5**	QB-01, B	mg/kg dry	0.746	12/13/07 14:54	MEM	SW 6010B
Thallium	<0.372		mg/kg dry	0.372	12/13/07 14:54	MEM	SW 6010B
Vanadium	**25.3**		mg/kg dry	0.149	12/13/07 14:54	MEM	SW 6010B
Zinc	**160**	QB-01, B	mg/kg dry	0.149	12/13/07 14:54	MEM	SW6010B
Benzene	<6.11		ug/kg dry	6.11	12/12/07 03:08	AR	SW 8260B
Bromobenzene	<12.2		ug/kg dry	12.2	12/12/07 03:08	AR	SW 8260B
Bromochloromethane	<6.11		ug/kg dry	6.11	12/12/07 03:08	AR	SW 8260B

SOUTH MALL ANALYTICAL LABS, INC.™

Lab ID Number: 0712079-08

Analyte	Results	Qual	Units	RL	Analyzed	By	Method
Bromodichloromethane	<30.5		ug/kg dry	30.5	12/12/07 03:08	AR	SW 8260B
Bromoform	<6.11		ug/kg dry	6.11	12/12/07 03:08	AR	SW 8260B
Bromomethane	<12.2		ug/kg dry	12.2	12/12/07 03:08	AR	SW 8260B
n-Butylbenzene	<6.11		ug/kg dry	6.11	12/12/07 03:08	AR	SW 8260B
sec-Butylbenzene	<6.11		ug/kg dry	6.11	12/12/07 03:08	AR	SW 8260B
tert-Butylbenzene	<6.11		ug/kg dry	6.11	12/12/07 03:08	AR	SW 8260B
Carbon Tetrachloride	<12.2		ug/kg dry	12.2	12/12/07 03:08	AR	SW 8260B
Chlorobenzene	<6.11		ug/kg dry	6.11	12/12/07 03:08	AR	SW 8260B
Chloroethane	<12.2		ug/kg dry	12.2	12/12/07 03:08	AR	SW 8260B
Chloroform	<6.11		ug/kg dry	6.11	12/12/07 03:08	AR	SW 8260B
Chloromethane	<12.2		ug/kg dry	12.2	12/12/07 03:08	AR	SW 8260B
2-Chlorotoluene	<12.2		ug/kg dry	12.2	12/12/07 03:08	AR	SW 8260B
4-Chlorotoluene	<12.2		ug/kg dry	12.2	12/12/07 03:08	AR	SW 8260B
Dibromochloromethane	<30.5		ug/kg dry	30.5	12/12/07 03:08	AR	SW 8260B
1,2-Dibromo-3-chloropropane	<12.2		ug/kg dry	12.2	12/12/07 03:08	AR	SW 8260B
1,2-Dibromoethane	<12.2		ug/kg dry	12.2	12/12/07 03:08	AR	SW 8260B
Dibromomethane	<6.11		ug/kg dry	6.11	12/12/07 03:08	AR	SW 8260B
1,2-Dichlorobenzene	<6.11		ug/kg dry	6.11	12/12/07 03:08	AR	SW 8260B
1,3-Dichlorobenzene	<12.2		ug/kg dry	12.2	12/12/07 03:08	AR	SW 8260B
1,4-Dichlorobenzene	<6.11		ug/kg dry	6.11	12/12/07 03:08	AR	SW 8260B
Dichlorodifluoromethane	<6.11		ug/kg dry	6.11	12/12/07 03:08	AR	SW 8260B
1,1-Dichloroethane	<12.2		ug/kg dry	12.2	12/12/07 03:08	AR	SW 8260B
1,2-Dichloroethane	<6.11		ug/kg dry	6.11	12/12/07 03:08	AR	SW 8260B
1,1-Dichloroethene	<6.11		ug/kg dry	6.11	12/12/07 03:08	AR	SW 8260B
cis-1,2-Dichloroethene	<6.11		ug/kg dry	6.11	12/12/07 03:08	AR	SW 8260B
trans-1,2-Dichloroethene	<6.11		ug/kg dry	6.11	12/12/07 03:08	AR	SW 8260B
1,2-Dichloropropane	<12.2		ug/kg dry	12.2	12/12/07 03:08	AR	SW 8260B
1,3-Dichloropropane	<6.11		ug/kg dry	6.11	12/12/07 03:08	AR	SW 8260B
2,2-Dichloropropane	<12.2		ug/kg dry	12.2	12/12/07 03:08	AR	SW 8260B
1,1-Dichloropropene	<12.2		ug/kg dry	12.2	12/12/07 03:08	AR	SW 8260B
cis-1,3-Dichloropropene	<6.11		ug/kg dry	6.11	12/12/07 03:08	AR	SW 8260B
trans-1,3-Dichloropropene	<6.11		ug/kg dry	6.11	12/12/07 03:08	AR	SW 8260B
Ethylbenzene	<12.2		ug/kg dry	12.2	12/12/07 03:08	AR	SW 8260B
Hexachlorobutadiene	<6.11		ug/kg dry	6.11	12/12/07 03:08	AR	SW 8260B
Isopropylbenzene	<12.2		ug/kg dry	12.2	12/12/07 03:08	AR	SW 8260B
4-Isopropyltoluene	<6.11		ug/kg dry	6.11	12/12/07 03:08	AR	SW 8260B
Methyl-tert-Butyl Ether	<6.11		ug/kg dry	6.11	12/12/07 03:08	AR	SW 8260B
Methylene Chloride	<61.1		ug/kg dry	61.1	12/12/07 03:08	AR	SW 8260B
Naphthalene	<30.5		ug/kg dry	30.5	12/12/07 03:08	AR	SW 8260B

SOUTH MALL ANALYTICAL LABS, INC.™

Lab ID Number: **0712079-08**

Analyte	Results	Qual	Units	RL	Analyzed	By	Method
n-Propylbenzene	<12.2		ug/kg dry	12.2	12/12/07 03:08	AR	SW 8260B
Styrene	<6.11		ug/kg dry	6.11	12/12/07 03:08	AR	SW 8260B
1,1,1,2-Tetrachloroethane	<6.11		ug/kg dry	6.11	12/12/07 03:08	AR	SW 8260B
1,1,2,2-Tetrachloroethane	<12.2		ug/kg dry	12.2	12/12/07 03:08	AR	SW 8260B
Tetrachloroethene	<6.11		ug/kg dry	6.11	12/12/07 03:08	AR	SW 8260B
Toluene	<6.11		ug/kg dry	6.11	12/12/07 03:08	AR	SW 8260B
1,2,3-Trichlorobenzene	<12.2		ug/kg dry	12.2	12/12/07 03:08	AR	SW 8260B
1,2,4-Trichlorobenzene	<6.11		ug/kg dry	6.11	12/12/07 03:08	AR	SW 8260B
1,1,1-Trichloroethane	<6.11		ug/kg dry	6.11	12/12/07 03:08	AR	SW 8260B
1,1,2-Trichloroethane	<12.2		ug/kg dry	12.2	12/12/07 03:08	AR	SW 8260B
Trichloroethene	<6.11		ug/kg dry	6.11	12/12/07 03:08	AR	SW 8260B
Trichlorofluoromethane	<6.11		ug/kg dry	6.11	12/12/07 03:08	AR	SW 8260B
1,2,3-Trichloropropane	<30.5		ug/kg dry	30.5	12/12/07 03:08	AR	SW 8260B
1,2,4-Trimethylbenzene	<6.11		ug/kg dry	6.11	12/12/07 03:08	AR	SW 8260B
1,3,5-Trimethylbenzene	<6.11		ug/kg dry	6.11	12/12/07 03:08	AR	SW 8260B
Vinyl chloride	<30.5		ug/kg dry	30.5	12/12/07 03:08	AR	SW 8260B
m,p-Xylenes	<12.2		ug/kg dry	12.2	12/12/07 03:08	AR	SW 8260B
o-Xylene	<6.11		ug/kg dry	6.11	12/12/07 03:08	AR	SW 8260B
Extracted 12/13/07 by Soxhlet Extraction for SW 8270C.							
Acenaphthene	<122		ug/kg dry	122	12/19/07 04:10	AR	SW 8270C
Acenaphthylene	<122		ug/kg dry	122	12/19/07 04:10	AR	SW 8270C
Anthracene	**310**		ug/kg dry	244	12/19/07 04:10	AR	SW 8270C
Benzo (a) anthracene	**1080**		ug/kg dry	122	12/19/07 04:10	AR	SW 8270C
Benzo (a) pyrene	**845**		ug/kg dry	122	12/19/07 04:10	AR	SW 8270C
Benzo (b) fluoranthene	**1170**		ug/kg dry	611	12/19/07 04:10	AR	SW 8270C
Benzo (g,h,i) perylene	**747**		ug/kg dry	122	12/19/07 04:10	AR	SW 8270C
Benzo (k) fluoranthene	**333**		ug/kg dry	244	12/19/07 04:10	AR	SW 8270C
4-Bromophenyl phenyl ether	<122		ug/kg dry	122	12/19/07 04:10	AR	SW 8270C
Butyl benzyl phthalate	<611		ug/kg dry	611	12/19/07 04:10	AR	SW 8270C
4-Chloroaniline	<611		ug/kg dry	611	12/19/07 04:10	AR	SW 8270C
Bis(2-chloroethoxy)methane	<244		ug/kg dry	244	12/19/07 04:10	AR	SW 8270C
Bis(2-chloroethyl)ether	<244		ug/kg dry	244	12/19/07 04:10	AR	SW 8270C
Bis(2-chloroisopropyl)ether	<244		ug/kg dry	244	12/19/07 04:10	AR	SW 8270C
2-Chloronaphthalene	<122		ug/kg dry	122	12/19/07 04:10	AR	SW 8270C
4-Chlorophenyl phenyl ether	<244		ug/kg dry	244	12/19/07 04:10	AR	SW 8270C
Chrysene	**1090**		ug/kg dry	244	12/19/07 04:10	AR	SW 8270C
Dibenz (a,h) anthracene	<244		ug/kg dry	244	12/19/07 04:10	AR	SW 8270C
Dibenzofuran	<611		ug/kg dry	611	12/19/07 04:10	AR	SW 8270C

SOUTH MALL ANALYTICAL LABS, INC.™

Lab ID Number: **0712079-08**

Analyte	Results	Qual	Units	RL	Analyzed	By	Method
Di-n-butyl phthalate	**1120**	B	ug/kg dry	244	12/19/07 04:10	AR	SW 8270C
1,2-Dichlorobenzene	<122		ug/kg dry	122	12/19/07 04:10	AR	SW 8270C
1,4-Dichlorobenzene	<244		ug/kg dry	244	12/19/07 04:10	AR	SW 8270C
1,3-Dichlorobenzene	<244		ug/kg dry	244	12/19/07 04:10	AR	SW 8270C
3,3´-Dichlorobenzidine	<611		ug/kg dry	611	12/19/07 04:10	AR	SW 8270C
Diethyl phthalate	<244		ug/kg dry	244	12/19/07 04:10	AR	SW 8270C
Dimethyl phthalate	<122		ug/kg dry	122	12/19/07 04:10	AR	SW 8270C
2,4-Dinitrotoluene	<244		ug/kg dry	244	12/19/07 04:10	AR	SW 8270C
2,6-Dinitrotoluene	<244		ug/kg dry	244	12/19/07 04:10	AR	SW 8270C
Di-n-octyl phthalate	<611		ug/kg dry	611	12/19/07 04:10	AR	SW 8270C
Bis(2-ethylhexyl)phthalate	**502**	B	ug/kg dry	244	12/19/07 04:10	AR	SW 8270C
Fluoranthene	**2980**		ug/kg dry	122	12/19/07 04:10	AR	SW 8270C
Fluorene	<244		ug/kg dry	244	12/19/07 04:10	AR	SW 8270C
Hexachlorobenzene	<244		ug/kg dry	244	12/19/07 04:10	AR	SW 8270C
Hexachlorobutadiene	<244		ug/kg dry	244	12/19/07 04:10	AR	SW 8270C
Hexachlorocyclopentadiene	<1220		ug/kg dry	1220	12/19/07 04:10	AR	SW 8270C
Hexachloroethane	<244		ug/kg dry	244	12/19/07 04:10	AR	SW 8270C
Indeno (1,2,3-cd) pyrene	**684**		ug/kg dry	244	12/19/07 04:10	AR	SW 8270C
Isophorone	<244		ug/kg dry	244	12/19/07 04:10	AR	SW 8270C
2-Methylnaphthalene	<122		ug/kg dry	122	12/19/07 04:10	AR	SW 8270C
Naphthalene	<122		ug/kg dry	122	12/19/07 04:10	AR	SW 8270C
3-Nitroaniline	<611		ug/kg dry	611	12/19/07 04:10	AR	SW 8270C
2-Nitroaniline	<611		ug/kg dry	611	12/19/07 04:10	AR	SW 8270C
4-Nitroaniline	<611		ug/kg dry	611	12/19/07 04:10	AR	SW 8270C
Nitrobenzene	<244		ug/kg dry	244	12/19/07 04:10	AR	SW 8270C
N-Nitrosodiphenylamine	<244		ug/kg dry	244	12/19/07 04:10	AR	SW 8270C
N-Nitrosodi-n-propylamine	<244		ug/kg dry	244	12/19/07 04:10	AR	SW 8270C
Phenanthrene	**1330**		ug/kg dry	244	12/19/07 04:10	AR	SW 8270C
Pyrene	**1640**		ug/kg dry	244	12/19/07 04:10	AR	SW 8270C
1,2,4-Trichlorobenzene	<122		ug/kg dry	122	12/19/07 04:10	AR	SW 8270C

SOUTH MALL ANALYTICAL LABS, INC.™

Lab ID Number: **0712079-08**

Analyte	Results	Qual	Units	RL	Analyzed	By	Method
Extracted 12/13/07 by Soxhlet Extraction for SW 8081.							
alpha-BHC	<1.22		ug/kg dry	1.22	12/17/07 10:50	AR	SW 8081
alpha-Chlordane	<1.22		ug/kg dry	1.22	12/17/07 10:50	AR	SW 8081
beta-BHC	<1.22		ug/kg dry	1.22	12/17/07 10:50	AR	SW 8081
Aldrin	<1.22		ug/kg dry	1.22	12/17/07 10:50	AR	SW 8081
gamma-BHC (Lindane)	<1.22		ug/kg dry	1.22	12/17/07 10:50	AR	SW 8081
gamma-Chlordane	<1.22		ug/kg dry	1.22	12/17/07 10:50	AR	SW 8081
Heptachlor	<1.22		ug/kg dry	1.22	12/17/07 10:50	AR	SW 8081
Heptachlor epoxide	<1.22		ug/kg dry	1.22	12/17/07 10:50	AR	SW 8081
delta-BHC	<1.22		ug/kg dry	1.22	12/17/07 10:50	AR	SW 8081
Endosulfan I	<6.11		ug/kg dry	6.11	12/17/07 10:50	AR	SW 8081
Endosulfan II	<6.11		ug/kg dry	6.11	12/17/07 10:50	AR	SW 8081
Endosulfan sulfate	<6.11		ug/kg dry	6.11	12/17/07 10:50	AR	SW 8081
Endrin	<6.11		ug/kg dry	6.11	12/17/07 10:50	AR	SW 8081
Endrin aldehyde	<6.11		ug/kg dry	6.11	12/17/07 10:50	AR	SW 8081
Endrin ketone	<6.11		ug/kg dry	6.11	12/17/07 10:50	AR	SW 8081
4,4´-DDD	<6.11		ug/kg dry	6.11	12/17/07 10:50	AR	SW 8081
4,4´-DDE	<6.11		ug/kg dry	6.11	12/17/07 10:50	AR	SW 8081
4,4´-DDT	**45.4**		ug/kg dry	6.11	12/17/07 10:50	AR	SW 8081
Methoxychlor	<12.2		ug/kg dry	12.2	12/17/07 10:50	AR	SW 8081
Dieldrin	<6.11		ug/kg dry	6.11	12/17/07 10:50	AR	SW 8081
Chlordane (technical)	<12.2		ug/kg dry	12.2	12/17/07 10:50	AR	SW 8081
Toxaphene	<12.2		ug/kg dry	12.2	12/17/07 10:50	AR	SW 8081
Extracted 12/13/07 by Soxhlet Extraction for SW 8082.							
Aroclor 1016	<48.8		ug/kg dry	48.8	12/17/07 10:42	AR	SW 8082
Aroclor 1221	<48.8		ug/kg dry	48.8	12/17/07 10:42	AR	SW 8082
Aroclor 1232	<48.8		ug/kg dry	48.8	12/17/07 10:42	AR	SW 8082
Aroclor 1242	<48.8		ug/kg dry	48.8	12/17/07 10:42	AR	SW 8082
Aroclor 1248	<48.8		ug/kg dry	48.8	12/17/07 10:42	AR	SW 8082
Aroclor 1254	<48.8		ug/kg dry	48.8	12/17/07 10:42	AR	SW 8082
Aroclor 1260	<48.8		ug/kg dry	48.8	12/17/07 10:42	AR	SW 8082

References & Qualifiers

EPA - 40 Code of Federal Regulations, Part 136, October 26, 1984.

SW - SW 846 3rd Edition.

SM - Standard Methods for the Examination of Water and Wastewater, 18th edition.

LT - Lachat Method Manual, "*Methods List for Automated Ion Analyzers*" ,February 2004

QM-07 - The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

QB-01 - The method blank contains analyte at a concentration above the MRL; however, concentration is less than 10% of the sample result, which is negligible according to method criteria.

B - Analyte is found in the associated blank as well as in the sample.

SOUTH MALL ANALYTICAL LABS, INC.™

26 NORTH MALL • PLAINVIEW, NY 11803
(516) 293-2191 • FAX (516) 293-3152
E-Mail: Info@SouthMallLabs.com
Website: www.SouthMallLabs.com

December 19, 2007

Analytical Results

Hydro Tech Environmental
2171 Jericho Turnpike Suite 345
Commack, NY 11725

Att: Xuan Xu

Sample Description: Soil - 225-227 Boeum Street, DRAFT: SP-4 (0'-2') - 12/10/07 08:00
Sample Collected By: Hydro Tech Environmental
Purchase Order: 2554
Date Samples Received: 12/11/07 08:30
Lab ID Number: 0712079-09 Sample

Analyte	Results	Qual	Units	RL	Analyzed	By	Method
Aluminum	**8160**	QB-01, B	mg/kg dry	6080	12/17/07 13:15	MEM	SW 6010B
Antimony	**1.71**		mg/kg dry	0.456	12/13/07 14:57	MEM	SW 6010B
Arsenic	**0.408**		mg/kg dry	0.254	12/13/07 14:57	MEM	SW 6010B
Barium	**454**		mg/kg dry	0.050	12/13/07 14:57	MEM	SW 6010B
Beryllium	**0.383**		mg/kg dry	0.050	12/13/07 14:57	MEM	SW 6010B
Cadmium	**3.24**		mg/kg dry	0.050	12/13/07 14:57	MEM	SW 6010B
Calcium	**22900**	QB-01, B	mg/kg dry	15200	12/17/07 13:15	MEM	SW 6010B
Chromium	**20.8**		mg/kg dry	0.050	12/13/07 14:57	MEM	SW 6010B
Cobalt	**7.68**		mg/kg dry	0.050	12/13/07 14:57	MEM	SW 6010B
Copper	**40.8**		mg/kg dry	0.050	12/13/07 14:57	MEM	SW 6010B
Iron	**22200**	QB-01, B	mg/kg dry	2540	12/17/07 13:15	MEM	SW 6010B
Lead	<7600		mg/kg dry	7600	12/17/07 13:15	MEM	SW 6010B
Manganese	**298**		mg/kg dry	0.050	12/13/07 14:57	MEM	SW 6010B
Magnesium	<3540	QB-01	mg/kg dry	3540	12/17/07 13:15	MEM	SW 6010B
Nickel	**14.1**		mg/kg dry	0.102	12/13/07 14:57	MEM	SW 6010B
Potassium	**280**	QB-01, B	mg/kg dry	0.507	12/13/07 14:57	MEM	SW 6010B
Selenium	<0.507		mg/kg dry	0.507	12/13/07 14:57	MEM	SW 6010B
Silver	<0.102		mg/kg dry	0.102	12/13/07 14:57	MEM	SW 6010B
Sodium	**38.9**	QB-01, B	mg/kg dry	0.507	12/13/07 14:57	MEM	SW 6010B
Thallium	<0.254		mg/kg dry	0.254	12/13/07 14:57	MEM	SW 6010B
Vanadium	**31.8**		mg/kg dry	0.102	12/13/07 14:57	MEM	SW 6010B
Zinc	**241**	QB-01, B	mg/kg dry	0.102	12/13/07 14:57	MEM	SW6010B
Benzene	<5.81		ug/kg dry	5.81	12/12/07 03:44	AR	SW 8260B
Bromobenzene	<11.6		ug/kg dry	11.6	12/12/07 03:44	AR	SW 8260B
Bromochloromethane	<5.81		ug/kg dry	5.81	12/12/07 03:44	AR	SW 8260B

SOUTH MALL ANALYTICAL LABS, INC.™

Lab ID Number: 0712079-09

Analyte	Results	Qual	Units	RL	Analyzed	By	Method
Bromodichloromethane	<29.0		ug/kg dry	29.0	12/12/07 03:44	AR	SW 8260B
Bromoform	<5.81		ug/kg dry	5.81	12/12/07 03:44	AR	SW 8260B
Bromomethane	<11.6		ug/kg dry	11.6	12/12/07 03:44	AR	SW 8260B
n-Butylbenzene	<5.81		ug/kg dry	5.81	12/12/07 03:44	AR	SW 8260B
sec-Butylbenzene	<5.81		ug/kg dry	5.81	12/12/07 03:44	AR	SW 8260B
tert-Butylbenzene	<5.81		ug/kg dry	5.81	12/12/07 03:44	AR	SW 8260B
Carbon Tetrachloride	<11.6		ug/kg dry	11.6	12/12/07 03:44	AR	SW 8260B
Chlorobenzene	<5.81		ug/kg dry	5.81	12/12/07 03:44	AR	SW 8260B
Chloroethane	<11.6		ug/kg dry	11.6	12/12/07 03:44	AR	SW 8260B
Chloroform	<5.81		ug/kg dry	5.81	12/12/07 03:44	AR	SW 8260B
Chloromethane	<11.6		ug/kg dry	11.6	12/12/07 03:44	AR	SW 8260B
2-Chlorotoluene	<11.6		ug/kg dry	11.6	12/12/07 03:44	AR	SW 8260B
4-Chlorotoluene	<11.6		ug/kg dry	11.6	12/12/07 03:44	AR	SW 8260B
Dibromochloromethane	<29.0		ug/kg dry	29.0	12/12/07 03:44	AR	SW 8260B
1,2-Dibromo-3-chloropropane	<11.6		ug/kg dry	11.6	12/12/07 03:44	AR	SW 8260B
1,2-Dibromoethane	<11.6		ug/kg dry	11.6	12/12/07 03:44	AR	SW 8260B
Dibromomethane	<5.81		ug/kg dry	5.81	12/12/07 03:44	AR	SW 8260B
1,2-Dichlorobenzene	<5.81		ug/kg dry	5.81	12/12/07 03:44	AR	SW 8260B
1,3-Dichlorobenzene	<11.6		ug/kg dry	11.6	12/12/07 03:44	AR	SW 8260B
1,4-Dichlorobenzene	<5.81		ug/kg dry	5.81	12/12/07 03:44	AR	SW 8260B
Dichlorodifluoromethane	<5.81		ug/kg dry	5.81	12/12/07 03:44	AR	SW 8260B
1,1-Dichloroethane	<11.6		ug/kg dry	11.6	12/12/07 03:44	AR	SW 8260B
1,2-Dichloroethane	<5.81		ug/kg dry	5.81	12/12/07 03:44	AR	SW 8260B
1,1-Dichloroethene	<5.81		ug/kg dry	5.81	12/12/07 03:44	AR	SW 8260B
cis-1,2-Dichloroethene	<5.81		ug/kg dry	5.81	12/12/07 03:44	AR	SW 8260B
trans-1,2-Dichloroethene	<5.81		ug/kg dry	5.81	12/12/07 03:44	AR	SW 8260B
1,2-Dichloropropane	<11.6		ug/kg dry	11.6	12/12/07 03:44	AR	SW 8260B
1,3-Dichloropropane	<5.81		ug/kg dry	5.81	12/12/07 03:44	AR	SW 8260B
2,2-Dichloropropane	<11.6		ug/kg dry	11.6	12/12/07 03:44	AR	SW 8260B
1,1-Dichloropropene	<11.6		ug/kg dry	11.6	12/12/07 03:44	AR	SW 8260B
cis-1,3-Dichloropropene	<5.81		ug/kg dry	5.81	12/12/07 03:44	AR	SW 8260B
trans-1,3-Dichloropropene	<5.81		ug/kg dry	5.81	12/12/07 03:44	AR	SW 8260B
Ethylbenzene	<11.6		ug/kg dry	11.6	12/12/07 03:44	AR	SW 8260B
Hexachlorobutadiene	<5.81		ug/kg dry	5.81	12/12/07 03:44	AR	SW 8260B
Isopropylbenzene	<11.6		ug/kg dry	11.6	12/12/07 03:44	AR	SW 8260B
4-Isopropyltoluene	<5.81		ug/kg dry	5.81	12/12/07 03:44	AR	SW 8260B
Methyl-tert-Butyl Ether	<5.81		ug/kg dry	5.81	12/12/07 03:44	AR	SW 8260B
Methylene Chloride	<58.1		ug/kg dry	58.1	12/12/07 03:44	AR	SW 8260B
Naphthalene	<29.0		ug/kg dry	29.0	12/12/07 03:44	AR	SW 8260B

SOUTH MALL ANALYTICAL LABS, INC.™

Lab ID Number: **0712079-09**

Analyte	Results	Qual	Units	RL	Analyzed	By	Method
n-Propylbenzene	<11.6		ug/kg dry	11.6	12/12/07 03:44	AR	SW 8260B
Styrene	<5.81		ug/kg dry	5.81	12/12/07 03:44	AR	SW 8260B
1,1,1,2-Tetrachloroethane	<5.81		ug/kg dry	5.81	12/12/07 03:44	AR	SW 8260B
1,1,2,2-Tetrachloroethane	<11.6		ug/kg dry	11.6	12/12/07 03:44	AR	SW 8260B
Tetrachloroethene	<5.81		ug/kg dry	5.81	12/12/07 03:44	AR	SW 8260B
Toluene	<5.81		ug/kg dry	5.81	12/12/07 03:44	AR	SW 8260B
1,2,3-Trichlorobenzene	<11.6		ug/kg dry	11.6	12/12/07 03:44	AR	SW 8260B
1,2,4-Trichlorobenzene	<5.81		ug/kg dry	5.81	12/12/07 03:44	AR	SW 8260B
1,1,1-Trichloroethane	<5.81		ug/kg dry	5.81	12/12/07 03:44	AR	SW 8260B
1,1,2-Trichloroethane	<11.6		ug/kg dry	11.6	12/12/07 03:44	AR	SW 8260B
Trichloroethene	<5.81		ug/kg dry	5.81	12/12/07 03:44	AR	SW 8260B
Trichlorofluoromethane	<5.81		ug/kg dry	5.81	12/12/07 03:44	AR	SW 8260B
1,2,3-Trichloropropane	<29.0		ug/kg dry	29.0	12/12/07 03:44	AR	SW 8260B
1,2,4-Trimethylbenzene	<5.81		ug/kg dry	5.81	12/12/07 03:44	AR	SW 8260B
1,3,5-Trimethylbenzene	<5.81		ug/kg dry	5.81	12/12/07 03:44	AR	SW 8260B
Vinyl chloride	<29.0		ug/kg dry	29.0	12/12/07 03:44	AR	SW 8260B
m,p-Xylenes	<11.6		ug/kg dry	11.6	12/12/07 03:44	AR	SW 8260B
o-Xylene	<5.81		ug/kg dry	5.81	12/12/07 03:44	AR	SW 8260B
Extracted 12/13/07 by Soxhlet Extraction for SW 8270C.							
Acenaphthene	<116		ug/kg dry	116	12/19/07 05:00	AR	SW 8270C
Acenaphthylene	**727**		ug/kg dry	116	12/19/07 05:00	AR	SW 8270C
Anthracene	**307**		ug/kg dry	232	12/19/07 05:00	AR	SW 8270C
Benzo (a) anthracene	**771**		ug/kg dry	116	12/19/07 05:00	AR	SW 8270C
Benzo (a) pyrene	**1140**		ug/kg dry	116	12/19/07 05:00	AR	SW 8270C
Benzo (b) fluoranthene	**1070**		ug/kg dry	581	12/19/07 05:00	AR	SW 8270C
Benzo (g,h,i) perylene	**1220**		ug/kg dry	116	12/19/07 05:00	AR	SW 8270C
Benzo (k) fluoranthene	**531**		ug/kg dry	232	12/19/07 05:00	AR	SW 8270C
4-Bromophenyl phenyl ether	<116		ug/kg dry	116	12/19/07 05:00	AR	SW 8270C
Butyl benzyl phthalate	<581		ug/kg dry	581	12/19/07 05:00	AR	SW 8270C
4-Chloroaniline	<581		ug/kg dry	581	12/19/07 05:00	AR	SW 8270C
Bis(2-chloroethoxy)methane	<232		ug/kg dry	232	12/19/07 05:00	AR	SW 8270C
Bis(2-chloroethyl)ether	<232		ug/kg dry	232	12/19/07 05:00	AR	SW 8270C
Bis(2-chloroisopropyl)ether	<232		ug/kg dry	232	12/19/07 05:00	AR	SW 8270C
2-Chloronaphthalene	<116		ug/kg dry	116	12/19/07 05:00	AR	SW 8270C
4-Chlorophenyl phenyl ether	<232		ug/kg dry	232	12/19/07 05:00	AR	SW 8270C
Chrysene	**786**		ug/kg dry	232	12/19/07 05:00	AR	SW 8270C
Dibenz (a,h) anthracene	<232		ug/kg dry	232	12/19/07 05:00	AR	SW 8270C
Dibenzofuran	<581		ug/kg dry	581	12/19/07 05:00	AR	SW 8270C

SOUTH MALL ANALYTICAL LABS, INC.™

Lab ID Number: **0712079-09**

Analyte	Results	Qual	Units	RL	Analyzed	By	Method
Di-n-butyl phthalate	**555**	B	ug/kg dry	232	12/19/07 05:00	AR	SW 8270C
1,2-Dichlorobenzene	<116		ug/kg dry	116	12/19/07 05:00	AR	SW 8270C
1,4-Dichlorobenzene	<232		ug/kg dry	232	12/19/07 05:00	AR	SW 8270C
1,3-Dichlorobenzene	<232		ug/kg dry	232	12/19/07 05:00	AR	SW 8270C
3,3´-Dichlorobenzidine	<581		ug/kg dry	581	12/19/07 05:00	AR	SW 8270C
Diethyl phthalate	<232		ug/kg dry	232	12/19/07 05:00	AR	SW 8270C
Dimethyl phthalate	<116		ug/kg dry	116	12/19/07 05:00	AR	SW 8270C
2,4-Dinitrotoluene	<232		ug/kg dry	232	12/19/07 05:00	AR	SW 8270C
2,6-Dinitrotoluene	<232		ug/kg dry	232	12/19/07 05:00	AR	SW 8270C
Di-n-octyl phthalate	<581		ug/kg dry	581	12/19/07 05:00	AR	SW 8270C
Bis(2-ethylhexyl)phthalate	**374**	B	ug/kg dry	232	12/19/07 05:00	AR	SW 8270C
Fluoranthene	**1090**		ug/kg dry	116	12/19/07 05:00	AR	SW 8270C
Fluorene	<232		ug/kg dry	232	12/19/07 05:00	AR	SW 8270C
Hexachlorobenzene	<232		ug/kg dry	232	12/19/07 05:00	AR	SW 8270C
Hexachlorobutadiene	<232		ug/kg dry	232	12/19/07 05:00	AR	SW 8270C
Hexachlorocyclopentadiene	<1160		ug/kg dry	1160	12/19/07 05:00	AR	SW 8270C
Hexachloroethane	<232		ug/kg dry	232	12/19/07 05:00	AR	SW 8270C
Indeno (1,2,3-cd) pyrene	**977**		ug/kg dry	232	12/19/07 05:00	AR	SW 8270C
Isophorone	<232		ug/kg dry	232	12/19/07 05:00	AR	SW 8270C
2-Methylnaphthalene	<116		ug/kg dry	116	12/19/07 05:00	AR	SW 8270C
Naphthalene	**188**		ug/kg dry	116	12/19/07 05:00	AR	SW 8270C
3-Nitroaniline	<581		ug/kg dry	581	12/19/07 05:00	AR	SW 8270C
2-Nitroaniline	<581		ug/kg dry	581	12/19/07 05:00	AR	SW 8270C
4-Nitroaniline	<581		ug/kg dry	581	12/19/07 05:00	AR	SW 8270C
Nitrobenzene	<232		ug/kg dry	232	12/19/07 05:00	AR	SW 8270C
N-Nitrosodiphenylamine	<232		ug/kg dry	232	12/19/07 05:00	AR	SW 8270C
N-Nitrosodi-n-propylamine	<232		ug/kg dry	232	12/19/07 05:00	AR	SW 8270C
Phenanthrene	**481**		ug/kg dry	232	12/19/07 05:00	AR	SW 8270C
Pyrene	**807**		ug/kg dry	232	12/19/07 05:00	AR	SW 8270C
1,2,4-Trichlorobenzene	<116		ug/kg dry	116	12/19/07 05:00	AR	SW 8270C

SOUTH MALL ANALYTICAL LABS, INC.™

Lab ID Number: **0712079-09**

Analyte	Results	Qual	Units	RL	Analyzed	By	Method
Extracted 12/13/07 by Soxhlet Extraction for SW 8081.							
alpha-BHC	<1.16		ug/kg dry	1.16	12/17/07 10:50	AR	SW 8081
alpha-Chlordane	<1.16		ug/kg dry	1.16	12/17/07 10:50	AR	SW 8081
beta-BHC	<1.16		ug/kg dry	1.16	12/17/07 10:50	AR	SW 8081
Aldrin	<1.16		ug/kg dry	1.16	12/17/07 10:50	AR	SW 8081
gamma-BHC (Lindane)	**13.2**		ug/kg dry	1.16	12/17/07 10:50	AR	SW 8081
gamma-Chlordane	<1.16		ug/kg dry	1.16	12/17/07 10:50	AR	SW 8081
Heptachlor	<1.16		ug/kg dry	1.16	12/17/07 10:50	AR	SW 8081
Heptachlor epoxide	<1.16		ug/kg dry	1.16	12/17/07 10:50	AR	SW 8081
delta-BHC	<1.16		ug/kg dry	1.16	12/17/07 10:50	AR	SW 8081
Endosulfan I	<5.81		ug/kg dry	5.81	12/17/07 10:50	AR	SW 8081
Endosulfan II	<5.81		ug/kg dry	5.81	12/17/07 10:50	AR	SW 8081
Endosulfan sulfate	<5.81		ug/kg dry	5.81	12/17/07 10:50	AR	SW 8081
Endrin	<5.81		ug/kg dry	5.81	12/17/07 10:50	AR	SW 8081
Endrin aldehyde	<5.81		ug/kg dry	5.81	12/17/07 10:50	AR	SW 8081
Endrin ketone	<5.81		ug/kg dry	5.81	12/17/07 10:50	AR	SW 8081
4,4´-DDD	<5.81		ug/kg dry	5.81	12/17/07 10:50	AR	SW 8081
4,4´-DDE	<5.81		ug/kg dry	5.81	12/17/07 10:50	AR	SW 8081
4,4´-DDT	**52.5**		ug/kg dry	5.81	12/17/07 10:50	AR	SW 8081
Methoxychlor	<11.6		ug/kg dry	11.6	12/17/07 10:50	AR	SW 8081
Dieldrin	<5.81		ug/kg dry	5.81	12/17/07 10:50	AR	SW 8081
Chlordane (technical)	<11.6		ug/kg dry	11.6	12/17/07 10:50	AR	SW 8081
Toxaphene	<11.6		ug/kg dry	11.6	12/17/07 10:50	AR	SW 8081
Extracted 12/13/07 by Soxhlet Extraction for SW 8082.							
Aroclor 1016	<46.5		ug/kg dry	46.5	12/17/07 10:42	AR	SW 8082
Aroclor 1221	<46.5		ug/kg dry	46.5	12/17/07 10:42	AR	SW 8082
Aroclor 1232	<46.5		ug/kg dry	46.5	12/17/07 10:42	AR	SW 8082
Aroclor 1242	<46.5		ug/kg dry	46.5	12/17/07 10:42	AR	SW 8082
Aroclor 1248	<46.5		ug/kg dry	46.5	12/17/07 10:42	AR	SW 8082
Aroclor 1254	<46.5		ug/kg dry	46.5	12/17/07 10:42	AR	SW 8082
Aroclor 1260	<46.5		ug/kg dry	46.5	12/17/07 10:42	AR	SW 8082

References & Qualifiers

EPA - 40 Code of Federal Regulations, Part 136, October 26, 1984.

SW - SW 846 3rd Edition.

SM - Standard Methods for the Examination of Water and Wastewater, 18th edition.

LT - Lachat Method Manual, "*Methods List for Automated Ion Analyzers*" ,February 2004

QM-07 - The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

QB-01 - The method blank contains analyte at a concentration above the MRL; however, concentration is less than 10% of the sample result, which is negligible according to method criteria.

B - Analyte is found in the associated blank as well as in the sample.

SOUTH MALL ANALYTICAL LABS, INC.™

26 NORTH MALL • PLAINVIEW, NY 11803
(516) 293-2191 • FAX (516) 293-3152
E-Mail: Info@SouthMallLabs.com
Website: www.SouthMallLabs.com

December 19, 2007

Analytical Results

Hydro Tech Environmental
2171 Jericho Turnpike Suite 345
Commack, NY 11725

Att: Xuan Xu

Sample Description: Soil - 225-227 Boeum Street, DRAFT: SP-4 (6'-8') - 12/10/07 08:00
Sample Collected By: Hydro Tech Environmental
Purchase Order: 2554
Date Samples Received: 12/11/07 08:30
Lab ID Number: 0712079-10 Sample

Analyte	Results	Qual	Units	RL	Analyzed	By	Method
Aluminum	**9220**	QB-01, B	mg/kg dry	6870	12/17/07 13:17	MEM	SW 6010B
Antimony	**2.38**		mg/kg dry	0.514	12/13/07 15:00	MEM	SW 6010B
Arsenic	<0.286		mg/kg dry	0.286	12/13/07 15:00	MEM	SW 6010B
Barium	**50.8**		mg/kg dry	0.057	12/13/07 15:00	MEM	SW 6010B
Beryllium	**0.547**		mg/kg dry	0.057	12/13/07 15:00	MEM	SW 6010B
Cadmium	**3.65**		mg/kg dry	0.057	12/13/07 15:00	MEM	SW 6010B
Calcium	<17100	QB-01	mg/kg dry	17100	12/17/07 13:17	MEM	SW 6010B
Chromium	**28.0**		mg/kg dry	0.057	12/13/07 15:00	MEM	SW 6010B
Cobalt	**7.42**		mg/kg dry	0.057	12/13/07 15:00	MEM	SW 6010B
Copper	**22.8**		mg/kg dry	0.057	12/13/07 15:00	MEM	SW 6010B
Iron	**31200**	QB-01, B	mg/kg dry	2860	12/17/07 13:17	MEM	SW 6010B
Lead	**13.5**		mg/kg dry	0.858	12/13/07 15:00	MEM	SW 6010B
Manganese	**369**		mg/kg dry	0.057	12/13/07 15:00	MEM	SW 6010B
Magnesium	<4000	QB-01	mg/kg dry	4000	12/17/07 13:17	MEM	SW 6010B
Nickel	**12.1**		mg/kg dry	0.114	12/13/07 15:00	MEM	SW 6010B
Potassium	**381**	QB-01, B	mg/kg dry	0.572	12/13/07 15:00	MEM	SW 6010B
Selenium	<0.572		mg/kg dry	0.572	12/13/07 15:00	MEM	SW 6010B
Silver	<0.114		mg/kg dry	0.114	12/13/07 15:00	MEM	SW 6010B
Sodium	**17.5**	QB-01, B	mg/kg dry	0.572	12/13/07 15:00	MEM	SW 6010B
Thallium	<0.286		mg/kg dry	0.286	12/13/07 15:00	MEM	SW 6010B
Vanadium	**39.5**		mg/kg dry	0.114	12/13/07 15:00	MEM	SW 6010B
Zinc	**29.1**	QB-01, B	mg/kg dry	0.114	12/13/07 15:00	MEM	SW6010B
Benzene	<5.35		ug/kg dry	5.35	12/12/07 04:21	AR	SW 8260B
Bromobenzene	<10.7		ug/kg dry	10.7	12/12/07 04:21	AR	SW 8260B
Bromochloromethane	<5.35		ug/kg dry	5.35	12/12/07 04:21	AR	SW 8260B

SOUTH MALL ANALYTICAL LABS, INC.™

Lab ID Number: 0712079-10

Analyte	Results	Qual	Units	RL	Analyzed	By	Method
Bromodichloromethane	<26.7		ug/kg dry	26.7	12/12/07 04:21	AR	SW 8260B
Bromoform	<5.35		ug/kg dry	5.35	12/12/07 04:21	AR	SW 8260B
Bromomethane	<10.7		ug/kg dry	10.7	12/12/07 04:21	AR	SW 8260B
n-Butylbenzene	<5.35		ug/kg dry	5.35	12/12/07 04:21	AR	SW 8260B
sec-Butylbenzene	<5.35		ug/kg dry	5.35	12/12/07 04:21	AR	SW 8260B
tert-Butylbenzene	<5.35		ug/kg dry	5.35	12/12/07 04:21	AR	SW 8260B
Carbon Tetrachloride	<10.7		ug/kg dry	10.7	12/12/07 04:21	AR	SW 8260B
Chlorobenzene	<5.35		ug/kg dry	5.35	12/12/07 04:21	AR	SW 8260B
Chloroethane	<10.7		ug/kg dry	10.7	12/12/07 04:21	AR	SW 8260B
Chloroform	<5.35		ug/kg dry	5.35	12/12/07 04:21	AR	SW 8260B
Chloromethane	<10.7		ug/kg dry	10.7	12/12/07 04:21	AR	SW 8260B
2-Chlorotoluene	<10.7		ug/kg dry	10.7	12/12/07 04:21	AR	SW 8260B
4-Chlorotoluene	<10.7		ug/kg dry	10.7	12/12/07 04:21	AR	SW 8260B
Dibromochloromethane	<26.7		ug/kg dry	26.7	12/12/07 04:21	AR	SW 8260B
1,2-Dibromo-3-chloropropane	<10.7		ug/kg dry	10.7	12/12/07 04:21	AR	SW 8260B
1,2-Dibromoethane	<10.7		ug/kg dry	10.7	12/12/07 04:21	AR	SW 8260B
Dibromomethane	<5.35		ug/kg dry	5.35	12/12/07 04:21	AR	SW 8260B
1,2-Dichlorobenzene	<5.35		ug/kg dry	5.35	12/12/07 04:21	AR	SW 8260B
1,3-Dichlorobenzene	<10.7		ug/kg dry	10.7	12/12/07 04:21	AR	SW 8260B
1,4-Dichlorobenzene	<5.35		ug/kg dry	5.35	12/12/07 04:21	AR	SW 8260B
Dichlorodifluoromethane	<5.35		ug/kg dry	5.35	12/12/07 04:21	AR	SW 8260B
1,1-Dichloroethane	<10.7		ug/kg dry	10.7	12/12/07 04:21	AR	SW 8260B
1,2-Dichloroethane	<5.35		ug/kg dry	5.35	12/12/07 04:21	AR	SW 8260B
1,1-Dichloroethene	<5.35		ug/kg dry	5.35	12/12/07 04:21	AR	SW 8260B
cis-1,2-Dichloroethene	<5.35		ug/kg dry	5.35	12/12/07 04:21	AR	SW 8260B
trans-1,2-Dichloroethene	<5.35		ug/kg dry	5.35	12/12/07 04:21	AR	SW 8260B
1,2-Dichloropropane	<10.7		ug/kg dry	10.7	12/12/07 04:21	AR	SW 8260B
1,3-Dichloropropane	<5.35		ug/kg dry	5.35	12/12/07 04:21	AR	SW 8260B
2,2-Dichloropropane	<10.7		ug/kg dry	10.7	12/12/07 04:21	AR	SW 8260B
1,1-Dichloropropene	<10.7		ug/kg dry	10.7	12/12/07 04:21	AR	SW 8260B
cis-1,3-Dichloropropene	<5.35		ug/kg dry	5.35	12/12/07 04:21	AR	SW 8260B
trans-1,3-Dichloropropene	<5.35		ug/kg dry	5.35	12/12/07 04:21	AR	SW 8260B
Ethylbenzene	<10.7		ug/kg dry	10.7	12/12/07 04:21	AR	SW 8260B
Hexachlorobutadiene	<5.35		ug/kg dry	5.35	12/12/07 04:21	AR	SW 8260B
Isopropylbenzene	<10.7		ug/kg dry	10.7	12/12/07 04:21	AR	SW 8260B
4-Isopropyltoluene	<5.35		ug/kg dry	5.35	12/12/07 04:21	AR	SW 8260B
Methyl-tert-Butyl Ether	<5.35		ug/kg dry	5.35	12/12/07 04:21	AR	SW 8260B
Methylene Chloride	<53.5		ug/kg dry	53.5	12/12/07 04:21	AR	SW 8260B
Naphthalene	<26.7		ug/kg dry	26.7	12/12/07 04:21	AR	SW 8260B

SOUTH MALL ANALYTICAL LABS, INC.

Lab ID Number: 0712079-10

Analyte	Results	Qual	Units	RL	Analyzed	By	Method
n-Propylbenzene	<10.7		ug/kg dry	10.7	12/12/07 04:21	AR	SW 8260B
Styrene	<5.35		ug/kg dry	5.35	12/12/07 04:21	AR	SW 8260B
1,1,1,2-Tetrachloroethane	<5.35		ug/kg dry	5.35	12/12/07 04:21	AR	SW 8260B
1,1,2,2-Tetrachloroethane	<10.7		ug/kg dry	10.7	12/12/07 04:21	AR	SW 8260B
Tetrachloroethene	<5.35		ug/kg dry	5.35	12/12/07 04:21	AR	SW 8260B
Toluene	<5.35		ug/kg dry	5.35	12/12/07 04:21	AR	SW 8260B
1,2,3-Trichlorobenzene	<10.7		ug/kg dry	10.7	12/12/07 04:21	AR	SW 8260B
1,2,4-Trichlorobenzene	<5.35		ug/kg dry	5.35	12/12/07 04:21	AR	SW 8260B
1,1,1-Trichloroethane	<5.35		ug/kg dry	5.35	12/12/07 04:21	AR	SW 8260B
1,1,2-Trichloroethane	<10.7		ug/kg dry	10.7	12/12/07 04:21	AR	SW 8260B
Trichloroethene	<5.35		ug/kg dry	5.35	12/12/07 04:21	AR	SW 8260B
Trichlorofluoromethane	<5.35		ug/kg dry	5.35	12/12/07 04:21	AR	SW 8260B
1,2,3-Trichloropropane	<26.7		ug/kg dry	26.7	12/12/07 04:21	AR	SW 8260B
1,2,4-Trimethylbenzene	<5.35		ug/kg dry	5.35	12/12/07 04:21	AR	SW 8260B
1,3,5-Trimethylbenzene	<5.35		ug/kg dry	5.35	12/12/07 04:21	AR	SW 8260B
Vinyl chloride	<26.7		ug/kg dry	26.7	12/12/07 04:21	AR	SW 8260B
m,p-Xylenes	<10.7		ug/kg dry	10.7	12/12/07 04:21	AR	SW 8260B
o-Xylene	<5.35		ug/kg dry	5.35	12/12/07 04:21	AR	SW 8260B
Extracted 12/13/07 by Soxhlet Extraction for SW 8270C.							
Acenaphthene	<107		ug/kg dry	107	12/19/07 05:49	AR	SW 8270C
Acenaphthylene	<107		ug/kg dry	107	12/19/07 05:49	AR	SW 8270C
Anthracene	<214		ug/kg dry	214	12/19/07 05:49	AR	SW 8270C
Benzo (a) anthracene	<107		ug/kg dry	107	12/19/07 05:49	AR	SW 8270C
Benzo (a) pyrene	<107		ug/kg dry	107	12/19/07 05:49	AR	SW 8270C
Benzo (b) fluoranthene	<535		ug/kg dry	535	12/19/07 05:49	AR	SW 8270C
Benzo (g,h,i) perylene	<107		ug/kg dry	107	12/19/07 05:49	AR	SW 8270C
Benzo (k) fluoranthene	<214		ug/kg dry	214	12/19/07 05:49	AR	SW 8270C
4-Bromophenyl phenyl ether	<107		ug/kg dry	107	12/19/07 05:49	AR	SW 8270C
Butyl benzyl phthalate	<535		ug/kg dry	535	12/19/07 05:49	AR	SW 8270C
4-Chloroaniline	<535		ug/kg dry	535	12/19/07 05:49	AR	SW 8270C
Bis(2-chloroethoxy)methane	<214		ug/kg dry	214	12/19/07 05:49	AR	SW 8270C
Bis(2-chloroethyl)ether	<214		ug/kg dry	214	12/19/07 05:49	AR	SW 8270C
Bis(2-chloroisopropyl)ether	<214		ug/kg dry	214	12/19/07 05:49	AR	SW 8270C
2-Chloronaphthalene	<107		ug/kg dry	107	12/19/07 05:49	AR	SW 8270C
4-Chlorophenyl phenyl ether	<214		ug/kg dry	214	12/19/07 05:49	AR	SW 8270C
Chrysene	<214		ug/kg dry	214	12/19/07 05:49	AR	SW 8270C
Dibenz (a,h) anthracene	<214		ug/kg dry	214	12/19/07 05:49	AR	SW 8270C
Dibenzofuran	<535		ug/kg dry	535	12/19/07 05:49	AR	SW 8270C

SOUTH MALL ANALYTICAL LABS, INC.™

Lab ID Number: **0712079-10**

Analyte	Results	Qual	Units	RL	Analyzed	By	Method
Di-n-butyl phthalate	**1130**	B	ug/kg dry	214	12/19/07 05:49	AR	SW 8270C
1,2-Dichlorobenzene	<107		ug/kg dry	107	12/19/07 05:49	AR	SW 8270C
1,4-Dichlorobenzene	<214		ug/kg dry	214	12/19/07 05:49	AR	SW 8270C
1,3-Dichlorobenzene	<214		ug/kg dry	214	12/19/07 05:49	AR	SW 8270C
3,3´-Dichlorobenzidine	<535		ug/kg dry	535	12/19/07 05:49	AR	SW 8270C
Diethyl phthalate	<214		ug/kg dry	214	12/19/07 05:49	AR	SW 8270C
Dimethyl phthalate	<107		ug/kg dry	107	12/19/07 05:49	AR	SW 8270C
2,4-Dinitrotoluene	<214		ug/kg dry	214	12/19/07 05:49	AR	SW 8270C
2,6-Dinitrotoluene	<214		ug/kg dry	214	12/19/07 05:49	AR	SW 8270C
Di-n-octyl phthalate	<535		ug/kg dry	535	12/19/07 05:49	AR	SW 8270C
Bis(2-ethylhexyl)phthalate	**448**	B	ug/kg dry	214	12/19/07 05:49	AR	SW 8270C
Fluoranthene	<107		ug/kg dry	107	12/19/07 05:49	AR	SW 8270C
Fluorene	<214		ug/kg dry	214	12/19/07 05:49	AR	SW 8270C
Hexachlorobenzene	<214		ug/kg dry	214	12/19/07 05:49	AR	SW 8270C
Hexachlorobutadiene	<214		ug/kg dry	214	12/19/07 05:49	AR	SW 8270C
Hexachlorocyclopentadiene	<1070		ug/kg dry	1070	12/19/07 05:49	AR	SW 8270C
Hexachloroethane	<214		ug/kg dry	214	12/19/07 05:49	AR	SW 8270C
Indeno (1,2,3-cd) pyrene	<214		ug/kg dry	214	12/19/07 05:49	AR	SW 8270C
Isophorone	<214		ug/kg dry	214	12/19/07 05:49	AR	SW 8270C
2-Methylnaphthalene	<107		ug/kg dry	107	12/19/07 05:49	AR	SW 8270C
Naphthalene	<107		ug/kg dry	107	12/19/07 05:49	AR	SW 8270C
3-Nitroaniline	<535		ug/kg dry	535	12/19/07 05:49	AR	SW 8270C
2-Nitroaniline	<535		ug/kg dry	535	12/19/07 05:49	AR	SW 8270C
4-Nitroaniline	<535		ug/kg dry	535	12/19/07 05:49	AR	SW 8270C
Nitrobenzene	<214		ug/kg dry	214	12/19/07 05:49	AR	SW 8270C
N-Nitrosodiphenylamine	<214		ug/kg dry	214	12/19/07 05:49	AR	SW 8270C
N-Nitrosodi-n-propylamine	<214		ug/kg dry	214	12/19/07 05:49	AR	SW 8270C
Phenanthrene	<214		ug/kg dry	214	12/19/07 05:49	AR	SW 8270C
Pyrene	<214		ug/kg dry	214	12/19/07 05:49	AR	SW 8270C
1,2,4-Trichlorobenzene	<107		ug/kg dry	107	12/19/07 05:49	AR	SW 8270C

SOUTH MALL ANALYTICAL LABS, INC.™

Lab ID Number: 0712079-10

Analyte	Results	Qual	Units	RL	Analyzed	By	Method
Extracted 12/13/07 by Soxhlet Extraction for SW 8081.							
alpha-BHC	<1.07		ug/kg dry	1.07	12/17/07 10:50	AR	SW 8081
alpha-Chlordane	<1.07		ug/kg dry	1.07	12/17/07 10:50	AR	SW 8081
beta-BHC	<1.07		ug/kg dry	1.07	12/17/07 10:50	AR	SW 8081
Aldrin	<1.07		ug/kg dry	1.07	12/17/07 10:50	AR	SW 8081
gamma-BHC (Lindane)	<1.07		ug/kg dry	1.07	12/17/07 10:50	AR	SW 8081
gamma-Chlordane	<1.07		ug/kg dry	1.07	12/17/07 10:50	AR	SW 8081
Heptachlor	<1.07		ug/kg dry	1.07	12/17/07 10:50	AR	SW 8081
Heptachlor epoxide	<1.07		ug/kg dry	1.07	12/17/07 10:50	AR	SW 8081
delta-BHC	<1.07		ug/kg dry	1.07	12/17/07 10:50	AR	SW 8081
Endosulfan I	<5.35		ug/kg dry	5.35	12/17/07 10:50	AR	SW 8081
Endosulfan II	<5.35		ug/kg dry	5.35	12/17/07 10:50	AR	SW 8081
Endosulfan sulfate	<5.35		ug/kg dry	5.35	12/17/07 10:50	AR	SW 8081
Endrin	<5.35		ug/kg dry	5.35	12/17/07 10:50	AR	SW 8081
Endrin aldehyde	<5.35		ug/kg dry	5.35	12/17/07 10:50	AR	SW 8081
Endrin ketone	<5.35		ug/kg dry	5.35	12/17/07 10:50	AR	SW 8081
4,4´-DDD	<5.35		ug/kg dry	5.35	12/17/07 10:50	AR	SW 8081
4,4´-DDE	<5.35		ug/kg dry	5.35	12/17/07 10:50	AR	SW 8081
4,4´-DDT	<5.35		ug/kg dry	5.35	12/17/07 10:50	AR	SW 8081
Methoxychlor	<10.7		ug/kg dry	10.7	12/17/07 10:50	AR	SW 8081
Dieldrin	<5.35		ug/kg dry	5.35	12/17/07 10:50	AR	SW 8081
Chlordane (technical)	<10.7		ug/kg dry	10.7	12/17/07 10:50	AR	SW 8081
Toxaphene	<10.7		ug/kg dry	10.7	12/17/07 10:50	AR	SW 8081
Extracted 12/13/07 by Soxhlet Extraction for SW 8082.							
Aroclor 1016	<42.8		ug/kg dry	42.8	12/17/07 10:42	AR	SW 8082
Aroclor 1221	<42.8		ug/kg dry	42.8	12/17/07 10:42	AR	SW 8082
Aroclor 1232	<42.8		ug/kg dry	42.8	12/17/07 10:42	AR	SW 8082
Aroclor 1242	<42.8		ug/kg dry	42.8	12/17/07 10:42	AR	SW 8082
Aroclor 1248	<42.8		ug/kg dry	42.8	12/17/07 10:42	AR	SW 8082
Aroclor 1254	<42.8		ug/kg dry	42.8	12/17/07 10:42	AR	SW 8082
Aroclor 1260	<42.8		ug/kg dry	42.8	12/17/07 10:42	AR	SW 8082

References & Qualifiers

EPA - 40 Code of Federal Regulations, Part 136, October 26, 1984.

SW - SW 846 3rd Edition.

SM - Standard Methods for the Examination of Water and Wastewater, 18th edition.

LT - Lachat Method Manual, "*Methods List for Automated Ion Analyzers*" ,February 2004

QM-07 - The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

QB-01 - The method blank contains analyte at a concentration above the MRL; however, concentration is less than 10% of the sample result, which is negligible according to method criteria.

B - Analyte is found in the associated blank as well as in the sample.

Technical Report

prepared for:

Hydro Tech Environmental (Brooklyn)
15 Ocean Avenue
Brooklyn NY, 11225
Attention: Paul Matli

Report Date: 11/18/2013
Client Project ID: 225-227 Boerum St. Brooklyn
York Project (SDG) No.: 13K0387

CT Cert. No. PH-0723 New Jersey Cert. No. CT-005 New York Cert. No. 10854 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 (203) 325-1371 FAX (203) 357-0166

Table of Contents

Table of Contents (continued)

Report Date: 11/18/2013
Client Project ID: 225-227 Boerum St. Brooklyn
York Project (SDG) No.: 13K0387

Hydro Tech Environmental (Brooklyn)
15 Ocean Avenue
Brooklyn NY, 11225
Attention: Paul Matli

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on November 12, 2013 and listed below. The project was identified as your project: **225-227 Boerum St. Brooklyn**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
13K0387-01	SP-5 (0'-2')	Soil	11/07/2013	11/12/2013
13K0387-02	SP-5 (8'-10')	Soil	11/07/2013	11/12/2013

General Notes for York Project (SDG) No.: 13K0387

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By: 

Date: 11/18/2013

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: SP-5 (0'-2')

York Sample ID: 13K0387-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0387	225-227 Boerum St. Brooklyn	Soil	November 7, 2013 3:00 pm	11/12/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:22	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:22	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:22	BK
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:22	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:22	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:22	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:22	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:22	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:22	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:22	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:22	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:22	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:22	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:22	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:22	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:22	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:22	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:22	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:22	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:22	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:22	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	84	170	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:22	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:22	BK
78-93-3	2-Butanone	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:22	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:22	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:22	BK
67-64-1	Acetone	ND		ug/kg dry	4.2	17	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:22	BK
71-43-2	Benzene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:22	BK
108-86-1	Bromobenzene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:22	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:22	BK

Sample Information

Client Sample ID: SP-5 (0'-2')

York Sample ID: 13K0387-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0387	225-227 Boerum St. Brooklyn	Soil	November 7, 2013 3:00 pm	11/12/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:22	BK
75-25-2	Bromoform	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:22	BK
74-83-9	Bromomethane	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:22	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:22	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:22	BK
75-00-3	Chloroethane	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:22	BK
67-66-3	Chloroform	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:22	BK
74-87-3	Chloromethane	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:22	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:22	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:22	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:22	BK
74-95-3	Dibromomethane	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:22	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:22	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:22	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:22	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:22	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:22	BK
75-09-2	Methylene chloride	ND		ug/kg dry	4.2	17	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:22	BK
91-20-3	Naphthalene	ND		ug/kg dry	4.2	17	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:22	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:22	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:22	BK
95-47-6	o-Xylene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:22	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	8.4	17	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:22	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:22	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:22	BK
100-42-5	Styrene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:22	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:22	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:22	BK
108-88-3	Toluene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:22	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:22	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:22	BK

Sample Information

Client Sample ID: SP-5 (0'-2') **York Sample ID:** 13K0387-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0387	225-227 Boerum St. Brooklyn	Soil	November 7, 2013 3:00 pm	11/12/2013

Volatile Organics, 8260 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:22	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:22	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:22	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	13	25	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:22	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:22	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*101 %*	*72-137*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*100 %*	*72-138*
2037-26-5	*Surrogate: Toluene-d8*	*104 %*	*85-118*

Semi-Volatiles, 8270 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/13/2013 17:00	11/14/2013 18:16	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/13/2013 17:00	11/14/2013 18:16	SR
62-53-3	Aniline	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/13/2013 17:00	11/14/2013 18:16	SR
120-12-7	Anthracene	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/13/2013 17:00	11/14/2013 18:16	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/13/2013 17:00	11/14/2013 18:16	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/13/2013 17:00	11/14/2013 18:16	SR
205-99-2	Benzo(b)fluoranthene	**60.7**	J	ug/kg dry	46.1	183	1	EPA 8270D	11/13/2013 17:00	11/14/2013 18:16	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	92.1	183	1	EPA 8270D	11/13/2013 17:00	11/14/2013 18:16	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/13/2013 17:00	11/14/2013 18:16	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	92.1	183	1	EPA 8270D	11/13/2013 17:00	11/14/2013 18:16	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/13/2013 17:00	11/14/2013 18:16	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/13/2013 17:00	11/14/2013 18:16	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	92.1	183	1	EPA 8270D	11/13/2013 17:00	11/14/2013 18:16	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	92.1	183	1	EPA 8270D	11/13/2013 17:00	11/14/2013 18:16	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/13/2013 17:00	11/14/2013 18:16	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/13/2013 17:00	11/14/2013 18:16	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/13/2013 17:00	11/14/2013 18:16	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/13/2013 17:00	11/14/2013 18:16	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/13/2013 17:00	11/14/2013 18:16	SR

Sample Information

Client Sample ID: SP-5 (0'-2') **York Sample ID:** 13K0387-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0387	225-227 Boerum St. Brooklyn	Soil	November 7, 2013 3:00 pm	11/12/2013

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/13/2013 17:00	11/14/2013 18:16	SR
218-01-9	Chrysene	**50.1**	J	ug/kg dry	46.1	183	1	EPA 8270D	11/13/2013 17:00	11/14/2013 18:16	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/13/2013 17:00	11/14/2013 18:16	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/13/2013 17:00	11/14/2013 18:16	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/13/2013 17:00	11/14/2013 18:16	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/13/2013 17:00	11/14/2013 18:16	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/13/2013 17:00	11/14/2013 18:16	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/13/2013 17:00	11/14/2013 18:16	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	183	365	1	EPA 8270D	11/13/2013 17:00	11/14/2013 18:16	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	92.1	183	1	EPA 8270D	11/13/2013 17:00	11/14/2013 18:16	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/13/2013 17:00	11/14/2013 18:16	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/13/2013 17:00	11/14/2013 18:16	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/13/2013 17:00	11/14/2013 18:16	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	92.1	183	1	EPA 8270D	11/13/2013 17:00	11/14/2013 18:16	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	183	366	1	EPA 8270D	11/13/2013 17:00	11/14/2013 18:16	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	92.1	183	1	EPA 8270D	11/13/2013 17:00	11/14/2013 18:16	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/13/2013 17:00	11/14/2013 18:16	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/13/2013 17:00	11/14/2013 18:16	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/13/2013 17:00	11/14/2013 18:16	SR
206-44-0	Fluoranthene	**93.6**	J	ug/kg dry	46.1	183	1	EPA 8270D	11/13/2013 17:00	11/14/2013 18:16	SR
86-73-7	Fluorene	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/13/2013 17:00	11/14/2013 18:16	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/13/2013 17:00	11/14/2013 18:16	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/13/2013 17:00	11/14/2013 18:16	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	92.1	183	1	EPA 8270D	11/13/2013 17:00	11/14/2013 18:16	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/13/2013 17:00	11/14/2013 18:16	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/13/2013 17:00	11/14/2013 18:16	SR
78-59-1	Isophorone	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/13/2013 17:00	11/14/2013 18:16	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/13/2013 17:00	11/14/2013 18:16	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	92.1	183	1	EPA 8270D	11/13/2013 17:00	11/14/2013 18:16	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	92.1	183	1	EPA 8270D	11/13/2013 17:00	11/14/2013 18:16	SR
91-20-3	Naphthalene	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/13/2013 17:00	11/14/2013 18:16	SR

Sample Information

Client Sample ID: SP-5 (0'-2')

York Sample ID: 13K0387-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0387	225-227 Boerum St. Brooklyn	Soil	November 7, 2013 3:00 pm	11/12/2013

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		ug/kg dry	92.1	183	1	EPA 8270D	11/13/2013 17:00	11/14/2013 18:16	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/13/2013 17:00	11/14/2013 18:16	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	92.1	183	1	EPA 8270D	11/13/2013 17:00	11/14/2013 18:16	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/13/2013 17:00	11/14/2013 18:16	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/13/2013 17:00	11/14/2013 18:16	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	92.1	183	1	EPA 8270D	11/13/2013 17:00	11/14/2013 18:16	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/13/2013 17:00	11/14/2013 18:16	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	92.1	183	1	EPA 8270D	11/13/2013 17:00	11/14/2013 18:16	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/13/2013 17:00	11/14/2013 18:16	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	92.1	183	1	EPA 8270D	11/13/2013 17:00	11/14/2013 18:16	SR
85-01-8	Phenanthrene	**71.3**	J	ug/kg dry	46.1	183	1	EPA 8270D	11/13/2013 17:00	11/14/2013 18:16	SR
108-95-2	Phenol	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/13/2013 17:00	11/14/2013 18:16	SR
129-00-0	Pyrene	**79.3**	J	ug/kg dry	46.1	183	1	EPA 8270D	11/13/2013 17:00	11/14/2013 18:16	SR
110-86-1	Pyridine	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/13/2013 17:00	11/14/2013 18:16	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/13/2013 17:00	11/14/2013 18:16	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/13/2013 17:00	11/14/2013 18:16	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/13/2013 17:00	11/14/2013 18:16	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*31.2 %*	*10-109*
4165-62-2	*Surrogate: Phenol-d5*	*50.4 %*	*10-124*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*59.9 %*	*10-148*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*58.0 %*	*10-111*
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*79.1 %*	*10-142*
1718-51-0	*Surrogate: Terphenyl-d14*	*60.8 %*	*10-147*

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	91.6	91.6	5	EPA 8081B/8082A	11/13/2013 18:00	11/14/2013 10:48	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.05	9.05	5	EPA 8081B/8082A	11/13/2013 18:00	11/14/2013 10:48	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.81	1.81	5	EPA 8081B/8082A	11/13/2013 18:00	11/14/2013 10:48	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.81	1.81	5	EPA 8081B/8082A	11/13/2013 18:00	11/14/2013 10:48	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.81	1.81	5	EPA 8081B/8082A	11/13/2013 18:00	11/14/2013 10:48	JW

Sample Information

Client Sample ID: SP-5 (0'-2') **York Sample ID:** 13K0387-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0387	225-227 Boerum St. Brooklyn	Soil	November 7, 2013 3:00 pm	11/12/2013

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53494-70-5	Endrin ketone	ND		ug/kg dry	1.81	1.81	5	EPA 8081B/8082A	11/13/2013 18:00	11/14/2013 10:48	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.81	1.81	5	EPA 8081B/8082A	11/13/2013 18:00	11/14/2013 10:48	JW
72-20-8	Endrin	ND		ug/kg dry	1.81	1.81	5	EPA 8081B/8082A	11/13/2013 18:00	11/14/2013 10:48	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.81	1.81	5	EPA 8081B/8082A	11/13/2013 18:00	11/14/2013 10:48	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.81	1.81	5	EPA 8081B/8082A	11/13/2013 18:00	11/14/2013 10:48	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.81	1.81	5	EPA 8081B/8082A	11/13/2013 18:00	11/14/2013 10:48	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.81	1.81	5	EPA 8081B/8082A	11/13/2013 18:00	11/14/2013 10:48	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.81	1.81	5	EPA 8081B/8082A	11/13/2013 18:00	11/14/2013 10:48	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.24	7.24	5	EPA 8081B/8082A	11/13/2013 18:00	11/14/2013 10:48	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.81	1.81	5	EPA 8081B/8082A	11/13/2013 18:00	11/14/2013 10:48	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.81	1.81	5	EPA 8081B/8082A	11/13/2013 18:00	11/14/2013 10:48	JW
309-00-2	Aldrin	ND		ug/kg dry	1.81	1.81	5	EPA 8081B/8082A	11/13/2013 18:00	11/14/2013 10:48	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.81	1.81	5	EPA 8081B/8082A	11/13/2013 18:00	11/14/2013 10:48	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.81	1.81	5	EPA 8081B/8082A	11/13/2013 18:00	11/14/2013 10:48	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.81	1.81	5	EPA 8081B/8082A	11/13/2013 18:00	11/14/2013 10:48	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	18.6	18.6	1	EPA 8081B/8082A	11/13/2013 18:00	11/14/2013 12:31	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	18.6	18.6	1	EPA 8081B/8082A	11/13/2013 18:00	11/14/2013 12:31	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	18.6	18.6	1	EPA 8081B/8082A	11/13/2013 18:00	11/14/2013 12:31	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	18.6	18.6	1	EPA 8081B/8082A	11/13/2013 18:00	11/14/2013 12:31	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	18.6	18.6	1	EPA 8081B/8082A	11/13/2013 18:00	11/14/2013 12:31	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	18.6	18.6	1	EPA 8081B/8082A	11/13/2013 18:00	11/14/2013 12:31	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	18.6	18.6	1	EPA 8081B/8082A	11/13/2013 18:00	11/14/2013 12:31	JW
1336-36-3	Total PCBs	ND		ug/kg dry	7.46	18.6	1	EPA 8081B/8082A	11/13/2013 18:00	11/14/2013 12:31	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*93.7 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*76.7 %*	*30-140*

Sample Information

Client Sample ID: SP-5 (0'-2') **York Sample ID:** 13K0387-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0387	225-227 Boerum St. Brooklyn	Soil	November 7, 2013 3:00 pm	11/12/2013

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	**8600**		mg/kg dry	1.10	1.10	1	EPA 6010C	11/13/2013 14:21	11/13/2013 20:58	MW
7440-36-0	Antimony	ND		mg/kg dry	0.548	0.548	1	EPA 6010C	11/13/2013 14:21	11/13/2013 20:58	MW
7440-38-2	Arsenic	**3.53**		mg/kg dry	1.10	1.10	1	EPA 6010C	11/13/2013 14:21	11/13/2013 20:58	MW
7440-39-3	Barium	**43.0**		mg/kg dry	1.10	1.10	1	EPA 6010C	11/13/2013 14:21	11/13/2013 20:58	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.110	0.110	1	EPA 6010C	11/13/2013 14:21	11/13/2013 20:58	MW
7440-43-9	Cadmium	**1.19**		mg/kg dry	0.329	0.329	1	EPA 6010C	11/13/2013 14:21	11/13/2013 20:58	MW
7440-70-2	Calcium	**567**		mg/kg dry	0.548	5.48	1	EPA 6010C	11/13/2013 14:21	11/13/2013 20:58	MW
7440-47-3	Chromium	**18.0**		mg/kg dry	0.548	0.548	1	EPA 6010C	11/13/2013 14:21	11/13/2013 20:58	MW
7440-48-4	Cobalt	**7.04**		mg/kg dry	0.548	0.548	1	EPA 6010C	11/13/2013 14:21	11/13/2013 20:58	MW
7440-50-8	Copper	**43.2**		mg/kg dry	0.548	0.548	1	EPA 6010C	11/13/2013 14:21	11/13/2013 20:58	MW
7439-89-6	Iron	**22400**		mg/kg dry	2.19	2.19	1	EPA 6010C	11/13/2013 14:21	11/13/2013 20:58	MW
7439-92-1	Lead	**211**		mg/kg dry	0.329	0.329	1	EPA 6010C	11/13/2013 14:21	11/13/2013 20:58	MW
7439-95-4	Magnesium	**1830**		mg/kg dry	5.48	5.48	1	EPA 6010C	11/13/2013 14:21	11/13/2013 20:58	MW
7439-96-5	Manganese	**389**		mg/kg dry	0.548	0.548	1	EPA 6010C	11/13/2013 14:21	11/13/2013 20:58	MW
7440-02-0	Nickel	**11.9**		mg/kg dry	0.548	0.548	1	EPA 6010C	11/13/2013 14:21	11/13/2013 20:58	MW
7440-09-7	Potassium	**925**		mg/kg dry	5.48	5.48	1	EPA 6010C	11/13/2013 14:21	11/13/2013 20:58	MW
7782-49-2	Selenium	ND		mg/kg dry	1.10	1.10	1	EPA 6010C	11/13/2013 14:21	11/13/2013 20:58	MW
7440-22-4	Silver	ND		mg/kg dry	0.548	0.548	1	EPA 6010C	11/13/2013 14:21	11/13/2013 20:58	MW
7440-23-5	Sodium	**43.7**		mg/kg dry	11.0	11.0	1	EPA 6010C	11/13/2013 14:21	11/13/2013 20:58	MW
7440-28-0	Thallium	ND		mg/kg dry	1.10	1.10	1	EPA 6010C	11/13/2013 14:21	11/13/2013 20:58	MW
7440-62-2	Vanadium	**28.3**		mg/kg dry	1.10	1.10	1	EPA 6010C	11/13/2013 14:21	11/13/2013 20:58	MW
7440-66-6	Zinc	**40.0**		mg/kg dry	1.10	1.10	1	EPA 6010C	11/13/2013 14:21	11/13/2013 20:58	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	**1.58**		mg/kg dry	0.000877	0.000877	1	EPA 7473	11/14/2013 07:10	11/14/2013 13:39	AAkba

Sample Information

Client Sample ID: SP-5 (0'-2') **York Sample ID:** 13K0387-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0387	225-227 Boerum St. Brooklyn	Soil	November 7, 2013 3:00 pm	11/12/2013

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	**91.2**		%	0.100	0.100	1	SM 2540G	11/18/2013 12:02	11/18/2013 12:02	AA

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.384	0.548	1	EPA 7196A	11/14/2013 07:36	11/14/2013 15:38	SC

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	Chromium, Trivalent	**16.4**		mg/kg	0.250	0.500	1	Calculation	11/14/2013 15:43	11/15/2013 13:47	SC

Sample Information

Client Sample ID: SP-5 (8'-10') **York Sample ID:** 13K0387-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0387	225-227 Boerum St. Brooklyn	Soil	November 7, 2013 3:00 pm	11/12/2013

Volatile Organics, 8260 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:57	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:57	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:57	BK
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:57	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:57	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:57	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:57	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:57	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:57	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:57	BK

Sample Information

Client Sample ID: SP-5 (8'-10')

York Sample ID: 13K0387-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0387	225-227 Boerum St. Brooklyn	Soil	November 7, 2013 3:00 pm	11/12/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:57	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:57	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:57	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:57	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:57	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:57	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:57	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:57	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:57	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:57	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:57	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	55	110	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:57	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:57	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:57	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:57	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:57	BK
67-64-1	Acetone	ND		ug/kg dry	2.8	11	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:57	BK
71-43-2	Benzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:57	BK
108-86-1	Bromobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:57	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:57	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:57	BK
75-25-2	Bromoform	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:57	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:57	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:57	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:57	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:57	BK
67-66-3	Chloroform	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:57	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:57	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:57	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:57	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:57	BK

Sample Information

Client Sample ID: SP-5 (8'-10')

York Sample ID: 13K0387-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0387	225-227 Boerum St. Brooklyn	Soil	November 7, 2013 3:00 pm	11/12/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:57	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:57	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:57	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:57	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:57	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:57	BK
75-09-2	Methylene chloride	ND		ug/kg dry	2.8	11	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:57	BK
91-20-3	Naphthalene	ND		ug/kg dry	2.8	11	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:57	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:57	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:57	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:57	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.5	11	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:57	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:57	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:57	BK
100-42-5	Styrene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:57	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:57	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:57	BK
108-88-3	Toluene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:57	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:57	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:57	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:57	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:57	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:57	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.3	17	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:57	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/15/2013 15:29	11/16/2013 17:57	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*113 %*	*72-137*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*100 %*	*72-138*
2037-26-5	*Surrogate: Toluene-d8*	*99.7 %*	*85-118*

Sample Information

Client Sample ID: SP-5 (8'-10')

York Sample ID: 13K0387-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0387	225-227 Boerum St. Brooklyn	Soil	November 7, 2013 3:00 pm	11/12/2013

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	234	930	5	EPA 8270D	11/13/2013 17:00	11/14/2013 18:47	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	234	930	5	EPA 8270D	11/13/2013 17:00	11/14/2013 18:47	SR
62-53-3	Aniline	ND		ug/kg dry	234	930	5	EPA 8270D	11/13/2013 17:00	11/14/2013 18:47	SR
120-12-7	Anthracene	ND		ug/kg dry	234	930	5	EPA 8270D	11/13/2013 17:00	11/14/2013 18:47	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	234	930	5	EPA 8270D	11/13/2013 17:00	11/14/2013 18:47	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	234	930	5	EPA 8270D	11/13/2013 17:00	11/14/2013 18:47	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	234	930	5	EPA 8270D	11/13/2013 17:00	11/14/2013 18:47	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	469	930	5	EPA 8270D	11/13/2013 17:00	11/14/2013 18:47	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	234	930	5	EPA 8270D	11/13/2013 17:00	11/14/2013 18:47	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	469	930	5	EPA 8270D	11/13/2013 17:00	11/14/2013 18:47	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	234	930	5	EPA 8270D	11/13/2013 17:00	11/14/2013 18:47	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	234	930	5	EPA 8270D	11/13/2013 17:00	11/14/2013 18:47	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	469	930	5	EPA 8270D	11/13/2013 17:00	11/14/2013 18:47	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	469	930	5	EPA 8270D	11/13/2013 17:00	11/14/2013 18:47	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	234	930	5	EPA 8270D	11/13/2013 17:00	11/14/2013 18:47	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	234	930	5	EPA 8270D	11/13/2013 17:00	11/14/2013 18:47	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	234	930	5	EPA 8270D	11/13/2013 17:00	11/14/2013 18:47	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	234	930	5	EPA 8270D	11/13/2013 17:00	11/14/2013 18:47	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	234	930	5	EPA 8270D	11/13/2013 17:00	11/14/2013 18:47	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	234	930	5	EPA 8270D	11/13/2013 17:00	11/14/2013 18:47	SR
218-01-9	Chrysene	ND		ug/kg dry	234	930	5	EPA 8270D	11/13/2013 17:00	11/14/2013 18:47	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	234	930	5	EPA 8270D	11/13/2013 17:00	11/14/2013 18:47	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	234	930	5	EPA 8270D	11/13/2013 17:00	11/14/2013 18:47	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	234	930	5	EPA 8270D	11/13/2013 17:00	11/14/2013 18:47	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	234	930	5	EPA 8270D	11/13/2013 17:00	11/14/2013 18:47	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	234	930	5	EPA 8270D	11/13/2013 17:00	11/14/2013 18:47	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	234	930	5	EPA 8270D	11/13/2013 17:00	11/14/2013 18:47	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	931	1860	5	EPA 8270D	11/13/2013 17:00	11/14/2013 18:47	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	469	930	5	EPA 8270D	11/13/2013 17:00	11/14/2013 18:47	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	234	930	5	EPA 8270D	11/13/2013 17:00	11/14/2013 18:47	SR

Sample Information

Client Sample ID: SP-5 (8'-10')

York Sample ID: 13K0387-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0387	225-227 Boerum St. Brooklyn	Soil	November 7, 2013 3:00 pm	11/12/2013

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	234	930	5	EPA 8270D	11/13/2013 17:00	11/14/2013 18:47	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	234	930	5	EPA 8270D	11/13/2013 17:00	11/14/2013 18:47	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	469	930	5	EPA 8270D	11/13/2013 17:00	11/14/2013 18:47	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	931	1860	5	EPA 8270D	11/13/2013 17:00	11/14/2013 18:47	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	469	930	5	EPA 8270D	11/13/2013 17:00	11/14/2013 18:47	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	234	930	5	EPA 8270D	11/13/2013 17:00	11/14/2013 18:47	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	234	930	5	EPA 8270D	11/13/2013 17:00	11/14/2013 18:47	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	234	930	5	EPA 8270D	11/13/2013 17:00	11/14/2013 18:47	SR
206-44-0	Fluoranthene	ND		ug/kg dry	234	930	5	EPA 8270D	11/13/2013 17:00	11/14/2013 18:47	SR
86-73-7	Fluorene	ND		ug/kg dry	234	930	5	EPA 8270D	11/13/2013 17:00	11/14/2013 18:47	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	234	930	5	EPA 8270D	11/13/2013 17:00	11/14/2013 18:47	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	234	930	5	EPA 8270D	11/13/2013 17:00	11/14/2013 18:47	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	469	930	5	EPA 8270D	11/13/2013 17:00	11/14/2013 18:47	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	234	930	5	EPA 8270D	11/13/2013 17:00	11/14/2013 18:47	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	234	930	5	EPA 8270D	11/13/2013 17:00	11/14/2013 18:47	SR
78-59-1	Isophorone	ND		ug/kg dry	234	930	5	EPA 8270D	11/13/2013 17:00	11/14/2013 18:47	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	234	930	5	EPA 8270D	11/13/2013 17:00	11/14/2013 18:47	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	469	930	5	EPA 8270D	11/13/2013 17:00	11/14/2013 18:47	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	469	930	5	EPA 8270D	11/13/2013 17:00	11/14/2013 18:47	SR
91-20-3	Naphthalene	ND		ug/kg dry	234	930	5	EPA 8270D	11/13/2013 17:00	11/14/2013 18:47	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	469	930	5	EPA 8270D	11/13/2013 17:00	11/14/2013 18:47	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	234	930	5	EPA 8270D	11/13/2013 17:00	11/14/2013 18:47	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	469	930	5	EPA 8270D	11/13/2013 17:00	11/14/2013 18:47	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	234	930	5	EPA 8270D	11/13/2013 17:00	11/14/2013 18:47	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	234	930	5	EPA 8270D	11/13/2013 17:00	11/14/2013 18:47	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	469	930	5	EPA 8270D	11/13/2013 17:00	11/14/2013 18:47	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	234	930	5	EPA 8270D	11/13/2013 17:00	11/14/2013 18:47	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	469	930	5	EPA 8270D	11/13/2013 17:00	11/14/2013 18:47	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	234	930	5	EPA 8270D	11/13/2013 17:00	11/14/2013 18:47	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	469	930	5	EPA 8270D	11/13/2013 17:00	11/14/2013 18:47	SR
85-01-8	Phenanthrene	ND		ug/kg dry	234	930	5	EPA 8270D	11/13/2013 17:00	11/14/2013 18:47	SR

Sample Information

Client Sample ID: SP-5 (8'-10')

York Sample ID: 13K0387-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0387	225-227 Boerum St. Brooklyn	Soil	November 7, 2013 3:00 pm	11/12/2013

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/kg dry	234	930	5	EPA 8270D	11/13/2013 17:00	11/14/2013 18:47	SR
129-00-0	Pyrene	ND		ug/kg dry	234	930	5	EPA 8270D	11/13/2013 17:00	11/14/2013 18:47	SR
110-86-1	Pyridine	ND		ug/kg dry	234	930	5	EPA 8270D	11/13/2013 17:00	11/14/2013 18:47	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	234	930	5	EPA 8270D	11/13/2013 17:00	11/14/2013 18:47	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	234	930	5	EPA 8270D	11/13/2013 17:00	11/14/2013 18:47	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	234	930	5	EPA 8270D	11/13/2013 17:00	11/14/2013 18:47	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*24.8 %*	*10-109*
4165-62-2	*Surrogate: Phenol-d5*	*52.9 %*	*10-124*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*44.9 %*	*10-148*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*60.8 %*	*10-111*
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*68.4 %*	*10-142*
1718-51-0	*Surrogate: Terphenyl-d14*	*63.7 %*	*10-147*

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	93.1	93.1	5	EPA 8081B/8082A	11/13/2013 18:00	11/15/2013 13:32	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.20	9.20	5	EPA 8081B/8082A	11/13/2013 18:00	11/15/2013 13:32	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	11/13/2013 18:00	11/15/2013 13:32	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	11/13/2013 18:00	11/15/2013 13:32	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	11/13/2013 18:00	11/15/2013 13:32	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	11/13/2013 18:00	11/15/2013 13:32	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	11/13/2013 18:00	11/15/2013 13:32	JW
72-20-8	Endrin	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	11/13/2013 18:00	11/15/2013 13:32	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	11/13/2013 18:00	11/15/2013 13:32	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	11/13/2013 18:00	11/15/2013 13:32	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	11/13/2013 18:00	11/15/2013 13:32	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	11/13/2013 18:00	11/15/2013 13:32	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	11/13/2013 18:00	11/15/2013 13:32	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.36	7.36	5	EPA 8081B/8082A	11/13/2013 18:00	11/15/2013 13:32	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	11/13/2013 18:00	11/15/2013 13:32	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	11/13/2013 18:00	11/15/2013 13:32	JW

Sample Information

Client Sample ID: SP-5 (8'-10')

York Sample ID: 13K0387-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0387	225-227 Boerum St. Brooklyn	Soil	November 7, 2013 3:00 pm	11/12/2013

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	11/13/2013 18:00	11/15/2013 13:32	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	11/13/2013 18:00	11/15/2013 13:32	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	11/13/2013 18:00	11/15/2013 13:32	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	11/13/2013 18:00	11/15/2013 13:32	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	19.0	19.0	1	EPA 8081B/8082A	11/13/2013 18:00	11/14/2013 13:00	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	19.0	19.0	1	EPA 8081B/8082A	11/13/2013 18:00	11/14/2013 13:00	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	19.0	19.0	1	EPA 8081B/8082A	11/13/2013 18:00	11/14/2013 13:00	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	19.0	19.0	1	EPA 8081B/8082A	11/13/2013 18:00	11/14/2013 13:00	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	19.0	19.0	1	EPA 8081B/8082A	11/13/2013 18:00	11/14/2013 13:00	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	19.0	19.0	1	EPA 8081B/8082A	11/13/2013 18:00	11/14/2013 13:00	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	19.0	19.0	1	EPA 8081B/8082A	11/13/2013 18:00	11/14/2013 13:00	JW
1336-36-3	Total PCBs	ND		ug/kg dry	7.59	19.0	1	EPA 8081B/8082A	11/13/2013 18:00	11/14/2013 13:00	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*44.8 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*56.9 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	**11000**		mg/kg dry	1.12	1.12	1	EPA 6010C	11/13/2013 14:21	11/13/2013 21:03	MW
7440-36-0	Antimony	ND		mg/kg dry	0.558	0.558	1	EPA 6010C	11/13/2013 14:21	11/13/2013 21:03	MW
7440-38-2	Arsenic	**5.82**		mg/kg dry	1.12	1.12	1	EPA 6010C	11/13/2013 14:21	11/13/2013 21:03	MW
7440-39-3	Barium	**56.8**		mg/kg dry	1.12	1.12	1	EPA 6010C	11/13/2013 14:21	11/13/2013 21:03	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.112	0.112	1	EPA 6010C	11/13/2013 14:21	11/13/2013 21:03	MW
7440-43-9	Cadmium	**1.17**		mg/kg dry	0.335	0.335	1	EPA 6010C	11/13/2013 14:21	11/13/2013 21:03	MW
7440-70-2	Calcium	**3770**		mg/kg dry	0.558	5.58	1	EPA 6010C	11/13/2013 14:21	11/13/2013 21:03	MW
7440-47-3	Chromium	**17.5**		mg/kg dry	0.558	0.558	1	EPA 6010C	11/13/2013 14:21	11/13/2013 21:03	MW
7440-48-4	Cobalt	**7.20**		mg/kg dry	0.558	0.558	1	EPA 6010C	11/13/2013 14:21	11/13/2013 21:03	MW
7440-50-8	Copper	**21.0**		mg/kg dry	0.558	0.558	1	EPA 6010C	11/13/2013 14:21	11/13/2013 21:03	MW
7439-89-6	Iron	**20300**		mg/kg dry	2.23	2.23	1	EPA 6010C	11/13/2013 14:21	11/13/2013 21:03	MW
7439-92-1	Lead	**43.4**		mg/kg dry	0.335	0.335	1	EPA 6010C	11/13/2013 14:21	11/13/2013 21:03	MW
7439-95-4	Magnesium	**3570**		mg/kg dry	5.58	5.58	1	EPA 6010C	11/13/2013 14:21	11/13/2013 21:03	MW
7439-96-5	Manganese	**382**		mg/kg dry	0.558	0.558	1	EPA 6010C	11/13/2013 14:21	11/13/2013 21:03	MW

Sample Information

Client Sample ID: SP-5 (8'-10') **York Sample ID:** 13K0387-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0387	225-227 Boerum St. Brooklyn	Soil	November 7, 2013 3:00 pm	11/12/2013

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	**15.7**		mg/kg dry	0.558	0.558	1	EPA 6010C	11/13/2013 14:21	11/13/2013 21:03	MW
7440-09-7	Potassium	**618**		mg/kg dry	5.58	5.58	1	EPA 6010C	11/13/2013 14:21	11/13/2013 21:03	MW
7782-49-2	Selenium	ND		mg/kg dry	1.12	1.12	1	EPA 6010C	11/13/2013 14:21	11/13/2013 21:03	MW
7440-22-4	Silver	ND		mg/kg dry	0.558	0.558	1	EPA 6010C	11/13/2013 14:21	11/13/2013 21:03	MW
7440-23-5	Sodium	**63.4**		mg/kg dry	11.2	11.2	1	EPA 6010C	11/13/2013 14:21	11/13/2013 21:03	MW
7440-28-0	Thallium	ND		mg/kg dry	1.12	1.12	1	EPA 6010C	11/13/2013 14:21	11/13/2013 21:03	MW
7440-62-2	Vanadium	**28.9**		mg/kg dry	1.12	1.12	1	EPA 6010C	11/13/2013 14:21	11/13/2013 21:03	MW
7440-66-6	Zinc	**111**		mg/kg dry	1.12	1.12	1	EPA 6010C	11/13/2013 14:21	11/13/2013 21:03	MW

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	**0.108**		mg/kg dry	0.000892	0.000892	1	EPA 7473	11/14/2013 07:10	11/14/2013 13:55	AAkba

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	**89.6**		%	0.100	0.100	1	SM 2540G	11/18/2013 12:02	11/18/2013 12:02	AA

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.390	0.558	1	EPA 7196A	11/14/2013 07:36	11/14/2013 15:38	SC

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	Chromium, Trivalent	**15.6**		mg/kg	0.250	0.500	1	Calculation	11/14/2013 15:43	11/15/2013 13:47	SC

Analytical Batch Summary

Batch ID: BK30619 **Preparation Method:** EPA 3550B **Prepared By:** SA

YORK Sample ID	Client Sample ID	Preparation Date
13K0387-01	SP-5 (0'-2')	11/13/13
13K0387-02	SP-5 (8'-10')	11/13/13
BK30619-BLK1	Blank	11/13/13
BK30619-BS1	LCS	11/13/13
BK30619-BSD1	LCS Dup	11/13/13

Batch ID: BK30621 **Preparation Method:** EPA 3550B **Prepared By:** SA

YORK Sample ID	Client Sample ID	Preparation Date
13K0387-01	SP-5 (0'-2')	11/13/13
13K0387-02	SP-5 (8'-10')	11/13/13
BK30621-BLK1	Blank	11/13/13
BK30621-BS1	LCS	11/13/13
BK30621-BS2	LCS	11/13/13
BK30621-BSD1	LCS Dup	11/13/13

Batch ID: BK30624 **Preparation Method:** EPA 3050B **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
13K0387-01	SP-5 (0'-2')	11/13/13
13K0387-02	SP-5 (8'-10')	11/13/13
BK30624-BLK1	Blank	11/13/13
BK30624-SRM1	Reference	11/13/13

Batch ID: BK30647 **Preparation Method:** EPA 7473 soil **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
13K0387-01	SP-5 (0'-2')	11/14/13
13K0387-02	SP-5 (8'-10')	11/14/13
BK30647-BLK1	Blank	11/14/13
BK30647-SRM1	Reference	11/14/13

Batch ID: BK30653 **Preparation Method:** EPA SW846-3060 **Prepared By:** SC

YORK Sample ID	Client Sample ID	Preparation Date
13K0387-01	SP-5 (0'-2')	11/14/13
13K0387-02	SP-5 (8'-10')	11/14/13
BK30653-BLK1	Blank	11/14/13
BK30653-SRM1	Reference	11/14/13

Batch ID: BK30698 **Preparation Method:** EPA SW846-3060 **Prepared By:** SC

YORK Sample ID	Client Sample ID	Preparation Date
13K0387-01	SP-5 (0'-2')	11/14/13
13K0387-02	SP-5 (8'-10')	11/14/13

Batch ID: BK30806 **Preparation Method:** EPA 5035A **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
13K0387-01	SP-5 (0'-2')	11/15/13
13K0387-02	SP-5 (8'-10')	11/15/13
BK30806-BLK1	Blank	11/15/13
BK30806-BS1	LCS	11/15/13
BK30806-BSD1	LCS Dup	11/15/13

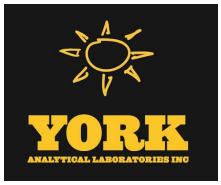
Batch ID: BK30848 **Preparation Method:** % Solids Prep **Prepared By:** KK

YORK Sample ID	Client Sample ID	Preparation Date
13K0387-01	SP-5 (0'-2')	11/18/13
13K0387-02	SP-5 (8'-10')	11/18/13

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK30806 - EPA 5035A											
Blank (BK30806-BLK1)											
Prepared: 11/15/2013 Analyzed: 11/16/2013											
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,1-Dichloropropylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,3-Dichloropropane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2,2-Dichloropropane	ND	5.0	"								
2-Butanone	ND	5.0	"								
2-Chlorotoluene	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
Acetone	ND	10	"								
Benzene	ND	5.0	"								
Bromobenzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	ND	10	"								
Naphthalene	ND	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

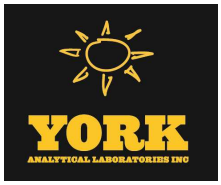
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK30806 - EPA 5035A											
Blank (BK30806-BLK1)								Prepared: 11/15/2013 Analyzed: 11/16/2013			
o-Xylene	ND	5.0	ug/kg wet								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Vinyl acetate	ND	5.0	"								
Surrogate: 1,2-Dichloroethane-d4	*55.6*		*ug/L*	*50.0*		*111*	*72-137*				
Surrogate: p-Bromofluorobenzene	*49.6*		*"*	*50.0*		*99.1*	*72-138*				
Surrogate: Toluene-d8	*53.9*		*"*	*50.0*		*108*	*85-118*				
LCS (BK30806-BS1)								Prepared: 11/15/2013 Analyzed: 11/16/2013			
1,1,1,2-Tetrachloroethane	53		ug/L	50.0		106	91-113				
1,1,1-Trichloroethane	56		"	50.0		112	76-135				
1,1,2,2-Tetrachloroethane	56		"	50.0		113	82-119				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	68		"	50.0		136	68-144				
1,1,2-Trichloroethane	55		"	50.0		109	82-114				
1,1-Dichloroethane	54		"	50.0		109	80-119				
1,1-Dichloroethylene	58		"	50.0		117	58-139				
1,1-Dichloropropylene	56		"	50.0		112	75-117				
1,2,3-Trichlorobenzene	55		"	50.0		109	72-133				
1,2,3-Trichloropropane	54		"	50.0		107	82-117				
1,2,4-Trichlorobenzene	54		"	50.0		109	69-135				
1,2,4-Trimethylbenzene	55		"	50.0		109	82-116				
1,2-Dibromo-3-chloropropane	57		"	50.0		115	72-131				
1,2-Dibromoethane	52		"	50.0		103	86-114				
1,2-Dichlorobenzene	55		"	50.0		110	85-114				
1,2-Dichloroethane	56		"	50.0		112	72-136				
1,2-Dichloropropane	55		"	50.0		110	79-119				
1,3,5-Trimethylbenzene	54		"	50.0		107	86-114				
1,3-Dichlorobenzene	54		"	50.0		108	84-114				
1,3-Dichloropropane	53		"	50.0		107	82-117				
1,4-Dichlorobenzene	51		"	50.0		102	82-116				
1,4-Dioxane	910		"	1000		90.6	10-208				
2,2-Dichloropropane	56		"	50.0		112	44-148				
2-Butanone	56		"	50.0		111	60-129				
2-Chlorotoluene	58		"	50.0		115	82-114	High Bias			
4-Chlorotoluene	53		"	50.0		107	82-117				
Acetone	61		"	50.0		123	26-119	High Bias			
Benzene	56		"	50.0		113	81-117				
Bromobenzene	57		"	50.0		114	85-114				
Bromochloromethane	52		"	50.0		105	79-118				
Bromodichloromethane	55		"	50.0		110	88-123				
Bromoform	54		"	50.0		108	85-122				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK30806 - EPA 5035A											
LCS (BK30806-BS1)								Prepared: 11/15/2013 Analyzed: 11/16/2013			
Bromomethane	79		ug/L	50.0		157	43-137	High Bias			
Carbon tetrachloride	56		"	50.0		111	79-135				
Chlorobenzene	53		"	50.0		106	87-112				
Chloroethane	68		"	50.0		137	60-132	High Bias			
Chloroform	57		"	50.0		113	80-126				
Chloromethane	69		"	50.0		138	36-133	High Bias			
cis-1,2-Dichloroethylene	53		"	50.0		105	80-119				
cis-1,3-Dichloropropylene	58		"	50.0		115	87-125				
Dibromochloromethane	58		"	50.0		116	86-128				
Dibromomethane	54		"	50.0		107	85-121				
Dichlorodifluoromethane	66		"	50.0		132	10-156				
Ethyl Benzene	56		"	50.0		111	88-117				
Hexachlorobutadiene	56		"	50.0		112	82-129				
Isopropylbenzene	56		"	50.0		112	84-116				
Methyl tert-butyl ether (MTBE)	53		"	50.0		105	58-137				
Methylene chloride	54		"	50.0		109	47-140				
Naphthalene	54		"	50.0		108	65-143				
n-Butylbenzene	57		"	50.0		114	79-119				
n-Propylbenzene	56		"	50.0		112	82-116				
o-Xylene	53		"	50.0		106	88-111				
p- & m- Xylenes	110		"	100		110	86-117				
p-Isopropyltoluene	54		"	50.0		108	84-120				
sec-Butylbenzene	55		"	50.0		110	85-119				
Styrene	54		"	50.0		107	85-119				
tert-Butylbenzene	55		"	50.0		110	84-119				
Tetrachloroethylene	49		"	50.0		98.4	74-127				
Toluene	54		"	50.0		107	83-114				
trans-1,2-Dichloroethylene	57		"	50.0		114	68-131				
trans-1,3-Dichloropropylene	54		"	50.0		109	81-127				
Trichloroethylene	53		"	50.0		106	84-118				
Trichlorofluoromethane	58		"	50.0		116	59-148				
Vinyl Chloride	66		"	50.0		132	46-133				
Vinyl acetate	12		"	50.0		23.8	10-84				
Surrogate: 1,2-Dichloroethane-d4	*53.7*		*"*	*50.0*		*107*	*72-137*				
Surrogate: p-Bromofluorobenzene	*53.1*		*"*	*50.0*		*106*	*72-138*				
Surrogate: Toluene-d8	*51.8*		*"*	*50.0*		*104*	*85-118*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK30806 - EPA 5035A											
LCS Dup (BK30806-BSD1)									Prepared: 11/15/2013 Analyzed: 11/16/2013		
1,1,1,2-Tetrachloroethane	53		ug/L	50.0		107	91-113		1.07	30	
1,1,1-Trichloroethane	55		"	50.0		111	76-135		0.952	30	
1,1,2,2-Tetrachloroethane	55		"	50.0		111	82-119		1.79	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	68		"	50.0		136	68-144		0.411	30	
1,1,2-Trichloroethane	54		"	50.0		107	82-114		1.72	30	
1,1-Dichloroethane	54		"	50.0		108	80-119		1.05	30	
1,1-Dichloroethylene	58		"	50.0		117	58-139		0.0171	30	
1,1-Dichloropropylene	55		"	50.0		110	75-117		1.44	30	
1,2,3-Trichlorobenzene	57		"	50.0		114	72-133		3.83	30	
1,2,3-Trichloropropane	54		"	50.0		108	82-117		1.11	30	
1,2,4-Trichlorobenzene	58		"	50.0		116	69-135		5.93	30	
1,2,4-Trimethylbenzene	54		"	50.0		109	82-116		0.349	30	
1,2-Dibromo-3-chloropropane	58		"	50.0		116	72-131		1.66	30	
1,2-Dibromoethane	54		"	50.0		107	86-114		3.86	30	
1,2-Dichlorobenzene	53		"	50.0		106	85-114		3.59	30	
1,2-Dichloroethane	56		"	50.0		112	72-136		0.00	30	
1,2-Dichloropropane	56		"	50.0		113	79-119		2.73	30	
1,3,5-Trimethylbenzene	53		"	50.0		105	86-114		2.09	30	
1,3-Dichlorobenzene	53		"	50.0		106	84-114		1.55	30	
1,3-Dichloropropane	57		"	50.0		113	82-117		5.64	30	
1,4-Dichlorobenzene	53		"	50.0		107	82-116		4.52	30	
1,4-Dioxane	1100		"	1000		110	10-208		19.2	30	
2,2-Dichloropropane	55		"	50.0		111	44-148		1.19	30	
2-Butanone	55		"	50.0		110	60-129		1.09	30	
2-Chlorotoluene	53		"	50.0		105	82-114		9.27	30	
4-Chlorotoluene	53		"	50.0		106	82-117		0.469	30	
Acetone	61		"	50.0		122	26-119	High Bias	0.653	30	
Benzene	55		"	50.0		111	81-117		1.86	30	
Bromobenzene	55		"	50.0		111	85-114		2.81	30	
Bromochloromethane	52		"	50.0		105	79-118		0.115	30	
Bromodichloromethane	58		"	50.0		115	88-123		4.17	30	
Bromoform	52		"	50.0		105	85-122		3.27	30	
Bromomethane	69		"	50.0		137	43-137		13.5	30	
Carbon tetrachloride	56		"	50.0		112	79-135		0.359	30	
Chlorobenzene	53		"	50.0		106	87-112		0.377	30	
Chloroethane	68		"	50.0		136	60-132	High Bias	0.852	30	
Chloroform	54		"	50.0		109	80-126		4.07	30	
Chloromethane	65		"	50.0		129	36-133		6.97	30	
cis-1,2-Dichloroethylene	52		"	50.0		104	80-119		1.46	30	
cis-1,3-Dichloropropylene	60		"	50.0		119	87-125		3.24	30	
Dibromochloromethane	58		"	50.0		116	86-128		0.586	30	
Dibromomethane	55		"	50.0		110	85-121		2.19	30	
Dichlorodifluoromethane	63		"	50.0		126	10-156		4.71	30	
Ethyl Benzene	57		"	50.0		115	88-117		3.19	30	
Hexachlorobutadiene	58		"	50.0		116	82-129		3.50	30	
Isopropylbenzene	55		"	50.0		110	84-116		2.16	30	
Methyl tert-butyl ether (MTBE)	51		"	50.0		102	58-137		3.07	30	
Methylene chloride	50		"	50.0		100	47-140		8.10	30	
Naphthalene	54		"	50.0		107	65-143		0.689	30	
n-Butylbenzene	56		"	50.0		113	79-119		1.67	30	
n-Propylbenzene	56		"	50.0		112	82-116		0.179	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK30806 - EPA 5035A											
LCS Dup (BK30806-BSD1)									Prepared: 11/15/2013 Analyzed: 11/16/2013		
o-Xylene	54		ug/L	50.0		108	88-111		1.76	30	
p- & m- Xylenes	110		"	100		112	86-117		2.00	30	
p-Isopropyltoluene	53		"	50.0		107	84-120		1.55	30	
sec-Butylbenzene	55		"	50.0		110	85-119		0.437	30	
Styrene	55		"	50.0		110	85-119		3.03	30	
tert-Butylbenzene	55		"	50.0		110	84-119		0.381	30	
Tetrachloroethylene	54		"	50.0		108	74-127		9.69	30	
Toluene	55		"	50.0		110	83-114		2.83	30	
trans-1,2-Dichloroethylene	53		"	50.0		105	68-131		7.55	30	
trans-1,3-Dichloropropylene	56		"	50.0		113	81-127		3.45	30	
Trichloroethylene	56		"	50.0		112	84-118		5.35	30	
Trichlorofluoromethane	58		"	50.0		116	59-148		0.517	30	
Vinyl Chloride	64		"	50.0		127	46-133		3.75	30	
Vinyl acetate	11		"	50.0		22.5	10-84		5.79	30	
Surrogate: 1,2-Dichloroethane-d4	*52.7*		*"*	*50.0*		*105*	*72-137*				
Surrogate: p-Bromofluorobenzene	*49.9*		*"*	*50.0*		*99.8*	*72-138*				
Surrogate: Toluene-d8	*51.8*		*"*	*50.0*		*104*	*85-118*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BK30619 - EPA 3550B

Blank (BK30619-BLK1)

Prepared: 11/13/2013 Analyzed: 11/14/2013

Acenaphthene	ND	167	ug/kg wet								
Acenaphthylene	ND	167	"								
Aniline	ND	167	"								
Anthracene	ND	167	"								
Benzo(a)anthracene	ND	167	"								
Benzo(a)pyrene	ND	167	"								
Benzo(b)fluoranthene	ND	167	"								
Benzo(g,h,i)perylene	ND	167	"								
Benzo(k)fluoranthene	ND	167	"								
Benzyl alcohol	ND	167	"								
Benzyl butyl phthalate	ND	167	"								
4-Bromophenyl phenyl ether	ND	167	"								
4-Chloro-3-methylphenol	ND	167	"								
4-Chloroaniline	ND	167	"								
Bis(2-chloroethoxy)methane	ND	167	"								
Bis(2-chloroethyl)ether	ND	167	"								
Bis(2-chloroisopropyl)ether	ND	167	"								
2-Chloronaphthalene	ND	167	"								
2-Chlorophenol	ND	167	"								
4-Chlorophenyl phenyl ether	ND	167	"								
Chrysene	ND	167	"								
Dibenzo(a,h)anthracene	ND	167	"								
Dibenzofuran	ND	167	"								
Di-n-butyl phthalate	ND	167	"								
1,3-Dichlorobenzene	ND	167	"								
1,4-Dichlorobenzene	ND	167	"								
1,2-Dichlorobenzene	ND	167	"								
3,3'-Dichlorobenzidine	ND	333	"								
2,4-Dichlorophenol	ND	167	"								
Diethyl phthalate	ND	167	"								
2,4-Dimethylphenol	ND	167	"								
Dimethyl phthalate	ND	167	"								
4,6-Dinitro-2-methylphenol	ND	167	"								
2,4-Dinitrophenol	ND	333	"								
2,4-Dinitrotoluene	ND	167	"								
2,6-Dinitrotoluene	ND	167	"								
Di-n-octyl phthalate	ND	167	"								
Bis(2-ethylhexyl)phthalate	ND	167	"								
Fluoranthene	ND	167	"								
Fluorene	ND	167	"								
Hexachlorobenzene	ND	167	"								
Hexachlorobutadiene	ND	167	"								
Hexachlorocyclopentadiene	ND	167	"								
Hexachloroethane	ND	167	"								
Indeno(1,2,3-cd)pyrene	ND	167	"								
Isophorone	ND	167	"								
2-Methylnaphthalene	ND	167	"								
2-Methylphenol	ND	167	"								
3- & 4-Methylphenols	ND	167	"								
Naphthalene	ND	167	"								
3-Nitroaniline	ND	167	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK30619 - EPA 3550B											
Blank (BK30619-BLK1)											Prepared: 11/13/2013 Analyzed: 11/14/2013
2-Nitroaniline	ND	167	ug/kg wet								
4-Nitroaniline	ND	167	"								
Nitrobenzene	ND	167	"								
2-Nitrophenol	ND	167	"								
4-Nitrophenol	ND	167	"								
N-nitroso-di-n-propylamine	ND	167	"								
N-Nitrosodimethylamine	ND	167	"								
N-Nitrosodiphenylamine	ND	167	"								
Pentachlorophenol	ND	167	"								
Phenanthrene	ND	167	"								
Phenol	ND	167	"								
Pyrene	ND	167	"								
Pyridine	ND	167	"								
1,2,4-Trichlorobenzene	ND	167	"								
2,4,6-Trichlorophenol	ND	167	"								
2,4,5-Trichlorophenol	ND	167	"								
Surrogate: 2-Fluorophenol	*1080*		"	*2500*		*43.1*	*10-109*				
Surrogate: Phenol-d5	*1440*		"	*2510*		*57.1*	*10-124*				
Surrogate: Nitrobenzene-d5	*978*		"	*1680*		*58.2*	*10-148*				
Surrogate: 2-Fluorobiphenyl	*1010*		"	*1670*		*60.8*	*10-111*				
Surrogate: 2,4,6-Tribromophenol	*2000*		"	*2510*		*79.7*	*10-142*				
Surrogate: Terphenyl-d14	*1030*		"	*1680*		*61.3*	*10-147*				
LCS (BK30619-BS1)											Prepared: 11/13/2013 Analyzed: 11/14/2013
Acenaphthene	1290	167	ug/kg wet	1670		77.5	35-127				
Acenaphthylene	1000	167	"	1670		60.3	37-121				
Aniline	826	167	"	1670		49.5	10-149				
Anthracene	1150	167	"	1670		68.9	38-131				
Benzo(a)anthracene	1390	167	"	1670		83.6	37-137				
Benzo(a)pyrene	1580	167	"	1670		94.6	33-162				
Benzo(b)fluoranthene	1660	167	"	1670		99.5	26-160				
Benzo(g,h,i)perylene	1580	167	"	1670		94.7	10-154				
Benzo(k)fluoranthene	1460	167	"	1670		87.3	34-143				
Benzyl alcohol	1140	167	"	1670		68.2	33-124				
Benzyl butyl phthalate	1310	167	"	1670		78.8	30-143				
4-Bromophenyl phenyl ether	1300	167	"	1670		78.1	35-135				
4-Chloro-3-methylphenol	1300	167	"	1670		77.8	34-133				
4-Chloroaniline	1020	167	"	1670		61.3	17-175				
Bis(2-chloroethoxy)methane	858	167	"	1670		51.5	31-119				
Bis(2-chloroethyl)ether	855	167	"	1670		51.3	18-124				
Bis(2-chloroisopropyl)ether	1040	167	"	1670		62.3	10-141				
2-Chloronaphthalene	1360	167	"	1670		81.6	34-117				
2-Chlorophenol	1200	167	"	1670		71.7	32-123				
4-Chlorophenyl phenyl ether	1650	167	"	1670		99.1	25-142				
Chrysene	1340	167	"	1670		80.2	38-132				
Dibenzo(a,h)anthracene	1750	167	"	1670		105	14-153				
Dibenzofuran	1170	167	"	1670		70.4	39-123				
Di-n-butyl phthalate	1390	167	"	1670		83.4	35-132				
1,3-Dichlorobenzene	1150	167	"	1670		69.0	22-120				
1,4-Dichlorobenzene	1320	167	"	1670		79.1	20-122				
1,2-Dichlorobenzene	1200	167	"	1670		72.1	22-121				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK30619 - EPA 3550B											
LCS (BK30619-BS1)								Prepared: 11/13/2013 Analyzed: 11/14/2013			
3,3'-Dichlorobenzidine	1800	333	ug/kg wet	1670		108	16-177				
2,4-Dichlorophenol	1150	167	"	1670		68.9	30-134				
Diethyl phthalate	1580	167	"	1670		94.8	41-125				
2,4-Dimethylphenol	1020	167	"	1670		60.9	33-120				
Dimethyl phthalate	1510	167	"	1670		90.5	39-125				
4,6-Dinitro-2-methylphenol	1500	167	"	1670		89.8	10-165				
2,4-Dinitrophenol	1210	333	"	1670		72.9	53-209				
2,4-Dinitrotoluene	1270	167	"	1670		76.3	41-129				
2,6-Dinitrotoluene	1300	167	"	1670		78.2	42-130				
Di-n-octyl phthalate	1530	167	"	1670		92.0	19-162				
Bis(2-ethylhexyl)phthalate	1330	167	"	1670		79.8	35-137				
Fluoranthene	1330	167	"	1670		79.6	35-136				
Fluorene	1490	167	"	1670		89.7	33-134				
Hexachlorobenzene	1650	167	"	1670		98.9	31-139				
Hexachlorobutadiene	1520	167	"	1670		91.0	19-137				
Hexachlorocyclopentadiene	1390	167	"	1670		83.6	10-145				
Hexachloroethane	1380	167	"	1670		82.6	12-125				
Indeno(1,2,3-cd)pyrene	1780	167	"	1670		107	11-155				
Isophorone	1200	167	"	1670		71.9	30-125				
2-Methylnaphthalene	990	167	"	1670		59.4	30-125				
2-Methylphenol	1140	167	"	1670		68.2	30-128				
3- & 4-Methylphenols	1040	167	"	1670		62.4	30-120				
Naphthalene	1090	167	"	1670		65.2	28-121				
3-Nitroaniline	1320	167	"	1670		79.0	10-234				
2-Nitroaniline	1330	167	"	1670		79.5	38-130				
4-Nitroaniline	1210	167	"	1670		72.8	10-208				
Nitrobenzene	1170	167	"	1670		70.1	28-118				
2-Nitrophenol	1160	167	"	1670		69.7	23-129				
4-Nitrophenol	1780	167	"	1670		107	10-185				
N-nitroso-di-n-propylamine	1370	167	"	1670		82.2	21-136				
N-Nitrosodimethylamine	1040	167	"	1670		62.3	10-131				
N-Nitrosodiphenylamine	2120	167	"	1670		127	36-163				
Pentachlorophenol	1540	167	"	1670		92.7	15-182				
Phenanthrene	1160	167	"	1670		69.8	37-132				
Phenol	842	167	"	1670		50.5	28-124				
Pyrene	1250	167	"	1670		74.7	30-147				
Pyridine	610	167	"	1670		36.6	10-113				
1,2,4-Trichlorobenzene	1080	167	"	1670		64.5	22-129				
2,4,6-Trichlorophenol	1280	167	"	1670		77.0	36-130				
2,4,5-Trichlorophenol	1250	167	"	1670		74.9	34-126				
Surrogate: 2-Fluorophenol	*1660*		*"*	*2500*		*66.3*	*10-109*				
Surrogate: Phenol-d5	*1200*		*"*	*2510*		*47.8*	*10-124*				
Surrogate: Nitrobenzene-d5	*1080*		*"*	*1680*		*64.5*	*10-148*				
Surrogate: 2-Fluorobiphenyl	*947*		*"*	*1670*		*56.8*	*10-111*				
Surrogate: 2,4,6-Tribromophenol	*2060*		*"*	*2510*		*81.9*	*10-142*				
Surrogate: Terphenyl-d14	*1040*		*"*	*1680*		*61.7*	*10-147*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK30619 - EPA 3550B											
LCS Dup (BK30619-BSD1)								Prepared: 11/13/2013 Analyzed: 11/14/2013			
Acenaphthene	1160	167	ug/kg wet	1670		69.4	35-127		11.0	30	
Acenaphthylene	936	167	"	1670		56.2	37-121		7.04	30	
Aniline	761	167	"	1670		45.6	10-149		8.19	30	
Anthracene	1070	167	"	1670		64.2	38-131		7.07	30	
Benzo(a)anthracene	1230	167	"	1670		73.8	37-137		12.4	30	
Benzo(a)pyrene	1440	167	"	1670		86.5	33-162		8.99	30	
Benzo(b)fluoranthene	1440	167	"	1670		86.2	26-160		14.3	30	
Benzo(g,h,i)perylene	1460	167	"	1670		87.9	10-154		7.49	30	
Benzo(k)fluoranthene	1310	167	"	1670		78.4	34-143		10.7	30	
Benzyl alcohol	1040	167	"	1670		62.6	33-124		8.57	30	
Benzyl butyl phthalate	1180	167	"	1670		70.5	30-143		11.1	30	
4-Bromophenyl phenyl ether	1270	167	"	1670		76.4	35-135		2.20	30	
4-Chloro-3-methylphenol	1190	167	"	1670		71.4	34-133		8.58	30	
4-Chloroaniline	954	167	"	1670		57.3	17-175		6.82	30	
Bis(2-chloroethoxy)methane	807	167	"	1670		48.4	31-119		6.13	30	
Bis(2-chloroethyl)ether	788	167	"	1670		47.3	18-124		8.24	30	
Bis(2-chloroisopropyl)ether	966	167	"	1670		58.0	10-141		7.25	30	
2-Chloronaphthalene	1240	167	"	1670		74.3	34-117		9.36	30	
2-Chlorophenol	1120	167	"	1670		67.2	32-123		6.51	30	
4-Chlorophenyl phenyl ether	1490	167	"	1670		89.6	25-142		10.0	30	
Chrysene	1200	167	"	1670		72.0	38-132		10.8	30	
Dibenzo(a,h)anthracene	1610	167	"	1670		96.7	14-153		8.36	30	
Dibenzofuran	1090	167	"	1670		65.6	39-123		7.12	30	
Di-n-butyl phthalate	1300	167	"	1670		78.2	35-132		6.44	30	
1,3-Dichlorobenzene	1070	167	"	1670		64.0	22-120		7.61	30	
1,4-Dichlorobenzene	1240	167	"	1670		74.4	20-122		6.07	30	
1,2-Dichlorobenzene	1080	167	"	1670		64.9	22-121		10.5	30	
3,3'-Dichlorobenzidine	1520	333	"	1670		91.3	16-177		16.8	30	
2,4-Dichlorophenol	1090	167	"	1670		65.5	30-134		5.12	30	
Diethyl phthalate	1440	167	"	1670		86.1	41-125		9.64	30	
2,4-Dimethylphenol	926	167	"	1670		55.6	33-120		9.13	30	
Dimethyl phthalate	1390	167	"	1670		83.6	39-125		7.90	30	
4,6-Dinitro-2-methylphenol	1310	167	"	1670		78.4	10-165		13.6	30	
2,4-Dinitrophenol	1170	333	"	1670		70.0	53-209		3.95	30	
2,4-Dinitrotoluene	1180	167	"	1670		70.8	41-129		7.45	30	
2,6-Dinitrotoluene	1140	167	"	1670		68.5	42-130		13.2	30	
Di-n-octyl phthalate	1380	167	"	1670		83.0	19-162		10.2	30	
Bis(2-ethylhexyl)phthalate	1210	167	"	1670		72.3	35-137		9.88	30	
Fluoranthene	1250	167	"	1670		74.9	35-136		6.01	30	
Fluorene	1360	167	"	1670		81.4	33-134		9.70	30	
Hexachlorobenzene	1600	167	"	1670		96.2	31-139		2.81	30	
Hexachlorobutadiene	1370	167	"	1670		82.1	19-137		10.3	30	
Hexachlorocyclopentadiene	1290	167	"	1670		77.3	10-145		7.86	30	
Hexachloroethane	1240	167	"	1670		74.3	12-125		10.6	30	
Indeno(1,2,3-cd)pyrene	1600	167	"	1670		96.3	11-155		10.3	30	
Isophorone	1100	167	"	1670		66.2	30-125		8.28	30	
2-Methylnaphthalene	921	167	"	1670		55.3	30-125		7.22	30	
2-Methylphenol	1050	167	"	1670		63.3	30-128		7.54	30	
3- & 4-Methylphenols	955	167	"	1670		57.3	30-120		8.42	30	
Naphthalene	1030	167	"	1670		62.0	28-121		5.10	30	
3-Nitroaniline	1200	167	"	1670		72.0	10-234		9.24	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK30619 - EPA 3550B											
LCS Dup (BK30619-BSD1)									Prepared: 11/13/2013 Analyzed: 11/14/2013		
2-Nitroaniline	1260	167	ug/kg wet	1670		75.8	38-130		4.76	30	
4-Nitroaniline	1120	167	"	1670		67.4	10-208		7.67	30	
Nitrobenzene	1080	167	"	1670		64.7	28-118		8.01	30	
2-Nitrophenol	1090	167	"	1670		65.2	23-129		6.70	30	
4-Nitrophenol	1680	167	"	1670		101	10-185		6.20	30	
N-nitroso-di-n-propylamine	1280	167	"	1670		76.6	21-136		7.05	30	
N-Nitrosodimethylamine	703	167	"	1670		42.2	10-131		38.5	30	Non-dir.
N-Nitrosodiphenylamine	1920	167	"	1670		115	36-163		9.57	30	
Pentachlorophenol	1360	167	"	1670		81.9	15-182		12.4	30	
Phenanthrene	1090	167	"	1670		65.1	37-132		6.97	30	
Phenol	761	167	"	1670		45.7	28-124		10.1	30	
Pyrene	1110	167	"	1670		66.6	30-147		11.5	30	
Pyridine	560	167	"	1670		33.6	10-113		8.43	30	
1,2,4-Trichlorobenzene	998	167	"	1670		59.9	22-129		7.43	30	
2,4,6-Trichlorophenol	1170	167	"	1670		70.3	36-130		9.15	30	
2,4,5-Trichlorophenol	1140	167	"	1670		68.3	34-126		9.22	30	
Surrogate: 2-Fluorophenol	*1350*		*"*	*2500*		*53.9*	*10-109*				
Surrogate: Phenol-d5	*1120*		*"*	*2510*		*44.7*	*10-124*				
Surrogate: Nitrobenzene-d5	*1010*		*"*	*1680*		*60.2*	*10-148*				
Surrogate: 2-Fluorobiphenyl	*927*		*"*	*1670*		*55.6*	*10-111*				
Surrogate: 2,4,6-Tribromophenol	*2040*		*"*	*2510*		*81.4*	*10-142*				
Surrogate: Terphenyl-d14	*974*		*"*	*1680*		*58.0*	*10-147*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK30621 - EPA 3550B											
Blank (BK30621-BLK1)											
Prepared: 11/13/2013 Analyzed: 11/14/2013											
Toxaphene	ND	16.7	ug/kg wet								
Methoxychlor	ND	1.65	"								
Heptachlor epoxide	ND	0.330	"								
Heptachlor	ND	0.330	"								
gamma-BHC (Lindane)	ND	0.330	"								
Endrin ketone	ND	0.330	"								
Endrin aldehyde	ND	0.330	"								
Endrin	ND	0.330	"								
Endosulfan sulfate	ND	0.330	"								
Endosulfan II	ND	0.330	"								
Endosulfan I	ND	0.330	"								
Dieldrin	ND	0.330	"								
delta-BHC	ND	0.330	"								
Chlordane, total	ND	1.32	"								
beta-BHC	ND	0.330	"								
alpha-BHC	ND	0.330	"								
Aldrin	ND	0.330	"								
4,4'-DDT	ND	0.330	"								
4,4'-DDE	ND	0.330	"								
4,4'-DDD	ND	0.330	"								
Aroclor 1260	ND	17.0	"								
Aroclor 1254	ND	17.0	"								
Aroclor 1248	ND	17.0	"								
Aroclor 1242	ND	17.0	"								
Aroclor 1232	ND	17.0	"								
Aroclor 1221	ND	17.0	"								
Aroclor 1016	ND	17.0	"								
Total PCBs	ND	17.0	"								
Surrogate: Tetrachloro-m-xylene	*57.1*		*"*	*66.7*		*85.6*	*30-140*				
Surrogate: Decachlorobiphenyl	*61.1*		*"*	*67.0*		*91.2*	*30-140*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK30621 - EPA 3550B											
LCS (BK30621-BS1)									Prepared: 11/13/2013 Analyzed: 11/14/2013		
Methoxychlor	30.9	1.65	ug/kg wet	33.3		92.6	40-140				
Heptachlor epoxide	28.9	0.330	"	33.3		86.6	40-140				
Heptachlor	30.0	0.330	"	33.3		90.1	40-140				
gamma-BHC (Lindane)	28.1	0.330	"	33.3		84.4	40-140				
Endrin ketone	27.5	0.330	"	33.3		82.4	40-140				
Endrin aldehyde	24.5	0.330	"	33.3		73.5	40-140				
Endrin	33.0	0.330	"	33.3		99.0	40-140				
Endosulfan sulfate	27.7	0.330	"	33.3		83.2	40-140				
Endosulfan II	30.8	0.330	"	33.3		92.4	40-140				
Endosulfan I	29.0	0.330	"	33.3		87.1	40-140				
Dieldrin	28.5	0.330	"	33.3		85.4	40-140				
delta-BHC	29.1	0.330	"	33.3		87.2	40-140				
beta-BHC	27.5	0.330	"	33.3		82.4	40-140				
alpha-BHC	28.9	0.330	"	33.3		86.6	40-140				
Aldrin	28.6	0.330	"	33.3		85.9	40-140				
4,4'-DDT	32.9	0.330	"	33.3		98.6	40-140				
4,4'-DDE	22.9	0.330	"	33.3		68.8	40-140				
4,4'-DDD	31.8	0.330	"	33.3		95.5	40-140				
Surrogate: Tetrachloro-m-xylene	*55.6*		*"*	*66.7*		*83.4*	*30-140*				
Surrogate: Decachlorobiphenyl	*59.8*		*"*	*67.0*		*89.3*	*30-140*				
LCS (BK30621-BS2)									Prepared: 11/13/2013 Analyzed: 11/14/2013		
Aroclor 1260	350	17.0	ug/kg wet	333		105	40-130				
Aroclor 1016	342	17.0	"	333		103	40-130				
Surrogate: Tetrachloro-m-xylene	*60.0*		*"*	*66.7*		*90.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*66.0*		*"*	*67.0*		*98.5*	*30-140*				
LCS Dup (BK30621-BSD1)									Prepared: 11/13/2013 Analyzed: 11/14/2013		
Methoxychlor	31.4	1.65	ug/kg wet	33.3		94.2	40-140		1.75	30	
Heptachlor epoxide	28.1	0.330	"	33.3		84.3	40-140		2.60	30	
Heptachlor	29.3	0.330	"	33.3		87.8	40-140		2.59	30	
gamma-BHC (Lindane)	27.2	0.330	"	33.3		81.7	40-140		3.23	30	
Endrin ketone	26.0	0.330	"	33.3		77.9	40-140		5.53	30	
Endrin aldehyde	22.8	0.330	"	33.3		68.3	40-140		7.42	30	
Endrin	32.1	0.330	"	33.3		96.4	40-140		2.62	30	
Endosulfan sulfate	27.7	0.330	"	33.3		83.0	40-140		0.197	30	
Endosulfan II	30.1	0.330	"	33.3		90.4	40-140		2.23	30	
Endosulfan I	29.0	0.330	"	33.3		86.9	40-140		0.216	30	
Dieldrin	27.8	0.330	"	33.3		83.4	40-140		2.34	30	
delta-BHC	27.3	0.330	"	33.3		82.0	40-140		6.11	30	
beta-BHC	26.1	0.330	"	33.3		78.2	40-140		5.22	30	
alpha-BHC	27.7	0.330	"	33.3		83.1	40-140		4.07	30	
Aldrin	27.7	0.330	"	33.3		83.0	40-140		3.41	30	
4,4'-DDT	32.5	0.330	"	33.3		97.5	40-140		1.12	30	
4,4'-DDE	21.7	0.330	"	33.3		65.2	40-140		5.40	30	
4,4'-DDD	30.6	0.330	"	33.3		91.8	40-140		3.88	30	
Surrogate: Tetrachloro-m-xylene	*53.0*		*"*	*66.7*		*79.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*58.4*		*"*	*67.0*		*87.1*	*30-140*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK30624 - EPA 3050B											
Blank (BK30624-BLK1)											Prepared & Analyzed: 11/13/2013
Aluminum	ND	1.00	mg/kg wet								
Antimony	ND	0.500	"								
Arsenic	ND	1.00	"								
Barium	ND	1.00	"								
Beryllium	ND	0.100	"								
Cadmium	ND	0.300	"								
Calcium	ND	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.500	"								
Copper	ND	0.500	"								
Iron	ND	2.00	"								
Lead	ND	0.300	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	0.500	"								
Potassium	ND	5.00	"								
Selenium	ND	1.00	"								
Silver	ND	0.500	"								
Sodium	ND	10.0	"								
Thallium	ND	1.00	"								
Vanadium	ND	1.00	"								
Zinc	ND	1.00	"								
Reference (BK30624-SRM1)											Prepared & Analyzed: 11/13/2013
Aluminum	5630	1.00	mg/kg wet	9060		62.2	42.6-157				
Antimony	108	0.500	"	106		102	23.1-256				
Arsenic	171	1.00	"	182		93.7	70.9-130				
Barium	128	1.00	"	143		89.6	72.7-128				
Beryllium	91.4	0.100	"	98.3		93.0	74.6-125				
Cadmium	53.5	0.300	"	60.4		88.6	73.2-129				
Calcium	5260	5.00	"	6040		87.1	73.7-126				
Chromium	109	0.500	"	125		86.8	69.8-130				
Cobalt	149	0.500	"	163		91.2	74.2-125				
Copper	79.4	0.500	"	80.1		99.2	73.7-130				
Iron	9350	2.00	"	12900		72.5	32.3-168				
Lead	120	0.300	"	136		87.9	73.1-127				
Magnesium	2040	5.00	"	2640		77.2	64-136				
Manganese	245	0.500	"	279		88.0	74.2-126				
Nickel	125	0.500	"	128		97.5	73.1-130				
Potassium	2220	5.00	"	2820		78.7	62.1-138				
Selenium	82.6	1.00	"	85.9		96.1	63.9-136				
Silver	54.1	0.500	"	61.3		88.2	66.9-133				
Sodium	377	10.0	"	439		86.0	48.3-152				
Thallium	128	1.00	"	144		88.9	68.3-132				
Vanadium	89.8	1.00	"	104		86.3	66-134				
Zinc	176	1.00	"	204		86.1	69.6-133				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK30647 - EPA 7473 soil											
Blank (BK30647-BLK1)									Prepared & Analyzed: 11/14/2013		
Mercury	ND	0.000800	mg/kg wet								
Reference (BK30647-SRM1)									Prepared & Analyzed: 11/14/2013		
Mercury	4.17		mg/kg	3.73		112	68.6-131				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK30653 - EPA SW846-3060											
Blank (BK30653-BLK1)									Prepared & Analyzed: 11/14/2013		
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BK30653-SRM1)									Prepared & Analyzed: 11/14/2013		
Chromium, Hexavalent	40.8		mg/L	76.7		53.2	20.2-180				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
13K0387-01	SP-5 (0'-2')	40mL Vial with Stir Bar-Cool 4° C
13K0387-02	SP-5 (8'-10')	40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C

Notes and Definitions

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.

ND	Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
MDL	METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two.
For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the MDL, with values between the MDL and the RL being "J" flagged as estimated results.

YORK ANALYTICAL LABORATORIES INC
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 13K0387

YOUR Information

Company: Hydrotech
Address: 150 Earle Ave
Brooklyn NY
Phone No. 718 638-0800
Contact Person: Paul Mathy
E-Mail Address: PMathy@hotcoffee.com

Report To:

Company: J
Address: A
Phone No. M
Attention: E
E-Mail Address:

Invoice To:

Company: S
Address: A
Phone No. M
Attention: E
E-Mail Address:

YOUR Project ID

825-827 Boerum St
Brooklyn

Purchase Order No.

Samples from: CT ___ NY ✓ NJ ___

Turn-Around Time

- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard (5-7 Days) ✓ (7 day)

Report Type

- Summary Report ____
- Summary w/ QA Summary ____
- CT RCP Package ____
- CTRCP DQA/DUE Pkg ____
- NY ASP A Package ____
- NY ASP B Package ____
- NJDEP Red. Deliv. ____

Electronic Data Deliverables (EDD)

- Simple Excel ____
- NYSDEC EQuIS ____
- EQuIS (std) ____
- EZ-EDD (EQuIS) ____
- NJDEP SRP HazSite EDD ____
- GIS/KEY (std) ____
- Other ____
- **York Regulatory Comparison**
- **Excel Spreadsheet**

Compare to the following Regs. (please fill in):

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Carlos Quinones

Name (printed)

Matrix Codes

S - soil
Other - specify (oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
SB-5 (0'-2')	11/7/13 AM	S	8260, 8270, 8081/8082, Tal Metals, Chromium Hexavalent	2 (8) oz jars + Terrain
SB-5 (8'-10')	11/7/13 AM	S	" " " " " Chromium Trivalent	1

Comments

E-designation Project

Preservation Check those Applicable

4°C ___ Frozen ___ HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other ___

Special Instructions

Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By — Date/Time: 11-12-13 1300

Samples Relinquished By — Date/Time:

Samples Received By — Date/Time: K.Bada 11/12/13 1390

Samples Received in LAB by — Date/Time: Grace 11-12-13 1800

Temperature on Receipt 4.2 °C

Table of Contents

APPENDIX-E

LABORATORY DATA DELIVERABLES FOR GROUNDWATER ANALYTICAL DATA

SOUTH MALL ANALYTICAL LABS, INC.™

26 NORTH MALL • PLAINVIEW, NY 11803
(516) 293-2191 • FAX (516) 293-3152
E-Mail: Info@SouthMallLabs.com
Website: www.SouthMallLabs.com

December 19, 2007

Analytical Results

Hydro Tech Environmental
2171 Jericho Turnpike Suite 345
Commack, NY 11725

Att: Xuan Xu

Sample Description: Water - 225-227 Boeum Street, DRAFT: GP-1 - 12/10/07 08:00
Sample Collected By: Hydro Tech Environmental
Purchase Order: 2554
Date Samples Received: 12/11/07 08:30
Lab ID Number: 0712079-01 Sample

Analyte	Results	Qual	Units	RL	Analyzed	By	Method
Aluminum	**25.9**		mg/L	1.21	12/17/07 17:39	MEM	SW 6010B
Antimony	<0.009		mg/L	0.009	12/17/07 16:24	MEM	SW 6010B
Arsenic	<0.005		mg/L	0.005	12/17/07 16:24	MEM	SW 6010B
Barium	**1.61**		mg/L	0.001	12/17/07 16:24	MEM	SW 6010B
Beryllium	**0.010**		mg/L	0.001	12/17/07 16:24	MEM	SW 6010B
Cadmium	**0.010**		mg/L	0.001	12/17/07 16:24	MEM	SW 6010B
Calcium	**253**		mg/L	3.00	12/17/07 17:39	MEM	SW 6010B
Chromium	**0.318**		mg/L	0.002	12/17/07 16:24	MEM	SW 6010B
Cobalt	**0.186**		mg/L	0.001	12/17/07 16:24	MEM	SW 6010B
Copper	**0.261**		mg/L	0.004	12/17/07 16:24	MEM	SW 6010B
Iron	**52.5**	QB-01, B	mg/L	0.400	12/17/07 17:39	MEM	SW 6010B
Lead	**0.165**		mg/L	0.015	12/17/07 16:24	MEM	SW 6010B
Magnesium	**71.3**		mg/L	0.700	12/17/07 17:39	MEM	EPA 6010B
Manganese	**53.5**		mg/L	0.100	12/17/07 17:39	MEM	SW 6010B
Nickel	**0.124**		mg/L	0.002	12/17/07 16:24	MEM	SW 6010B
Potassium	**19.6**	QB-01, B	mg/L	1.00	12/17/07 17:39	MEM	SW 6010B
Selenium	<0.010		mg/L	0.010	12/17/07 16:24	MEM	SW 6010B
Silver	<0.025		mg/L	0.025	12/17/07 16:24	MEM	SW 6010B
Sodium	**147**		mg/L	1.00	12/17/07 17:39	MEM	SW 6010B
Thallium	<0.005		mg/L	0.005	12/17/07 16:24	MEM	SW 6010B
Vanadium	**0.205**		mg/L	0.002	12/17/07 16:24	MEM	SW 6010B
Zinc	**0.451**	QB-01, B	mg/L	0.002	12/17/07 16:24	MEM	SW 6010B
Benzene	<1.00		ug/L	1.00	12/12/07 15:53	AR	SW 8260B
Bromobenzene	<2.00		ug/L	2.00	12/12/07 15:53	AR	SW 8260B
Bromochloromethane	<1.00		ug/L	1.00	12/12/07 15:53	AR	SW 8260B

SOUTH MALL ANALYTICAL LABS, INC.™

Lab ID Number: 0712079-01

Analyte	Results	Qual	Units	RL	Analyzed	By	Method
Bromodichloromethane	<5.00		ug/L	5.00	12/12/07 15:53	AR	SW 8260B
Bromoform	<1.00		ug/L	1.00	12/12/07 15:53	AR	SW 8260B
Bromomethane	<2.00		ug/L	2.00	12/12/07 15:53	AR	SW 8260B
n-Butylbenzene	<1.00		ug/L	1.00	12/12/07 15:53	AR	SW 8260B
sec-Butylbenzene	<1.00		ug/L	1.00	12/12/07 15:53	AR	SW 8260B
tert-Butylbenzene	<1.00		ug/L	1.00	12/12/07 15:53	AR	SW 8260B
Carbon Tetrachloride	<2.00		ug/L	2.00	12/12/07 15:53	AR	SW 8260B
Chlorobenzene	<1.00		ug/L	1.00	12/12/07 15:53	AR	SW 8260B
Chloroethane	<2.00		ug/L	2.00	12/12/07 15:53	AR	SW 8260B
Chloroform	<1.00		ug/L	1.00	12/12/07 15:53	AR	SW 8260B
Chloromethane	<2.00		ug/L	2.00	12/12/07 15:53	AR	SW 8260B
2-Chlorotoluene	<2.00		ug/L	2.00	12/12/07 15:53	AR	SW 8260B
4-Chlorotoluene	<2.00		ug/L	2.00	12/12/07 15:53	AR	SW 8260B
Dibromochloromethane	<5.00		ug/L	5.00	12/12/07 15:53	AR	SW 8260B
1,2-Dibromo-3-chloropropane	<2.00		ug/L	2.00	12/12/07 15:53	AR	SW 8260B
1,2-Dibromoethane	<2.00		ug/L	2.00	12/12/07 15:53	AR	SW 8260B
Dibromomethane	<1.00		ug/L	1.00	12/12/07 15:53	AR	SW 8260B
1,2-Dichlorobenzene	<1.00		ug/L	1.00	12/12/07 15:53	AR	SW 8260B
1,3-Dichlorobenzene	<2.00		ug/L	2.00	12/12/07 15:53	AR	SW 8260B
1,4-Dichlorobenzene	<1.00		ug/L	1.00	12/12/07 15:53	AR	SW 8260B
Dichlorodifluoromethane	<1.00		ug/L	1.00	12/12/07 15:53	AR	SW 8260B
1,1-Dichloroethane	<2.00		ug/L	2.00	12/12/07 15:53	AR	SW 8260B
1,2-Dichloroethane	<1.00		ug/L	1.00	12/12/07 15:53	AR	SW 8260B
1,1-Dichloroethene	<1.00		ug/L	1.00	12/12/07 15:53	AR	SW 8260B
cis-1,2-Dichloroethene	<1.00		ug/L	1.00	12/12/07 15:53	AR	SW 8260B
trans-1,2-Dichloroethene	<1.00		ug/L	1.00	12/12/07 15:53	AR	SW 8260B
1,2-Dichloropropane	<2.00		ug/L	2.00	12/12/07 15:53	AR	SW 8260B
1,3-Dichloropropane	<1.00		ug/L	1.00	12/12/07 15:53	AR	SW 8260B
2,2-Dichloropropane	<2.00		ug/L	2.00	12/12/07 15:53	AR	SW 8260B
1,1-Dichloropropene	<2.00		ug/L	2.00	12/12/07 15:53	AR	SW 8260B
cis-1,3-Dichloropropene	<1.00		ug/L	1.00	12/12/07 15:53	AR	SW 8260B
trans-1,3-Dichloropropene	<1.00		ug/L	1.00	12/12/07 15:53	AR	SW 8260B
Ethylbenzene	<2.00		ug/L	2.00	12/12/07 15:53	AR	SW 8260B
Hexachlorobutadiene	<1.00		ug/L	1.00	12/12/07 15:53	AR	SW 8260B
Isopropylbenzene	<2.00		ug/L	2.00	12/12/07 15:53	AR	SW 8260B
4-Isopropyltoluene	<1.00		ug/L	1.00	12/12/07 15:53	AR	SW 8260B
Methyl-tert-Butyl Ether	<1.00		ug/L	1.00	12/12/07 15:53	AR	SW 8260B
Methylene Chloride	<10.0		ug/L	10.0	12/12/07 15:53	AR	SW 8260B
Naphthalene	<5.00		ug/L	5.00	12/12/07 15:53	AR	SW 8260B

SOUTH MALL ANALYTICAL LABS, INC.™

Lab ID Number: 0712079-01

Analyte	Results	Qual	Units	RL	Analyzed	By	Method
n-Propylbenzene	<2.00		ug/L	2.00	12/12/07 15:53	AR	SW 8260B
Styrene	<1.00		ug/L	1.00	12/12/07 15:53	AR	SW 8260B
1,1,1,2-Tetrachloroethane	<1.00		ug/L	1.00	12/12/07 15:53	AR	SW 8260B
1,1,2,2-Tetrachloroethane	<2.00		ug/L	2.00	12/12/07 15:53	AR	SW 8260B
Tetrachloroethene	<1.00		ug/L	1.00	12/12/07 15:53	AR	SW 8260B
Toluene	<1.00		ug/L	1.00	12/12/07 15:53	AR	SW 8260B
1,2,3-Trichlorobenzene	<2.00		ug/L	2.00	12/12/07 15:53	AR	SW 8260B
1,2,4-Trichlorobenzene	<1.00		ug/L	1.00	12/12/07 15:53	AR	SW 8260B
1,1,1-Trichloroethane	<1.00		ug/L	1.00	12/12/07 15:53	AR	SW 8260B
1,1,2-Trichloroethane	<2.00		ug/L	2.00	12/12/07 15:53	AR	SW 8260B
Trichloroethene	**10.7**		ug/L	1.00	12/12/07 15:53	AR	SW 8260B
Trichlorofluoromethane	<1.00		ug/L	1.00	12/12/07 15:53	AR	SW 8260B
1,2,3-Trichloropropane	<5.00		ug/L	5.00	12/12/07 15:53	AR	SW 8260B
1,2,4-Trimethylbenzene	<1.00		ug/L	1.00	12/12/07 15:53	AR	SW 8260B
1,3,5-Trimethylbenzene	<1.00		ug/L	1.00	12/12/07 15:53	AR	SW 8260B
Vinyl chloride	<5.00		ug/L	5.00	12/12/07 15:53	AR	SW 8260B
m,p-Xylenes	<2.00		ug/L	2.00	12/12/07 15:53	AR	SW 8260B
o-Xylene	<1.00		ug/L	1.00	12/12/07 15:53	AR	SW 8260B
Extracted 12/14/07 by Separatory Funnel Extraction for SW 8270C.							
Acenaphthene	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
Acenaphthylene	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
Anthracene	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
Benzo (a) anthracene	<2.00		ug/L	2.00	12/19/07 10:03	AR	SW 8270C
Benzo (a) pyrene	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
Benzo (b) fluoranthene	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
Benzo (g,h,i) perylene	<10.0		ug/L	10.0	12/19/07 10:03	AR	SW 8270C
Benzo (k) fluoranthene	<10.0		ug/L	10.0	12/19/07 10:03	AR	SW 8270C
4-Bromophenyl phenyl ether	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
Butyl benzyl phthalate	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
4-Chloroaniline	<10.0		ug/L	10.0	12/19/07 10:03	AR	SW 8270C
Bis(2-chloroethoxy)methane	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
Bis(2-chloroethyl)ether	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
Bis(2-chloroisopropyl)ether	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
2-Chloronaphthalene	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
4-Chlorophenyl phenyl ether	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
Chrysene	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
Dibenz (a,h) anthracene	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
Dibenzofuran	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C

SOUTH MALL ANALYTICAL LABS, INC.™

Lab ID Number: **0712079-01**

Analyte	Results	Qual	Units	RL	Analyzed	By	Method
Di-n-butyl phthalate	**20.2**	B	ug/L	5.00	12/19/07 10:03	AR	SW 8270C
1,2-Dichlorobenzene	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
1,4-Dichlorobenzene	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
1,3-Dichlorobenzene	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
3,3´-Dichlorobenzidine	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
Diethyl phthalate	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
Dimethyl phthalate	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
2,4-Dinitrotoluene	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
2,6-Dinitrotoluene	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
Di-n-octyl phthalate	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
Bis(2-ethylhexyl)phthalate	**10.1**		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
Fluoranthene	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
Fluorene	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
Hexachlorobenzene	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
Hexachlorobutadiene	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
Hexachlorocyclopentadiene	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
Hexachloroethane	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
Indeno (1,2,3-cd) pyrene	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
Isophorone	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
2-Methylnaphthalene	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
Naphthalene	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
3-Nitroaniline	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
2-Nitroaniline	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
4-Nitroaniline	<10.0		ug/L	10.0	12/19/07 10:03	AR	SW 8270C
Nitrobenzene	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
N-Nitrosodiphenylamine	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
N-Nitrosodi-n-propylamine	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
Phenanthrene	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
Pyrene	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C
1,2,4-Trichlorobenzene	<5.00		ug/L	5.00	12/19/07 10:03	AR	SW 8270C

SOUTH MALL ANALYTICAL LABS, INC.™

Lab ID Number: 0712079-01

Analyte	Results	Qual	Units	RL	Analyzed	By	Method
Extracted 12/14/07 by Separatory Funnel Extraction for SW 8081.							
alpha-BHC	<0.01		ug/L	0.01	12/18/07 15:23	AR	SW 8081
alpha-Chlordane	<0.01		ug/L	0.01	12/18/07 15:23	AR	SW 8081
beta-BHC	<0.01		ug/L	0.01	12/18/07 15:23	AR	SW 8081
Aldrin	<0.01		ug/L	0.01	12/18/07 15:23	AR	SW 8081
gamma-BHC (Lindane)	<0.01		ug/L	0.01	12/18/07 15:23	AR	SW 8081
gamma-Chlordane	<0.01		ug/L	0.01	12/18/07 15:23	AR	SW 8081
Heptachlor	<0.01		ug/L	0.01	12/18/07 15:23	AR	SW 8081
Heptachlor epoxide	<0.01		ug/L	0.01	12/18/07 15:23	AR	SW 8081
delta-BHC	<0.01		ug/L	0.01	12/18/07 15:23	AR	SW 8081
Endosulfan I	<0.05		ug/L	0.05	12/18/07 15:23	AR	SW 8081
Endosulfan II	<0.05		ug/L	0.05	12/18/07 15:23	AR	SW 8081
Endosulfan sulfate	<0.05		ug/L	0.05	12/18/07 15:23	AR	SW 8081
Endrin	<0.05		ug/L	0.05	12/18/07 15:23	AR	SW 8081
Endrin aldehyde	<0.05		ug/L	0.05	12/18/07 15:23	AR	SW 8081
Endrin ketone	<0.05		ug/L	0.05	12/18/07 15:23	AR	SW 8081
4,4´-DDD	<0.05		ug/L	0.05	12/18/07 15:23	AR	SW 8081
4,4´-DDE	<0.05		ug/L	0.05	12/18/07 15:23	AR	SW 8081
4,4´-DDT	<0.05		ug/L	0.05	12/18/07 15:23	AR	SW 8081
Methoxychlor	<0.10		ug/L	0.10	12/18/07 15:23	AR	SW 8081
Dieldrin	<0.05		ug/L	0.05	12/18/07 15:23	AR	SW 8081
Chlordane (technical)	<0.10		ug/L	0.10	12/18/07 15:23	AR	SW 8081
Toxaphene	<0.10		ug/L	0.10	12/18/07 15:23	AR	SW 8081
Extracted 12/14/07 by Separatory Funnel Extraction for SW 8082.							
Aroclor 1016	<0.400		ug/L	0.400	12/18/07 15:17	AR	SW 8082
Aroclor 1221	<0.400		ug/L	0.400	12/18/07 15:17	AR	SW 8082
Aroclor 1232	<0.400		ug/L	0.400	12/18/07 15:17	AR	SW 8082
Aroclor 1242	<0.400		ug/L	0.400	12/18/07 15:17	AR	SW 8082
Aroclor 1248	<0.400		ug/L	0.400	12/18/07 15:17	AR	SW 8082
Aroclor 1254	<0.400		ug/L	0.400	12/18/07 15:17	AR	SW 8082
Aroclor 1260	<0.400		ug/L	0.400	12/18/07 15:17	AR	SW 8082

References & Qualifiers

EPA - 40 Code of Federal Regulations, Part 136, October 26, 1984.

SW - SW 846 3rd Edition.

SM - Standard Methods for the Examination of Water and Wastewater, 18th edition.

LT - Lachat Method Manual, "*Methods List for Automated Ion Analyzers*" ,February 2004

QM-07 - The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

QB-01 - The method blank contains analyte at a concentration above the MRL; however, concentration is less than 10% of the sample result, which is negligible according to method criteria.

B - Analyte is found in the associated blank as well as in the sample.

SOUTH MALL ANALYTICAL LABS, INC.™

26 NORTH MALL • PLAINVIEW, NY 11803
(516) 293-2191 • FAX (516) 293-3152
E-Mail: Info@SouthMallLabs.com
Website: www.SouthMallLabs.com

December 19, 2007

Analytical Results

Hydro Tech Environmental
2171 Jericho Turnpike Suite 345
Commack, NY 11725

Att: Xuan Xu

Sample Description: Water - 225-227 Boeum Street, DRAFT: GP-2 - 12/10/07 08:00
Sample Collected By: Hydro Tech Environmental
Purchase Order: 2554
Date Samples Received: 12/11/07 08:30
Lab ID Number: 0712079-02 Sample

Analyte	Results	Qual	Units	RL	Analyzed	By	Method
Aluminum	**30.5**		mg/L	1.21	12/17/07 17:43	MEM	SW 6010B
Antimony	<0.009		mg/L	0.009	12/17/07 16:27	MEM	SW 6010B
Arsenic	<0.005		mg/L	0.005	12/17/07 16:27	MEM	SW 6010B
Barium	**4.01**		mg/L	0.001	12/17/07 16:27	MEM	SW 6010B
Beryllium	**0.004**		mg/L	0.001	12/17/07 16:27	MEM	SW 6010B
Cadmium	**0.008**		mg/L	0.001	12/17/07 16:27	MEM	SW 6010B
Calcium	**271**		mg/L	3.00	12/17/07 17:43	MEM	SW 6010B
Chromium	**0.330**		mg/L	0.002	12/17/07 16:27	MEM	SW 6010B
Cobalt	**0.143**		mg/L	0.001	12/17/07 16:27	MEM	SW 6010B
Copper	**0.300**		mg/L	0.004	12/17/07 16:27	MEM	SW 6010B
Iron	**43.3**	QB-01, B	mg/L	0.400	12/17/07 17:43	MEM	SW 6010B
Lead	**0.038**		mg/L	0.015	12/17/07 16:27	MEM	SW 6010B
Magnesium	**42.0**		mg/L	0.700	12/17/07 17:43	MEM	EPA 6010B
Manganese	**64.3**		mg/L	0.100	12/17/07 17:43	MEM	SW 6010B
Nickel	**0.133**		mg/L	0.002	12/17/07 16:27	MEM	SW 6010B
Potassium	**23.7**	QB-01, B	mg/L	1.00	12/17/07 17:43	MEM	SW 6010B
Selenium	<0.010		mg/L	0.010	12/17/07 16:27	MEM	SW 6010B
Silver	<0.025		mg/L	0.025	12/17/07 16:27	MEM	SW 6010B
Sodium	**102**		mg/L	1.00	12/17/07 17:43	MEM	SW 6010B
Thallium	<0.005		mg/L	0.005	12/17/07 16:27	MEM	SW 6010B
Vanadium	**0.023**		mg/L	0.002	12/17/07 16:27	MEM	SW 6010B
Zinc	**0.348**	QB-01, B	mg/L	0.002	12/17/07 16:27	MEM	SW 6010B
Benzene	<1.00		ug/L	1.00	12/12/07 16:33	AR	SW 8260B
Bromobenzene	<2.00		ug/L	2.00	12/12/07 16:33	AR	SW 8260B
Bromochloromethane	<1.00		ug/L	1.00	12/12/07 16:33	AR	SW 8260B

SOUTH MALL ANALYTICAL LABS, INC.™

Lab ID Number: **0712079-02**

Analyte	Results	Qual	Units	RL	Analyzed	By	Method
Bromodichloromethane	<5.00		ug/L	5.00	12/12/07 16:33	AR	SW 8260B
Bromoform	<1.00		ug/L	1.00	12/12/07 16:33	AR	SW 8260B
Bromomethane	<2.00		ug/L	2.00	12/12/07 16:33	AR	SW 8260B
n-Butylbenzene	<1.00		ug/L	1.00	12/12/07 16:33	AR	SW 8260B
sec-Butylbenzene	<1.00		ug/L	1.00	12/12/07 16:33	AR	SW 8260B
tert-Butylbenzene	<1.00		ug/L	1.00	12/12/07 16:33	AR	SW 8260B
Carbon Tetrachloride	<2.00		ug/L	2.00	12/12/07 16:33	AR	SW 8260B
Chlorobenzene	<1.00		ug/L	1.00	12/12/07 16:33	AR	SW 8260B
Chloroethane	<2.00		ug/L	2.00	12/12/07 16:33	AR	SW 8260B
Chloroform	<1.00		ug/L	1.00	12/12/07 16:33	AR	SW 8260B
Chloromethane	<2.00		ug/L	2.00	12/12/07 16:33	AR	SW 8260B
2-Chlorotoluene	<2.00		ug/L	2.00	12/12/07 16:33	AR	SW 8260B
4-Chlorotoluene	<2.00		ug/L	2.00	12/12/07 16:33	AR	SW 8260B
Dibromochloromethane	<5.00		ug/L	5.00	12/12/07 16:33	AR	SW 8260B
1,2-Dibromo-3-chloropropane	<2.00		ug/L	2.00	12/12/07 16:33	AR	SW 8260B
1,2-Dibromoethane	<2.00		ug/L	2.00	12/12/07 16:33	AR	SW 8260B
Dibromomethane	<1.00		ug/L	1.00	12/12/07 16:33	AR	SW 8260B
1,2-Dichlorobenzene	<1.00		ug/L	1.00	12/12/07 16:33	AR	SW 8260B
1,3-Dichlorobenzene	<2.00		ug/L	2.00	12/12/07 16:33	AR	SW 8260B
1,4-Dichlorobenzene	<1.00		ug/L	1.00	12/12/07 16:33	AR	SW 8260B
Dichlorodifluoromethane	<1.00		ug/L	1.00	12/12/07 16:33	AR	SW 8260B
1,1-Dichloroethane	<2.00		ug/L	2.00	12/12/07 16:33	AR	SW 8260B
1,2-Dichloroethane	<1.00		ug/L	1.00	12/12/07 16:33	AR	SW 8260B
1,1-Dichloroethene	<1.00		ug/L	1.00	12/12/07 16:33	AR	SW 8260B
cis-1,2-Dichloroethene	<1.00		ug/L	1.00	12/12/07 16:33	AR	SW 8260B
trans-1,2-Dichloroethene	<1.00		ug/L	1.00	12/12/07 16:33	AR	SW 8260B
1,2-Dichloropropane	<2.00		ug/L	2.00	12/12/07 16:33	AR	SW 8260B
1,3-Dichloropropane	<1.00		ug/L	1.00	12/12/07 16:33	AR	SW 8260B
2,2-Dichloropropane	<2.00		ug/L	2.00	12/12/07 16:33	AR	SW 8260B
1,1-Dichloropropene	<2.00		ug/L	2.00	12/12/07 16:33	AR	SW 8260B
cis-1,3-Dichloropropene	<1.00		ug/L	1.00	12/12/07 16:33	AR	SW 8260B
trans-1,3-Dichloropropene	<1.00		ug/L	1.00	12/12/07 16:33	AR	SW 8260B
Ethylbenzene	<2.00		ug/L	2.00	12/12/07 16:33	AR	SW 8260B
Hexachlorobutadiene	<1.00		ug/L	1.00	12/12/07 16:33	AR	SW 8260B
Isopropylbenzene	<2.00		ug/L	2.00	12/12/07 16:33	AR	SW 8260B
4-Isopropyltoluene	<1.00		ug/L	1.00	12/12/07 16:33	AR	SW 8260B
Methyl-tert-Butyl Ether	**4.05**		ug/L	1.00	12/12/07 16:33	AR	SW 8260B
Methylene Chloride	<10.0		ug/L	10.0	12/12/07 16:33	AR	SW 8260B
Naphthalene	<5.00		ug/L	5.00	12/12/07 16:33	AR	SW 8260B

SOUTH MALL ANALYTICAL LABS, INC.™

Lab ID Number: 0712079-02

Analyte	Results	Qual	Units	RL	Analyzed	By	Method
n-Propylbenzene	<2.00		ug/L	2.00	12/12/07 16:33	AR	SW 8260B
Styrene	<1.00		ug/L	1.00	12/12/07 16:33	AR	SW 8260B
1,1,1,2-Tetrachloroethane	<1.00		ug/L	1.00	12/12/07 16:33	AR	SW 8260B
1,1,2,2-Tetrachloroethane	<2.00		ug/L	2.00	12/12/07 16:33	AR	SW 8260B
Tetrachloroethene	<1.00		ug/L	1.00	12/12/07 16:33	AR	SW 8260B
Toluene	<1.00		ug/L	1.00	12/12/07 16:33	AR	SW 8260B
1,2,3-Trichlorobenzene	<2.00		ug/L	2.00	12/12/07 16:33	AR	SW 8260B
1,2,4-Trichlorobenzene	<1.00		ug/L	1.00	12/12/07 16:33	AR	SW 8260B
1,1,1-Trichloroethane	<1.00		ug/L	1.00	12/12/07 16:33	AR	SW 8260B
1,1,2-Trichloroethane	<2.00		ug/L	2.00	12/12/07 16:33	AR	SW 8260B
Trichloroethene	**2.38**		ug/L	1.00	12/12/07 16:33	AR	SW 8260B
Trichlorofluoromethane	<1.00		ug/L	1.00	12/12/07 16:33	AR	SW 8260B
1,2,3-Trichloropropane	<5.00		ug/L	5.00	12/12/07 16:33	AR	SW 8260B
1,2,4-Trimethylbenzene	<1.00		ug/L	1.00	12/12/07 16:33	AR	SW 8260B
1,3,5-Trimethylbenzene	<1.00		ug/L	1.00	12/12/07 16:33	AR	SW 8260B
Vinyl chloride	<5.00		ug/L	5.00	12/12/07 16:33	AR	SW 8260B
m,p-Xylenes	<2.00		ug/L	2.00	12/12/07 16:33	AR	SW 8260B
o-Xylene	<1.00		ug/L	1.00	12/12/07 16:33	AR	SW 8260B
Extracted 12/14/07 by Separatory Funnel Extraction for SW 8270C.							
Acenaphthene	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
Acenaphthylene	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
Anthracene	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
Benzo (a) anthracene	<2.00		ug/L	2.00	12/19/07 10:56	AR	SW 8270C
Benzo (a) pyrene	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
Benzo (b) fluoranthene	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
Benzo (g,h,i) perylene	<10.0		ug/L	10.0	12/19/07 10:56	AR	SW 8270C
Benzo (k) fluoranthene	<10.0		ug/L	10.0	12/19/07 10:56	AR	SW 8270C
4-Bromophenyl phenyl ether	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
Butyl benzyl phthalate	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
4-Chloroaniline	<10.0		ug/L	10.0	12/19/07 10:56	AR	SW 8270C
Bis(2-chloroethoxy)methane	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
Bis(2-chloroethyl)ether	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
Bis(2-chloroisopropyl)ether	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
2-Chloronaphthalene	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
4-Chlorophenyl phenyl ether	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
Chrysene	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
Dibenz (a,h) anthracene	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
Dibenzofuran	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C

SOUTH MALL ANALYTICAL LABS, INC.™

Lab ID Number: **0712079-02**

Analyte	Results	Qual	Units	RL	Analyzed	By	Method
Di-n-butyl phthalate	**23.6**	B	ug/L	5.00	12/19/07 10:56	AR	SW 8270C
1,2-Dichlorobenzene	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
1,4-Dichlorobenzene	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
1,3-Dichlorobenzene	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
3,3´-Dichlorobenzidine	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
Diethyl phthalate	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
Dimethyl phthalate	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
2,4-Dinitrotoluene	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
2,6-Dinitrotoluene	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
Di-n-octyl phthalate	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
Bis(2-ethylhexyl)phthalate	**10.8**		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
Fluoranthene	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
Fluorene	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
Hexachlorobenzene	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
Hexachlorobutadiene	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
Hexachlorocyclopentadiene	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
Hexachloroethane	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
Indeno (1,2,3-cd) pyrene	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
Isophorone	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
2-Methylnaphthalene	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
Naphthalene	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
3-Nitroaniline	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
2-Nitroaniline	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
4-Nitroaniline	<10.0		ug/L	10.0	12/19/07 10:56	AR	SW 8270C
Nitrobenzene	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
N-Nitrosodiphenylamine	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
N-Nitrosodi-n-propylamine	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
Phenanthrene	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
Pyrene	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C
1,2,4-Trichlorobenzene	<5.00		ug/L	5.00	12/19/07 10:56	AR	SW 8270C

SOUTH MALL ANALYTICAL LABS, INC.

Lab ID Number: 0712079-02

Analyte	Results	Qual	Units	RL	Analyzed	By	Method
Extracted 12/14/07 by Separatory Funnel Extraction for SW 8081.							
alpha-BHC	<0.01		ug/L	0.01	12/18/07 15:23	AR	SW 8081
alpha-Chlordane	<0.01		ug/L	0.01	12/18/07 15:23	AR	SW 8081
beta-BHC	<0.01		ug/L	0.01	12/18/07 15:23	AR	SW 8081
Aldrin	<0.01		ug/L	0.01	12/18/07 15:23	AR	SW 8081
gamma-BHC (Lindane)	<0.01		ug/L	0.01	12/18/07 15:23	AR	SW 8081
gamma-Chlordane	<0.01		ug/L	0.01	12/18/07 15:23	AR	SW 8081
Heptachlor	<0.01		ug/L	0.01	12/18/07 15:23	AR	SW 8081
Heptachlor epoxide	<0.01		ug/L	0.01	12/18/07 15:23	AR	SW 8081
delta-BHC	<0.01		ug/L	0.01	12/18/07 15:23	AR	SW 8081
Endosulfan I	<0.05		ug/L	0.05	12/18/07 15:23	AR	SW 8081
Endosulfan II	<0.05		ug/L	0.05	12/18/07 15:23	AR	SW 8081
Endosulfan sulfate	<0.05		ug/L	0.05	12/18/07 15:23	AR	SW 8081
Endrin	<0.05		ug/L	0.05	12/18/07 15:23	AR	SW 8081
Endrin aldehyde	<0.05		ug/L	0.05	12/18/07 15:23	AR	SW 8081
Endrin ketone	<0.05		ug/L	0.05	12/18/07 15:23	AR	SW 8081
4,4´-DDD	<0.05		ug/L	0.05	12/18/07 15:23	AR	SW 8081
4,4´-DDE	<0.05		ug/L	0.05	12/18/07 15:23	AR	SW 8081
4,4´-DDT	<0.05		ug/L	0.05	12/18/07 15:23	AR	SW 8081
Methoxychlor	<0.10		ug/L	0.10	12/18/07 15:23	AR	SW 8081
Dieldrin	<0.05		ug/L	0.05	12/18/07 15:23	AR	SW 8081
Chlordane (technical)	<0.10		ug/L	0.10	12/18/07 15:23	AR	SW 8081
Toxaphene	<0.10		ug/L	0.10	12/18/07 15:23	AR	SW 8081
Extracted 12/14/07 by Separatory Funnel Extraction for SW 8082.							
Aroclor 1016	<0.400		ug/L	0.400	12/18/07 15:17	AR	SW 8082
Aroclor 1221	<0.400		ug/L	0.400	12/18/07 15:17	AR	SW 8082
Aroclor 1232	<0.400		ug/L	0.400	12/18/07 15:17	AR	SW 8082
Aroclor 1242	<0.400		ug/L	0.400	12/18/07 15:17	AR	SW 8082
Aroclor 1248	<0.400		ug/L	0.400	12/18/07 15:17	AR	SW 8082
Aroclor 1254	<0.400		ug/L	0.400	12/18/07 15:17	AR	SW 8082
Aroclor 1260	<0.400		ug/L	0.400	12/18/07 15:17	AR	SW 8082

References & Qualifiers

EPA - 40 Code of Federal Regulations, Part 136, October 26, 1984.

SW - SW 846 3rd Edition.

SM - Standard Methods for the Examination of Water and Wastewater, 18th edition.

LT - Lachat Method Manual, "*Methods List for Automated Ion Analyzers*" ,February 2004

QM-07 - The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

QB-01 - The method blank contains analyte at a concentration above the MRL; however, concentration is less than 10% of the sample result, which is negligible according to method criteria.

B - Analyte is found in the associated blank as well as in the sample.

APPENDIX-F

LABORATORY DATA DELIVERABLES FOR SOIL VAPOR ANALYTICAL DATA

Technical Report

prepared for:

Hydro Tech Environmental (Brooklyn)
15 Ocean Avenue
Brooklyn NY, 11225
Attention: Paul Matli

Report Date: 11/19/2013
Client Project ID: 225-227 Boerum St. Brooklyn, NY
York Project (SDG) No.: 13K0403

CT Cert. No. PH-0723 New Jersey Cert. No. CT-005 New York Cert. No. 10854 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 (203) 325-1371 FAX (203) 357-0166

Table of Contents

Report Date: 11/19/2013
Client Project ID: 225-227 Boerum St. Brooklyn, NY
York Project (SDG) No.: 13K0403

Hydro Tech Environmental (Brooklyn)
15 Ocean Avenue
Brooklyn NY, 11225
Attention: Paul Matli

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on November 12, 2013 and listed below. The project was identified as your project: **225-227 Boerum St. Brooklyn, NY**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
13K0403-01	SV-1/Y02	Soil Vapor	11/08/2013	11/12/2013
13K0403-02	SV-2/Y50	Soil Vapor	11/08/2013	11/12/2013
13K0403-03	SV-3/S11	Soil Vapor	11/08/2013	11/12/2013
13K0403-04	OA-1/Y56	Outdoor Ambient Ai	11/08/2013	11/12/2013

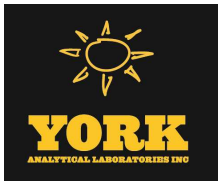
General Notes for York Project (SDG) No.: 13K0403

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By: 

Date: 11/19/2013

Benjamin Gulizia
Laboratory Director



Sample Information

Client Sample ID: **SV-1/Y02** **York Sample ID:** **13K0403-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0403	225-227 Boerum St. Brooklyn, NY	Soil Vapor	November 8, 2013 12:00 am	11/12/2013

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	7.5	7.5	28.8	EPA TO-15	11/14/2013 07:30	11/14/2013 19:44	ALD
108-05-4	Vinyl acetate	ND		ug/m³	10	10	28.8	EPA TO-15	11/14/2013 07:30	11/14/2013 19:44	ALD
79-01-6	Trichloroethylene	ND		ug/m³	7.9	7.9	28.8	EPA TO-15	11/14/2013 07:30	11/14/2013 19:44	ALD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	13	13	28.8	EPA TO-15	11/14/2013 07:30	11/14/2013 19:44	ALD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	12	12	28.8	EPA TO-15	11/14/2013 07:30	11/14/2013 19:44	ALD
108-88-3	Toluene	**100**		ug/m³	11	11	28.8	EPA TO-15	11/14/2013 07:30	11/14/2013 19:44	ALD
109-99-9	Tetrahydrofuran	ND		ug/m³	8.6	8.6	28.8	EPA TO-15	11/14/2013 07:30	11/14/2013 19:44	ALD
127-18-4	Tetrachloroethylene	**54**		ug/m³	20	20	28.8	EPA TO-15	11/14/2013 07:30	11/14/2013 19:44	ALD
100-42-5	Styrene	ND		ug/m³	12	12	28.8	EPA TO-15	11/14/2013 07:30	11/14/2013 19:44	ALD
115-07-01	Propylene	ND		ug/m³	5.0	5.0	28.8	EPA TO-15	11/14/2013 07:30	11/14/2013 19:44	ALD
622-96-8	p-Ethyltoluene	ND		ug/m³	72	72	28.8	EPA TO-15	11/14/2013 07:30	11/14/2013 19:44	ALD
179601-23-1	p- & m- Xylenes	**53**		ug/m³	25	25	28.8	EPA TO-15	11/14/2013 07:30	11/14/2013 19:44	ALD
95-47-6	o-Xylene	**15**		ug/m³	13	13	28.8	EPA TO-15	11/14/2013 07:30	11/14/2013 19:44	ALD
110-54-3	n-Hexane	**71**		ug/m³	10	10	28.8	EPA TO-15	11/14/2013 07:30	11/14/2013 19:44	ALD
142-82-5	n-Heptane	**35**		ug/m³	12	12	28.8	EPA TO-15	11/14/2013 07:30	11/14/2013 19:44	ALD
75-09-2	Methylene chloride	**13**		ug/m³	10	10	28.8	EPA TO-15	11/14/2013 07:30	11/14/2013 19:44	ALD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	11	11	28.8	EPA TO-15	11/14/2013 07:30	11/14/2013 19:44	ALD
108-10-1	4-Methyl-2-pentanone	**61**		ug/m³	12	12	28.8	EPA TO-15	11/14/2013 07:30	11/14/2013 19:44	ALD
67-63-0	Isopropanol	ND		ug/m³	7.2	7.2	28.8	EPA TO-15	11/14/2013 07:30	11/14/2013 19:44	ALD
87-68-3	Hexachlorobutadiene	ND		ug/m³	31	31	28.8	EPA TO-15	11/14/2013 07:30	11/14/2013 19:44	ALD
100-41-4	Ethyl Benzene	**22**		ug/m³	13	13	28.8	EPA TO-15	11/14/2013 07:30	11/14/2013 19:44	ALD
141-78-6	Ethyl acetate	ND		ug/m³	11	11	28.8	EPA TO-15	11/14/2013 07:30	11/14/2013 19:44	ALD
110-82-7	Cyclohexane	**16**		ug/m³	10	10	28.8	EPA TO-15	11/14/2013 07:30	11/14/2013 19:44	ALD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	13	13	28.8	EPA TO-15	11/14/2013 07:30	11/14/2013 19:44	ALD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	12	12	28.8	EPA TO-15	11/14/2013 07:30	11/14/2013 19:44	ALD
74-87-3	Chloromethane	ND		ug/m³	6.0	6.0	28.8	EPA TO-15	11/14/2013 07:30	11/14/2013 19:44	ALD
67-66-3	Chloroform	ND		ug/m³	14	14	28.8	EPA TO-15	11/14/2013 07:30	11/14/2013 19:44	ALD
75-00-3	Chloroethane	ND		ug/m³	7.7	7.7	28.8	EPA TO-15	11/14/2013 07:30	11/14/2013 19:44	ALD
56-23-5	Carbon tetrachloride	ND		ug/m³	9.2	9.2	28.8	EPA TO-15	11/14/2013 07:30	11/14/2013 19:44	ALD
75-15-0	Carbon disulfide	**41**		ug/m³	9.1	9.1	28.8	EPA TO-15	11/14/2013 07:30	11/14/2013 19:44	ALD
74-83-9	Bromomethane	ND		ug/m³	11	11	28.8	EPA TO-15	11/14/2013 07:30	11/14/2013 19:44	ALD

Sample Information

Client Sample ID: SV-1/Y02 **York Sample ID:** 13K0403-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0403	225-227 Boerum St. Brooklyn, NY	Soil Vapor	November 8, 2013 12:00 am	11/12/2013

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-25-2	Bromoform	ND		ug/m³	30	30	28.8	EPA TO-15	11/14/2013 07:30	11/14/2013 19:44	ALD
75-27-4	Bromodichloromethane	ND		ug/m³	18	18	28.8	EPA TO-15	11/14/2013 07:30	11/14/2013 19:44	ALD
100-44-7	Benzyl chloride	ND		ug/m³	15	15	28.8	EPA TO-15	11/14/2013 07:30	11/14/2013 19:44	ALD
71-43-2	Benzene	**30**		ug/m³	9.4	9.4	28.8	EPA TO-15	11/14/2013 07:30	11/14/2013 19:44	ALD
67-64-1	Acetone	**220**		ug/m³	7.0	7.0	28.8	EPA TO-15	11/14/2013 07:30	11/14/2013 19:44	ALD
591-78-6	2-Hexanone	ND		ug/m³	12	12	28.8	EPA TO-15	11/14/2013 07:30	11/14/2013 19:44	ALD
78-93-3	2-Butanone	**48**		ug/m³	8.6	8.6	28.8	EPA TO-15	11/14/2013 07:30	11/14/2013 19:44	ALD
123-91-1	1,4-Dioxane	ND		ug/m³	11	11	28.8	EPA TO-15	11/14/2013 07:30	11/14/2013 19:44	ALD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	18	18	28.8	EPA TO-15	11/14/2013 07:30	11/14/2013 19:44	ALD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	18	18	28.8	EPA TO-15	11/14/2013 07:30	11/14/2013 19:44	ALD
106-99-0	1,3-Butadiene	**100**		ug/m³	13	13	28.8	EPA TO-15	11/14/2013 07:30	11/14/2013 19:44	ALD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	14	14	28.8	EPA TO-15	11/14/2013 07:30	11/14/2013 19:44	ALD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	20	20	28.8	EPA TO-15	11/14/2013 07:30	11/14/2013 19:44	ALD
78-87-5	1,2-Dichloropropane	ND		ug/m³	14	14	28.8	EPA TO-15	11/14/2013 07:30	11/14/2013 19:44	ALD
107-06-2	1,2-Dichloroethane	ND		ug/m³	12	12	28.8	EPA TO-15	11/14/2013 07:30	11/14/2013 19:44	ALD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	18	18	28.8	EPA TO-15	11/14/2013 07:30	11/14/2013 19:44	ALD
95-63-6	1,2,4-Trimethylbenzene	**14**		ug/m³	14	14	28.8	EPA TO-15	11/14/2013 07:30	11/14/2013 19:44	ALD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	22	22	28.8	EPA TO-15	11/14/2013 07:30	11/14/2013 19:44	ALD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	12	12	28.8	EPA TO-15	11/14/2013 07:30	11/14/2013 19:44	ALD
75-34-3	1,1-Dichloroethane	ND		ug/m³	12	12	28.8	EPA TO-15	11/14/2013 07:30	11/14/2013 19:44	ALD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	16	16	28.8	EPA TO-15	11/14/2013 07:30	11/14/2013 19:44	ALD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	16	16	28.8	EPA TO-15	11/14/2013 07:30	11/14/2013 19:44	ALD
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/m³	22	22	28.8	EPA TO-15	11/14/2013 07:30	11/14/2013 19:44	ALD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	20	20	28.8	EPA TO-15	11/14/2013 07:30	11/14/2013 19:44	ALD
71-55-6	1,1,1-Trichloroethane	**16**		ug/m³	16	16	28.8	EPA TO-15	11/14/2013 07:30	11/14/2013 19:44	ALD
75-71-8	Dichlorodifluoromethane	**17**		ug/m³	14	14	28.8	EPA TO-15	11/14/2013 07:30	11/14/2013 19:44	ALD
106-93-4	1,2-Dibromoethane	ND		ug/m³	23	23	28.8	EPA TO-15	11/14/2013 07:30	11/14/2013 19:44	ALD
124-48-1	Dibromochloromethane	ND		ug/m³	24	24	28.8	EPA TO-15	11/14/2013 07:30	11/14/2013 19:44	ALD
80-62-6	Methyl Methacrylate	ND		ug/m³	12	12	28.8	EPA TO-15	11/14/2013 07:30	11/14/2013 19:44	ALD
108-90-7	Chlorobenzene	ND		ug/m³	13	13	28.8	EPA TO-15	11/14/2013 07:30	11/14/2013 19:44	ALD
	Surrogate Recoveries	**Result**			**Acceptance Range**						
460-00-4	*Surrogate: p-Bromofluorobenzene*	*77.8 %*			*70-130*						

Sample Information

Client Sample ID: SV-2/Y50 **York Sample ID:** 13K0403-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0403	225-227 Boerum St. Brooklyn, NY	Soil Vapor	November 8, 2013 12:00 am	11/12/2013

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	7.9	7.9	30.4	EPA TO-15	11/14/2013 07:30	11/14/2013 20:24	ALD
108-05-4	Vinyl acetate	ND		ug/m³	11	11	30.4	EPA TO-15	11/14/2013 07:30	11/14/2013 20:24	ALD
79-01-6	Trichloroethylene	ND		ug/m³	8.3	8.3	30.4	EPA TO-15	11/14/2013 07:30	11/14/2013 20:24	ALD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	14	14	30.4	EPA TO-15	11/14/2013 07:30	11/14/2013 20:24	ALD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	12	12	30.4	EPA TO-15	11/14/2013 07:30	11/14/2013 20:24	ALD
108-88-3	Toluene	**17**		ug/m³	12	12	30.4	EPA TO-15	11/14/2013 07:30	11/14/2013 20:24	ALD
109-99-9	Tetrahydrofuran	ND		ug/m³	9.1	9.1	30.4	EPA TO-15	11/14/2013 07:30	11/14/2013 20:24	ALD
127-18-4	Tetrachloroethylene	ND		ug/m³	21	21	30.4	EPA TO-15	11/14/2013 07:30	11/14/2013 20:24	ALD
100-42-5	Styrene	ND		ug/m³	13	13	30.4	EPA TO-15	11/14/2013 07:30	11/14/2013 20:24	ALD
115-07-01	Propylene	ND		ug/m³	5.3	5.3	30.4	EPA TO-15	11/14/2013 07:30	11/14/2013 20:24	ALD
622-96-8	p-Ethyltoluene	ND		ug/m³	76	76	30.4	EPA TO-15	11/14/2013 07:30	11/14/2013 20:24	ALD
179601-23-1	p- & m- Xylenes	ND		ug/m³	27	27	30.4	EPA TO-15	11/14/2013 07:30	11/14/2013 20:24	ALD
95-47-6	o-Xylene	ND		ug/m³	13	13	30.4	EPA TO-15	11/14/2013 07:30	11/14/2013 20:24	ALD
110-54-3	n-Hexane	ND		ug/m³	11	11	30.4	EPA TO-15	11/14/2013 07:30	11/14/2013 20:24	ALD
142-82-5	n-Heptane	ND		ug/m³	13	13	30.4	EPA TO-15	11/14/2013 07:30	11/14/2013 20:24	ALD
75-09-2	Methylene chloride	ND		ug/m³	11	11	30.4	EPA TO-15	11/14/2013 07:30	11/14/2013 20:24	ALD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	11	11	30.4	EPA TO-15	11/14/2013 07:30	11/14/2013 20:24	ALD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	13	13	30.4	EPA TO-15	11/14/2013 07:30	11/14/2013 20:24	ALD
67-63-0	Isopropanol	ND		ug/m³	7.6	7.6	30.4	EPA TO-15	11/14/2013 07:30	11/14/2013 20:24	ALD
87-68-3	Hexachlorobutadiene	ND		ug/m³	33	33	30.4	EPA TO-15	11/14/2013 07:30	11/14/2013 20:24	ALD
100-41-4	Ethyl Benzene	ND		ug/m³	13	13	30.4	EPA TO-15	11/14/2013 07:30	11/14/2013 20:24	ALD
141-78-6	Ethyl acetate	ND		ug/m³	11	11	30.4	EPA TO-15	11/14/2013 07:30	11/14/2013 20:24	ALD
110-82-7	Cyclohexane	ND		ug/m³	11	11	30.4	EPA TO-15	11/14/2013 07:30	11/14/2013 20:24	ALD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	14	14	30.4	EPA TO-15	11/14/2013 07:30	11/14/2013 20:24	ALD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	12	12	30.4	EPA TO-15	11/14/2013 07:30	11/14/2013 20:24	ALD
74-87-3	Chloromethane	ND		ug/m³	6.4	6.4	30.4	EPA TO-15	11/14/2013 07:30	11/14/2013 20:24	ALD
67-66-3	Chloroform	ND		ug/m³	15	15	30.4	EPA TO-15	11/14/2013 07:30	11/14/2013 20:24	ALD
75-00-3	Chloroethane	ND		ug/m³	8.2	8.2	30.4	EPA TO-15	11/14/2013 07:30	11/14/2013 20:24	ALD
56-23-5	Carbon tetrachloride	ND		ug/m³	9.7	9.7	30.4	EPA TO-15	11/14/2013 07:30	11/14/2013 20:24	ALD
75-15-0	Carbon disulfide	**13**		ug/m³	9.6	9.6	30.4	EPA TO-15	11/14/2013 07:30	11/14/2013 20:24	ALD
74-83-9	Bromomethane	ND		ug/m³	12	12	30.4	EPA TO-15	11/14/2013 07:30	11/14/2013 20:24	ALD

Sample Information

Client Sample ID: SV-2/Y50 **York Sample ID:** 13K0403-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0403	225-227 Boerum St. Brooklyn, NY	Soil Vapor	November 8, 2013 12:00 am	11/12/2013

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-25-2	Bromoform	ND		ug/m³	32	32	30.4	EPA TO-15	11/14/2013 07:30	11/14/2013 20:24	ALD
75-27-4	Bromodichloromethane	ND		ug/m³	19	19	30.4	EPA TO-15	11/14/2013 07:30	11/14/2013 20:24	ALD
100-44-7	Benzyl chloride	ND		ug/m³	16	16	30.4	EPA TO-15	11/14/2013 07:30	11/14/2013 20:24	ALD
71-43-2	Benzene	**9.9**		ug/m³	9.9	9.9	30.4	EPA TO-15	11/14/2013 07:30	11/14/2013 20:24	ALD
67-64-1	Acetone	**68**		ug/m³	7.3	7.3	30.4	EPA TO-15	11/14/2013 07:30	11/14/2013 20:24	ALD
591-78-6	2-Hexanone	ND		ug/m³	13	13	30.4	EPA TO-15	11/14/2013 07:30	11/14/2013 20:24	ALD
78-93-3	2-Butanone	ND		ug/m³	9.1	9.1	30.4	EPA TO-15	11/14/2013 07:30	11/14/2013 20:24	ALD
123-91-1	1,4-Dioxane	ND		ug/m³	11	11	30.4	EPA TO-15	11/14/2013 07:30	11/14/2013 20:24	ALD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	19	19	30.4	EPA TO-15	11/14/2013 07:30	11/14/2013 20:24	ALD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	19	19	30.4	EPA TO-15	11/14/2013 07:30	11/14/2013 20:24	ALD
106-99-0	1,3-Butadiene	ND		ug/m³	13	13	30.4	EPA TO-15	11/14/2013 07:30	11/14/2013 20:24	ALD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	15	15	30.4	EPA TO-15	11/14/2013 07:30	11/14/2013 20:24	ALD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	22	22	30.4	EPA TO-15	11/14/2013 07:30	11/14/2013 20:24	ALD
78-87-5	1,2-Dichloropropane	ND		ug/m³	14	14	30.4	EPA TO-15	11/14/2013 07:30	11/14/2013 20:24	ALD
107-06-2	1,2-Dichloroethane	ND		ug/m³	13	13	30.4	EPA TO-15	11/14/2013 07:30	11/14/2013 20:24	ALD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	19	19	30.4	EPA TO-15	11/14/2013 07:30	11/14/2013 20:24	ALD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	15	15	30.4	EPA TO-15	11/14/2013 07:30	11/14/2013 20:24	ALD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	23	23	30.4	EPA TO-15	11/14/2013 07:30	11/14/2013 20:24	ALD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	12	12	30.4	EPA TO-15	11/14/2013 07:30	11/14/2013 20:24	ALD
75-34-3	1,1-Dichloroethane	ND		ug/m³	13	13	30.4	EPA TO-15	11/14/2013 07:30	11/14/2013 20:24	ALD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	17	17	30.4	EPA TO-15	11/14/2013 07:30	11/14/2013 20:24	ALD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	17	17	30.4	EPA TO-15	11/14/2013 07:30	11/14/2013 20:24	ALD
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/m³	24	24	30.4	EPA TO-15	11/14/2013 07:30	11/14/2013 20:24	ALD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	21	21	30.4	EPA TO-15	11/14/2013 07:30	11/14/2013 20:24	ALD
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	17	17	30.4	EPA TO-15	11/14/2013 07:30	11/14/2013 20:24	ALD
75-71-8	Dichlorodifluoromethane	ND		ug/m³	15	15	30.4	EPA TO-15	11/14/2013 07:30	11/14/2013 20:24	ALD
106-93-4	1,2-Dibromoethane	ND		ug/m³	24	24	30.4	EPA TO-15	11/14/2013 07:30	11/14/2013 20:24	ALD
124-48-1	Dibromochloromethane	ND		ug/m³	25	25	30.4	EPA TO-15	11/14/2013 07:30	11/14/2013 20:24	ALD
80-62-6	Methyl Methacrylate	ND		ug/m³	13	13	30.4	EPA TO-15	11/14/2013 07:30	11/14/2013 20:24	ALD
108-90-7	Chlorobenzene	ND		ug/m³	14	14	30.4	EPA TO-15	11/14/2013 07:30	11/14/2013 20:24	ALD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*84.7 %*	*70-130*

Sample Information

Client Sample ID: **SV-2/Y50** **York Sample ID:** **13K0403-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0403	225-227 Boerum St. Brooklyn, NY	Soil Vapor	November 8, 2013 12:00 am	11/12/2013

Sample Information

Client Sample ID: **SV-3/S11** **York Sample ID:** **13K0403-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0403	225-227 Boerum St. Brooklyn, NY	Soil Vapor	November 8, 2013 12:00 am	11/12/2013

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.26	0.26	1	EPA TO-15	11/14/2013 07:30	11/14/2013 21:04	ALD
108-05-4	Vinyl acetate	ND		ug/m³	0.36	0.36	1	EPA TO-15	11/14/2013 07:30	11/14/2013 21:04	ALD
79-01-6	Trichloroethylene	ND		ug/m³	0.27	0.27	1	EPA TO-15	11/14/2013 07:30	11/14/2013 21:04	ALD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.46	0.46	1	EPA TO-15	11/14/2013 07:30	11/14/2013 21:04	ALD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA TO-15	11/14/2013 07:30	11/14/2013 21:04	ALD
108-88-3	Toluene	**0.69**		ug/m³	0.38	0.38	1	EPA TO-15	11/14/2013 07:30	11/14/2013 21:04	ALD
109-99-9	Tetrahydrofuran	ND		ug/m³	0.30	0.30	1	EPA TO-15	11/14/2013 07:30	11/14/2013 21:04	ALD
127-18-4	Tetrachloroethylene	ND		ug/m³	0.69	0.69	1	EPA TO-15	11/14/2013 07:30	11/14/2013 21:04	ALD
100-42-5	Styrene	ND		ug/m³	0.43	0.43	1	EPA TO-15	11/14/2013 07:30	11/14/2013 21:04	ALD
115-07-01	Propylene	ND		ug/m³	0.18	0.18	1	EPA TO-15	11/14/2013 07:30	11/14/2013 21:04	ALD
622-96-8	p-Ethyltoluene	ND		ug/m³	2.5	2.5	1	EPA TO-15	11/14/2013 07:30	11/14/2013 21:04	ALD
179601-23-1	p- & m- Xylenes	ND		ug/m³	0.88	0.88	1	EPA TO-15	11/14/2013 07:30	11/14/2013 21:04	ALD
95-47-6	o-Xylene	ND		ug/m³	0.44	0.44	1	EPA TO-15	11/14/2013 07:30	11/14/2013 21:04	ALD
110-54-3	n-Hexane	ND		ug/m³	0.36	0.36	1	EPA TO-15	11/14/2013 07:30	11/14/2013 21:04	ALD
142-82-5	n-Heptane	ND		ug/m³	0.42	0.42	1	EPA TO-15	11/14/2013 07:30	11/14/2013 21:04	ALD
75-09-2	Methylene chloride	ND		ug/m³	0.35	0.35	1	EPA TO-15	11/14/2013 07:30	11/14/2013 21:04	ALD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.37	0.37	1	EPA TO-15	11/14/2013 07:30	11/14/2013 21:04	ALD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.42	0.42	1	EPA TO-15	11/14/2013 07:30	11/14/2013 21:04	ALD
67-63-0	Isopropanol	ND		ug/m³	0.25	0.25	1	EPA TO-15	11/14/2013 07:30	11/14/2013 21:04	ALD
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.1	1.1	1	EPA TO-15	11/14/2013 07:30	11/14/2013 21:04	ALD
100-41-4	Ethyl Benzene	ND		ug/m³	0.44	0.44	1	EPA TO-15	11/14/2013 07:30	11/14/2013 21:04	ALD
141-78-6	Ethyl acetate	ND		ug/m³	0.37	0.37	1	EPA TO-15	11/14/2013 07:30	11/14/2013 21:04	ALD
110-82-7	Cyclohexane	ND		ug/m³	0.35	0.35	1	EPA TO-15	11/14/2013 07:30	11/14/2013 21:04	ALD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.46	0.46	1	EPA TO-15	11/14/2013 07:30	11/14/2013 21:04	ALD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA TO-15	11/14/2013 07:30	11/14/2013 21:04	ALD

Sample Information

Client Sample ID: SV-3/S11 **York Sample ID:** 13K0403-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0403	225-227 Boerum St. Brooklyn, NY	Soil Vapor	November 8, 2013 12:00 am	11/12/2013

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/m³	0.21	0.21	1	EPA TO-15	11/14/2013 07:30	11/14/2013 21:04	ALD
67-66-3	Chloroform	ND		ug/m³	0.50	0.50	1	EPA TO-15	11/14/2013 07:30	11/14/2013 21:04	ALD
75-00-3	Chloroethane	ND		ug/m³	0.27	0.27	1	EPA TO-15	11/14/2013 07:30	11/14/2013 21:04	ALD
56-23-5	Carbon tetrachloride	**0.45**		ug/m³	0.32	0.32	1	EPA TO-15	11/14/2013 07:30	11/14/2013 21:04	ALD
75-15-0	Carbon disulfide	ND		ug/m³	0.32	0.32	1	EPA TO-15	11/14/2013 07:30	11/14/2013 21:04	ALD
74-83-9	Bromomethane	ND		ug/m³	0.39	0.39	1	EPA TO-15	11/14/2013 07:30	11/14/2013 21:04	ALD
75-25-2	Bromoform	ND		ug/m³	1.1	1.1	1	EPA TO-15	11/14/2013 07:30	11/14/2013 21:04	ALD
75-27-4	Bromodichloromethane	ND		ug/m³	0.63	0.63	1	EPA TO-15	11/14/2013 07:30	11/14/2013 21:04	ALD
100-44-7	Benzyl chloride	ND		ug/m³	0.53	0.53	1	EPA TO-15	11/14/2013 07:30	11/14/2013 21:04	ALD
71-43-2	Benzene	**0.32**		ug/m³	0.32	0.32	1	EPA TO-15	11/14/2013 07:30	11/14/2013 21:04	ALD
67-64-1	Acetone	**1.5**		ug/m³	0.24	0.24	1	EPA TO-15	11/14/2013 07:30	11/14/2013 21:04	ALD
591-78-6	2-Hexanone	ND		ug/m³	0.42	0.42	1	EPA TO-15	11/14/2013 07:30	11/14/2013 21:04	ALD
78-93-3	2-Butanone	ND		ug/m³	0.30	0.30	1	EPA TO-15	11/14/2013 07:30	11/14/2013 21:04	ALD
123-91-1	1,4-Dioxane	ND		ug/m³	0.37	0.37	1	EPA TO-15	11/14/2013 07:30	11/14/2013 21:04	ALD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.61	0.61	1	EPA TO-15	11/14/2013 07:30	11/14/2013 21:04	ALD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.61	0.61	1	EPA TO-15	11/14/2013 07:30	11/14/2013 21:04	ALD
106-99-0	1,3-Butadiene	ND		ug/m³	0.44	0.44	1	EPA TO-15	11/14/2013 07:30	11/14/2013 21:04	ALD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.50	0.50	1	EPA TO-15	11/14/2013 07:30	11/14/2013 21:04	ALD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.71	0.71	1	EPA TO-15	11/14/2013 07:30	11/14/2013 21:04	ALD
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.47	0.47	1	EPA TO-15	11/14/2013 07:30	11/14/2013 21:04	ALD
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.41	0.41	1	EPA TO-15	11/14/2013 07:30	11/14/2013 21:04	ALD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.61	0.61	1	EPA TO-15	11/14/2013 07:30	11/14/2013 21:04	ALD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.50	0.50	1	EPA TO-15	11/14/2013 07:30	11/14/2013 21:04	ALD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.75	0.75	1	EPA TO-15	11/14/2013 07:30	11/14/2013 21:04	ALD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA TO-15	11/14/2013 07:30	11/14/2013 21:04	ALD
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.41	0.41	1	EPA TO-15	11/14/2013 07:30	11/14/2013 21:04	ALD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	0.57	0.57	1	EPA TO-15	11/14/2013 07:30	11/14/2013 21:04	ALD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.55	0.55	1	EPA TO-15	11/14/2013 07:30	11/14/2013 21:04	ALD
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/m³	0.78	0.78	1	EPA TO-15	11/14/2013 07:30	11/14/2013 21:04	ALD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.70	0.70	1	EPA TO-15	11/14/2013 07:30	11/14/2013 21:04	ALD
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.55	0.55	1	EPA TO-15	11/14/2013 07:30	11/14/2013 21:04	ALD
75-71-8	Dichlorodifluoromethane	ND		ug/m³	0.50	0.50	1	EPA TO-15	11/14/2013 07:30	11/14/2013 21:04	ALD

Sample Information

Client Sample ID: SV-3/S11 **York Sample ID:** 13K0403-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0403	225-227 Boerum St. Brooklyn, NY	Soil Vapor	November 8, 2013 12:00 am	11/12/2013

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.78	0.78	1	EPA TO-15	11/14/2013 07:30	11/14/2013 21:04	ALD
124-48-1	Dibromochloromethane	ND		ug/m³	0.82	0.82	1	EPA TO-15	11/14/2013 07:30	11/14/2013 21:04	ALD
80-62-6	Methyl Methacrylate	ND		ug/m³	0.42	0.42	1	EPA TO-15	11/14/2013 07:30	11/14/2013 21:04	ALD
108-90-7	Chlorobenzene	ND		ug/m³	0.47	0.47	1	EPA TO-15	11/14/2013 07:30	11/14/2013 21:04	ALD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*82.4 %*	*70-130*

Sample Information

Client Sample ID: OA-1/Y56 **York Sample ID:** 13K0403-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0403	225-227 Boerum St. Brooklyn, NY	Outdoor Ambient Air	November 8, 2013 3:00 pm	11/12/2013

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.26	0.26	1	EPA TO-15	11/14/2013 07:30	11/14/2013 13:03	ALD
108-05-4	Vinyl acetate	ND		ug/m³	0.36	0.36	1	EPA TO-15	11/14/2013 07:30	11/14/2013 13:03	ALD
79-01-6	Trichloroethylene	ND		ug/m³	0.27	0.27	1	EPA TO-15	11/14/2013 07:30	11/14/2013 13:03	ALD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.46	0.46	1	EPA TO-15	11/14/2013 07:30	11/14/2013 13:03	ALD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA TO-15	11/14/2013 07:30	11/14/2013 13:03	ALD
108-88-3	Toluene	**11**		ug/m³	0.38	0.38	1	EPA TO-15	11/14/2013 07:30	11/14/2013 13:03	ALD
109-99-9	Tetrahydrofuran	**1.9**		ug/m³	0.30	0.30	1	EPA TO-15	11/14/2013 07:30	11/14/2013 13:03	ALD
127-18-4	Tetrachloroethylene	**3.0**		ug/m³	0.69	0.69	1	EPA TO-15	11/14/2013 07:30	11/14/2013 13:03	ALD
100-42-5	Styrene	**0.52**		ug/m³	0.43	0.43	1	EPA TO-15	11/14/2013 07:30	11/14/2013 13:03	ALD
115-07-01	Propylene	**5.2**		ug/m³	0.18	0.18	1	EPA TO-15	11/14/2013 07:30	11/14/2013 13:03	ALD
622-96-8	p-Ethyltoluene	ND		ug/m³	2.5	2.5	1	EPA TO-15	11/14/2013 07:30	11/14/2013 13:03	ALD
179601-23-1	p- & m- Xylenes	**8.8**		ug/m³	0.88	0.88	1	EPA TO-15	11/14/2013 07:30	11/14/2013 13:03	ALD
95-47-6	o-Xylene	**3.3**		ug/m³	0.44	0.44	1	EPA TO-15	11/14/2013 07:30	11/14/2013 13:03	ALD
110-54-3	n-Hexane	**3.2**		ug/m³	0.36	0.36	1	EPA TO-15	11/14/2013 07:30	11/14/2013 13:03	ALD
142-82-5	n-Heptane	**1.7**		ug/m³	0.42	0.42	1	EPA TO-15	11/14/2013 07:30	11/14/2013 13:03	ALD
75-09-2	Methylene chloride	**3.1**		ug/m³	0.35	0.35	1	EPA TO-15	11/14/2013 07:30	11/14/2013 13:03	ALD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.37	0.37	1	EPA TO-15	11/14/2013 07:30	11/14/2013 13:03	ALD

Sample Information

Client Sample ID: OA-1/Y56 **York Sample ID:** 13K0403-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0403	225-227 Boerum St. Brooklyn, NY	Outdoor Ambient Air	November 8, 2013 3:00 pm	11/12/2013

Volatile Organics, EPA TO15 Full List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.42	0.42	1	EPA TO-15	11/14/2013 07:30	11/14/2013 13:03	ALD
67-63-0	Isopropanol	ND		ug/m³	0.25	0.25	1	EPA TO-15	11/14/2013 07:30	11/14/2013 13:03	ALD
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.1	1.1	1	EPA TO-15	11/14/2013 07:30	11/14/2013 13:03	ALD
100-41-4	Ethyl Benzene	**2.7**		ug/m³	0.44	0.44	1	EPA TO-15	11/14/2013 07:30	11/14/2013 13:03	ALD
141-78-6	Ethyl acetate	ND		ug/m³	0.37	0.37	1	EPA TO-15	11/14/2013 07:30	11/14/2013 13:03	ALD
110-82-7	Cyclohexane	**0.91**		ug/m³	0.35	0.35	1	EPA TO-15	11/14/2013 07:30	11/14/2013 13:03	ALD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.46	0.46	1	EPA TO-15	11/14/2013 07:30	11/14/2013 13:03	ALD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA TO-15	11/14/2013 07:30	11/14/2013 13:03	ALD
74-87-3	Chloromethane	**1.6**		ug/m³	0.21	0.21	1	EPA TO-15	11/14/2013 07:30	11/14/2013 13:03	ALD
67-66-3	Chloroform	**0.65**		ug/m³	0.50	0.50	1	EPA TO-15	11/14/2013 07:30	11/14/2013 13:03	ALD
75-00-3	Chloroethane	ND		ug/m³	0.27	0.27	1	EPA TO-15	11/14/2013 07:30	11/14/2013 13:03	ALD
56-23-5	Carbon tetrachloride	**1.2**		ug/m³	0.32	0.32	1	EPA TO-15	11/14/2013 07:30	11/14/2013 13:03	ALD
75-15-0	Carbon disulfide	ND		ug/m³	0.32	0.32	1	EPA TO-15	11/14/2013 07:30	11/14/2013 13:03	ALD
74-83-9	Bromomethane	ND		ug/m³	0.39	0.39	1	EPA TO-15	11/14/2013 07:30	11/14/2013 13:03	ALD
75-25-2	Bromoform	ND		ug/m³	1.1	1.1	1	EPA TO-15	11/14/2013 07:30	11/14/2013 13:03	ALD
75-27-4	Bromodichloromethane	ND		ug/m³	0.63	0.63	1	EPA TO-15	11/14/2013 07:30	11/14/2013 13:03	ALD
100-44-7	Benzyl chloride	ND		ug/m³	0.53	0.53	1	EPA TO-15	11/14/2013 07:30	11/14/2013 13:03	ALD
71-43-2	Benzene	**2.9**		ug/m³	0.32	0.32	1	EPA TO-15	11/14/2013 07:30	11/14/2013 13:03	ALD
67-64-1	Acetone	**17**		ug/m³	0.24	0.24	1	EPA TO-15	11/14/2013 07:30	11/14/2013 13:03	ALD
591-78-6	2-Hexanone	ND		ug/m³	0.42	0.42	1	EPA TO-15	11/14/2013 07:30	11/14/2013 13:03	ALD
78-93-3	2-Butanone	**3.3**		ug/m³	0.30	0.30	1	EPA TO-15	11/14/2013 07:30	11/14/2013 13:03	ALD
123-91-1	1,4-Dioxane	ND		ug/m³	0.37	0.37	1	EPA TO-15	11/14/2013 07:30	11/14/2013 13:03	ALD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.61	0.61	1	EPA TO-15	11/14/2013 07:30	11/14/2013 13:03	ALD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.61	0.61	1	EPA TO-15	11/14/2013 07:30	11/14/2013 13:03	ALD
106-99-0	1,3-Butadiene	ND		ug/m³	0.44	0.44	1	EPA TO-15	11/14/2013 07:30	11/14/2013 13:03	ALD
108-67-8	1,3,5-Trimethylbenzene	**0.75**		ug/m³	0.50	0.50	1	EPA TO-15	11/14/2013 07:30	11/14/2013 13:03	ALD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.71	0.71	1	EPA TO-15	11/14/2013 07:30	11/14/2013 13:03	ALD
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.47	0.47	1	EPA TO-15	11/14/2013 07:30	11/14/2013 13:03	ALD
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.41	0.41	1	EPA TO-15	11/14/2013 07:30	11/14/2013 13:03	ALD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.61	0.61	1	EPA TO-15	11/14/2013 07:30	11/14/2013 13:03	ALD
95-63-6	1,2,4-Trimethylbenzene	**1.6**		ug/m³	0.50	0.50	1	EPA TO-15	11/14/2013 07:30	11/14/2013 13:03	ALD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.75	0.75	1	EPA TO-15	11/14/2013 07:30	11/14/2013 13:03	ALD

Sample Information

Client Sample ID: OA-1/Y56 **York Sample ID:** 13K0403-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0403	225-227 Boerum St. Brooklyn, NY	Outdoor Ambient Air	November 8, 2013 3:00 pm	11/12/2013

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA TO-15	11/14/2013 07:30	11/14/2013 13:03	ALD
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.41	0.41	1	EPA TO-15	11/14/2013 07:30	11/14/2013 13:03	ALD
75-69-4	Trichlorofluoromethane (Freon 11)	**2.5**		ug/m³	0.57	0.57	1	EPA TO-15	11/14/2013 07:30	11/14/2013 13:03	ALD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.55	0.55	1	EPA TO-15	11/14/2013 07:30	11/14/2013 13:03	ALD
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	**1.3**		ug/m³	0.78	0.78	1	EPA TO-15	11/14/2013 07:30	11/14/2013 13:03	ALD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.70	0.70	1	EPA TO-15	11/14/2013 07:30	11/14/2013 13:03	ALD
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.55	0.55	1	EPA TO-15	11/14/2013 07:30	11/14/2013 13:03	ALD
75-71-8	Dichlorodifluoromethane	**4.1**		ug/m³	0.50	0.50	1	EPA TO-15	11/14/2013 07:30	11/14/2013 13:03	ALD
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.78	0.78	1	EPA TO-15	11/14/2013 07:30	11/14/2013 13:03	ALD
124-48-1	Dibromochloromethane	ND		ug/m³	0.82	0.82	1	EPA TO-15	11/14/2013 07:30	11/14/2013 13:03	ALD
80-62-6	Methyl Methacrylate	ND		ug/m³	0.42	0.42	1	EPA TO-15	11/14/2013 07:30	11/14/2013 13:03	ALD
108-90-7	Chlorobenzene	ND		ug/m³	0.47	0.47	1	EPA TO-15	11/14/2013 07:30	11/14/2013 13:03	ALD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*90.4 %*	*70-130*

Notes and Definitions

ND	Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
MDL	METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two.
For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the MDL, with values between the MDL and the RL being "J" flagged as estimated results.

YORK
ANALYTICAL LABORATORIES, INC.
120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record - AIR

Page ____ of ____

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. 13K0403

YOUR Information
Company: Hydro tech
Address: 15 Oleen Ave
Brooklyn NY
Phone No. 718-638-0800
Contact Person: Paul Mathy
E-Mail Address: PMathy@hteenv.com

Report To:
Company: S
Address: A
Phone No. M
Attention: E
E-Mail Address:

Invoice To:
Company: S
Address: A
Phone No. M
Attention: E
E-Mail Address:

YOUR Project ID
225-227 Boerum St
Brooklyn, NY

Purchase Order No.

Samples from: CT ___ NY ✓ NJ ___

Turn-Around Time
- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard ~~(5-7 Days)~~ 4 day ☐

Report Type/Deliverables
- Summary Report ____
- Summary w/ QA Summary ____
- CT RCP Package ____
- NY ASP A Package ____
- NY ASP B/CLP Pkg ____
- NJDEP Reduced ____

Electronic Deliverables:
- EDD (Specify Type) ____
- Standard Excel ____
- Regulatory Comparison Excel ____

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Carla Quinones
Name (printed)

Air Matrix Codes
- AI - INDOOR Ambient Air
- AO- OUTDOOR Amb. Air
- AE- Vapor Extraction Well/ Process Gas/Effluent
- AS- SOIL Vapor/Sub-Slab

TO15 Volatiles and Other Gas Analyses
- EPA TO-15 List
- EPA TO-14A List
- NYSDEC VI list
- Tentatively Identified Compounds
- NYSDEC STARS List
- Air VPH
- **Project Specific List by TO-15**
- Helium
- NJDEP Target List
- Methane
- CTDEP RCP Target List
- OTHER ____

Detection Limits Required
- ≤ 1 ug/m³ ____
- NYSDEC VI Limits ____ (VI = vapor intrusion)
- NJDEP low level ____
- Routine Survey ____
- Other ____

Special Instructions

Sample Identification	Date Sampled	AIR Matrix	Canister Vacuum Before Sampling (in. Hg)	Canister Vacuum Afer Sampling (in. Hg)	Choose Analyses Needed from the Menu Above and Enter Below	Sampling Media
SV-1/402	11/8/13	AS	-30	15	TO + 15	6 Liter Summa canister ✓ / Tedlar Bag ____
SV-2/450	↓	AS	-26	21	↓	6 Liter Summa canister ✓ / Tedlar Bag ____
SV-3/511		AS	-30	22		6 Liter Summa canister ✓ / Tedlar Bag ____
OA-1/456		AO	-30	13		6 Liter Summa canister ✓ / Tedlar Bag ____
						6 Liter Summa canister ____ / Tedlar Bag ____
						6 Liter Summa canister ____ / Tedlar Bag ____
						6 Liter Summa canister ____ / Tedlar Bag ____
						6 Liter Summa canister ____ / Tedlar Bag ____
						6 Liter Summa canister ____ / Tedlar Bag ____

Comments

Samples Relinquished By — Date/Time: 11/12/13 1300

Samples Relinquished By — Date/Time:

Samples Received By — Date/Time: 11/12/13 1300

Samples Received in LAB by — Date/Time: 11-12-13 1800

Table of Contents