

BLUESTONE JAMAICA I, LLC
QUEENS, NEW YORK

Remedial Investigation Report

NYC VCP Site Number: 13CVCP085Q

Prepared for:

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REMEDIAL INVESTIGATION REPORT

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LIST OF ACRONYMS

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

CERTIFICATION

I, Ernest Rossano, 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 Bluestone Jamaica I, LLC Site, (NYC VCP Site No. ^{13CVC085Q}~~13CVC07XQ~~). 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.

<u>Ernest Rossano</u>	<u>9/4/12</u>	<u>Ernest Rossano</u>
Qualified Environmental Professional	Date	Signature

EXECUTIVE SUMMARY

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

Site Location and Current Usage

The Site is located at 90-14 161st Street in the Jamaica section in Queens, New York, and is identified as Block 9757 and Lot 18 on the New York City Tax Map. **Figure 1** shows the Site location. The Site is 18,386-square feet and is bounded by 90-04 160 Street, an eight-story commercial building to the north, 90-18 161 Street, a two-story commercial building to the south, 161st Street to the east, and 160th Street to the west. A map of the site boundary is shown in **Figure 2**. Currently, the Site is vacant undeveloped land and contains no permanent structures or other pertinent Site features.

Summary of Proposed Redevelopment Plan

The proposed future use of the Site will consist of residential, commercial, and retail space. Layout of the proposed site development is presented in **Figure 3**. The current zoning designation is C4-5X (mixed residential and commercial buildings). The proposed use is consistent with existing zoning for the property.

The proposed redevelopment plan and end use of the property is a combination of affordable rental housing, commercial, and retail space. Under current redevelopment plans, two nine-story towers will be constructed with 101 rental residential dwelling units, approximately 5,773 square feet of commercial space, approximately 4,063 square feet of retail space on the ground floor, and a sub-grade garage with 39 parking spaces. The sub-grade parking area is expected to be 12 feet in height. A total of 51 parking spaces, including 12 located at grade, will be available on the site post construction. Bluestone Jamaica I, LLC plans to excavate approximately 13 feet across the entire site, and down to approximately 16 feet for footings and elevator pits at required locations. Excavations and footings will not be located beneath the groundwater table at the Site. In addition, no proposed demolition activities are planned during the proposed redevelopment at the Site.

Summary of Past Uses of Site and Areas of Concern

Based on interviews with site personnel, a review of aerial photographs, Sanborn maps, and historical records, the subject property was utilized as a residential dwellings and the Chub Club until the early 1920s. From circa 1925 until the 1960s the subject property maintained stores and residential dwellings. From the mid-1960s until the present, the subject property has maintained stores, offices, and parking areas.

The AOCs identified for this site include: historic fill layer present at the Site from grade to 12 to 15 feet below grade.

Summary of the Work Performed under the Remedial Investigation

ERM performed the following scope of work:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Conducted a geophysical survey, using a T-W6 metal detector and a cart mounted ground-penetrating radar (GPR) unit of the Site;
3. Installed 12 soil borings across the entire project Site, and collected 18 soil samples for chemical analysis to evaluate soil quality;
4. Installed 4 groundwater monitoring wells throughout the Site to establish groundwater flow and collected 4 groundwater samples for chemical analysis to evaluate groundwater quality; and
5. Installed 4 soil vapor probes around the Site perimeter and collected 4 samples for chemical analysis.

Summary of Environmental Findings

1. Elevation of the property is approximately 61 feet.
2. Depth to groundwater ranges from 42 to 46 feet at the Site.
3. Groundwater flow is generally southwest beneath the Site.
4. Depth to bedrock at the Site is greater than 100 feet.

5. The stratigraphy of the Site, from the surface down, consists of 12 to 15 feet of historic fill material underlain by a native brown silty sand.
6. Soil/fill samples collected during the RI showed no PCBs at detectable concentrations and no pesticides above Track 1 Unrestricted Use SCOs. No VOCs were detected above Track 1 Unrestricted Use SCOs, as only trace levels (less than 20 ppb) of acetone, naphthalene, and trimethylbenzene were detected. Six SVOCs, all Polycyclic Aromatic Hydrocarbons (PAHs) compounds, were detected at concentrations above their Track 2 Restricted Residential SCOs in one shallow sample (total SVOC concentration of approximately 269 ppm). Four metals exceeded UUSCOs in shallow soil samples, and of these, lead (max 460 mg/kg) and mercury (max 0.84 mg/kg), also exceeded their Track 2 Restricted Residential SCOs. No VOCs, SVOCs, pesticides, PCBs, or metals were detected above Unrestricted Use SCOs within any of the deep soil samples collected at the Site. Overall the findings were consistent with observations of historical fill.
7. No PCBs were detected in any of the groundwater samples collected at the Site, and no pesticides or VOCs were detected above their respective GQSs. The only VOCs detected were PCE (max of 3.5 ug/L) in 2 samples and naphthalene (1.1 ug/L) in 1 sample. No chlorinated VOCs were identified in any of the soil samples collected on Site. PAH SVOCs were found above their respective GQSs in one groundwater sample collected in 2008, but both samples collected in 2012 showed no detections of SVOCs in groundwater suggesting that the earlier findings are linked with a turbid sample rather than on-Site conditions. The following dissolved metals were detected above their respective NYSDEC GQS: manganese and sodium. The RI indicates that groundwater is not impacted by site conditions and did not reveal any sources of contaminants on-site.
8. Soil vapor samples collected during the RI showed chlorinated and petroleum-related VOCs at generally low concentrations. Tetrachloroethene (PCE) was identified in all four samples at a maximum concentration of 111 $\mu\text{g}/\text{m}^3$, which falls within the monitoring level range of the State DOH soil vapor guidance matrix. Trichloroethene (TCE) was not detected in soil vapor. Neither PCE nor TCE were detected within any of the soil samples collected at the Site, and these low levels and the Site's history suggest a possible off-site origin.

REMEDIAL INVESTIGATION REPORT

1.0 SITE BACKGROUND

Bluestone Jamaica I, LLC has enrolled in the New York City Voluntary Cleanup Program (NYC VCP) to investigate and remediate a 0.42-acre Site located at 90-14 161st Street in the Jamaica section of Queens, New York. Residential and commercial uses are proposed for the property. The Remedial Investigation (RI) work was performed in June, 2008, and supplemental work was conducted in July, 2012. This RIR summarizes the nature and extent of contamination and provides sufficient information for establishment of remedial action objectives, evaluation of remedial action alternatives, and selection of a remedy that is protective of human health and the environment consistent with the use of the property pursuant to RCNY§ 43-1407(f).

1.1 SITE LOCATION AND CURRENT USAGE

The Site is located at 90-14 161st Street in the Jamaica section in Queens, New York, and is identified as Block 9757 and Lot 18 on the New York City Tax Map. **Figure 1** shows the Site location. The Site is 18,386-square feet and is bounded by 90-04 160th Street, an eight-floor commercial building to the north, 90-18 161st Street, a two-story commercial building to the south, 161st Street to the east, and 160th Street to the west. A map of the site boundary is shown in **Figure 2**. Currently, the Site is vacant undeveloped land and contains no permanent structures or other pertinent Site features.

1.2 PROPOSED REDEVELOPMENT PLAN

The proposed future use of the Site will consist of residential, commercial, and retail space. Layout of the proposed site development is presented in **Figure 3**. The current zoning designation is C4-5X (mixed residential and commercial buildings). The proposed use is consistent with existing zoning for the property.

The proposed redevelopment plan and end use of the property is a combination of affordable rental housing, commercial, and retail space. Under current redevelopment plans, two nine-story towers will be constructed with 101 rental residential dwelling units, approximately 5,773 square feet of commercial space, approximately 4,063 square feet of retail space on the ground floor, and a sub-grade garage with 39 parking spaces. The sub-grade parking area is expected to be 12 feet in height. A total of 51 parking spaces, including 12 located at grade, will be available on

the site post construction. Bluestone Jamaica I, LLC plans to excavate approximately 13 feet across the entire site, and down to approximately 16 feet for footings and elevator pits at required locations. Excavations and footings will not be located beneath the groundwater table at the Site. In addition, no proposed demolition activities are planned during the proposed redevelopment at the Site.

1.3 DESCRIPTION OF SURROUNDING PROPERTY

The subject property is situated within a commercial (C4-5X) zoning area. The abutting properties include:

<u>Direction</u>	<u>Use/ Description</u>
North	90-04 161st Street – The Title Guarantee Company
East	161st Street and beyond by 90-05 161st Street - an apartment building
South	Residential apartments and a deli (90-20 161st Street)
West	160st Street and beyond by a parking garage

2.0 SITE HISTORY

2.1 PAST USES AND OWNERSHIP

Based on interviews with site personnel, a review of aerial photographs, Sanborn maps, and historical records, the subject property was utilized as residential dwellings and the Chub Club until the early 1920s. From circa 1925 until the 1960s the subject property maintained stores and residential dwellings. From the mid-1960s until the present, the subject property have maintained stores, offices, and parking areas.

The site formerly consisted of four (4) parcels – Block 9757, Lots 18, 20, 22, and 29, which were merged into Lot 18 on 21 March 2012. According to the NYC Department of Finance website, the current owner is the NYC Partnership HDFC. Lot 18 is approximately 18,386 square feet and is vacant land. Prior to the recent merger, and prior to 1 January 2010, lots 20, 22, and 29, comprising approximately 10,872 square feet were utilized for at-grade parking. Subsequent to 1 January 2010, lots 20, 22, and 29 were vacant land. Prior to the recent merger, and subsequent to 1 January 2010, lot 18, comprising approximately 7,514 square feet, was a vacant two-story building. In July 2011, the building was demolished under Permit# 420259357-01DM and received NYC Department of Buildings sign off on 27 September 2011.

2.2 PREVIOUS INVESTIGATIONS

A Phase I ESA was conducted in 25 April 2008, by ERM to identify any potential environmental concerns resulting from past and present usage of the Site and neighboring properties. A copy of this report can be found in **Appendix A**. The Phase I ESA identified historic operations/use concerns and the NYC Department of Planning “e”-designation listing as recognized environmental conditions (RECs) at the subject property.

In June of 2008, ERM completed a Phase II ESA Investigation at the subject property based on the recognized environmental conditions from the Phase I ESA. A copy of this report can be found in **Appendix B**. The Phase II ESA Investigation included a geophysical survey, groundwater and soil sampling, and analysis of media. ERM concluded that semi-volatile organic compounds (SVOCs) and heavy metals were detected in soil and groundwater samples above soil clean-up objectives. The detected metals were present in the subsurface soils at concentrations above regional background levels. However, the concentrations and the

distribution of the analytes suggested that their presence is ubiquitous in the subject property fill, and not a result of previous site operations. ERM recommended that all impacted soil be excavated, handled, transported and disposed of in accordance with a Soil Management Plan that include waste material handling and Underground Storage Tank contingency protocols prepared prior to any development and excavation of the subject property.

2.3 SITE INSPECTION

Mr. Brice Lynch of ERM performed the Site inspection on Thursday, 14 June 2012, beginning at approximately 8:00 am. The reconnaissance included a visual inspection of the Site, the sidewalk immediately in front of the Site, and the exterior of adjacent properties. At the time of the inspection, the Site consisted of an undeveloped/vacant lot. An 8-foot high chain link fence was present along 160th and 161st Streets and a rolling gate on the west site of the Site. The vacant lot is uncapped, with some construction equipment (cones, blockades, and caution fencing) and a small amount of garbage/litter was present at the Site.

2.4 AREAS OF CONCERN

The AOCs identified for this site include: historic fill layer present at the Site from grade to 12 to 15 feet below grade. Phase I ESA Report is presented in **Appendix A**. The Phase II ESA Report is presented in **Appendix B**.

3.0 PROJECT MANAGEMENT

3.1 PROJECT ORGANIZATION

The Qualified Environmental Profession (QEP) responsible for preparation of this RIR is Ernest Rossano.

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.

4.0 REMEDIAL INVESTIGATION ACTIVITIES

ERM performed the following scope of work:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Conducted a geophysical survey of the site using a T-W6 metal detector and a cart mounted ground-penetrating radar (GPR) unit;
3. Installed 12 soil borings across the entire project Site, and collected 18 soil samples for chemical analysis from the soil borings to evaluate soil quality;
4. Installed 4 groundwater monitoring wells throughout the Site to establish groundwater flow and collected 4 groundwater samples for chemical analysis to evaluate groundwater quality; and
5. Installed 4 soil vapor probes around Site perimeter and collected 4 samples for chemical analysis.

4.1 GEOPHYSICAL INVESTIGATION

For the geophysical survey, data was collected from the site using a T-W6 metal detector and a cart mounted ground-penetrating radar (GPR) unit. There were six areas of concern marked out on site. The first two areas to be discussed were detected by the T-W6 which was utilized in a grid pattern scan throughout the specified area. The first area was located near the northeastern side of the lot. The anomaly demonstrated high a metallic response, while GPR data was inconsistent with an underground storage tank (UST). The area measured an estimated 8' x 6'. A second metallic anomaly was located near the southwest end of the property. High metallic response was recorded, but again GPR data produced no visible subsurface anomalies consistent with USTs. The metallic area measured an estimated 16' x 8'.

The GPR survey detected four other areas of concern. The subsurface anomalies were located adjacent to each other in the northeastern corner of the Sites. These anomalies produced small trace amounts of metal. The estimated dimensions measured 6' x 6', 10' x 4', 7' x 5', and 4' x 3'. The GPR data was inconsistent with USTs.

4.2 BORINGS AND MONITORING WELLS

Drilling and Soil Logging

On 9 and 10 June 2008 and 14 and 15 June 2012, a total of twelve soil borings (SB-01 to SB-12) were installed in the approximate locations shown on **Figure 4**. The twelve soil boring locations were chosen to gain representative soil and groundwater quality information across the Site. For SB-01 to SB-06 done in 2008, soil samples were collected continuously from grade to a final depth of 41 feet below existing grade using a four-foot steel macro-core sampler with acetate liners and Geoprobe direct-push equipment. When samples were secured in 2012, samples under the direction of the OER were collected from grade to 15 feet below existing grade using Geoprobe direct-push equipment. Soil recovered from each of the soil borings was field screened for the presence of VOCs with a photo-ionization detector (PID) and visually inspected for evidence of contamination. No PID readings above background concentrations were obtained from any the of soil borings.

For the 2008 sampling event (SB-01 to SB-06), one soil sample was retained from each soil boring representing the interval 0 to 2 feet below grade and one soil sample was retained from each soil boring representing the interval 38 to 40 feet below grade. In 2012, all six samples (SB-07 to SB-12) were retained from intervals 13 to 15 feet below grade. Soil boring logs were prepared by a geologist are attached in **Table 1**. A map showing the location of soil borings and monitor wells is shown in **Figure 4**.

Groundwater Monitoring Well Construction

On 9 and 10 June 2008, the groundwater sampling system used was the Geoprobe Screen Point 15, which is designed to collect grab samples of groundwater. The sampling locations were GW-01 and GW-06 which were located approximately 42 to 46 feet below existing grade. The Screen Point 15 uses a screen with a standard slot size of 0.004 inches that is sealed inside a 1.5-inch ID steel sheath as it is driven to depth. The screen is sealed inside the sheath with Neoprene O-rings that prevent infiltration of formation fluids until the desired depth is attained. When the screen has been driven to the depth of interest in the formation, extension rods are used to hold the screen in position as the driving rods are retracted approximately four feet. The four foot long sampler sheath forms a seal above the screen as it is retracted. A total of 41.5 inches of slotted screen is placed in contact with the formation. The Screen Point 15 groundwater sampling has a total boring diameter of 1.5 inches, the outside diameter of the screen is 1.0 inch.

This provides for a maximum of 0.25 inches between the screen and the natural formation as the sampler sheath is retracted. Each groundwater sample was collected from the sampler utilizing 3/8 inch diameter disposable tubing equipped with a bottom check valve between 42 and 46 feet below existing grade. The tubing extended from the surface down to the sampler. The tubing was oscillated until the process had achieved proper development. The groundwater was then containerized for subsequent laboratory analysis.

On 14 and 15 June 2012, two additional groundwater samples were secured (GW-07 and GW-08) each using one-inch PVC groundwater-monitoring wells as part of this RI. The wells were installed manually using a core drill, hand auger, and manual Geoprobe tooling. Each well was constructed of five feet of screened interval (0.020 slot size, schedule 40, PVC) from grade to 44 to 45 feet below existing grade. The annular space between the bore hole and the screened casing was filled with a filtration media which extended two feet above the top of the screen. The monitoring wells were gauged for the presence and thickness of free phase product and depth to water with an oil-water interface meter. No free phase produce was observed in any wells. The two monitoring wells (GW-07 and GW-08) were developed and sampled as part of this RI. Groundwater samples were secured from each of these monitoring wells for laboratory analysis.

Monitoring well sampling details are provided in **Table 1**. Monitoring well locations are shown in **Figure 4**.

Survey

Soil borings and monitoring wells were located to the nearest 0.10 foot with respect to two or more permanent Site features.

Water Level Measurement

Approximate groundwater level measurements were collected using an oil/water interface meter to ensure the surface of the water table was within the screened section of the monitoring well. No free product was observed within the four monitoring wells.

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

Eighteen soil samples were collected for chemical analysis during this RI. Data on soil sample collection for chemical analyses, including dates of collection and sample depths, is reported in **Tables 2** through **5**. **Figure 4** shows the location of samples collected in this investigation. Laboratories and analytical methods are shown below.

The 12 soil samples were collected in pre-cleaned, laboratory supplied glassware, stored in a cooler with ice and submitted for analysis to United Chemist of 59-8 Central Avenue, Farmingdale, NY 11735, a New York State ELAP certified environmental laboratory (ELAP Certification No. 11866) and Accutest Laboratories of 2235 US Highway 130, Dayton, NJ 08810 (ELAP Certification No.12129). All soil samples were analyzed for the presence of volatile organic compounds (VOCs) by EPA Method 8260, semi-volatile organic compounds (SVOCs-BN) by EPA Method 8270, pesticides/PCBs by EPA Methods 8081/8082 and target analyte list (TAL) metals.

Groundwater Sampling

Four groundwater samples were collected for chemical analysis during this RI. Groundwater samples were collected either by Geoprobe Screen point 15 or by installing a one-inch diameter PVC well, 5-feet below the water table interface (set at approximately 42-46 feet below grade). A groundwater sample was then collected from each temporary well utilizing dedicated polyethylene tubing and a peristaltic pump. Groundwater samples were collected in pre-cleaned, laboratory supplied glassware, stored in a cooler with ice and submitted to Phoenix for analysis of VOCs by EPA Method 8260, SVOCs by EPA Method 8270, pesticides/PCBs by EPA Methods 8081/8082 and TAL metals. 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 **Tables 6** through **9**. **Figure 4** shows the location of groundwater sampling. Laboratories and analytical methods are shown below.

Soil Vapor Sampling

Four soil vapor probes were installed and 4 soil vapor samples were collected for chemical analysis during this RI. Soil vapor sampling locations are shown in **Figure 4**. Soil vapor sample collection data is reported in **Table 10**. Soil vapor sampling logs are included in **Appendix C**. Methodologies used for soil vapor assessment conform to the NYS DOH Final Guidance on Soil Vapor Intrusion, October 2006.

The four soil vapor implants were installed using Geoprobe™ equipment and tooling. The approximate location of each of the soil vapor implants is shown on **Figure 4**. The vapor implants that were installed were the Geoprobe™ Model AT86 series, which are constructed of a 6-inch length double woven stainless steel wire. The implants were installed to a depth of 14 feet below grade at all locations. Each implant was attached to ¼ inch polyethylene tubing which extended approximately 18 inches beyond that needed to reach the surface. The tubing was capped with a ¼ inch plastic end to prevent the infiltration of foreign particles into the tube. Coarse sand was placed around the vapor implant to a height of approximately 1 foot above the bottom of the implant. The remainder of the borehole was sealed with bentonite slurry to the surface.

Soil vapor sampling for the four implants was conducted on 15 June 2012. Prior to sampling, each sampling location was tested to ensure a proper surface seal had been obtained. In accordance with NYSDOH guidance (NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, February 2005), a tracer gas (helium) was used as a quality assurance/quality control device to verify the integrity of the sampling point seal prior to collecting the samples. Prior to testing and collecting samples, the surface immediately surrounding the polyethylene tubing of the vapor implant was sealed using a 1 ft. by 1 ft. square sheet of 2 mil HDPE plastic firmly adhered to a wetted layer of granular bentonite. The seal was then tested by enriching the air space above the seal with a tracer gas (helium) while continuously monitoring air drawn from the implant with a helium detector (Dielectric Model MGD-2002, Multi-Gas Detector) for a minimum of 15 minutes. The tracer gas test procedure was employed at all four soil vapor sampling locations. No surface seal leaks were observed at any of the locations.

Following verification that the surface seal was tight, one to three volumes (i.e., the volume of the sample probe and tube) of air was purged from the implant using a calibrated vacuum pump. After purging, a 6-liter Summa® canister, fitted with a 2-hour flow regulator, was attached to the surface tube of each of the four vapor implants. Prior to initiating sample collection, sample identification, canister number, date and start time were recorded on tags attached to each canister and in a bound field note book. Sampling then proceeded by fully opening the flow control valve on each canister in turn. Immediately after opening the flow control valve on a canister, the initial vacuum (inches of mercury) was recorded in the field book and on the sample tag. When the vacuum level in the canister was between 5 and 8 inches of mercury (approximately 2 hours), the flow controller valve was closed, and the final vacuum recorded in the field notebook and on the sample tag.

The soil gas Sample identification, date, start time, start vacuum, end time and end vacuum were recorded on tags attached to each canister and on a sample log sheet (**Appendix C**). Samples were submitted to Accutest for laboratory analysis of VOCs EPA Method TO-15.

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 Andrew Coenen
Chemical Analytical Laboratory	Chemical analytical laboratory(s) used in the RI is NYS ELAP certified and were yup United Chemists and Accutest Laboratories
Chemical Analytical Methods	Soil analytical methods: <ul style="list-style-type: none"> • 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);

	<p>Groundwater analytical methods:</p> <ul style="list-style-type: none">• 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); <p>Soil vapor analytical methods:</p> <ul style="list-style-type: none">• VOCs by TO-15 VOC parameters.
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Results of Chemical Analyses

Laboratory data for soil, groundwater and soil vapor are summarized in **Tables 2-10**, respectively. Laboratory data deliverables for all samples evaluated in this RIR are provided in digital form in **Appendix D**.

5.0 ENVIRONMENTAL EVALUATION

5.1 GEOLOGICAL AND HYDROGEOLOGICAL CONDITIONS

Stratigraphy

Subsurface soil at the Site consisted of historic fill, which was primarily comprised of brick, concrete, wood and other debris in a brown silty-sand matrix. The layer of historic fill extended to a depth ranging from ground surface to approximately 12 to 15 feet below grade. Native soil consisting of a brown sand is present below the historic fill layer.

Hydrogeology

Groundwater was encountered at a depth of approximately 42 to 46 feet below grade. Regional groundwater flow is southwest.

5.2 SOIL CHEMISTRY

Soil/fill samples collected during the RI showed no PCBs at detectable concentrations and no pesticides above Track 1 Unrestricted Use SCOs. No VOCs were detected above Track 1 Unrestricted Use SCOs, as only trace levels (less than 20 ppb) of acetone, naphthalene, and trimethylbenzene were detected. Six SVOCs, all Polycyclic Aromatic Hydrocarbons (PAHs) compounds, were detected at concentrations above their Track 2 Restricted Residential SCOs in one shallow sample (total SVOC concentration of approximately 269 ppm). Four metals (copper, mercury, lead and zinc) exceeded UUSCOs in shallow soil samples, and of these, lead (max 460 mg/kg) and mercury (max 0.84 mg/kg), also exceeded their Track 2 Restricted Residential SCOs. No VOCs, SVOCs, pesticides, PCBs, or metals were detected above Unrestricted Use SCOs within any of the deep soil samples collected at the Site. Overall the findings were consistent with observations of historical fill.

A summary table of data for chemical analyses performed on soil samples is included in **Tables 2** through **5**. Results were compared to NYSDEC Unrestricted Use Soil Cleanup Objectives (UUSCOs) and Restricted Residential Soil Cleanup Objectives (RRSCOs) as presented in 6NYCRR Part 375-6.8 and CP51. A copy of the laboratory report is provided in **Appendix D**. **Figure 5** shows the location and posts the values for soil/fill that exceed the UUSCOs and RRSCOs.

5.3 GROUNDWATER CHEMISTRY

No PCBs were detected in any of the groundwater samples collected at the Site, and no pesticides or VOCs were detected above their respective Groundwater Quality Standards (GQSs). The only VOCs detected were PCE (max of 3.5 ug/L) in 2 samples and naphthalene (1.1 ug/L) in 1 sample. No chlorinated VOCs were identified in any of the soil samples collected on Site. PAH SVOCs (chrysene and pyrene) were found above their respective GQSs in one groundwater sample collected in 2008, but both samples collected in 2012 showed no detections of SVOCs in groundwater suggesting that the earlier findings are linked with a turbid sample rather than on-Site conditions. The dissolved metals manganese and sodium were detected above their GQSs. The RI indicates that groundwater is not impacted by site conditions and did not reveal any sources of contaminants on-site.

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 **Tables 6** through **9**. **Figure 6** shows the location and posts the values for groundwater that exceed the New York State 6NYCRR Part 703.5 Class GA groundwater standards.

5.4 SOIL VAPOR CHEMISTRY

Soil vapor samples collected during the RI detected trace to low concentrations of chlorinated and petroleum-related VOCs. Tetrachloroethene (PCE) was identified in all four samples at a maximum concentration of 111 µg/m³, which falls within the monitoring level range of the State DOH soil vapor guidance matrix. Trichloroethene (TCE) was not detected in soil vapor. Neither PCE nor TCE were detected within any of the soil samples collected at the Site, and these low levels and the Site's history suggest a possible off-site origin.

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 10**. **Figure 7** shows the location and posts the values for soil vapor sample with detected concentrations.

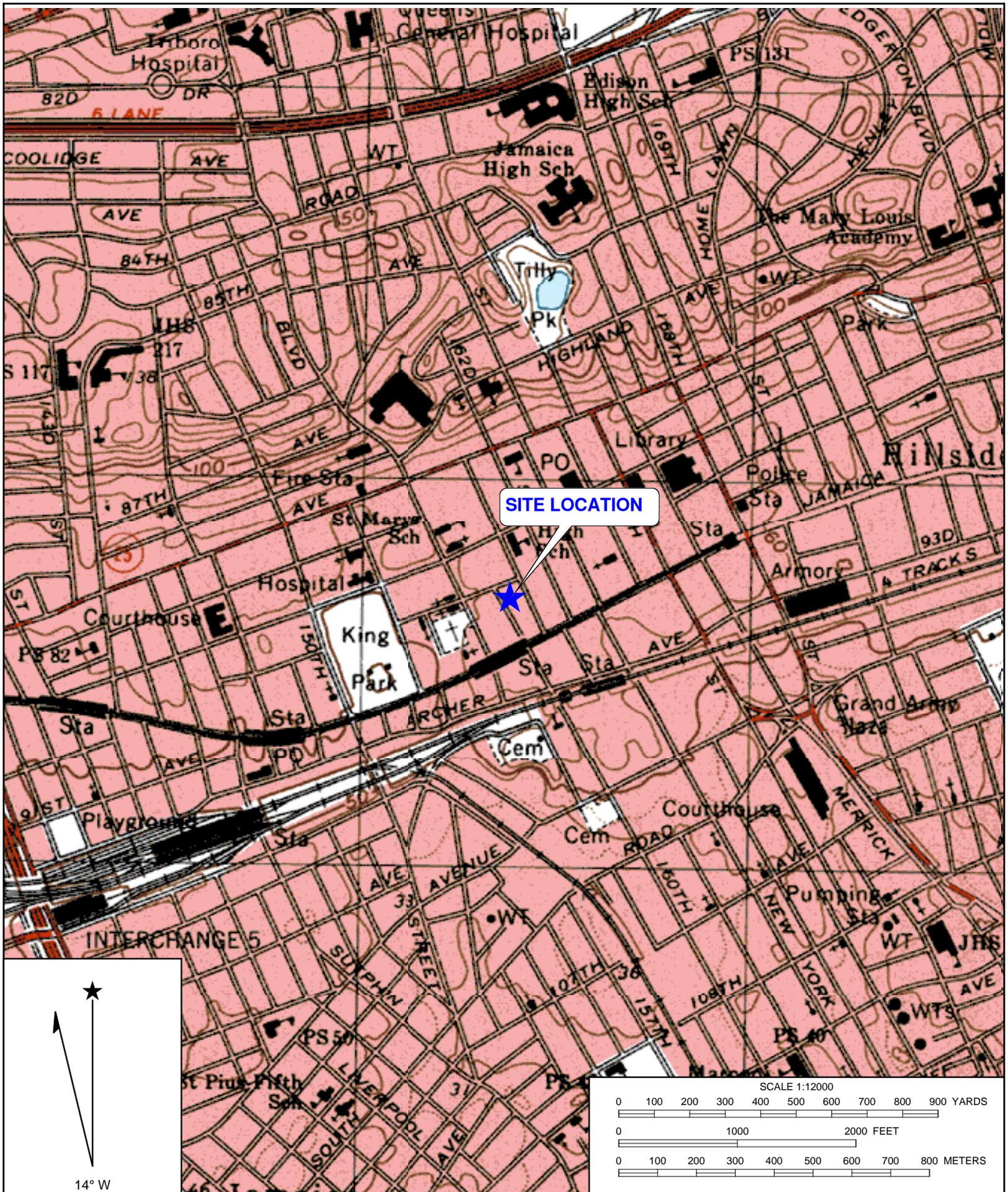
5.5 PRIOR ACTIVITY

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.

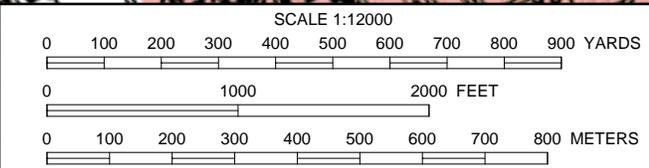
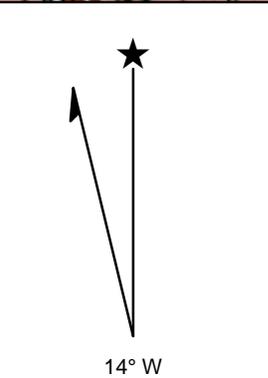
5.6 IMPEDIMENTS TO REMEDIAL ACTION

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

FIGURES

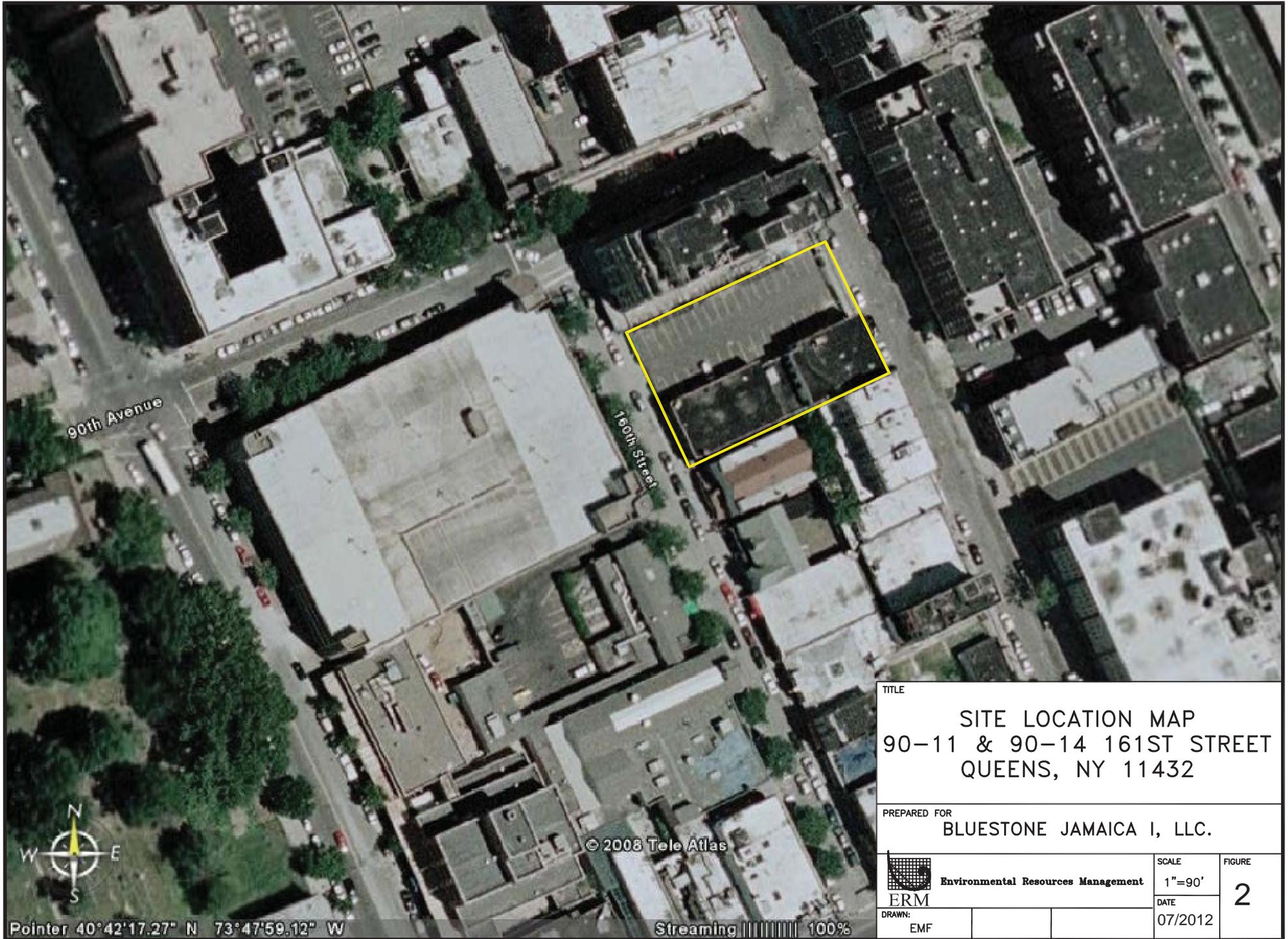


SITE LOCATION



Name: JAMAICA
 Date: 4/24/2008
 Scale: 1 inch equals 1000 feet

Location: 040° 42' 17.11" N 073° 48' 01.93" W
 Caption: Figure 1-Site Location Map
 90-11 to 90-14 161st Street
 Queens, NY 11432



90th Avenue

161st Street

© 2008 Tele Atlas



Pointer 40°42'17.27" N 73°47'59.12" W

Streaming 100%

TITLE		SITE LOCATION MAP 90-11 & 90-14 161ST STREET QUEENS, NY 11432	
PREPARED FOR		BLUESTONE JAMAICA I, LLC.	
 ERM Environmental Resources Management	SCALE	FIGURE	
	DATE	1"=90'	2
DRAWN:	EMF		07/2012

161ST STREET MIXED-USE INCLUSIONARY HOUSING DEVELOPMENT

160TH STREET AND 161ST STREET
JAMAICA, QUEENS, NY



DACE SUBMISSION
OCTOBER 25, 2010

REVISED: 3.20.2012

DRAWING INDEX

ARCHITECTURAL

- A-000 COVER
- A-001 BUILDING DATA
- A-002 SITE MAP AND PHOTOS
- A-003 ADA NOTES
- A-004 GENERAL NOTES, SYMBOLS & LEGENDS
- A-005 FIRE PROTECTION PLAN
- A-100 SITE PLAN & SURVEY

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- A-105 4TH-8TH FLOOR PLAN
- A-106 9TH FLOOR PLAN
- A-107 ROOF PLAN
- A-108 BULKHEAD

- A-109 BUILDING A ENLARGED UNIT PLANS
- A-110 BUILDING A ENLARGED UNIT PLANS
- A-111 BUILDING B ENLARGED UNIT PLANS
- A-201 BUILDING SECTION
- A-300 160TH STREET ELEVATION
- A-301 161TH STREET ELEVATION
- A-501 KITCHEN DETAILS
- A-502 BATHROOM DETAILS



19 W. 21ST STREET, SUITE 1201
NEW YORK, N Y 10010
212 352 3099
© GF55 Partners 2012

161ST STREET MIXED-USE INCLUSIONARY
HOUSING DEVELOPMENT
QUEENS, NY

BLOCK: 9757, LOTS: 18, 20, 22 & 29
ZONE: R7X, C4-5X
PROJECT #1451.00

ARCHITECTS:

GF55 PARTNERS, LLP

OWNER:

BLUESTONE JAMAICA I, LLC

SEAL:

ISSUE:
DACE SUBMISSION

DATE:
20 MARCH 2012

REVISION:
08 MARCH 2011
13 JANUARY 2012
20 MARCH 2012

DRAWING:
COVER

SCALE:
NTS

DRAWN BY:

DRAWING NO.:

A-000

OF



5



4



3



2



1



A AREA MAP

161ST STREET MIXED-USE INCLUSIONARY HOUSING DEVELOPMENT QUEENS, NY
BLOCK: 9757, LOTS: 18, 20, 22 & 29
ZONE: R7X, C4-5X
PROJECT #1451.00

ARCHITECTS:

GF55 PARTNERS, LLP

OWNER:

BLUESTONE JAMAICA I, LLC

SEAL:

ISSUE:
DACE SUBMISSION

DATE:
20 MARCH 2012

REVISION:
08 MARCH 2011
13 JANUARY 2012
20 MARCH 2012

DRAWING:
SITE MAP AND PHOTOS

SCALE:
N.T.S.

DRAWN BY:

DRAWING NO.:

A-002.00

OF

**GENERAL NOTES
(E.O.R.-ENGINEER OF RECORD)**

1) ALL WORK SHALL CONFORM TO THE NEW BUILDING CODE OF THE CITY OF NEW YORK.
2) THE DRAWINGS ARE PART OF THE COMPLETE CONTRACT DOCUMENTS, AND WORK INDICATED ON THE DRAWINGS SHALL BE SUBJECT TO THE ENTIRE CONTRACT DOCUMENTS. THE PROVISIONS OF THE CONSTRUCTION SPECIFICATIONS WHETHER OR NOT ATTACHED TO THESE SHALL APPLY TO ALL WORK INDICATED. DRAWINGS AND SPECIFICATIONS ARE COMPLEMENTARY, AND THE REQUIREMENTS OF ONE SHALL BE AS BINDING AS IF REQUIRED BY BOTH.
3) IT IS ESSENTIAL TO THE PROPER EXECUTION OF THE WORK THAT THE PROPER COORDINATION BETWEEN THE VARIOUS DRAWINGS AND SPECIFICATIONS BE CONSISTENTLY MADE. WHERE DRAWINGS INDICATE ITEMS OF THE WORK IN DIAGRAMMATIC FORMS, SUCH INDICATIONS SHALL BE SUBJECT TO DRAWING AND/OR WRITTEN DIMENSIONAL INFORMATION PROVIDED ELSEWHERE.
4) THE DRAWINGS INDICATE THE GENERAL ARRANGEMENT AND LOCATION OF PIPING FIXTURES, OUTLETS, ETC. THE CONTRACTOR SHALL MAKE NECESSARY MODIFICATIONS IN THE LAYOUT WORK THAT MAY BE REQUIRED TO SUIT ACTUAL FIELD CONDITIONS. THE ENGINEER OF RECORD SHALL BE NOTIFIED PRIOR TO SUCH MODIFICATIONS.
5) COORDINATE THE WORK WITH WORK OF TRADERS AFFECTED BY THE INSTALLATIONS HEREUNDER, AND FURNISH NECESSARY INFORMATION AS MAY BE REQUIRED, WITHOUT DELAY.
6) CONTRACTOR TO PROVIDE AND PAY FOR PERMITS AND FEES NECESSARY TO PERFORM THE WORK PRIOR TO THE START OF WORK.
7) CONTRACTOR SHALL APPLY FOR AND OBTAIN A CERTIFICATE OF OCCUPANCY OF THE PREMISES UPON COMPLETION OF WORK.
8) ARRANGE FOR AND OBTAIN REQUIRED INSPECTIONS AND TESTS AT THE COMPLETION OF THE WORK INCLUDING BUT NOT LIMITED TO THE FOLLOWING:
a. WORK OUTSIDE THE BUILDING AND LOT LINES
b. CONCRETE
c. BOILERS
d. MECHANICAL SYSTEMS
e. UTILITY SERVICES
f. STAIRS
g. ELEVATOR
h. D.O.T.
9) CONTRACTOR SHALL SCHEDULE THE NECESSARY INSPECTIONS IN ACCORDANCE WITH APPLICABLE NYC BUILDING CODE PROVISIONS WITH ENGINEER OF RECORD.
10) LAY OUT AND VERIFY CONDITIONS SO THAT WORK WILL ADDRESS THE LINES, LEVELS, AND DIMENSIONS INDICATED ON THE DRAWINGS.
11) DIMENSIONS INDICATED ON ROUGH SURFACES UNLESS OTHERWISE INDICATED. WHERE DIMENSIONS ARE MARKED WITH A PLUS OR MINUS SIGN, PROTECT AND MAKE GENERALLY FOR CONVEYANCE, AND SHALL BE SUBORDINATE TO THE OTHER WRITTEN DIMENSIONS OR CONDITIONS.
12) WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL TAKE PRECEDENCE OVER SCALED DIMENSIONS. LARGE SCALE DETAILS TAKE PRECEDENCE OVER SMALLER SCALE DRAWINGS.
13) PROPERLY STOP, PROTECT AND MAKE SAFE SIDEWALKS, FOOTINGS, FLOORS, WALLS AND ADJACENT PROPERTY AS CONDITIONS REQUIRE AND AS INDICATED IN THE CONSTRUCTION SPECIFICATIONS.
14) STRUCTURAL STEEL SUPPORTING SHAFT WALLS AND FIREPROOF FLOORS AND CEILING SHALL HAVE 2 HOUR RATED FIRE RETARDING AS INDICATED ON THE DRAWINGS.
15) WHERE PIPES AND / OR DUCTS PASS THROUGH FLOORS, SUCH OPENING SHALL BE COMPLETELY FIRESTOPPED WITH CONCRETE PRIOR TO CONSTRUCTIONS OF ENCLOSING PARTITIONS OR WALLS.
16) WHERE PIPES OR DUCTS PASS THROUGH WALLS, SUCH OPENING SHALL BE COMPLETELY FIRESTOPPED WITH NON-COMBUSTIBLE MATERIAL PRIOR TO APPLYING FINISH TO WALLS.
17) EXTEND DUCT FIRE-RETARDING TO UNDERSIDE OF ROOFING.
18) SUSPENDED GYPSUM BOARD CEILING SHALL BE OF 5/8" F.G. 60 (1) BOARD.
19) KITCHETTE DROP ARCHES (da) SHALL BE 1'-0" MINIMUM BELOW CEILING.

INSULATION.
1) PROVIDE MIN. R-II U-0.053 THERMAL INSULATION ABOVE ROOF.
2) PROVIDE MIN. R-II THERMAL INSULATION AT EXTERIOR WALLS.
3) PROVIDE 2 1/2" ACOUSTICAL BATTS IN PARTITIONS BETWEEN APARTMENTS & BATHROOMS.
4) INSULATION AND ACOUSTICAL BATTS SHALL BE RUN FROM THROUGH FLOOR TIGHT TO UNDERSIDE OF FLOOR ABOVE.
5) INSULATION OVER APARTMENTS, COMMON SPACES, ENTRY DOORS SHALL BE RUN FROM DOORFRAME HEAD TIGHT TO UNDERSIDE OF FLOOR ABOVE.

HEATING AND COMBUSTION EQUIPMENT.
1) LOCATIONS AND INSTALLATION SHALL CONFORM WITH 21-742, 21-743 AND 21-805.
2) FLOOR MOUNTED COMBUSTION EQUIPMENT MOUNTINGS SHALL COMPLY WITH 21-804.

BUILDING DEPARTMENT NOTES.
1) ALL MATERIALS, ASSEMBLIES, FORMS AND METHODS OF CONSTRUCTION AND SERVICE EQUIPMENT SHALL COMPLY WITH THE REQUIREMENTS OF 28-103.
2) AT LEAST 24 HOUR WRITTEN NOTICE SHALL BE GIVEN TO THE COMMISSIONER PRIOR TO COMMENCEMENT OF WORK (BC 105.5).
3) CONTROLLED DEFLECTIONS REQUIRED IN ACCORDANCE WITH SECTION BC 1704.1 AND THE APPLICABLE SECTIONS OF NYC BUILDING CODE ARE LISTED IN THE FOLLOWING TABLES. THE CONTRACTOR SHALL INITIAL BRIGHTNESS ON LETTERS OF AT LEAST 25 FOOT LAMBERTS, LETTERS SHALL BE RED, THE BACKGROUND SHALL BE WHITE TRANSLUCENT FROSTED OPAL GLASS. LETTERS SHALL BE BLOCK LETTERING AT LEAST 4- 1/2" HIGH, WITH 5/16" STROKES.
4) BUILDING ENTRANCE DOORS AND OTHER EXTERIORS DOORS SHALL BE EQUIPPED WITH HEAVY DUTY LOCK SETS WITH AUXILIARY LATCH AND KEYS TO PREVENT THE LATCH FORM BEING MANIPULATED BY MEANS OTHER THAN A KEY (BC100B.4.1)

D. Underpinning (BC 1104.4.1)
E. Mechanical Systems (BC 1104.15)
F. Structural Safety - Structural Stability (BC 1104.19)
G. Exc. - sheeting/shoring/bracing (BC 1104.14, BC 3304.4.1)
H. Heating systems (BC 1104.23)
I. Firestop, Draftstop, Firelock Systems (BC 1104.25)

4) POSTING OF PERMITS AND NOTICE OF COMMENCEMENT OF WORK SHALL COMPLY WITH 28-103.1 AND BC 105.5
5) NO WORK SHALL BE PERFORMED BEYOND BUILDING LINES WITHOUT APPROVAL OF THE DEPARTMENT OF HIGHWAYS.
6) THE BUILDING IS CLASSIFIED AS MULTIPLE DWELLING OCCUPANCY USE GROUP R-2 AS PER SUB-CHAPTER 3 OF THE BUILDING CODE.
THERE WILL BE NO OFF SITE FILL.

SEPARATE APPLICATION TO BE FILED
THE FOLLOWING ITEMS SHALL BE FILED UNDER SEPARATE APPLICATION:
FIRE ALARM #120354171
SPRINKLER/STANDPIPE #120321431
BUILDERS PAVEMENT PLAN #120294284
FIRE PROTECTION PLAN #120354638
ELEVATORS

STOPPING FIRE & FIRE RETARDING
1) BUILDING SHALL BE FILED UNDER "NEW CODE" AND IS CLASSIFIED AS CLASSIC
2) LINTELS OVER OPENINGS WIDER THAN 4'-0" IN MASONRY WALLS SHALL BE PROTECTED BY 2 HOUR RATED CONSTRUCTION TABLES 601 AND BC 714.6
3) ROOF COVERING CONFORMS TO AT LEAST CLASS 'A' CLASSIFICATION (TABLE T20.1)
4) ALL SHAFTS ARE 2 HOUR CONSTRUCTION AND SHALL COMPLY WITH BC 704.4
5) WHERE PIPES, WIRES, CONDUITS, DUCTS, ETC. Pierce FIRE PROTECTION OF INDIVIDUALLY ENCASED STRUCTURAL MEMBERS SUCH PENETRATIONS SHALL NOT EXCEED 2% OF ANY FACE OF MEMBER PROTECTION, AND SHALL BE CLOSED OFF WITH CLOSE FITTING METAL ESCUTCHEONS OR PLATES AND CONCEALED SPACE SHALL BE FIRESTOPPED AT EACH STORY (BC 714.3).
6) DUCTS, PIPES AND CONDUITS PASSING THROUGH RATED CONSTRUCTION SHALL HAVE SPACES NOT EXCEEDING 1/2" PACKED WITH MINERAL WOOL AND CLOSED OFF WITH CLOSE FITTING METAL ESCUTCHEONS. AGGREGATE NET AREA OF SUCH OPENINGS SHALL NOT EXCEED 25 SQUARE INCHES IN ANY 100 SQUARE FEET OR WALL OR FLOOR AREA UNLESS PROTECTED BY RATED SELF-CLOSING DEVICES (27-343)

7) WHERE BARRIERS SHALL COMPLY WITH PROVISIONS OF SECTION BC 106.4 AND SHALL BE CONTINUOUS THROUGH ANY CONCEALED SPACE IN FLOOR OR ROOF CONSTRUCTION.
8) TENANT APARTMENTS SHALL BE SEPARATED BY PARTITIONS NOT LESS THAN ONE HOUR SEPARATIONS SHALL CONTINUE THROUGH CONCEALED SPACES ABOVE.
9) OPENINGS IN FIRE DIVISIONS AND SEPARATIONS SHALL COMPLY WITH BC 712.2
10) CONCEALED SPACES WITHIN PARTITIONS, WALLS, FLOORS, ROOFS, STAIRS FURRINS, PIPE SPACES, COLUMN ENCLOSURE, ETC, SHALL BE FIRESTOPPED (NOT WHERE CONCEALED SPACE IS SPRINKLED) WITH NON-COMBUSTIBLE MATERIAL THAT CAN BE SHAPED , FITTED AND PERMANENTLY SECURED IN POSITION (BC 711.0)
11) FINISH FLOORING IN ALL EXITS SHALL BE OF NON-COMBUSTIBLE MATERIAL (BC 804.5)
12) ALL EXITS SHALL BE KEPT READILY ACCESSIBLE AND UNOBSTRUCTED AT ALL TIMES. (BC 1014.2)
13) SMOKE DETECTORS ARE CONNECTED TO THE CENTRAL ELECTRICAL SYSTEM SHALL BE PROVIDED NEAR SLEEPING AREAS IN ALL APARTMENTS.
14) STRUCTURAL STEEL SUPPORTING SHAFT WALLS AND FIREPROOF FLOORS AND CEILING SHALL HAVE 2 HOUR RATED FIRE RETARDING AS INDICATED ON THE DRAWINGS.
15) WHERE PIPES AND / OR DUCTS PASS THROUGH FLOORS, SUCH OPENING SHALL BE COMPLETELY FIRESTOPPED WITH CONCRETE PRIOR TO CONSTRUCTIONS OF ENCLOSING PARTITIONS OR WALLS.
16) WHERE PIPES OR DUCTS PASS THROUGH WALLS, SUCH OPENING SHALL BE COMPLETELY FIRESTOPPED WITH NON-COMBUSTIBLE MATERIAL PRIOR TO APPLYING FINISH TO WALLS.
17) EXTEND DUCT FIRE-RETARDING TO UNDERSIDE OF ROOFING.
18) SUSPENDED GYPSUM BOARD CEILING SHALL BE OF 5/8" F.G. 60 (1) BOARD.
19) KITCHETTE DROP ARCHES (da) SHALL BE 1'-0" MINIMUM BELOW CEILING.

EGRESS
1) MAJOR EXITS FROM ACCESSORY OCCUPANCY SPACES SHALL CONFORM TO EXIT REQUIREMENTS OF THE OCCUPANCY GROUP CLASSIFICATION OF THE BUILDINGS (27-257)
2) EXIT PASSAGEWAYS AND STAIRS ARE OF 2 HOUR RATED CONSTRUCTION IN COMPLIANCE WITH TABLE 601.
3) ALL EXIT DOORS AND DOORS PROVIDING ACCESS TO EXITS ARE LISTED IN A SEPARATE SCHEDULE AND COMPLY WITH THE DETAILED REQUIREMENTS OF BC1014.2.1, BC1014.2.2.
4) EXIT DOORS SHALL BE READILY OPENABLE AT ALL TIMES FROM THE SIDE FROM WHICH EGRESS IS TO BE MADE FROM.
5) EXIT LIGHTING SHALL BE ON CIRCUITS THAT ARE SEPARATE FROM ANY OTHER CIRCUITS, TAKEN OFF AHEAD OF MAIN SWITCH (BC1015.5).
6) EXITS AND EXIT ACCESS DOORS SHALL BE MARKED BY AN APPROVED EXIT SIGN READILY VISIBLE FROM ANY DIRECTION OF EGRESS TRAVEL. ACCESS TO EXITS SHALL BE MARKED BY READILY VISIBLE EXIT SIGNS WHERE THE EXIT OR THE PATH OF EGRESS TRAVEL IS NOT IMMEDIATELY VISIBLE TO THE OCCUPANTS. EXIT SIGN PLACEMENT SHALL NSIONS, 1.3BE SUCH THAT NO POINT IN AN EXIT ACCESS CORRIDOR IS MORE THAN 100 FEET OR THE STIED VIEWING DISTANCE FOR THE SIGN, WHICHEVER IS LESS, FROM THE NEAREST VISIBLE EXIT SIGN (BC1011.1).
7) EXIT SIGNS SHALL BE INTERNALLY LIGHTED, HAVING AN INITIAL BRIGHTNESS ON LETTERS OF AT LEAST 25 FOOT LAMBERTS, LETTERS SHALL BE RED, THE BACKGROUND SHALL BE WHITE TRANSLUCENT FROSTED OPAL GLASS. LETTERS SHALL BE BLOCK LETTERING AT LEAST 4- 1/2" HIGH, WITH 5/16" STROKES.
8) BUILDING ENTRANCE DOORS AND OTHER EXTERIORS DOORS SHALL BE EQUIPPED WITH HEAVY DUTY LOCK SETS WITH AUXILIARY LATCH AND KEYS TO PREVENT THE LATCH FORM BEING MANIPULATED BY MEANS OTHER THAN A KEY (BC100B.4.1)

9) DOORS TO DWELLING UNITS SHALL BE EQUIPPED WITH A HEAVY DUTY LOCKSET: A DEAD BOLT OR AUXILIARY LATCH TO PREVENT MANIPULATION BY MEANS OTHER THAN A KEY. THESE DOORS SHALL ALSO BE EQUIPPED WITH A CHAIN DOOR GUARD SO AS TO PERMIT PARTIAL OPENINGS OF THE DOOR AND AERATE AIR FROM CONCENTRATION THAN DEVICE LOCATED SO AS TO ENABLE THE PERSON ON THE INSIDE TO VIEA A PERSON IMMEDIATELY OUTSIDE (BC100B.4.2).
10) ALL OPENABLE WINDOWS SHALL BE EQUIPPED WITH SASH LOCKS DESIGNED TO BE OPENABLE FROM THE INSIDE ONLY (BC100B.4.3).
11) EXIT AND ACCESS REQUIREMENTS ARE TO BE CALCULATED AS PER TABLE 1004.1.2 & 1005.1
12) ALL EXITS SHALL BE KEPT READILY ACCESSIBLE AND UNOBSTRUCTED AT ALL TIMES.
13) FINISH FLOORING IN ALL EXITS SHALL BE OF NON-COMBUSTIBLE MATERIALS BC1804.5.
14) CORRIDORS ARE TO COMPLY WITH ALL APPLICABLE REQUIREMENTS OF BC1016.0 INCLUDING THE FOLLOWING:
a) CORRIDORS ARE TO HAVE A CLEAR HEIGHT OF 7'-6" FOR AT LEAST 75% OF FLOOR AREA WITH NO POINT LESS THAN 7'0" IN HEIGHT. NO PROJECTION BELOW THE CEILING IS TO BE LOCATED SO AS TO OBSTRUCT FULL VIEW OF EXIT SIGNS.
b) CORRIDORS ARE TO BE SUBDIVIDED BY SMOKE FITS OR FROM CORRIDORS TO STAIRS SHALL HAVE STC OF 50.
c) CORRIDORS ARE TO BE COMPLETELY ENCLOSED IN CONSTRUCTION HAVING A ONE-HOUR FIRE RESISTANCE RATING WITH ALL CORRIDOR OR DOORS BEING SELF-CLOSING AND HAVING A FIRE PROTECTION RATING OF THREE QUARTER HOURS.
d) DOORS ARE TO COMPLY WITH ALL APPLICABLE REQUIREMENTS OF BC100B.0 INCLUDING THE FOLLOWING:
1) DOORS FOR REQUIRED EXITS ARE TO BE SELF-CLOSING WITH A 1 1/2 HOUR FIRE PROTECTION RATING EXCEPT THAT EXTERIOR STREET FLOOR EXIT DOORS HAVING AN EXTERIOR SEPARATION OF MORE THAN 15" NEED NOT BE FIRE-PROTECTED AND EXITS INTO STAIRS AND EXIT PASSAGEWAYS SHALL HAVE A MINIMUM FIRE PROTECTION RATING OF 3/4 HOUR.
2) DOOR LAMBERTS SHALL BE AS PROVIDED AND THICKNESS WHEN OPEN IS NOT TO REDUCE THE REQUIRE WIDTH BY MORE THAN 3" FOR EACH 22" OF WIDTH. DOOR OPENINGS TO ALL HABITABLE AND DISTANCE AREAS OF A MINIMUM OF 20" MINIMUM.
3) ALL EXIT DOORS ARE TO OPEN IN THE DIRECTION OF EGRESS EXCEPT AS PERMITTED PER BC100B.1.2.2.
4) FLOOR LEVELS ON BOTH SIDES OF ALL EXITS AND CORRIDOR DOORS ARE TO BE LEVEL AND AT THE SAME LEVEL EXCEPT FOR A DISTANCE AT LEAST EQUAL TO THE WIDTH OF THE DOOR.
e) EXIT DOORS SHALL BE READILY OPENABLE AT ALL TIMES FROM THE SIDE FROM WHICH EGRESS IS TO BE MADE FROM.
f) ENCLOSURE SHALL NOT BE LOCKED FROM EITHER SIDE EXCEPT THAT DOORS MAY BE LOCKED TO PREVENT ACCESS TO THE STAIR FROM THE OUTSIDE AT STREET LEVEL.
g) INTERIOR STAIRS ARE TO COMPLY WITH ALL APPLICABLE REQUIREMENTS OF BC1004.0, INCLUDING THE FOLLOWING:
1) THE CLEAR HEADROOM IS TO BE AT LEAST 7'0" MINIMUM EXCEPT THAT IN BUILDING CLASSIFIED IN OCCUPANCY GROUPS R-2, THE MINIMUM CLEAR HEADROOM MAY BE 6'-8"

h) LANDINGS AND PLATFORMS PROVIDED AT THE HEAD AND FLOOR OF EACH FLIGHT OF STAIRS ARE TO HAVE A MINIMUM WIDTH PERPENDICULAR TO THE DIRECTION OF TRAVEL OF AT LEAST THE WIDTH OF THE STAIR FLIGHT. IN GREATERTERMINATION BETWEEN RISERS OF UPPER AND LOWER FLIGHTS, NEED TO BE MORE THAN 4" ENCLOSED BY WALLS, GRILLS OR GUARDS, AT LEAST 3" HIGH.
i) THE MAXIMUM PERMISSIBLE RISE OF SINGLE FLIGHT OF STAIR BETWEEN FLOORS IS NOT TO EXCEED 12'-0". NO FLIGHT OF STAIRS IS TO HAVE FEWER THAN 2 RISERS.
j) RISERS SHALL BE OF A MAXIMUM OF 7'-3/4" HIGH, THREATENED BY A 1/2" INCH EXCLUSIVE OF NOSING. THE SUM OF 2 RISERS PLUS ONE TREAD IS NOT TO BE LESS THAN 24" NOR MORE THAN 25". RISER HEIGHT AND TREAD WIDTH SHALL BE SHOWN IN ANY FLIGHTS OF STAIRS FROM STORY TO STORY.
k) STAIRS SHALL HAVE HANDRAILS ON ONE SIDE ONLY. HANDRAILS SHALL PROVIDE A FINGER CLEARANCE OF 1 1/2" INTO REQUIRED STAIR WIDTH. HEIGHT OF HANDRAILS SHALL BE BETWEEN 30" AND 34" ABOVE THE TREAD NOSING. HANDRAILS SHALL BE SECURED TO WALLS AND POSTS AT THEIR TERMINATION.
l) INTERIOR REQUIRED STAIRS EXTENDING TO THE ROOF SHALL BE VENTED AS PER THE REQUIREMENTS OF BC1011.3.
m) PASSAGEWAYS ARE TO COMPLY WITH ALL APPLICABLE REQUIREMENTS OF BC1020.0, INCLUDING THE FOLLOWING:
a) EXIT PASSAGEWAYS SHALL BE MAINTAINED CLEAR OF OBSTRUCTIONS AT ALL TIMES. NOT MORE THAN 50% OF THE TOTAL NUMBER OF VERTICAL EXITS PROVIDED FOR A BUILDING MAY BE SURVEYED BY A SINGLE EXIT PASSAGEWAY, EXCEPT IN THE CASE OF A STREET FLOOR LOBBY. IF EGRESS IS PROVIDED IN 2 DIFFERENT DIRECTIONS FROM THE DISCHARGE FRONTS OF ALL VERTICAL EXITS TO OPEN EXTERIOR SPACES THAT ARE REMOTE FROM EACH OTHER.
b) EXIT PASSAGEWAYS ARE TO HAVE A CLEAR HEIGHT OF 7'-6" FOR AT LEAST 75% OF FLOOR AREA, WITH NO POINT LESS THAN 7'-0" IN HEIGHT. NO PROJECTION BELOW THE CEILING IS TO BE LOCATED SO AS TO OBSTRUCT FULL VIEW OF EXIT SIGNS.
c) NO OPENINGS OTHER THAN EXIT DOORS SHALL BE PERMITTED IN EXIT PASSAGEWAYS, EXCEPT AS PROVIDED FOR STREET FLOOR LOBBIES.
d) EXITS AND EXIT ACCESS DOORS SHALL BE MARKED BY AN APPROVED EXIT SIGN READILY VISIBLE FROM ANY DIRECTION OF EGRESS TRAVEL. ACCESS TO EXITS SHALL BE MARKED BY READILY VISIBLE EXIT SIGNS WHERE THE EXIT OR THE PATH OF EGRESS TRAVEL IS NOT IMMEDIATELY VISIBLE TO THE OCCUPANTS. EXIT SIGN PLACEMENT SHALL NSIONS, 1.3BE SUCH THAT NO POINT IN AN EXIT ACCESS CORRIDOR IS MORE THAN 100 FEET OR THE STIED VIEWING DISTANCE FOR THE SIGN, WHICHEVER IS LESS, FROM THE NEAREST VISIBLE EXIT SIGN (BC1011.1).
7) EXIT SIGNS SHALL BE INTERNALLY LIGHTED, HAVING AN INITIAL BRIGHTNESS ON LETTERS OF AT LEAST 25 FOOT LAMBERTS, LETTERS SHALL BE RED, THE BACKGROUND SHALL BE WHITE TRANSLUCENT FROSTED OPAL GLASS. LETTERS SHALL BE BLOCK LETTERING AT LEAST 4- 1/2" HIGH, WITH 5/16" STROKES.
8) BUILDING ENTRANCE DOORS AND OTHER EXTERIORS DOORS SHALL BE EQUIPPED WITH HEAVY DUTY LOCK SETS WITH AUXILIARY LATCH AND KEYS TO PREVENT THE LATCH FORM BEING MANIPULATED BY MEANS OTHER THAN A KEY (BC100B.4.1)

FINISHES AND DETAILS
1) INTERIOR FINISHES SHALL BE CLASSIFIED IN ACCORDANCE WITH SURFACE FLAME SPREAD RATINGS (PER TABLE 803.5)
2) MATERIALS FOR INTERIOR TRIM SHALL HAVE MINIMUM CLASS 'A' FLAME SPREAD AS REQUIRED BY SECTION 803.1. COMBUSTIBLE TRIM, EXCLUDING LAMBERTS AND MOLDINGS, SHALL NOT EXCEED 10 PERCENT OF THE AGGREGATE WALL OR CEILING AREA IN WHICH IT IS LOCATED.(BC805.3)

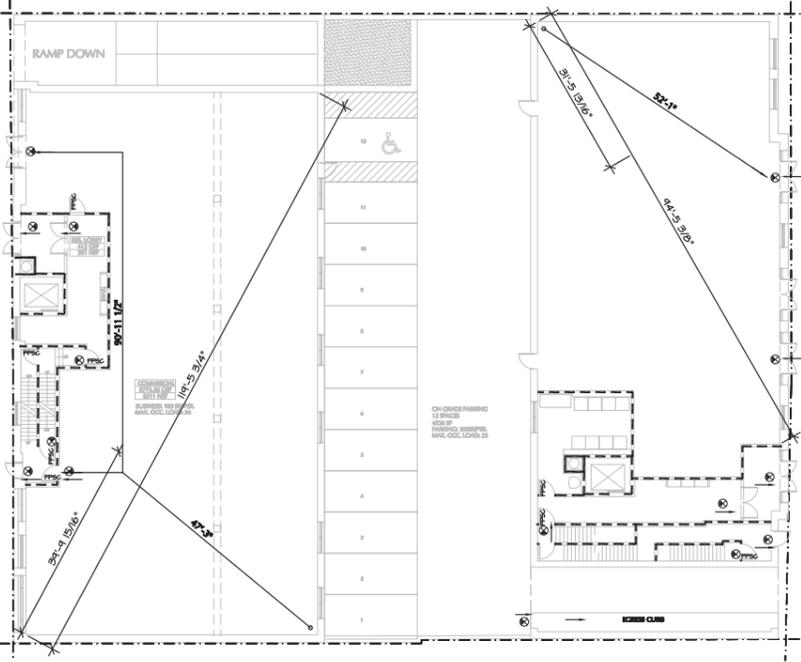
3) ATTACHMENT AND ADHESIVES FOR INTERIOR FINISH TO HAVE THE SAME FIRE AND SMOKE DEVELOPED RATING OF THE INTERIOR FINISHES.
4) INTERIOR WALL OR CEILING FINISHES, OTHER THAN TEXTILES, ION EXPOSURE TO FIRE, SHALL NOT PRODUCE PRODUCTS OF DE COMPOSITION OR COMBUSTION THAT ARE MORE TOXIC IN POINT OF CONCENTRATION THAN THOSE GIVEN OFF BY WOOD OR PAPER WHEN DECOMPOSING OR BURNING UNDER COMPARABLE CONDITIONS. (BC 803.2.2)
5) FOR CONSTRUCTION GROUP 1, COMBUSTIBLE FLOORING MAY BE USED WHEN IN COMPLIANCE WITH BC804.4.1 & BC804.4.4.
6) ALL GLASS PANELS, USED IN DOORS AS INTERIOR PARTITIONS, ETC, SHALL BE IN COMPLIANCE WITH CHAPTER 1 THICKNESS, MAXIMUM GLASS PANEL AREA, STRENGTH, ETC. OF CHAPTER 12.
7) EXCEPT FOR MISCELLANEOUS TRIM AND MOLDINGS, ALL WOOD USED SHALL BE FIRE-RETARDANT, I.E. BLOCKING, ETC.

NOISE CONTROL
1) BOILER ROOMS AND MECHANICAL SPACES SHALL BE SEPARATED FROM ADJACENT DWELLINGS UNITS TO PROVIDE A MINIMUM STC OF 50.
2) WALLS, PARTITIONS AND FLOOR-CEILING CONSTRUCTION SEPARATING DWELLINGS UNITS FROM EACH OTHER OR FROM CORRIDORS TO STAIRS SHALL HAVE STC OF 50.
3) PENETRATION OF OPENINGS IN WALLS, PARTITIONS, OR FLOORS FOR PIPE SLEEVES, MEDICINE CABINETS, ELECTRIC DEVICES, ETC, SHALL BE PACKED, SEALED AND OTHERWISE ISOLATED TO MAINTAIN THE REQUIRED RATING.
4) INTERIOR WALLS, PARTITIONS, FLOOR AND CEILING CONSTRUCTION AND MECHANICAL EQUIPMENT SHALL BE SEPARATED IN ACCORDANCE WITH CHAPTER 12 OF THE BUILDING CODE PROVIDING MINIMUM PROTECTION.
6) WALLS, PARTITIONS, FLOOR-CEILING CONSTRUCTION SEPARATING DWELLINGS UNITS FROM EACH OTHER OR FROM PUBLIC CORRIDORS OR STAIRS TO HAVE MINIMUM STC RATING OF 50 FOR AIRBORNE NOISE. AN STC RATING 35 SHALL BE PROVIDED FOR APARTMENT ENTRANCE DOORS, AS PER BC1201.2.
7) ALL MECH EQUIPMENT SUPPORTED ON FLOORS ABOVE A STORY HAVING KELLING UNITS SHALL BE SUPPORTED ON RESILIENT ISOLATORS HAVING A MINIMUM STATIC DEFLECTION OF 1 INCH. THE ISOLATORS SHALL BE INSTALLED DIRECTLY UNDER THE STRUCTURAL FRAME OF THE BOILER.
8) DUCTS ARE TO COMPLY WITH ALL APPLICABLE REQUIREMENTS OF 27-710 (a) (3) INCLUDING THE FOLLOWING:
1) ALL SERVING DWELLINGS UNITS SHALL BE LINED WITH DUCT LINING FOR AT LEAST 20 FEET UPSTREAM OF THE EXHAUST FAN INTAKE. OTHERWISE, AN APPROVED SOUND ATTENUATION DEVICE SHALL BE INSTALLED THEREIN.
2) ALL TOILET EXHAUST DUCTS SHALL BE LINED WITH DUCT LINING FOR AT LEAST 20 UPSTREAM OF THE EXHAUST FAN INTAKE. OTHERWISE, AN APPROVED SOUND ATTENUATION DEVICE SHALL BE INSTALLED THEREIN.
3) DUCT LATTING SHALL CONFORM TO THE REQUIREMENTS OF ARTICLE 13 OF THE CODE.
4) THE OWNER IS AWARE THAT HE/SHE MUST ENGAGE AN INDEPENDENT MEASURING AND MEASURING ORGANIZATION TO MEASURE THE STC OF THE PARTITIONS, FLOORS, CEILING ASSEMBLIES AND DUCTS BETWEEN APARTMENTS AS PER DIRECTIVE #5 OF 1412, 1413, 1414, 1415, 1416, 1417, 1418, 1419, 1420, 1421, 1422, 1423, 1424, 1425, 1426, 1427, 1428, 1429, 1430, 1431, 1432, 1433, 1434, 1435, 1436, 1437, 1438, 1439, 1440, 1441, 1442, 1443, 1444, 1445, 1446, 1447, 1448, 1449, 1450, 1451, 1452, 1453, 1454, 1455, 1456, 1457, 1458, 1459, 1460, 1461, 1462, 1463, 1464, 1465, 1466, 1467, 1468, 1469, 1470, 1471, 1472, 1473, 1474, 1475, 1476, 1477, 1478, 1479, 1480, 1481, 1482, 1483, 1484, 1485, 1486, 1487, 1488, 1489, 1490, 1491, 1492, 1493, 1494, 1495, 1496, 1497, 1498, 1499, 1500, 1501, 1502, 1503, 1504, 1505, 1506, 1507, 1508, 1509, 1510, 1511, 1512, 1513, 1514, 1515, 1516, 1517, 1518, 1519, 1520, 1521, 1522, 1523, 1524, 1525, 1526, 1527, 1528, 1529, 1530, 1531, 1532, 1533, 1534, 1535, 1536, 1537, 1538, 1539, 1540, 1541, 1542, 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LEGEND

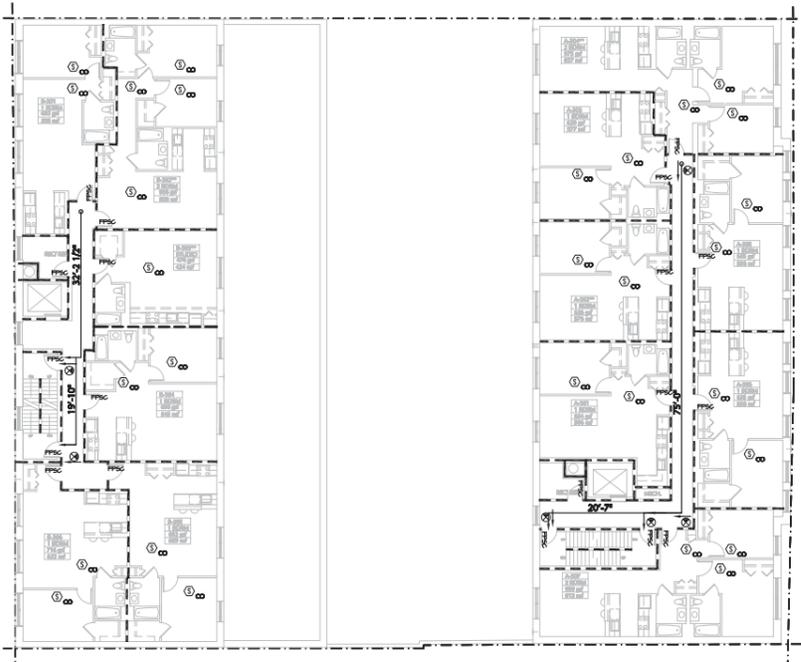
- ⊙ EXIT SIGN
- ⊙ SMOKE/CARBON MONOXIDE DETECTOR
- 34'-0" TRAVEL DISTANCE
- THREE-HOUR RATED WALL ASSEMBLIES (90 MINUTE FIRE RATED SELF-CLOSING DOOR)
- TWO-HOUR RATED WALL ASSEMBLIES (90 MINUTE FIRE-RATED SELF-CLOSING DOOR)

NOTE:
1. BUILDING IS FULLY SPRINKLERED PER NFPA 13



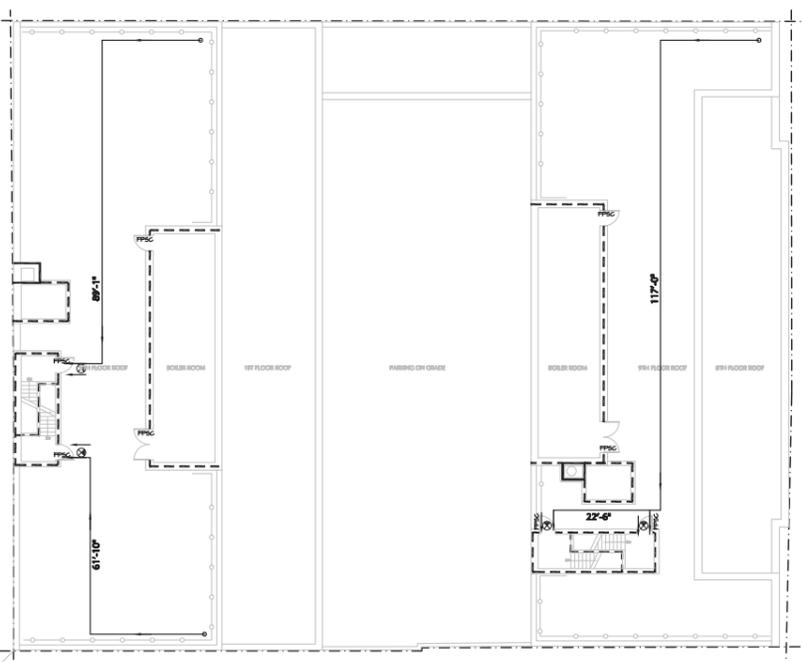
B FIRST FLOOR PLAN

1/8" = 1'-0"



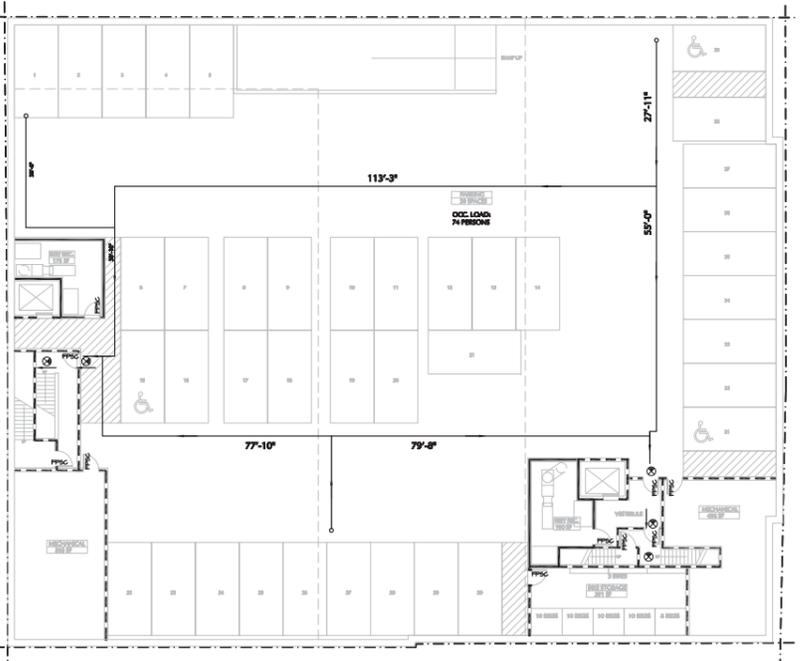
D 3RD-8TH FLOOR PLAN

1/8" = 1'-0"



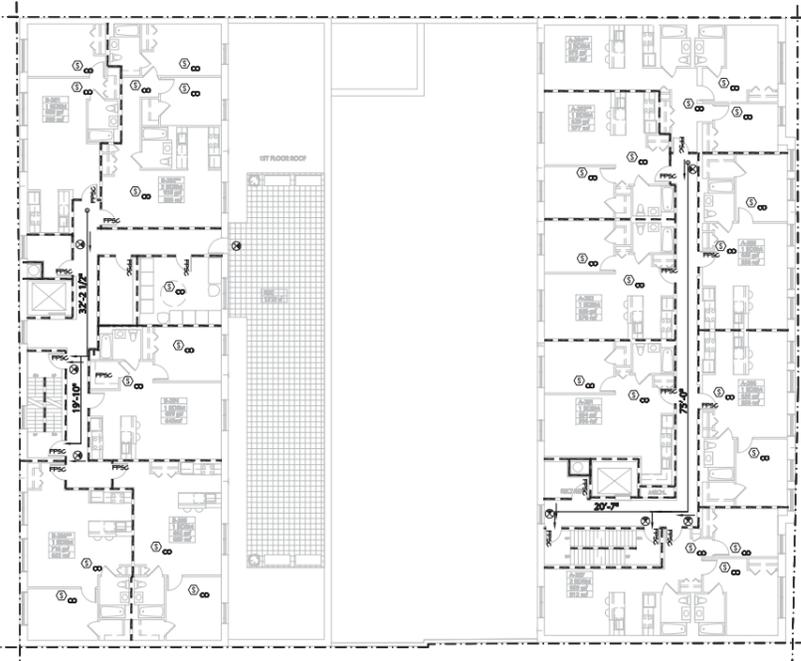
F ROOF PLAN

1/8" = 1'-0"



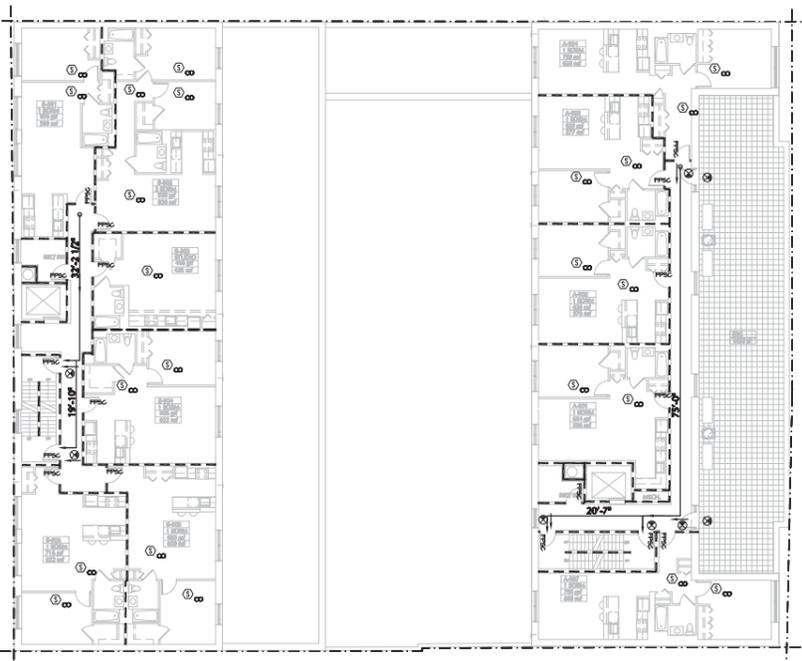
A CELLAR PLAN

1/8" = 1'-0"



C 2ND FLOOR PLAN

1/8" = 1'-0"



E 9TH FLOOR PLAN

1/8" = 1'-0"

161ST STREET MIXED-USE INCLUSIONARY HOUSING DEVELOPMENT QUEENS, NY

BLOCK: 9757, LOTS: 18, 20, 22 & 29

ZONE: R7X, C4-5X

PROJECT #1451.00

ARCHITECTS:
GF55 PARTNERS, LLP

OWNER:
BLUESTONE JAMAICA I, LLC

SEAL:

ISSUE:
DACE SUBMISSION

DATE:
20 MARCH 2012

REVISION:
08 MARCH 2011
13 JANUARY 2012
20 MARCH 2012

DRAWING:
FIRE PROTECTION FLOOR PLANS

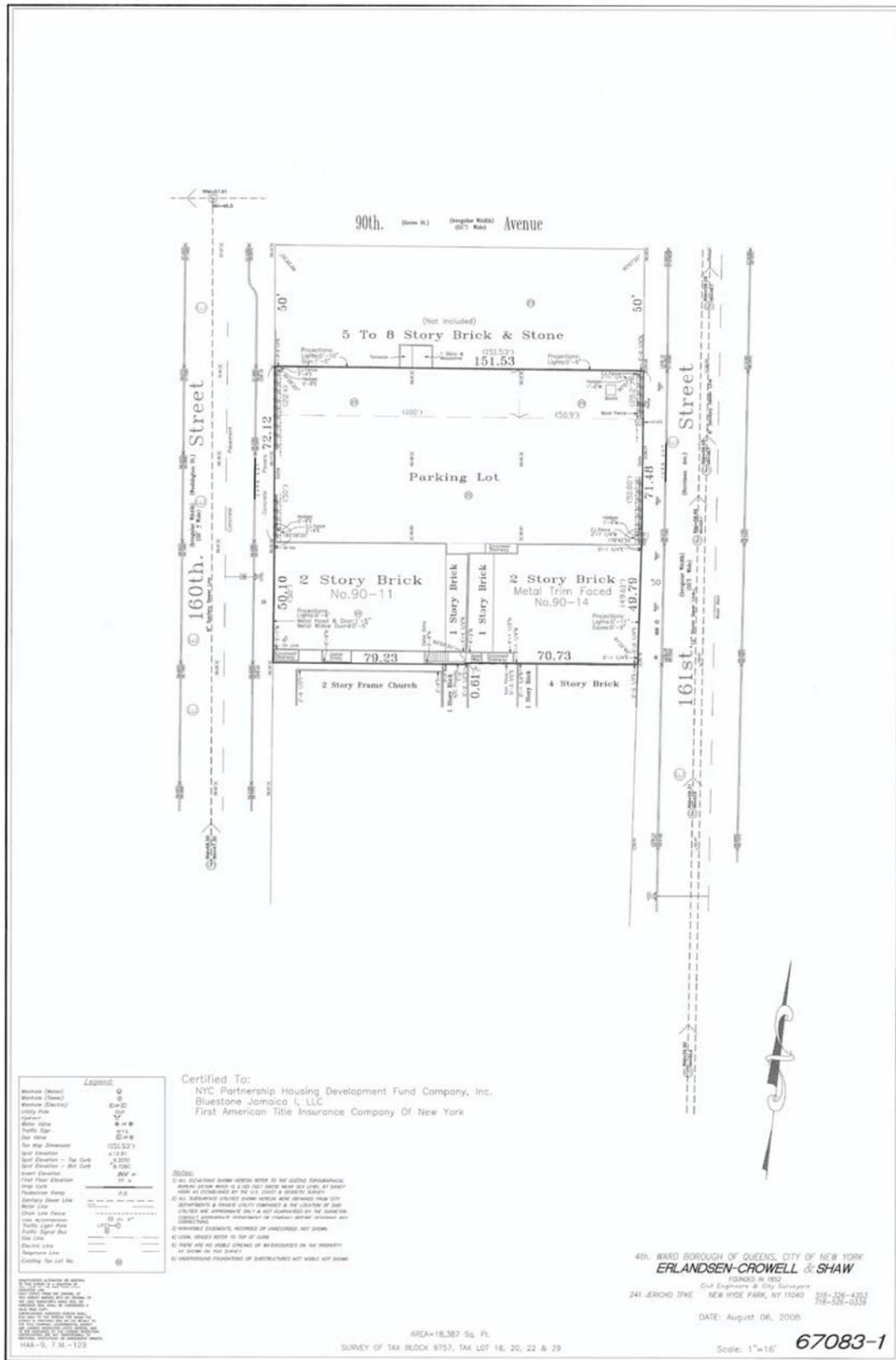
SCALE:
AS NOTED

DRAWN BY:

DRAWING NO.:

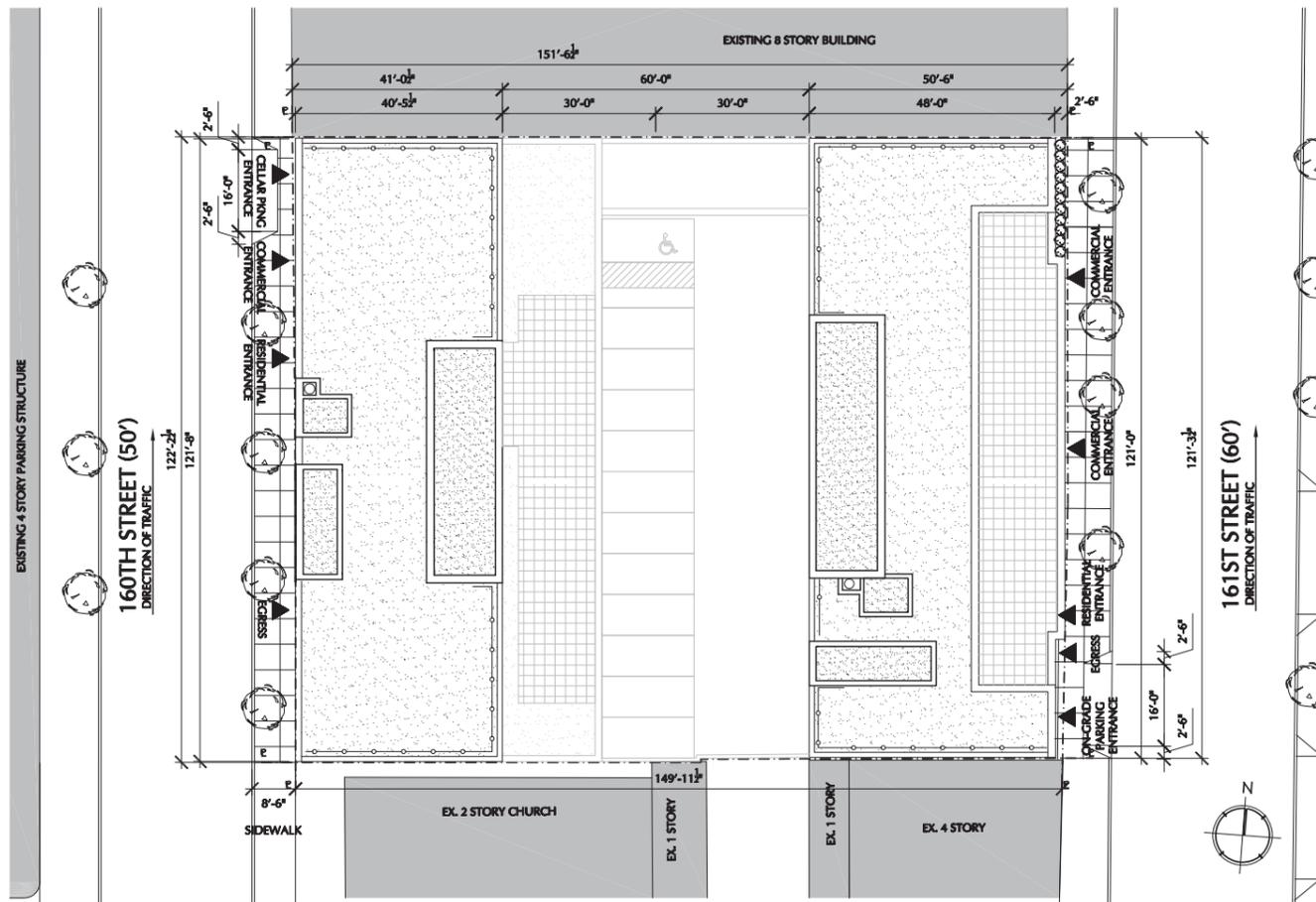
A-005.00

OF



B SITE SURVEY

NTS



A SITE PLAN

1/16"=1'-0"

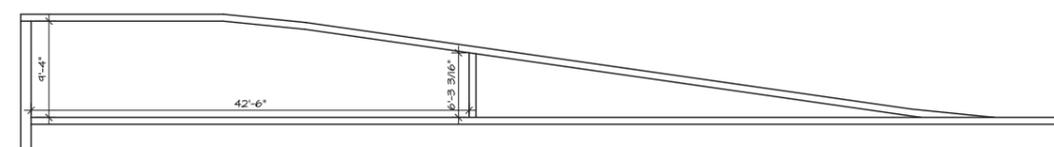
161ST STREET MIXED-USE INCLUSIONARY HOUSING DEVELOPMENT QUEENS, NY
 BLOCK: 9757, LOTS: 18, 20, 22 & 29
 ZONE: R7X, C4-5X
 PROJECT #1451.00

ARCHITECTS:
 GF55 PARTNERS, LLP
 OWNER:
 BLUESTONE JAMAICA I, LLC
 SEAL:

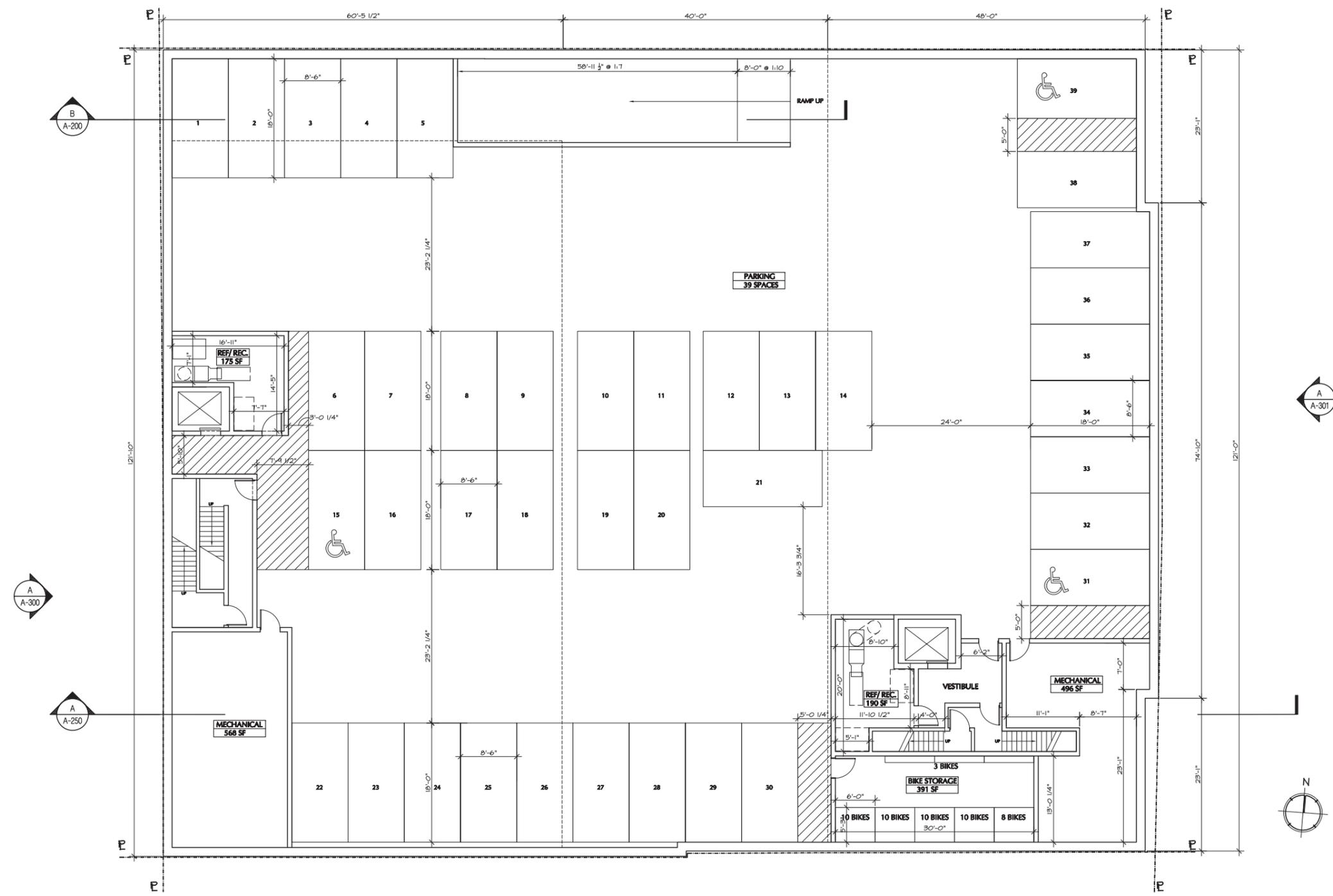
ISSUE:
 DACE SUBMISSION
 DATE:
 20 MARCH 2012
 REVISION:
 08 MARCH 2011
 13 JANUARY 2012
 20 MARCH 2012

DRAWING:
 SITE PLAN AND SURVEY
 SCALE:
 AS NOTED
 DRAWN BY:
 DRAWING NO.:

A-100.00
 OF



B SECTION THROUGH RAMP
1/8"=1'-0"



A CELLAR PLAN
1/8"=1'-0"

161ST STREET MIXED-USE INCLUSIONARY HOUSING DEVELOPMENT QUEENS, NY
BLOCK: 9757, LOTS: 18, 20, 22 & 29
ZONE: R7X, C4-5X
PROJECT #1451.00

ARCHITECTS:
GF55 PARTNERS, LLP

OWNER:
BLUESTONE JAMAICA I, LLC

SEAL:

ISSUE:
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DATE:
20 MARCH 2012

REVISION:
08 MARCH 2011
13 JANUARY 2012
20 MARCH 2012

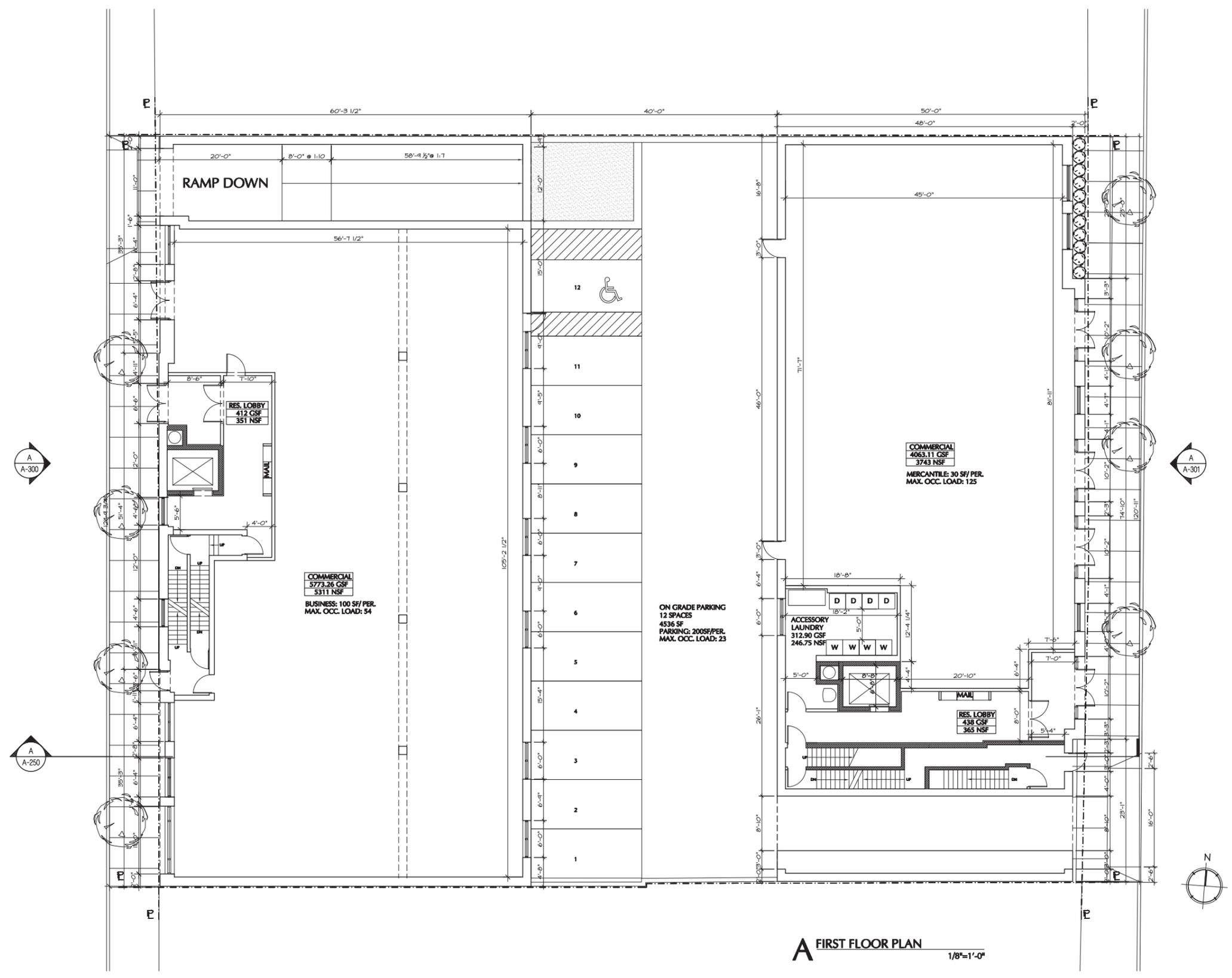
DRAWING:
CELLAR PLAN

SCALE:
AS NOTED

DRAWN BY:

DRAWING NO.:

NOTE:
BUILDING CONSTRUCTION CLASSIFICATION :
GROUP 1 - NON COMBUSTIBLE
CLASS 1-B NON- COMBUSTIBLE (2HR)
BUILDING MATERIAL (NEW CONSTRUCTION):
FOUNDATION WALL- CONCRETE
INTERIOR FINISH- EXPOSED CONCRETE TYP. @
MECHANICAL ROOM, EGRESS STAIR



A FIRST FLOOR PLAN
1/8"=1'-0"

161ST STREET MIXED-USE INCLUSIONARY HOUSING DEVELOPMENT QUEENS, NY
BLOCK: 9757, LOTS: 18, 20, 22 & 29
ZONE: R7X, C4-5X
PROJECT #1451.00

ARCHITECTS:
GF55 PARTNERS, LLP
OWNER:
BLUESTONE JAMAICA I, LLC
SEAL:

ISSUE:
DACE SUBMISSION
DATE:
20 MARCH 2012
REVISION:
08 MARCH 2011
13 JANUARY 2012
20 MARCH 2012

DRAWING:
1ST FLOOR PLAN
SCALE:
AS NOTED
DRAWN BY:
DRAWING NO.:

A-102.00
OF

NOTE:
 APARTMENT NOTED WITH ** ARE INCLUSIONARY UNITS

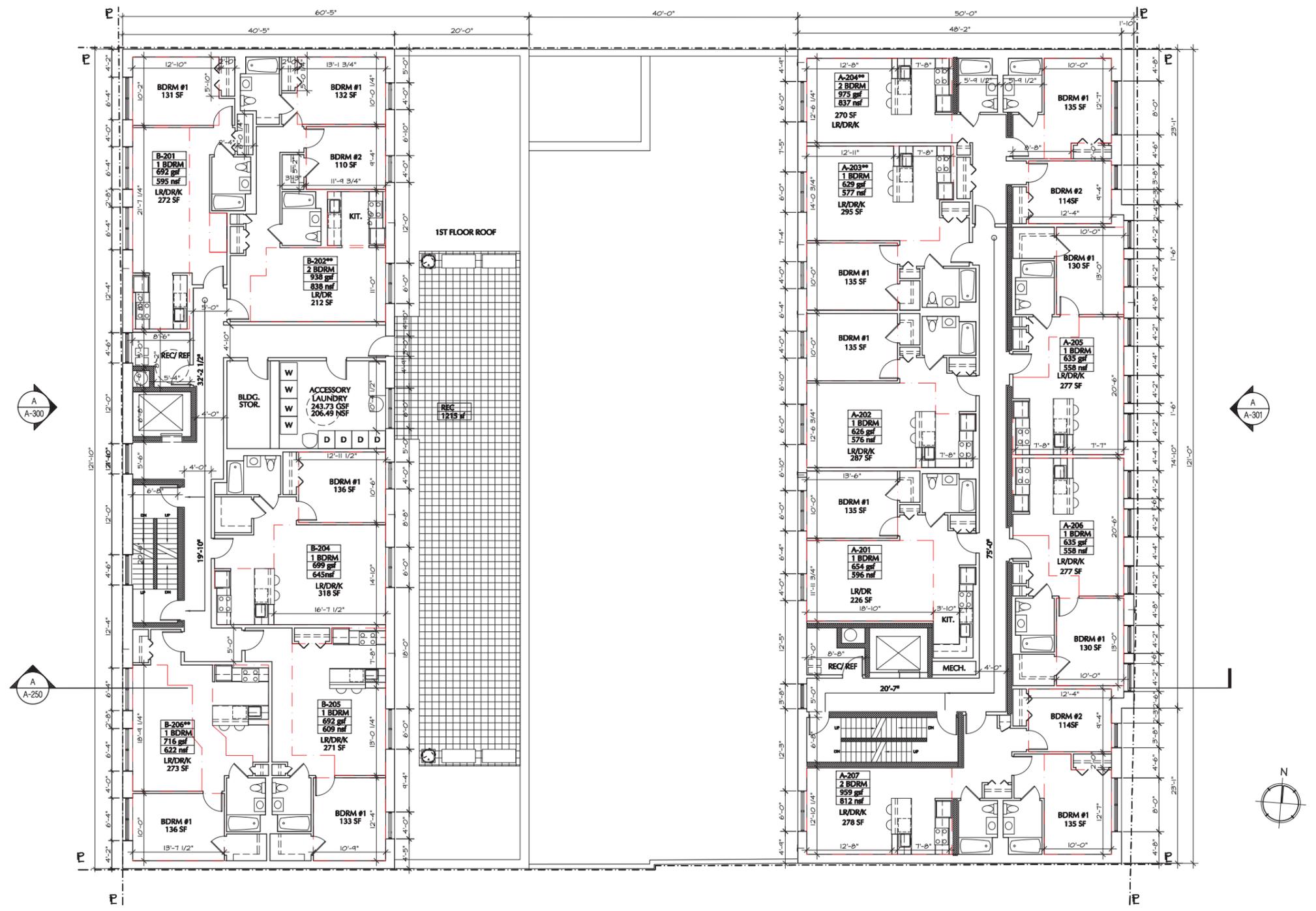
BUILDING "A" INCLUSIONARY UNITS:
 A-203, A-204

BUILDING "B" INCLUSIONARY UNITS
 B206

SUPER'S UNIT: B202

NOTE:
 BUILDING CONSTRUCTION CLASSIFICATION :
 GROUP 1 - NON COMBUSTIBLE
 CLASS 1-B NON- COMBUSTIBLE (2HR)

BUILDING MATERIAL (NEW CONSTRUCTION):
 FOUNDATION WALL- CONCRETE
 INTERIOR FINISH- EXPOSED CONCRETE TYP. @
 MECHANICAL ROOM, EGRESS STAIR



A SECOND FLOOR PLAN
 1/8"=1'-0"

161ST STREET MIXED-USE INCLUSIONARY HOUSING DEVELOPMENT QUEENS, NY

BLOCK: 9757, LOTS: 18, 20, 22 & 29
ZONE: R7X, C4-5X
PROJECT #1451.00

ARCHITECTS:
 GF55 PARTNERS, LLP

OWNER:
 BLUESTONE JAMAICA I, LLC

SEAL:

ISSUE:
 DACE SUBMISSION

DATE:
 20 MARCH 2012

REVISION:
 08 MARCH 2011
 13 JANUARY 2012
 20 MARCH 2012

DRAWING:
 2ND FLOOR PLAN

SCALE:
 AS NOTED

DRAWN BY:

DRAWING NO.:

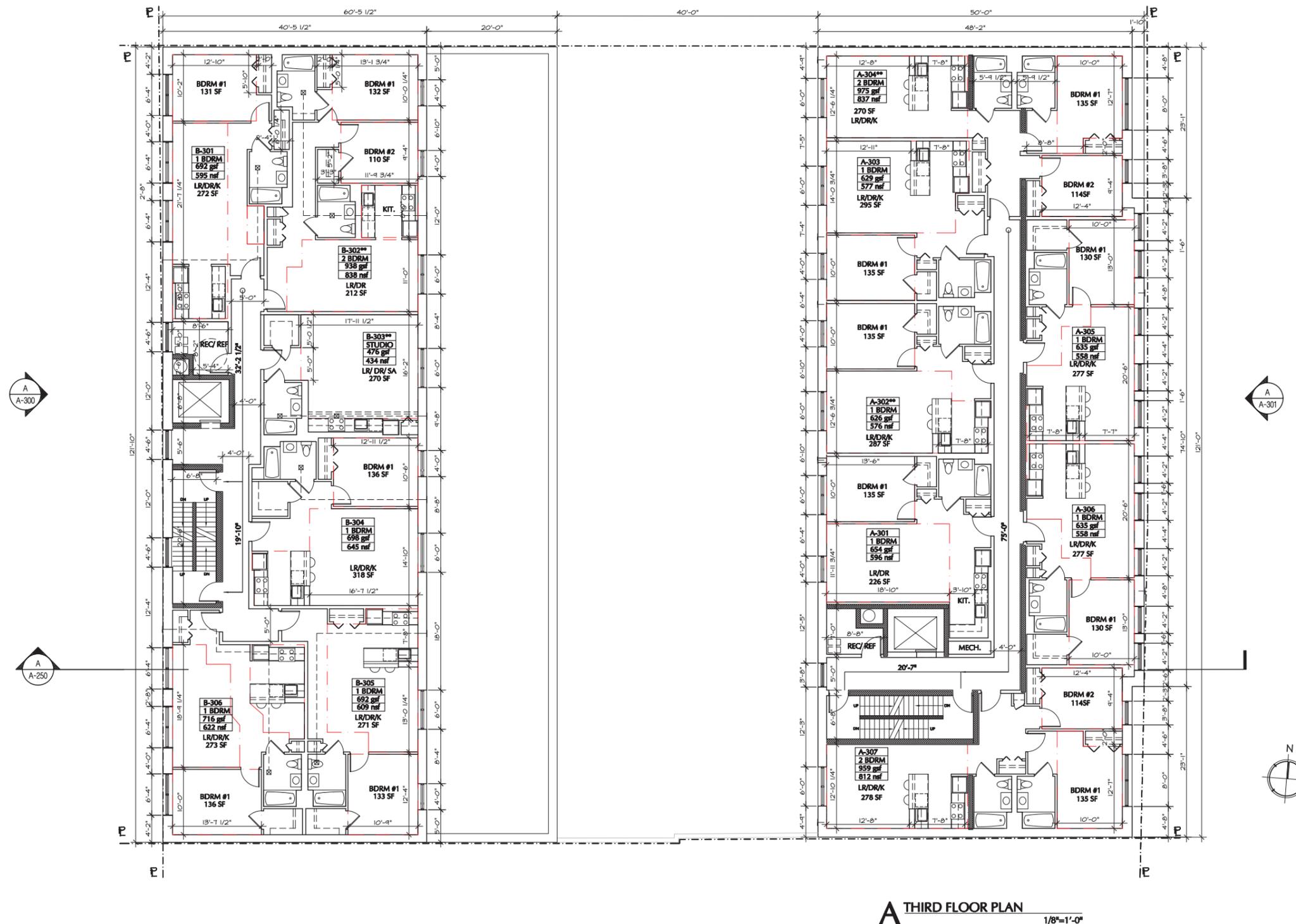
NOTE:
APARTMENT NOTED WITH ** ARE INCLUSIONARY UNITS

BUILDING "A" INCLUSIONARY UNITS:
A-302, A-304

BUILDING "B" INCLUSIONARY UNITS
B-302, B-303

NOTE:
BUILDING CONSTRUCTION CLASSIFICATION :
GROUP 1 - NON COMBUSTIBLE
CLASS 1-B NON- COMBUSTIBLE (2HR)

BUILDING MATERIAL (NEW CONSTRUCTION):
FOUNDATION WALL- CONCRETE
INTERIOR FINISH- EXPOSED CONCRETE TYP. @
MECHANICAL ROOM, EGRESS STAIR



A THIRD FLOOR PLAN
1/8"=1'-0"

161ST STREET MIXED-USE INCLUSIONARY HOUSING DEVELOPMENT QUEENS, NY
BLOCK: 9757, LOTS: 18, 20, 22 & 29
ZONE: R7X, C4-5X
PROJECT #1451.00

ARCHITECTS:
GF55 PARTNERS, LLP
OWNER:
BLUESTONE JAMAICA I, LLC
SEAL:

ISSUE:
DACE SUBMISSION
DATE:
20 MARCH 2012
REVISION:
08 MARCH 2011
13 JANUARY 2012
20 MARCH 2012

DRAWING:
3RD FLOOR PLAN
SCALE:
AS NOTED
DRAWN BY:
DRAWING NO.:

A-104.00
OF

NOTE:
APARTMENT NOTED WITH ** ARE INCLUSIONARY UNITS

BUILDING "A" INCLUSIONARY UNITS:

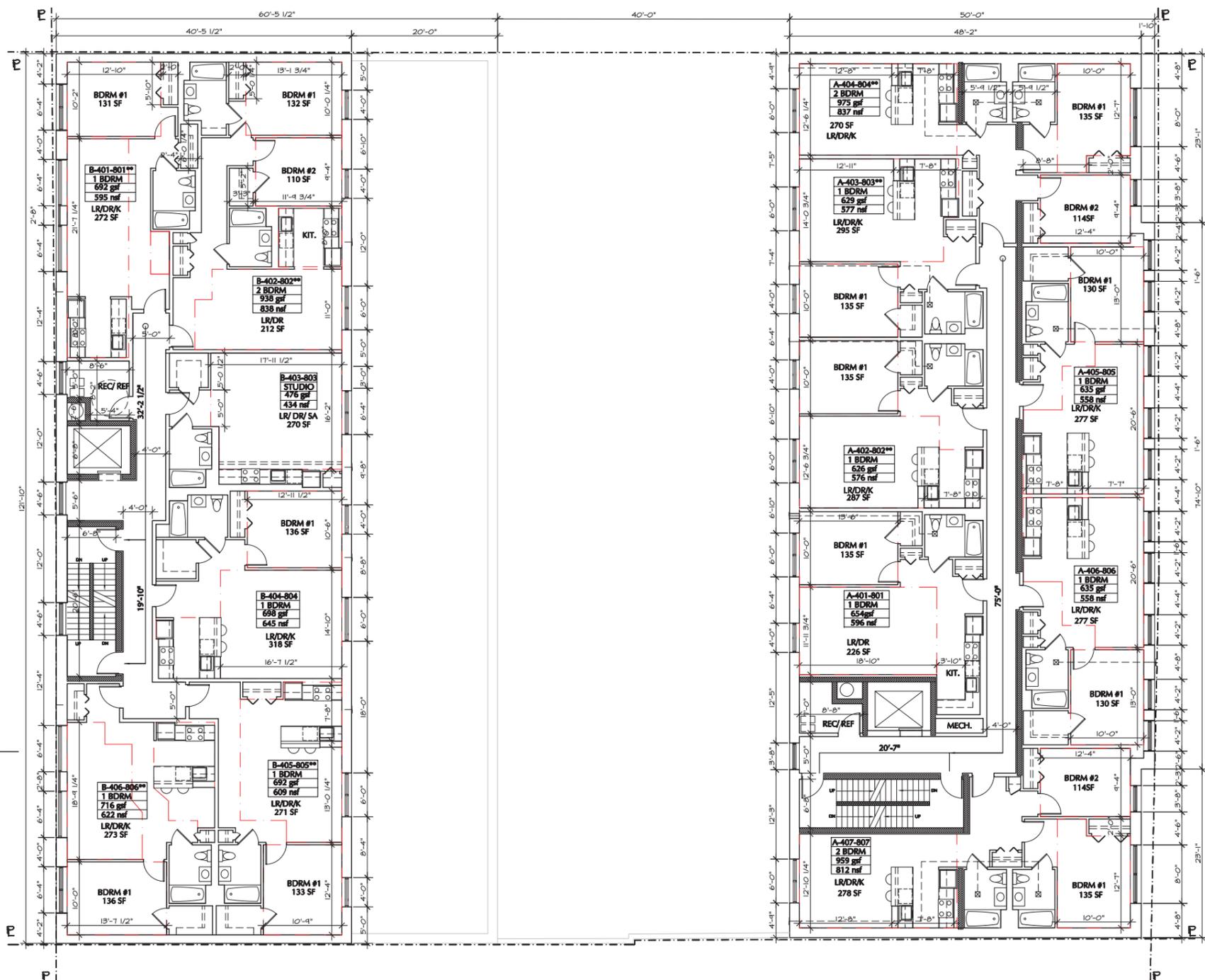
A-403, A-404
A-502, A-503
A-602, A-603
A-702

BUILDING "B" INCLUSIONARY UNITS

B-401, B-402
B-505, B-506
B-601, B605

NOTE:
BUILDING CONSTRUCTION CLASSIFICATION :
GROUP 1 - NON COMBUSTIBLE
CLASS 1-B NON- COMBUSTIBLE (2HR)

BUILDING MATERIAL (NEW CONSTRUCTION):
FOUNDATION WALL- CONCRETE
INTERIOR FINISH- EXPOSED CONCRETE TYP. @
MECHANICAL ROOM, EGRESS STAIR



A 4TH- 8TH FLOOR PLAN
1/8"=1'-0"

161ST STREET MIXED-USE INCLUSIONARY
HOUSING DEVELOPMENT
QUEENS, NY
BLOCK: 9757, LOTS: 18, 20, 22 & 29
ZONE: R7X, C4-5X
PROJECT #1451.00

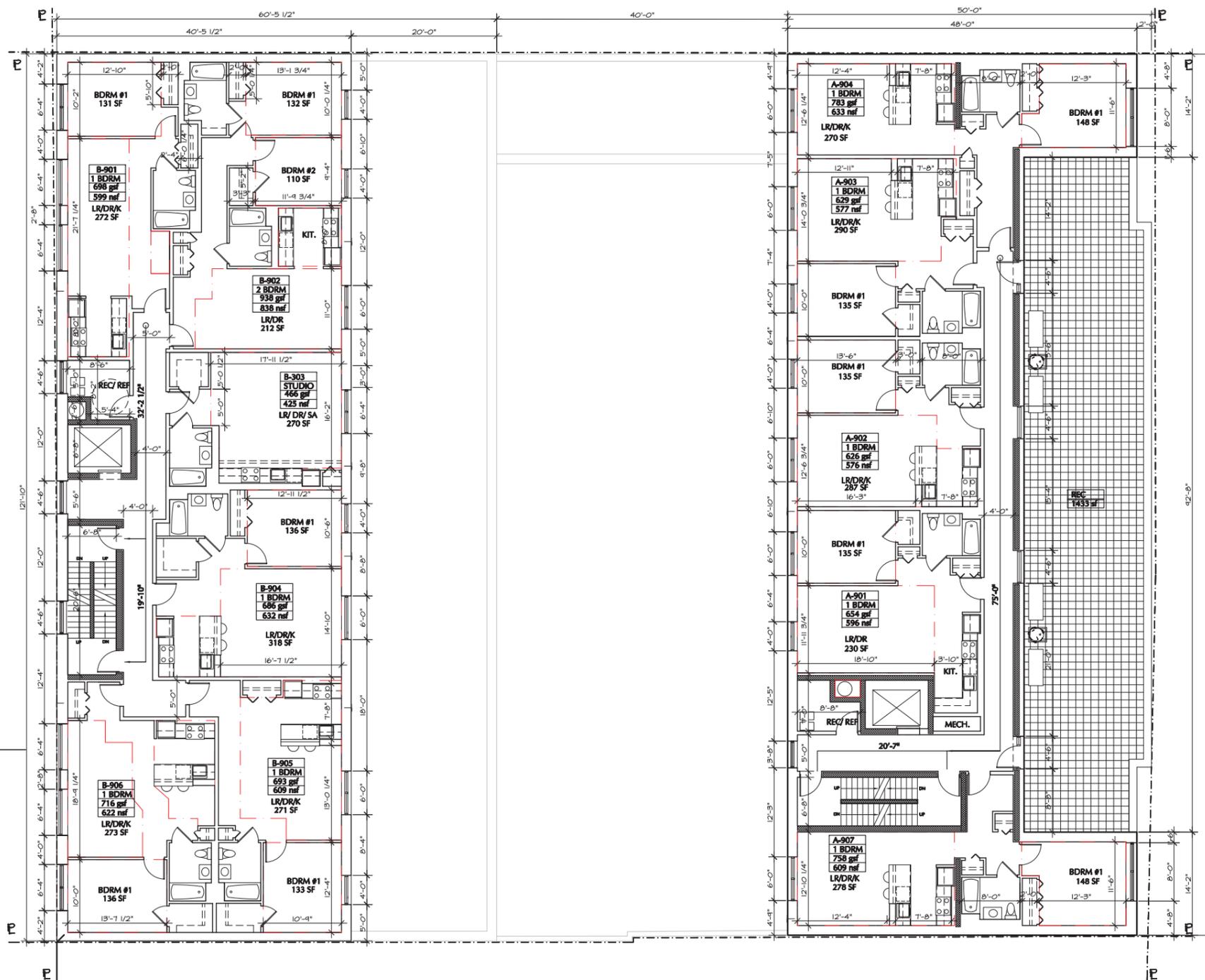
ARCHITECTS:
GF55 PARTNERS, LLP
OWNER:
BLUESTONE JAMAICA I, LLC
SEAL:

ISSUE:
DACE SUBMISSION
DATE:
20 MARCH 2012
REVISION:
08 MARCH 2011
13 JANUARY 2012
20 MARCH 2012

DRAWING:
4TH-8TH FLOOR PLAN
SCALE:
AS NOTED
DRAWN BY:
DRAWING NO.:

A-105.00
OF

NOTE:
BUILDING CONSTRUCTION CLASSIFICATION :
GROUP 1 - NON COMBUSTIBLE
CLASS 1-B NON- COMBUSTIBLE (2HR)
BUILDING MATERIAL (NEW CONSTRUCTION):
FOUNDATION WALL- CONCRETE
INTERIOR FINISH- EXPOSED CONCRETE TYP. @
MECHANICAL ROOM, EGRESS STAIR



A NINTH FLOOR PLAN
1/8"=1'-0"

161ST STREET MIXED-USE INCLUSIONARY
HOUSING DEVELOPMENT
QUEENS, NY
BLOCK: 9757, LOTS: 18, 20, 22 & 29
ZONE: R7X, C4-5X
PROJECT #1451.00

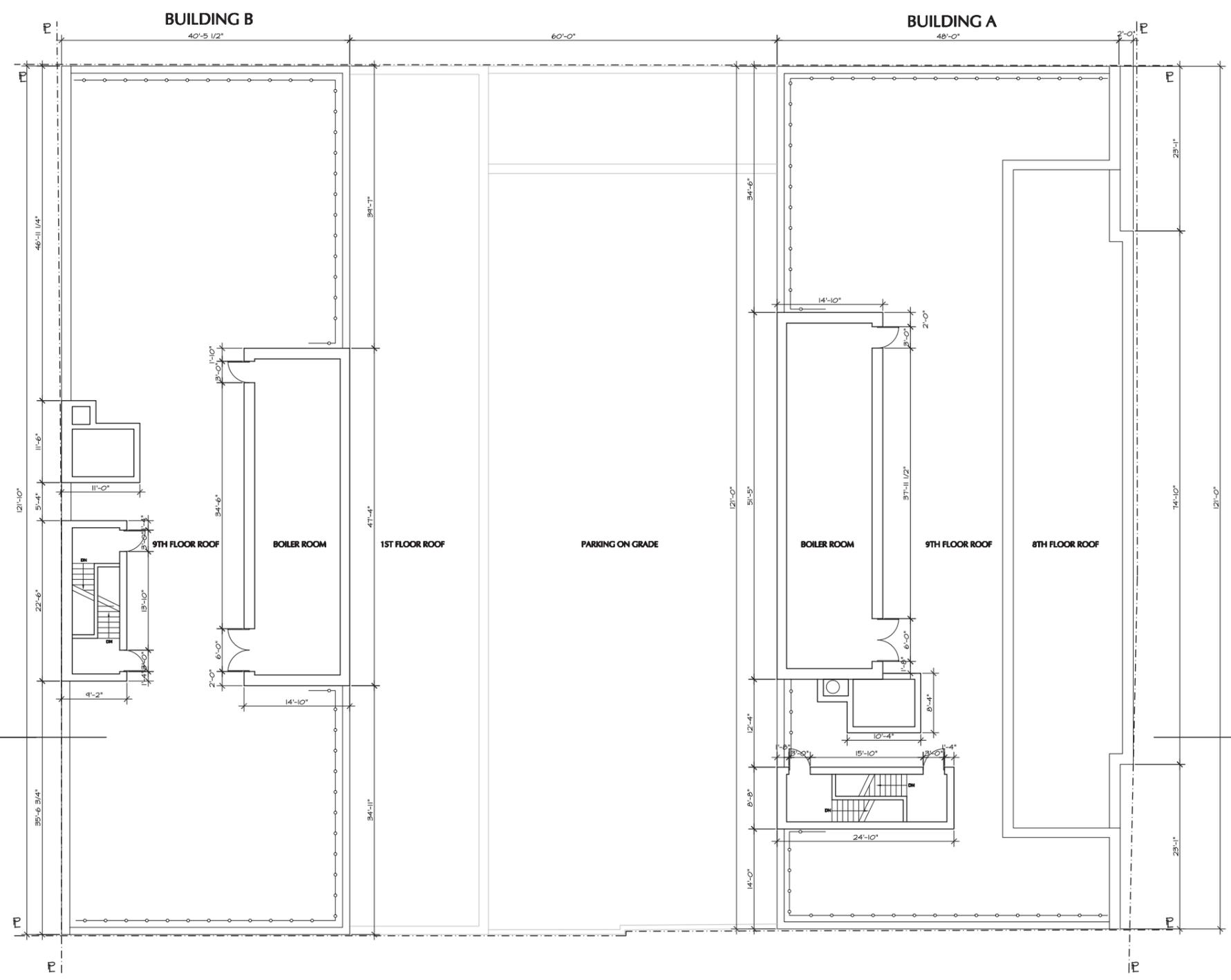
ARCHITECTS:
GF55 PARTNERS, LLP
OWNER:
BLUESTONE JAMAICA I, LLC
SEAL:

ISSUE:
DACE SUBMISSION
DATE:
20 MARCH 2012
REVISION:
08 MARCH 2011
13 JANUARY 2012
20 MARCH 2012

DRAWING:
SCALE:
9TH FLOOR PLAN
DRAWN BY:
AS NOTED
DRAWING NO.:

A-106.00
OF

NOTE:
 BUILDING CONSTRUCTION CLASSIFICATION :
 GROUP 1 - NON COMBUSTIBLE
 CLASS 1-B NON- COMBUSTIBLE (2HR)
 BUILDING MATERIAL (NEW CONSTRUCTION):
 FOUNDATION WALL- CONCRETE
 INTERIOR FINISH- EXPOSED CONCRETE TYP. @
 MECHANICAL ROOM, EGRESS STAIR



A ROOF PLAN
 1/8"=1'-0"

161ST STREET MIXED-USE INCLUSIONARY HOUSING DEVELOPMENT QUEENS, NY
 BLOCK: 9757, LOTS: 18, 20, 22 & 29
 ZONE: R7X, C4-5X
 PROJECT #1451.00

ARCHITECTS:
 GF55 PARTNERS, LLP
 OWNER:
 BLUESTONE JAMAICA I, LLC
 SEAL:

ISSUE:
 DACE SUBMISSION
 DATE:
 20 MARCH 2012
 REVISION:
 08 MARCH 2011
 13 JANUARY 2012
 20 MARCH 2012

DRAWING:
 ROOF PLAN

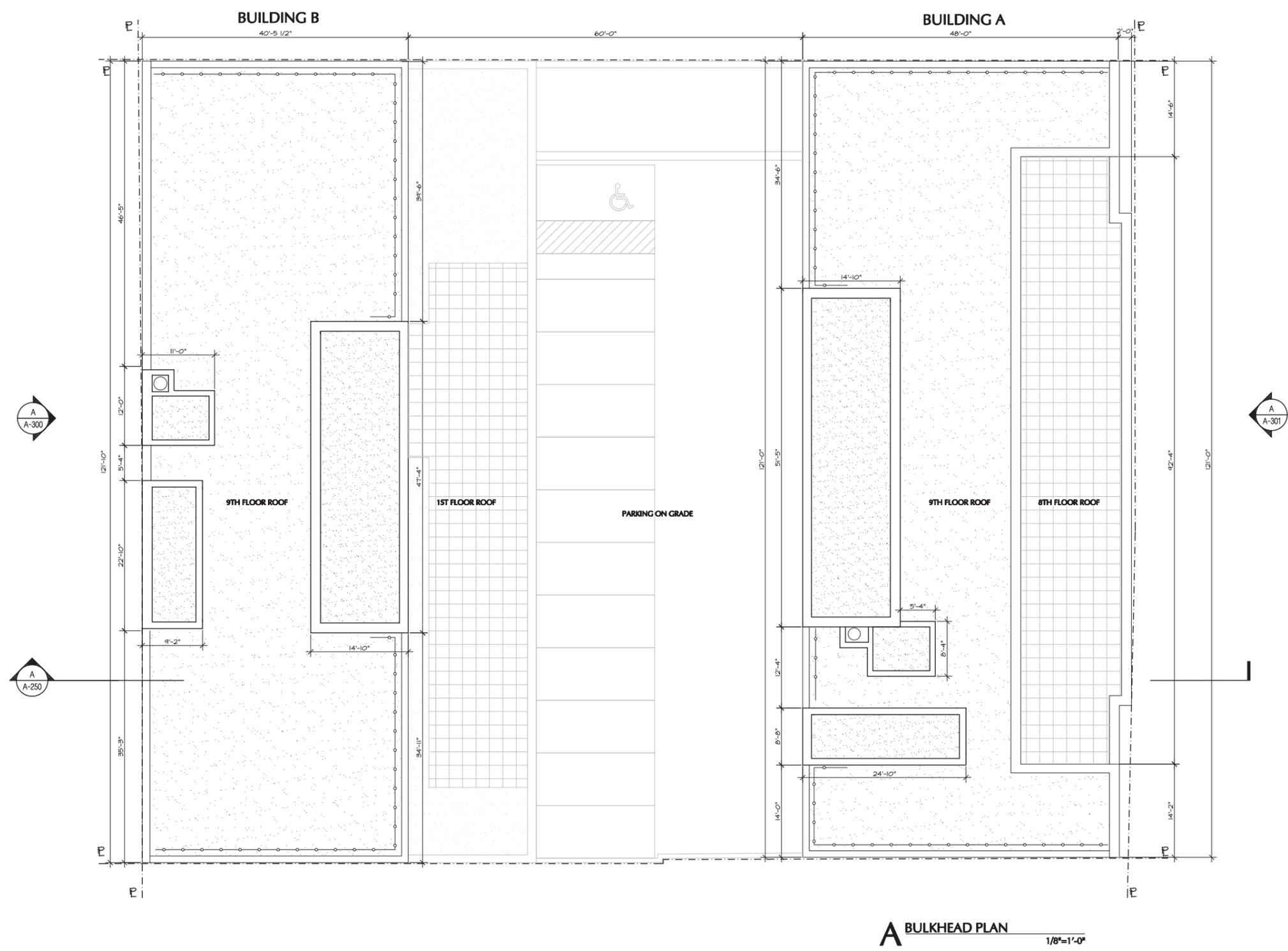
SCALE:
 AS NOTED

DRAWN BY:

DRAWING NO.:

A-107.00
 OF

NOTE:
 BUILDING CONSTRUCTION CLASSIFICATION :
 GROUP 1 - NON COMBUSTIBLE
 CLASS 1-B NON- COMBUSTIBLE (2HR)
 BUILDING MATERIAL (NEW CONSTRUCTION):
 FOUNDATION WALL- CONCRETE
 INTERIOR FINISH- EXPOSED CONCRETE TYP. @
 MECHANICAL ROOM, EGRESS STAIR



A BULKHEAD PLAN
 1/8"=1'-0"

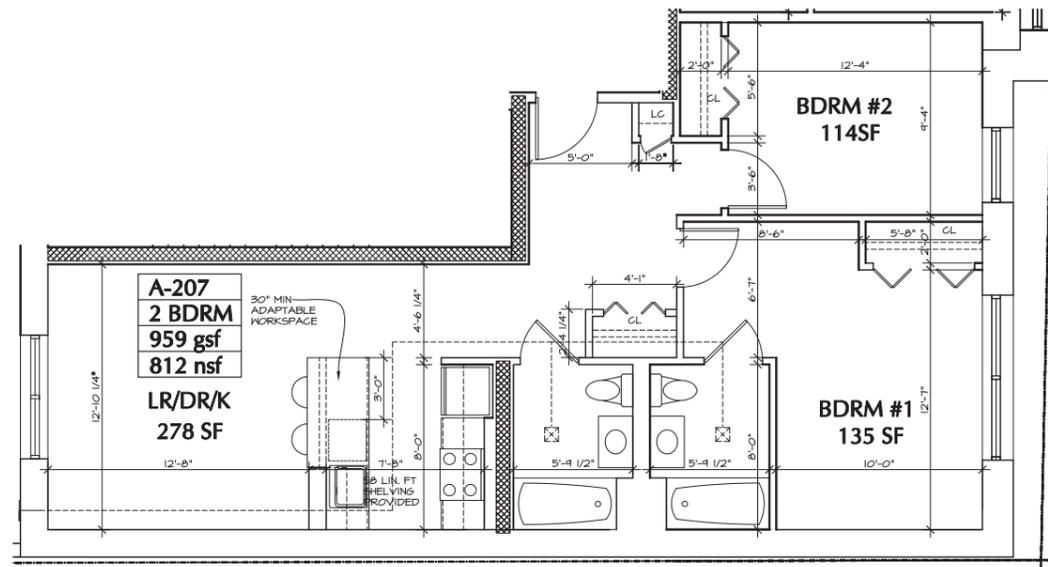
161ST STREET MIXED-USE INCLUSIONARY HOUSING DEVELOPMENT
 QUEENS, NY
 BLOCK: 9757, LOTS: 18, 20, 22 & 29
 ZONE: R7X, C4-5X
 PROJECT #1451.00

ARCHITECTS:
 GF55 PARTNERS, LLP
 OWNER:
 BLUESTONE JAMAICA I, LLC
 SEAL:

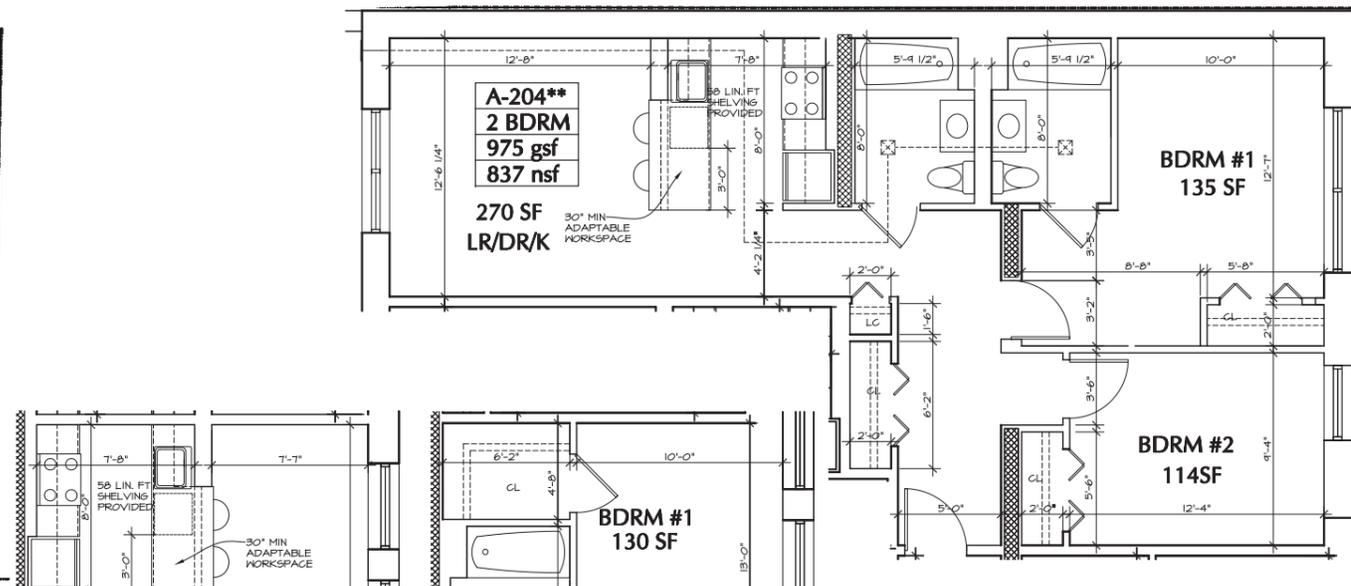
ISSUE:
 DACE SUBMISSION
 DATE:
 20 MARCH 2012
 REVISION:
 08 MARCH 2011
 13 JANUARY 2012
 20 MARCH 2012

DRAWING:
 BULKHEAD PLAN
 SCALE:
 AS NOTED
 DRAWN BY:
 DRAWING NO.:

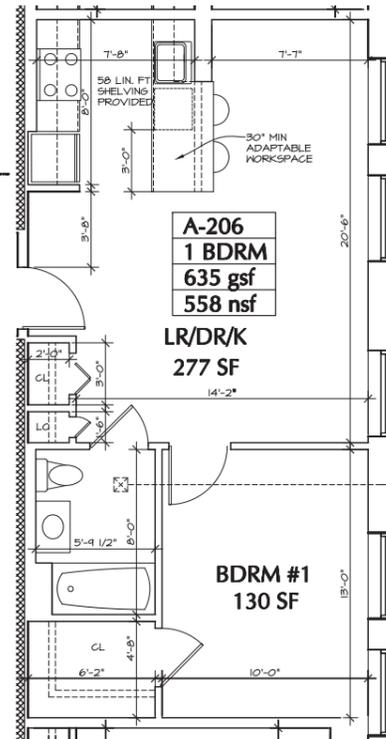
A-108.00
 OF



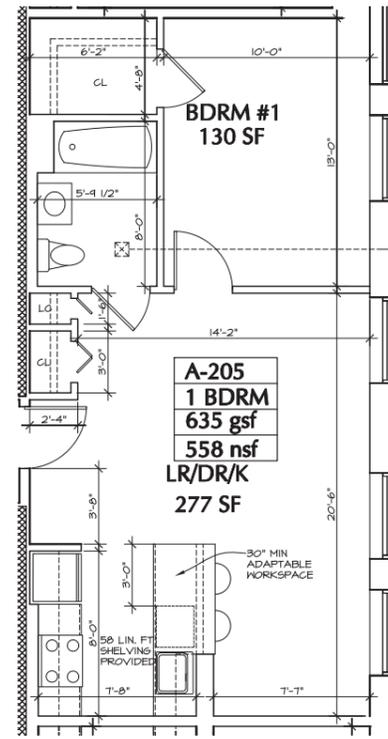
G 2 BEDROOM UNIT (A-207 - A-807)
952 G.S.F. 812 N.S.F. 1/4" = 1'-0"



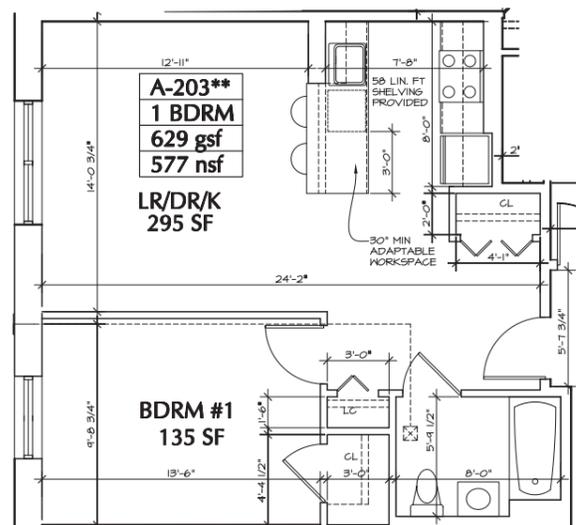
D 2 BEDROOM UNIT (A-204 - A-804)
975 G.S.F. 837 N.S.F. 1/4" = 1'-0"



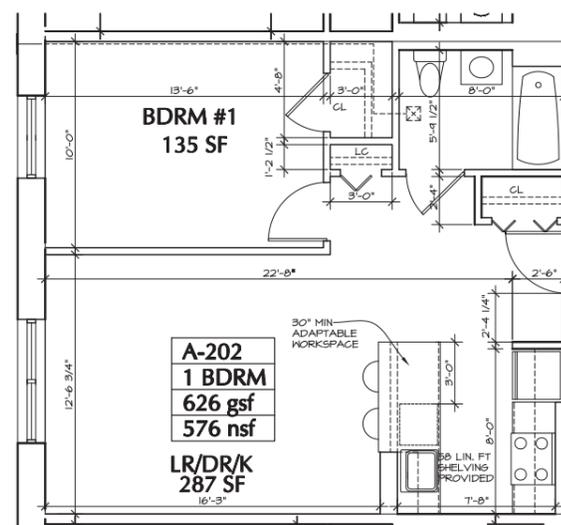
F 1 BEDROOM UNIT (A-206 - A-806)
621 G.S.F. 558 N.S.F. 1/4" = 1'-0"



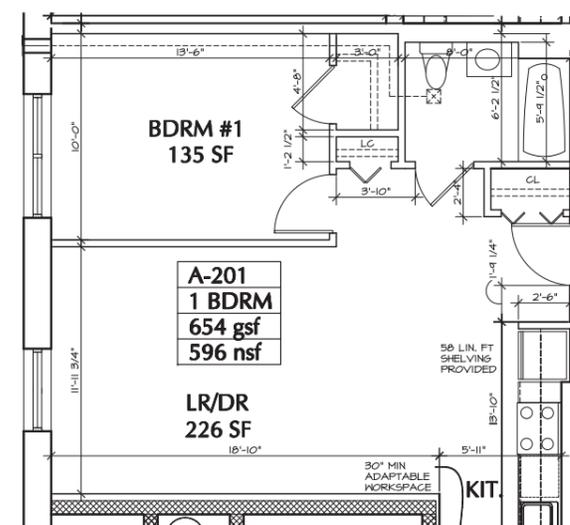
E 1 BEDROOM UNIT (A-205 - A-805)
621 G.S.F. 558 N.S.F. 1/4" = 1'-0"



C 1 BEDROOM UNIT (A-203 - A-903)
608 G.S.F. 555 N.S.F. 1/4" = 1'-0"



B 1 BEDROOM UNIT (A-202 - A-902)
630 G.S.F. 580 N.S.F. 1/4" = 1'-0"



A 1 BEDROOM UNIT (A-201 - A-901)
630 G.S.F. 580 N.S.F. 1/4" = 1'-0"

161ST STREET MIXED-USE INCLUSIONARY
HOUSING DEVELOPMENT
QUEENS, NY
BLOCK: 9757, LOTS: 18, 20, 22 & 29
ZONE: R7X, C4-5X
PROJECT #1451.00

ARCHITECTS:
GF55 PARTNERS, LLP
OWNER:
BLUESTONE JAMAICA I, LLC
SEAL:

ISSUE:
DACE SUBMISSION
DATE:
20 MARCH 2012
REVISION:
08 MARCH 2011
13 JANUARY 2012
20 MARCH 2012

DRAWING:
SCALE:
BUILDING A
ENLARGED UNIT PLANS
DRAWN BY:
AS NOTED
DRAWING NO.:

A-109.00
OF

161ST STREET MIXED-USE INCLUSIONARY HOUSING DEVELOPMENT QUEENS, NY

**BLOCK: 9757, LOTS: 18, 20, 22 & 29
ZONE: R7X, C4-5X
PROJECT #1451.00**

ARCHITECTS:

GF55 PARTNERS, LLP

OWNER:

BLUESTONE JAMAICA I, LLC

SEAL:

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20 MARCH 2012

DRAWING:

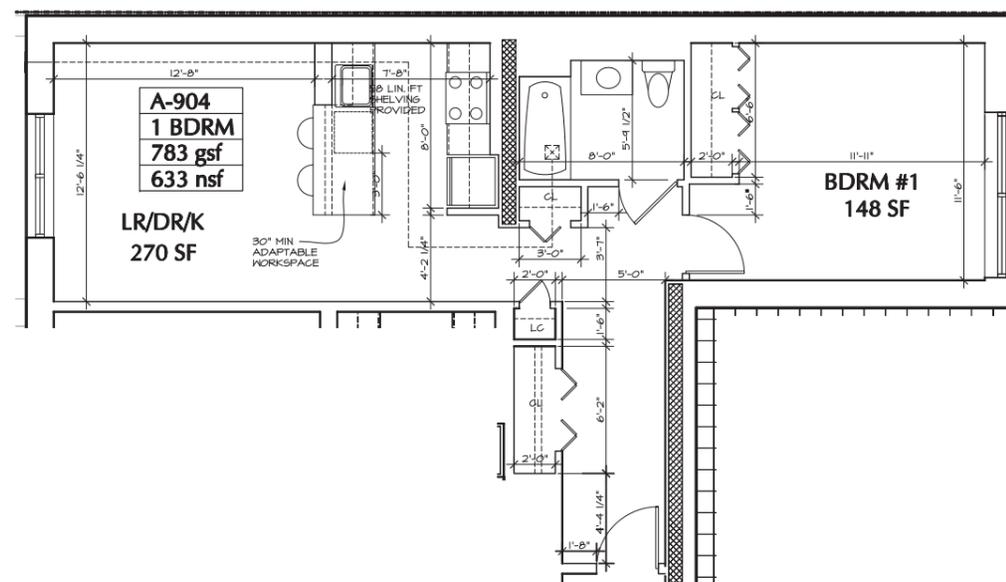
SCALE:
BUILDING A
ENLARGED UNIT PLANS

DRAWN BY:
AS NOTED

DRAWING NO.:

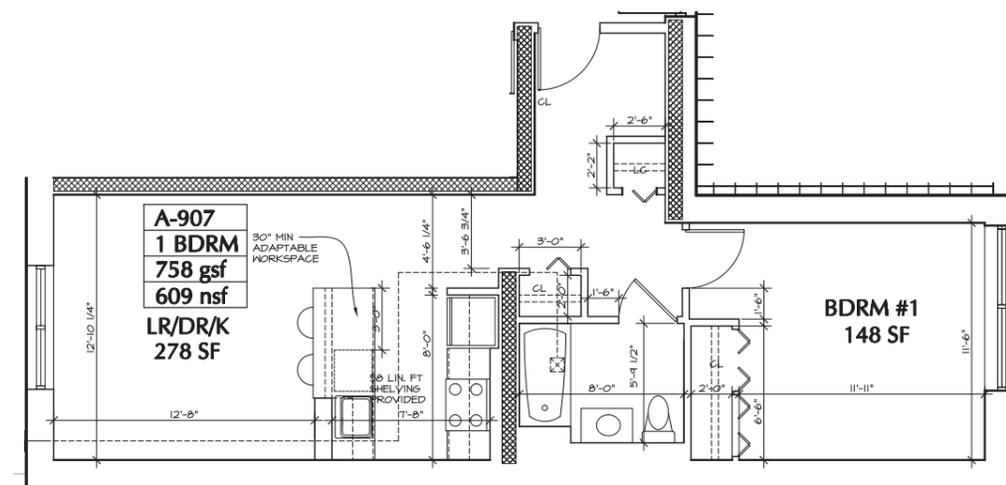
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OF



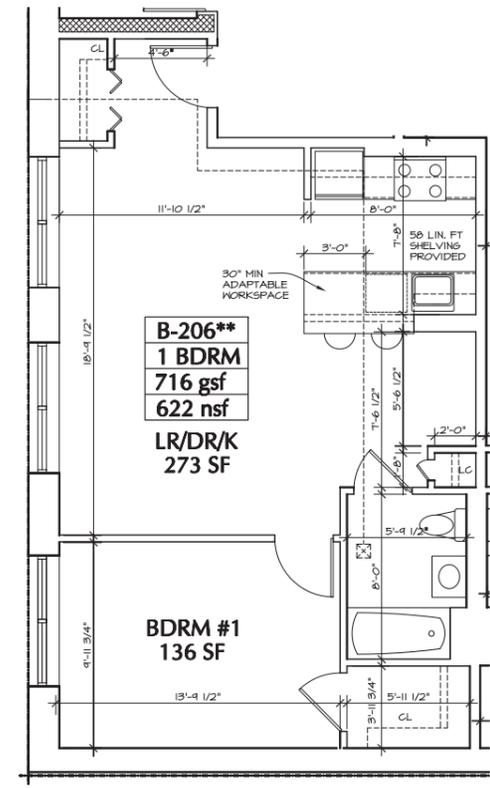
B 1 BEDROOM UNIT (A-904)
796 G.S.F. 646 N.S.F.

1/4" = 1'-0"

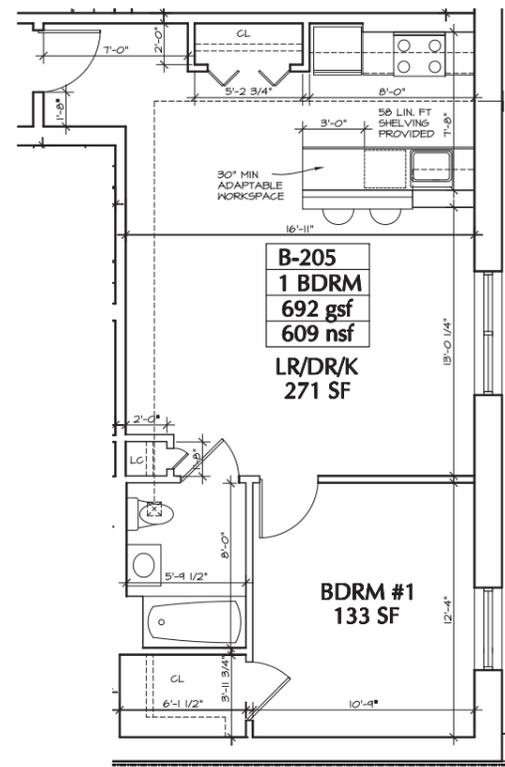


A 1 BEDROOM UNIT (A-907)
762 G.S.F. 618 N.S.F.

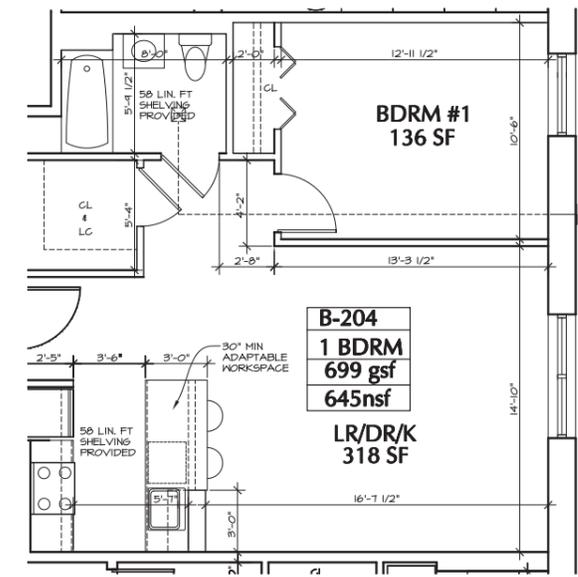
1/4" = 1'-0"



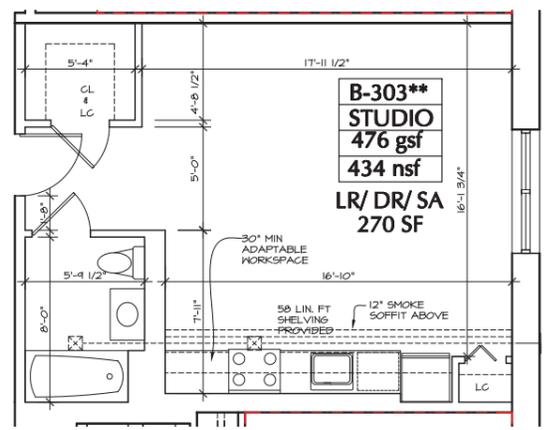
F 1 BEDROOM UNIT (B-206 - B-906)
722 G.S.F. 634 N.S.F. 1/4" = 1'-0"



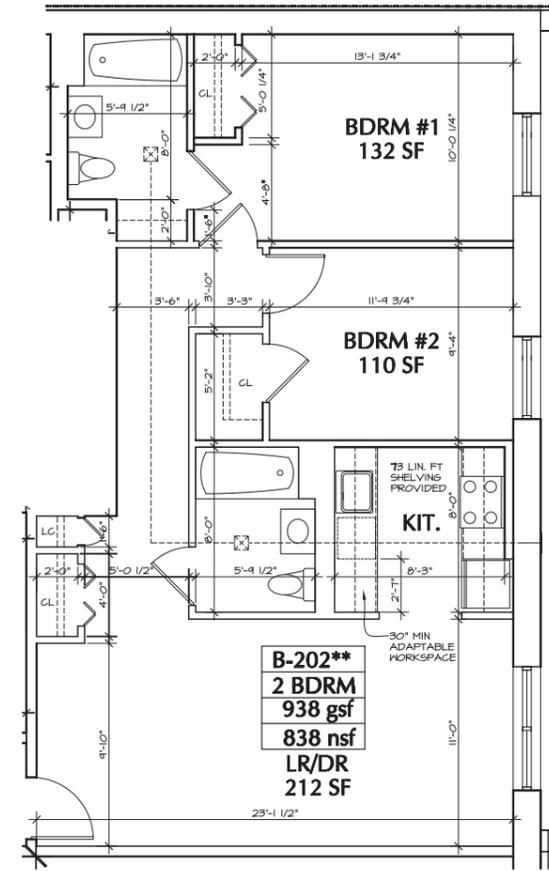
E 1 BEDROOM UNIT (B-205 - B-905)
693 G.S.F. 609 N.S.F. 1/4" = 1'-0"



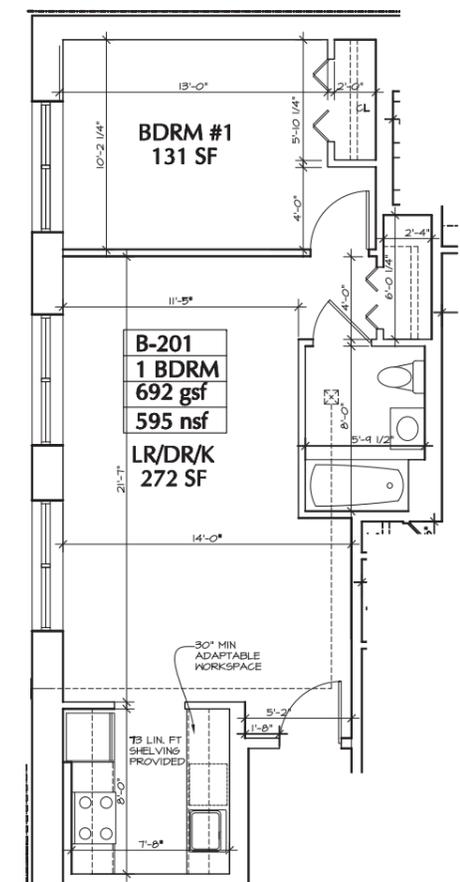
D 1 BEDROOM UNIT (B-204 - B-904)
659 G.S.F. 606 N.S.F. 1/4" = 1'-0"



C STUDIO UNIT (B-303 - B-903)
466 G.S.F. 425 N.S.F. 1/4" = 1'-0"



B 2 BEDROOM UNIT (B-202 - B-902)
938 G.S.F. 838 N.S.F. 1/4" = 1'-0"



A 1 BEDROOM UNIT (B-201 - B-901)
691 G.S.F. 604 N.S.F. 1/4" = 1'-0"

161ST STREET MIXED-USE INCLUSIONARY
HOUSING DEVELOPMENT
QUEENS, NY
BLOCK: 9757, LOTS: 18, 20, 22 & 29
ZONE: R7X, C4-5X
PROJECT #1451.00

ARCHITECTS:
GF55 PARTNERS, LLP
OWNER:
BLUESTONE JAMAICA I, LLC
SEAL:

ISSUE:
DACE SUBMISSION
DATE:
20 MARCH 2012
REVISION:
08 MARCH 2011
13 JANUARY 2012
20 MARCH 2012

DRAWING:
BUILDING B
ENLARGED UNIT PLANS
SCALE:

DRAWN BY:
AS NOTED
DRAWING NO.:

161ST STREET MIXED-USE INCLUSIONARY HOUSING DEVELOPMENT QUEENS, NY

**BLOCK: 9757, LOTS: 18, 20, 22 & 29
ZONE: R7X, C4-5X
PROJECT #1451.00**

ARCHITECTS:

GF55 PARTNERS, LLP

OWNER:

BLUESTONE JAMAICA I, LLC

SEAL:

ISSUE:
DACE SUBMISSION

DATE:
20 MARCH 2012

REVISION:
08 MARCH 2011
13 JANUARY 2012
20 MARCH 2012

DRAWING:
BUILDING SECTION

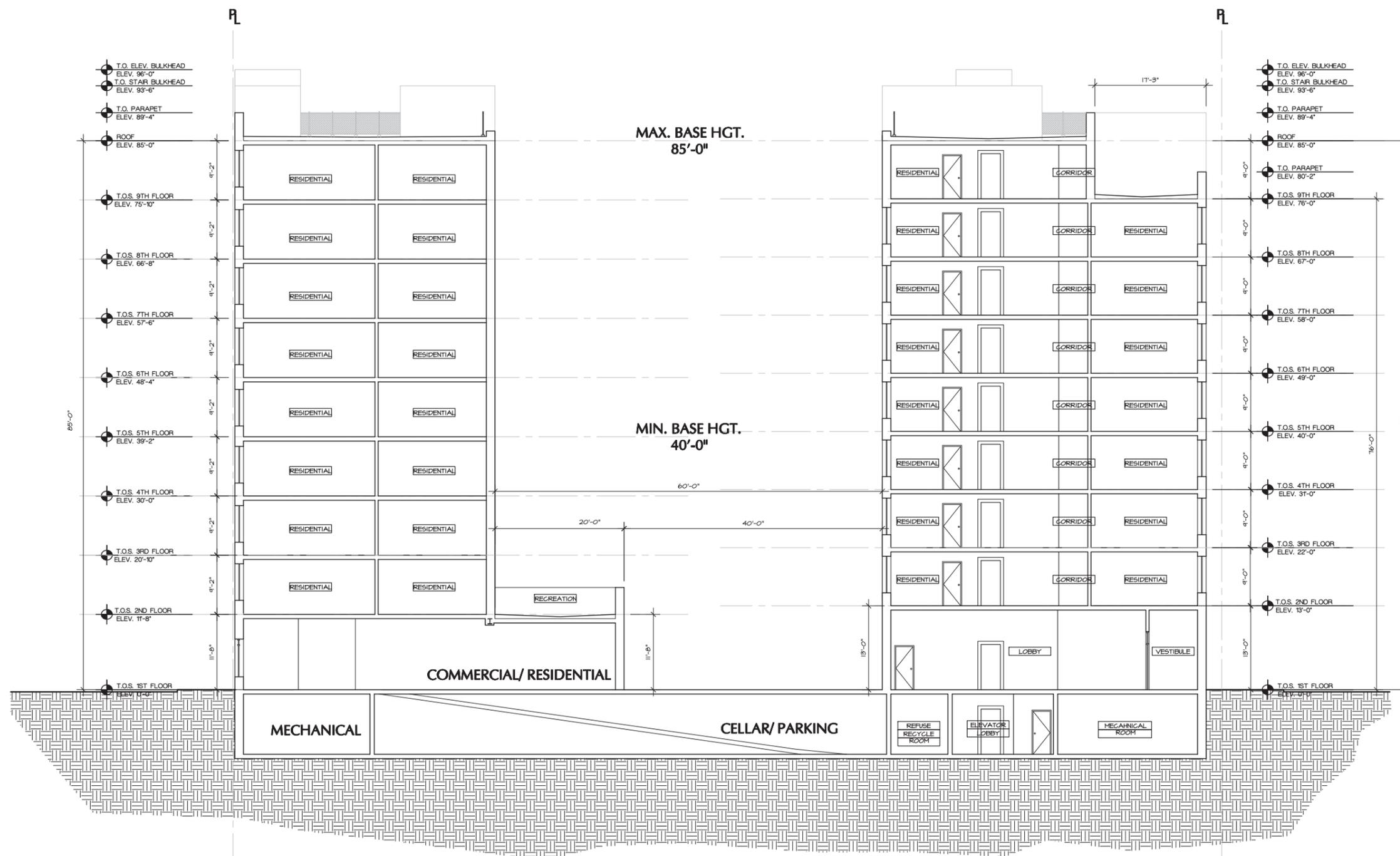
SCALE:
AS NOTED

DRAWN BY:

DRAWING NO.:

A-201.00

OF



A BUILDING SECTION
1/8"=1'-0"

161ST STREET MIXED-USE
INCLUSIONARY HOUSING
DEVELOPMENT
QUEENS, NY

BLOCK: 9757, LOTS: 18, 20, 22 & 29
PROJECT #1451.00

DEVELOPER
BLUESTONE JAMAICA I, LLC

STRUCTURAL ENGINEER
MURRAY ENGINEERING, PC

MECHANICAL ENGINEER
RODKIN CARDINALE CONSULTING ENGINEERS

OWNER
BLUESTONE JAMAICA I, LLC

ISSUE
DOB - 3.9.2012

SCALE
1/8"=1'-0"

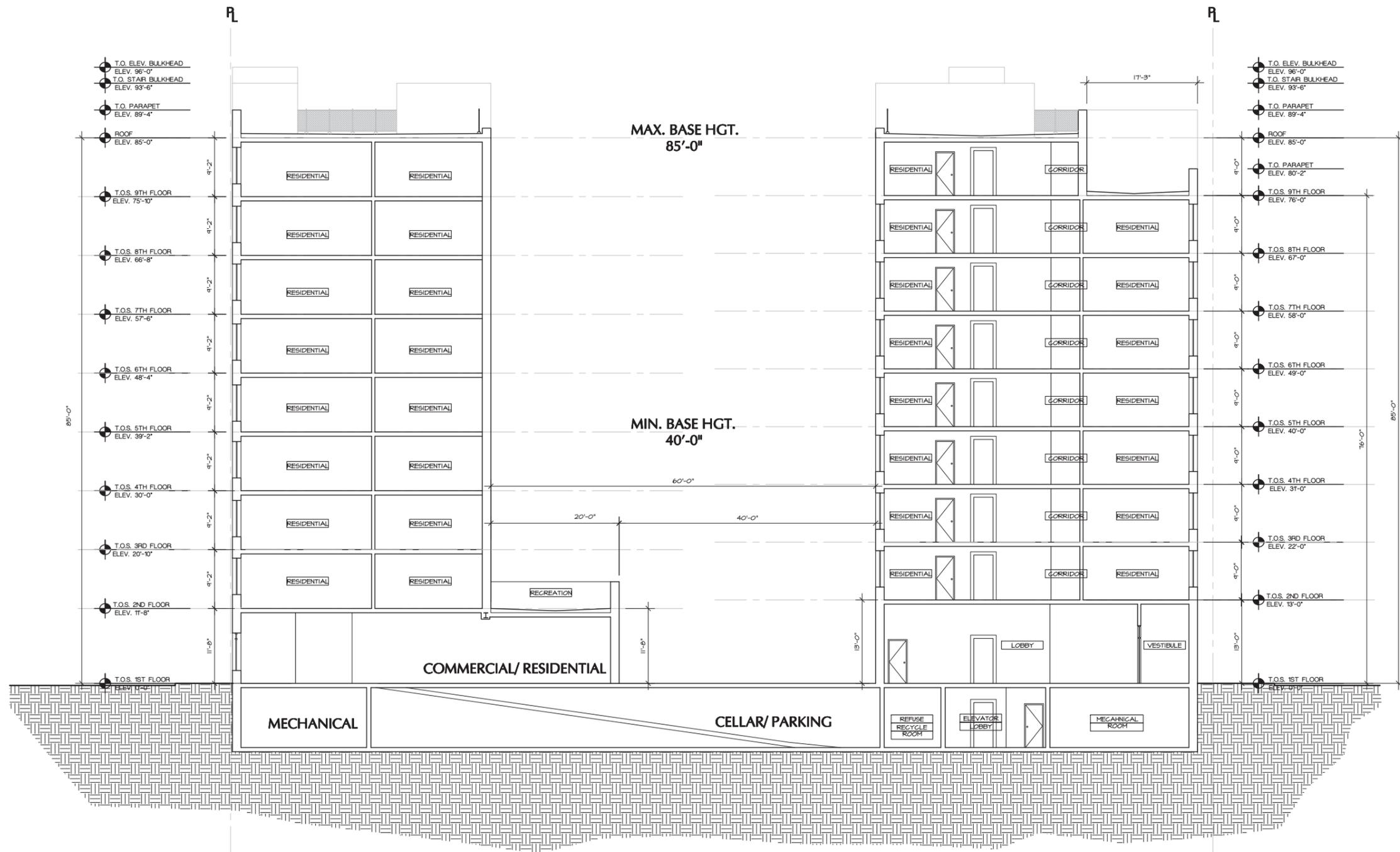
DOB

DRAWING
BUILDING SECTION

SEAL AND SIGNATURE



DATE: _____
PROJECT NO: _____
DRAWING BY: _____
CHK BY: _____
DWG NO: _____
A-201.00
CADD FILE NO: _____ 18 OF 22



A BUILDING SECTION
1/8"=1'-0"
0 5 10 20 30 FT

161ST STREET MIXED-USE INCLUSIONARY HOUSING DEVELOPMENT QUEENS, NY
BLOCK: 9757, LOTS: 18, 20, 22 & 29
ZONE: R7X, C4-5X
PROJECT #1451.00

ARCHITECTS:
GF55 PARTNERS, LLP

OWNER:
BLUESTONE JAMAICA I, LLC

SEAL:

ISSUE:
DACE SUBMISSION

DATE:
20 MARCH 2012

REVISION:
08 MARCH 2011
13 JANUARY 2012
20 MARCH 2012

DRAWING:
160TH STREET ELEVATION

SCALE:
AS NOTED

DRAWN BY:

DRAWING NO.:

A-300.00

OF



A 160TH STREET ELEVATION
1/8"=1'-0"

161ST STREET MIXED-USE INCLUSIONARY HOUSING DEVELOPMENT QUEENS, NY
BLOCK: 9757, LOTS: 18, 20, 22 & 29
ZONE: R7X, C4-5X
PROJECT #1451.00

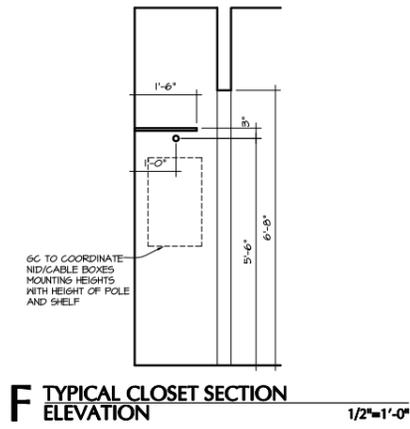
ARCHITECTS:
 GF55 PARTNERS, LLP
OWNER:
 BLUESTONE JAMAICA I, LLC
SEAL:

ISSUE:
 DACE SUBMISSION
DATE:
 20 MARCH 2012
REVISION:
 08 MARCH 2011
 13 JANUARY 2012
 20 MARCH 2012

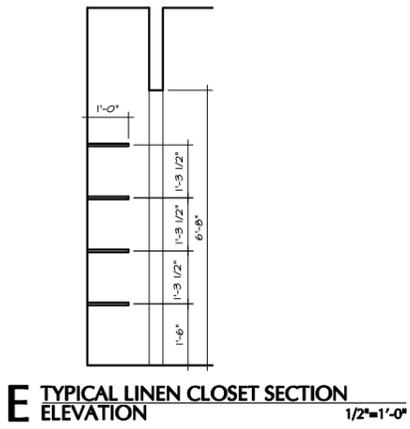
DRAWING:
 161ST STREET ELEVATION
SCALE:
 AS NOTED
DRAWN BY:
DRAWING NO.:



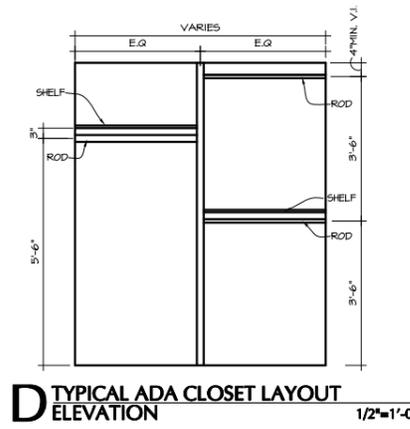
A 161ST STREET ELEVATION
 1/8"=1'-0"



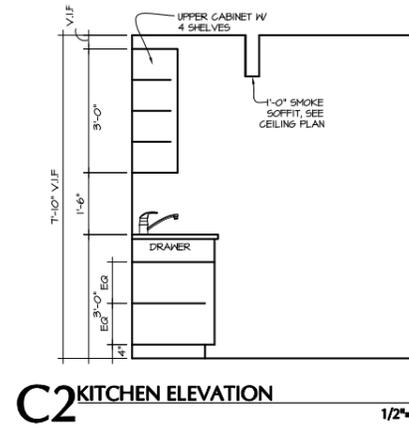
F TYPICAL CLOSET SECTION ELEVATION 1/2"=1'-0"



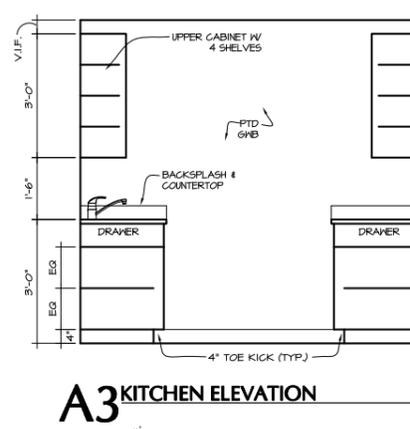
E TYPICAL LINEN CLOSET SECTION ELEVATION 1/2"=1'-0"



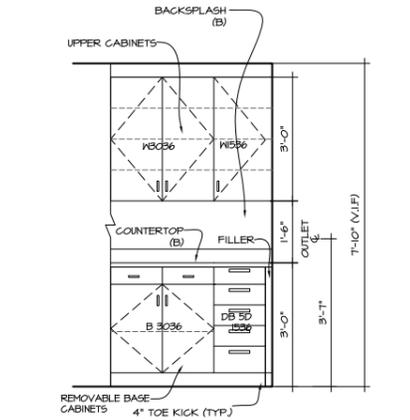
D TYPICAL ADA CLOSET LAYOUT ELEVATION 1/2"=1'-0"



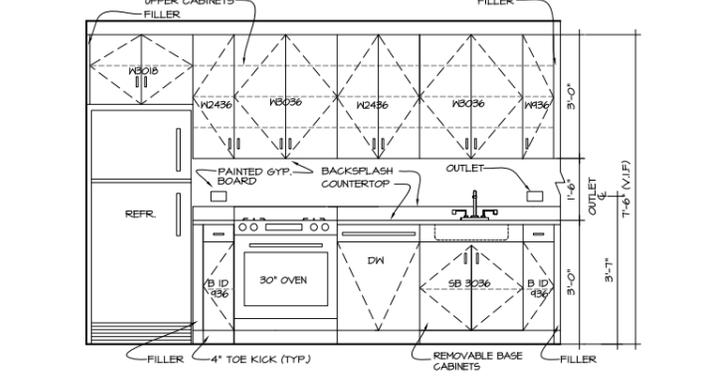
C2 KITCHEN ELEVATION 1/2"=1'-0"



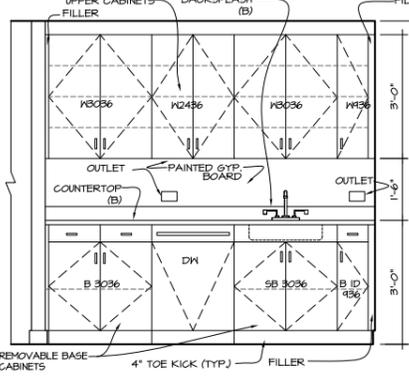
A3 KITCHEN ELEVATION 1/2"=1'-0"



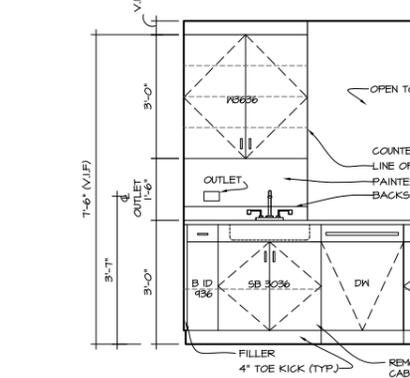
D1 KITCHEN ELEVATION 1/2"=1'-0"



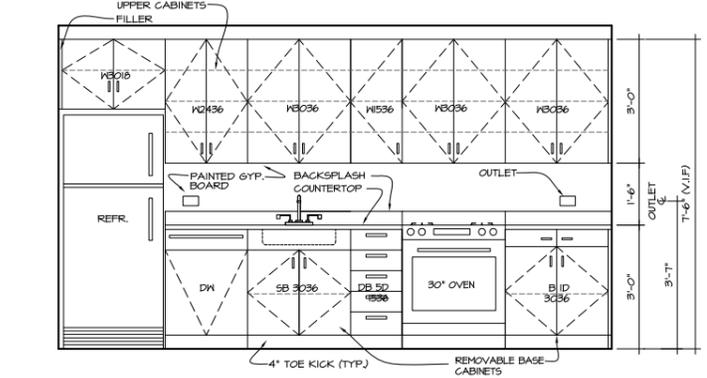
D2 KITCHEN ELEVATION 1/2"=1'-0"



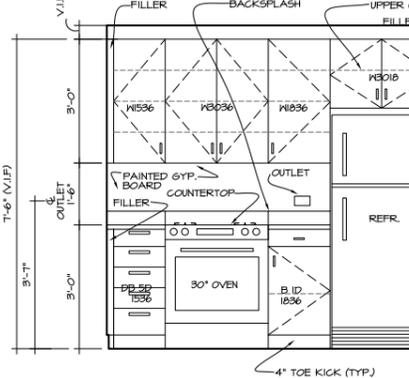
B2 KITCHEN ELEVATION 1/2"=1'-0"



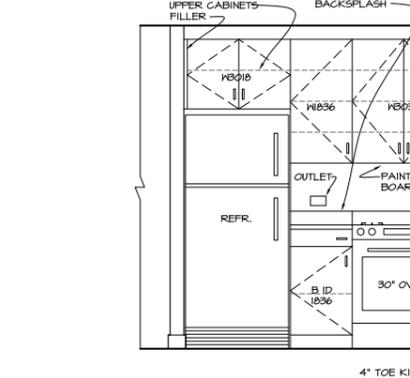
A2 KITCHEN ELEVATION 1/2"=1'-0"



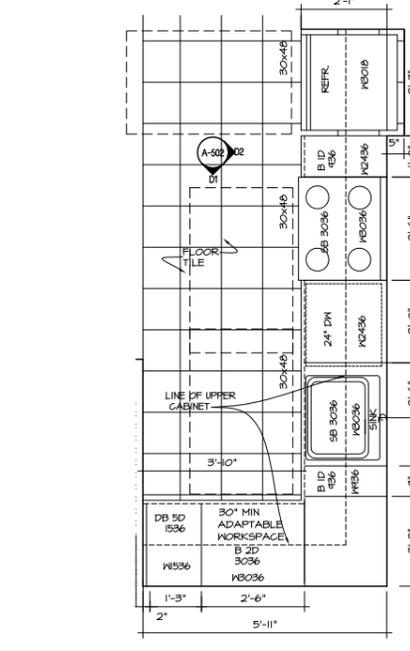
C1 KITCHEN ELEVATION 1/2"=1'-0"



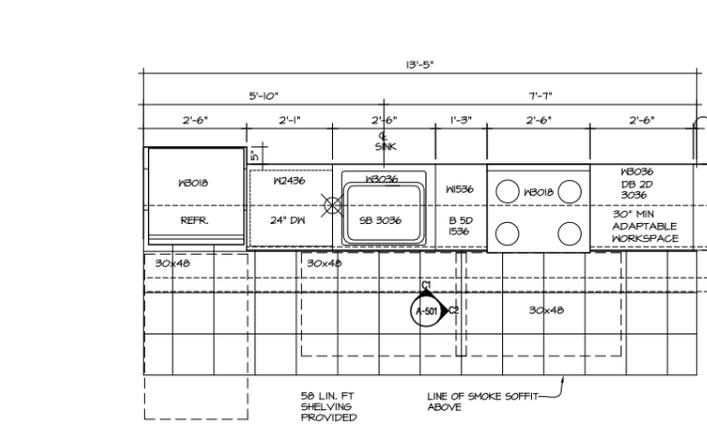
B1 KITCHEN ELEVATION 1/2"=1'-0"



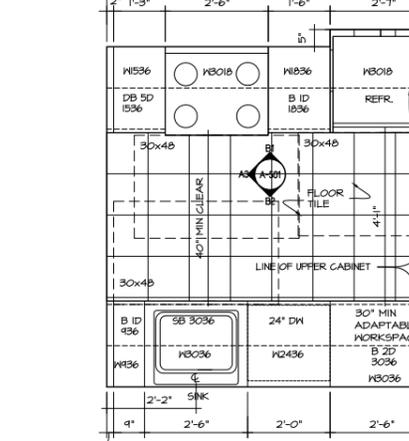
A1 KITCHEN ELEVATION 1/2"=1'-0"



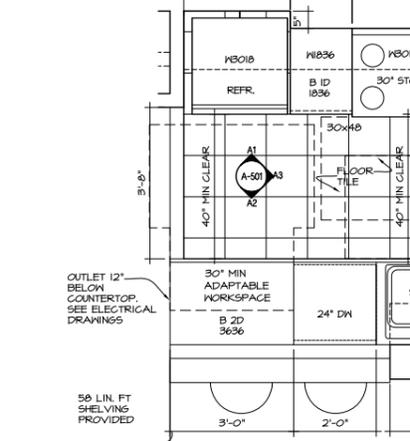
D KITCHEN TYPE "D" DETAILED PLAN 1/2"=1'-0"



C KITCHEN TYPE "C" DETAILED PLAN 1/2"=1'-0"



B KITCHEN TYPE "B" DETAILED PLAN 1/2"=1'-0"



A KITCHEN TYPE "A" DETAILED PLAN 1/2"=1'-0"

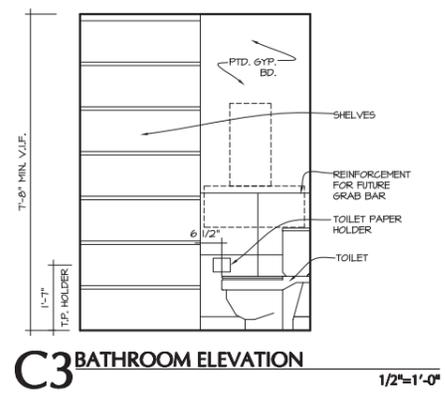
161ST STREET MIXED-USE INCLUSIONARY HOUSING DEVELOPMENT QUEENS, NY
BLOCK: 9757, LOTS: 18, 20, 22 & 29
ZONE: R7X, C4-5X
PROJECT #1451.00

ARCHITECTS:
GF55 PARTNERS, LLP
OWNER:
BLUESTONE JAMAICA I, LLC
SEAL:

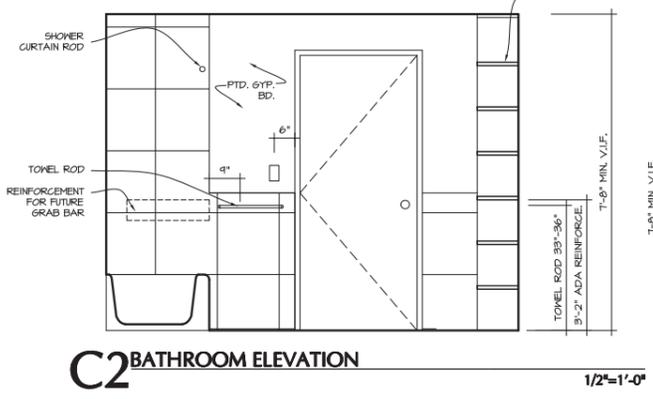
ISSUE:
DACE SUBMISSION
DATE:
20 MARCH 2012
REVISION:
08 MARCH 2011
13 JANUARY 2012
20 MARCH 2012

DRAWING:
KITCHEN PLAN AND ELEVATION DETAILS
SCALE:
AS NOTED

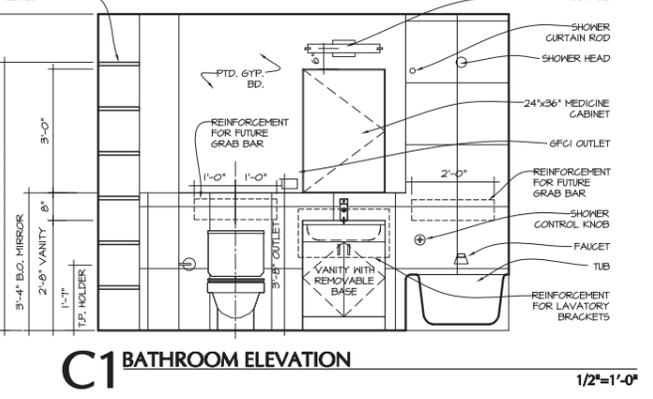
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DRAWING NO.:



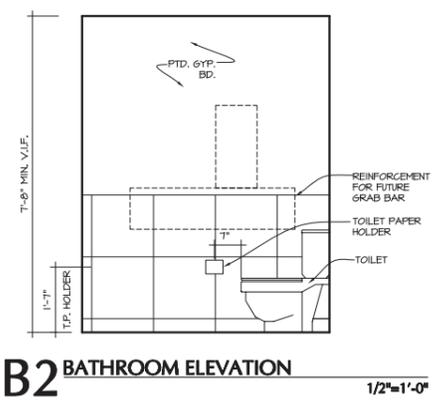
C3 BATHROOM ELEVATION
1/2"=1'-0"



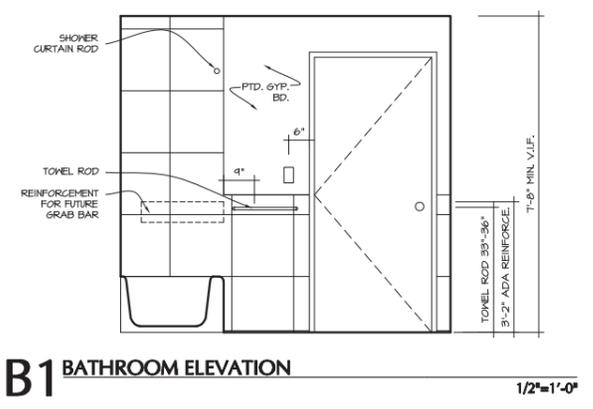
C2 BATHROOM ELEVATION
1/2"=1'-0"



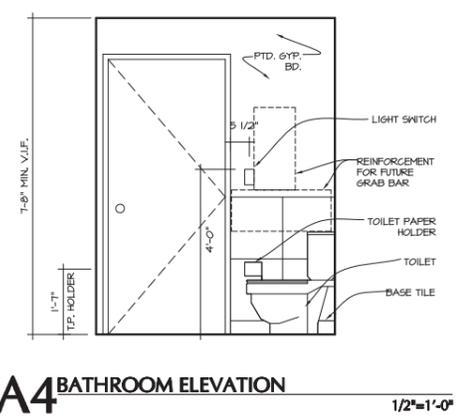
C1 BATHROOM ELEVATION
1/2"=1'-0"



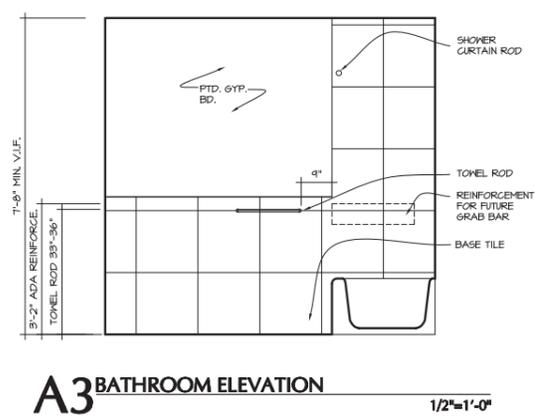
B2 BATHROOM ELEVATION
1/2"=1'-0"



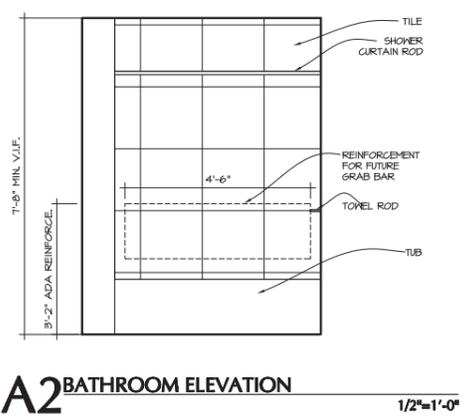
B1 BATHROOM ELEVATION
1/2"=1'-0"



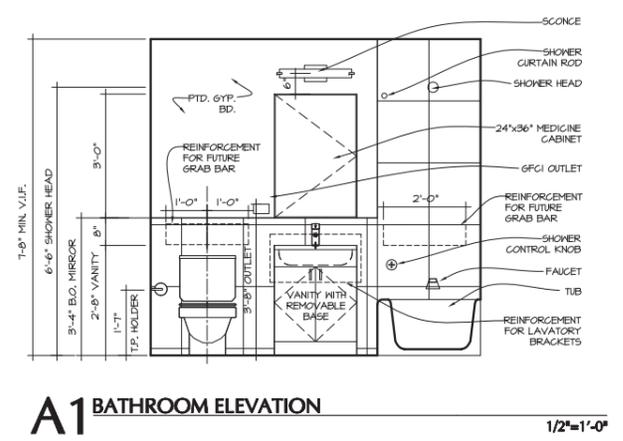
A4 BATHROOM ELEVATION
1/2"=1'-0"



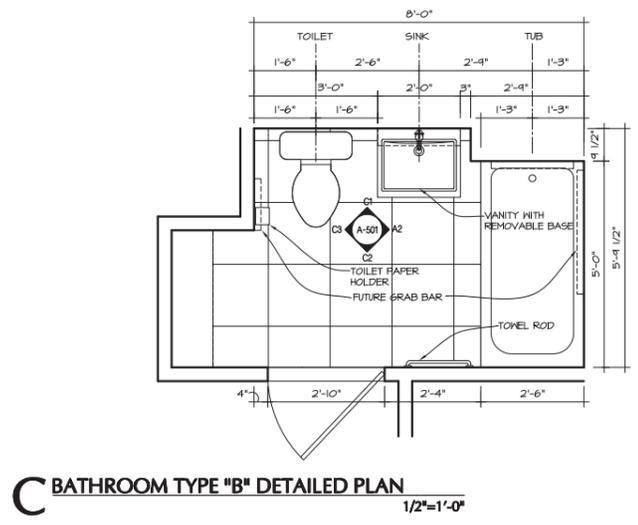
A3 BATHROOM ELEVATION
1/2"=1'-0"



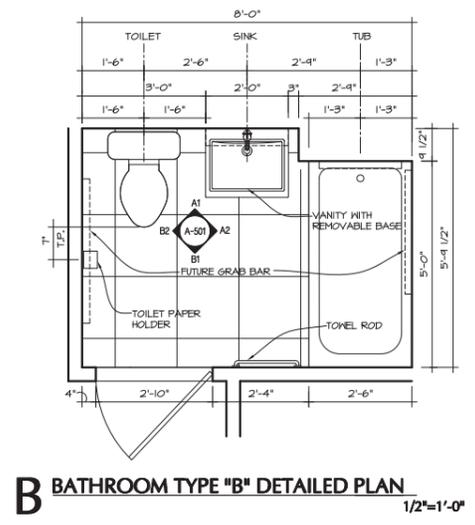
A2 BATHROOM ELEVATION
1/2"=1'-0"



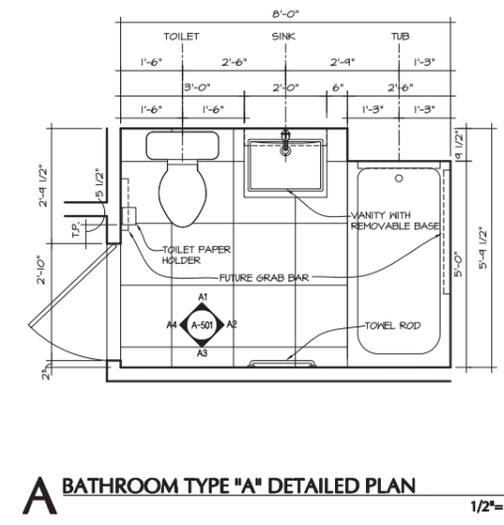
A1 BATHROOM ELEVATION
1/2"=1'-0"



C BATHROOM TYPE "B" DETAILED PLAN
1/2"=1'-0"



B BATHROOM TYPE "B" DETAILED PLAN
1/2"=1'-0"

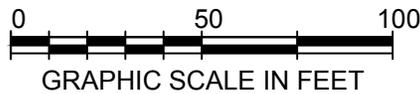


A BATHROOM TYPE "A" DETAILED PLAN
1/2"=1'-0"



Legend

- Soil Boring Sampling Location
- ⊕ Groundwater Sampling Location
- ▽ Soil Vapor Sampling Location



TITLE Location of Soil Borings, Groundwater Wells, & Soil Vapor Samples 90-11 to 90-14 161st Street Queens, NY 11432			
PREPARED FOR Bluestone Jamaica I, LLC.			
Environmental Resources Management			FIGURE <div style="font-size: 2em; text-align: center;">4</div>
DRAWN BY EME	SCALE GRAPHIC	DATE 07/26/12	

Source: Google Earth Maps

SB-05					
Constituent	Units	6NYCRR Part 375 Restricted SCO Rstrct Resident	6NYCRR PART 375 Unrestricted SCO	2' Depth 06/09/08	40' Depth 06/09/08
Benzo(a)anthracene	(ug/kg)	1000	1000	[5231.6]	<174.3 U
Benzo(a)pyrene	(ug/kg)	1000	1000	[61480]	<174.3 U
Benzo(b)fluoranthene	(ug/kg)	1000	1000	[40600]	<174.3 U
Benzo(k)fluoranthene	(ug/kg)	3900	800	[62640]	<174.3 U
Chrysene	(ug/kg)	3900	1000	[5568]	<174.3 U
Copper	(mg/kg)	270	50	[79]	6.2
Indeno(1,2,3-cd)pyrene	(ug/kg)	500	500	[33640]	<174.3 U
Lead	(mg/kg)	400	63	[380]	1.7
Mercury	(mg/kg)	0.81	0.18	[0.39]	<0.0052 U
Zinc	(mg/kg)	10000	109	[230]	15

SB-06					
Constituent	Units	6NYCRR Part 375 Restricted SCO Rstrct Resident	6NYCRR PART 375 Unrestricted SCO	2' Depth 06/09/08	40' Depth 06/09/08
Lead	(mg/kg)	400	63	[170]	2.1
Mercury	(mg/kg)	0.81	0.18	[0.30]	<0.0052 U

SB-03					
Constituent	Units	6NYCRR Part 375 Restricted SCO Rstrct Resident	6NYCRR PART 375 Unrestricted SCO	2' Depth 06/09/08	40' Depth 06/09/08
Lead	(mg/kg)	400	63	[380]	1.0 U
Mercury	(mg/kg)	0.81	0.18	[0.26]	<0.0052 U

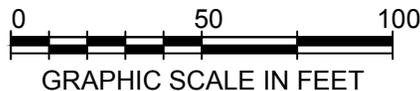
SB-04					
Constituent	Units	6NYCRR Part 375 Restricted SCO Rstrct Resident	6NYCRR PART 375 Unrestricted SCO	2' Depth 06/09/08	40' Depth 06/10/08
Lead	(mg/kg)	400	63	[130]	1.5

SB-02					
Constituent	Units	6NYCRR Part 375 Restricted SCO Rstrct Resident	6NYCRR PART 375 Unrestricted SCO	2' Depth 06/09/08	41' Depth 06/10/08
Lead	(mg/kg)	400	63	[360]	1.7
Zinc	(mg/kg)	10000	109	[130]	10

SB-01					
Constituent	Units	6NYCRR Part 375 Restricted SCO Rstrct Resident	6NYCRR PART 375 Unrestricted SCO	2' Depth 06/09/08	40' Depth 06/10/08
Lead	(mg/kg)	400	63	[460]	0.98
Mercury	(mg/kg)	0.81	0.18	[0.84]	<0.0052 U
Zinc	(mg/kg)	10000	109	[180]	10

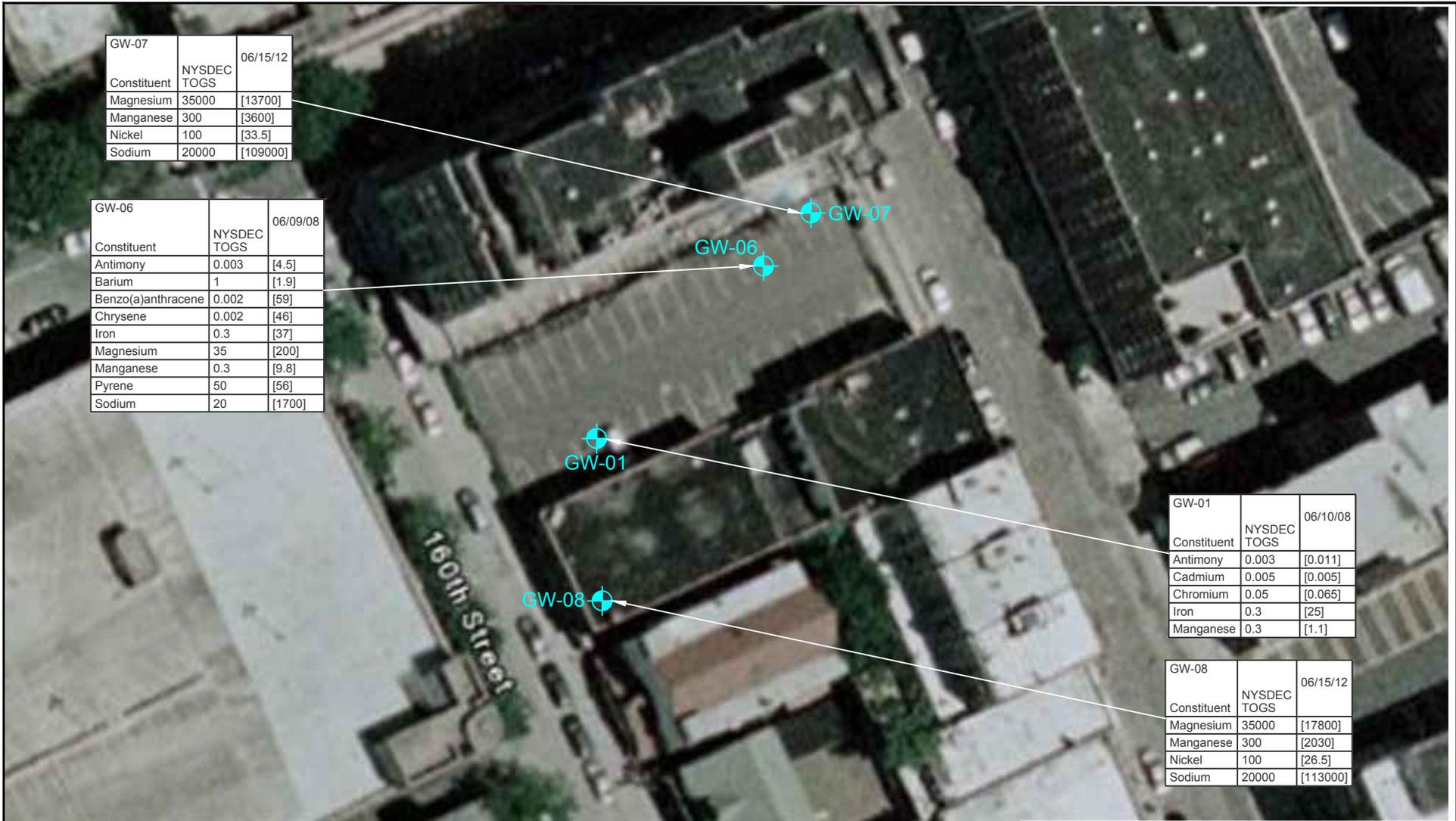
Legend

- Soil Boring Sampling Location
- U Undetected



TITLE			
Soil Exceedances 90-11 to 90-14 161st Street Queens, NY 11432			
PREPARED FOR			
Bluestone Jamaica I, LLC.			
Environmental Resources Management			FIGURE
			5
DRAWN BY	SCALE	DATE	JOB NO.
EMF	GRAPHIC	07/26/12	0140174

Source: Google Earth Maps



GW-07	NYSDEC TOGS	06/15/12
Constituent		
Magnesium	35000	[13700]
Manganese	300	[3600]
Nickel	100	[33.5]
Sodium	20000	[109000]

GW-06	NYSDEC TOGS	06/09/08
Constituent		
Antimony	0.003	[4.5]
Barium	1	[1.9]
Benzo(a)anthracene	0.002	[59]
Chrysene	0.002	[46]
Iron	0.3	[37]
Magnesium	35	[200]
Manganese	0.3	[9.8]
Pyrene	50	[56]
Sodium	20	[1700]

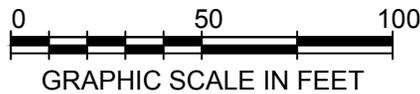
GW-01	NYSDEC TOGS	06/10/08
Constituent		
Antimony	0.003	[0.011]
Cadmium	0.005	[0.005]
Chromium	0.05	[0.065]
Iron	0.3	[25]
Manganese	0.3	[1.1]

GW-08	NYSDEC TOGS	06/15/12
Constituent		
Magnesium	35000	[17800]
Manganese	300	[2030]
Nickel	100	[26.5]
Sodium	20000	[113000]

Legend

 Groundwater Sampling Location

All Concentrations in mg/l



TITLE			
Groundwater Exceedances 90-11 to 90-14 161st Street Queens, NY 11432			
PREPARED FOR			
Bluestone Jamaica I, LLC.			
 Environmental Resources Management			FIGURE
			6
DRAWN BY	SCALE	DATE	JOB NO.
EMF	GRAPHIC	07/26/12	0140174

Source: Google Earth Maps



Legend

▽ Soil Vapor Sampling Location



GRAPHIC SCALE IN FEET



TITLE				7
Soil Vapor Detections 90-11 to 90-14 161st Street Queens, NY 11432				
PREPARED FOR				FIGURE
Bluestone Jamaica I, LLC.				
 Environmental Resources Management			Environmental Resources Management	
DRAWN BY	SCALE	DATE	JOB NO.	FIGURE
EMF	GRAPHIC	07/26/12	0140174	

Source: Google Earth Maps

TABLES



ERM

520 Broad Hollow Road, Suite 210, Melville, NY 11747

BORING LOG

Boring Number

SB-01

Project Name & Location Bluestone Jamaica I, LLC			Project Number 0085523		Date & Time Started: 6/10/2008	
Drilling Company Laurel Environmental			Foreman Steve Bitetto		Date & Time Completed: 6/10/2008	
Drilling Equipment Geoprobe 76610DT			Method Direct Push		Sampler(s) Sampler Hammer Drop	
Bit Size(s)			Core Barrel(s) 2 - 1/8inch		Elevation & Datum Completion Depth Rock Depth 40'	
					Geologist(s) Karen Pickering	

DEPTH (ft below grade)	SAMPLES			USCS/ MUNSELL COLOR CHART	SOIL DESCRIPTION
	Sample Number	Recovery (feet)	FID/ PID (ppm)		
0	LOCATION:				SURFACE DESCRIPTION:
		H.A.	0.0		Dark Brown silty sands, some gravel, poorly sorted, moist to dry, no odor. Some red brick.
1		H.A.	0.0		Same as above.
2		H.A.	0.0		Silty clay, some sand. Medium well sorted, brown, no odor, moist, soft.
3		H.A.	0.0		Same as above.
4		H.A.	0.0		Same as above.
5		4.0	0.0		M. and F. sand, some C. sand and silt, trace gravel. Moderate sorting, moist, brown, no odor.
6			0.0		Same as above.
7			0.0		Same as above.
8			0.0		Same as above.
9			0.0		Same as above.



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BORING LOG

Boring Number

SB-01

DEPTH (ft below grade)	SAMPLES			USCS/ MUNSELL COLOR CHART	SOIL DESCRIPTION
	Sample Number	Recovery (feet)	FID/ PID (ppm)		
9	LOCATION:				SURFACE DESCRIPTION:
			0.0		Same as above.
10			0.0		Same as above.
		5.0	0.0		Same as above.
11			0.0		Same as above.
			0.0		Same as above.
12			0.0		Same as above.
			0.0		M. and C. sand, some F. sand and gravel, trace silt, moist, brown, no odor, poorly sorted.
13			0.0		Same as above.
			0.0		Same as above.
14			0.0		Same as above.
			0.0		Same as above.
15			0.0		Same as above.
		4.5	0.0		Same as above.
16			0.0		Same as above.
			0.0		Same as above.
17			0.0		Same as above.
			0.0		Same as above.
18			0.0		Same as above.
			0.0		Same as above.
19			0.0		Same as above.



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BORING LOG

Boring Number

SB-01

DEPTH (ft below grade)	SAMPLES			USCS/ MUNSELL COLOR CHART	SOIL DESCRIPTION
	Sample Number	Recovery (feet)	FID/ PID (ppm)		
19	LOCATION:				SURFACE DESCRIPTION:
			0.0		Same as above.
20		5.0	0.0		Same as above, trace shattered cobble.
21			0.0		Same as above.
22			0.0		Same as above.
23			0.0		Same as above.
24			0.0		Same as above.
25			0.0		Same as above.
26		4.5	0.0		Same as above, some iron stain banding.
27			0.0		Same as above.
28			0.0		Same as above.
29			0.0		Same as above.



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Boring Number

SB-01

DEPTH (ft below grade)	SAMPLES			USCS/ MUNSELL COLOR CHART	SOIL DESCRIPTION
	Sample Number	Recovery (feet)	FID/ PID (ppm)		
29	LOCATION:				SURFACE DESCRIPTION:
			0.0		Same as above.
30			0.0		
		5.0	0.0		M. and F. sand, some C. sand, trace gravel and silt. Moist, brown, moderate sorted, no odor.
31			0.0		
			0.0		Same as above.
32			0.0		
			0.0		Same as above.
33			0.0		
			0.0		Same as above.
34			0.0		
			0.0		Same as above.
35			0.0		
		4.5	0.0		Same as above but light brown/tan, moist.
36			0.0		
			0.0		Same as above.
37			0.0		
			0.0		Same as above.
38			0.0		
			0.0		Same as above.
39			0.0		



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BORING LOG

Boring Number

SB-01

DEPTH (ft below grade)	SAMPLES			USCS/ MUNSELL COLOR CHART	SOIL DESCRIPTION
	Sample Number	Recovery (feet)	FID/ PID (ppm)		
39	LOCATION:				SURFACE DESCRIPTION:
			0.0		Same as above.
40					Wet. End of Boring at 40'bgs. Water table = 40'bgs.
41					
42					
43					
44					
45					
46					
47					
48					
49					



ERM

520 Broad Hollow Road, Suite 210, Melville, NY 11747

BORING LOG

Boring Number

SB-02

Project Name & Location Bluestone Jamaica I, LLC			Project Number 0085523		Date & Time Started: 6/10/2008	
Drilling Company Laurel Environmental			Foreman Steve Bitetto		Date & Time Completed: 6/10/2008	
Drilling Equipment Geoprobe 6610DT			Method Direct Push		Sampler(s) Sampler Hammer Drop	
Bit Size(s)			Core Barrel(s) 2 - 1/8inch		Elevation & Datum Completion Depth Rock Depth 45'	
					Geologist(s) Karen Pickering	

DEPTH (ft below grade)	SAMPLES			USCS/ MUNSELL COLOR CHART	SOIL DESCRIPTION
	Sample Number	Recovery (feet)	FID/ PID (ppm)		
0	LOCATION:				SURFACE DESCRIPTION:
		H.A.	0.0		Brown/Lt. tan, silty sands, some gravel, poorly sorted, no odor, moist.
1		H.A.	0.0		Same as above.
2		H.A.	0.0		Same as above but with some clay.
3		H.A.	0.0		Same as above.
4		H.A.	0.0		Same as above.
5		4.0	0.0		M. and F. sand, some silt and C. sand, trace gravel, moderate sorting, dry to moist, no odor, brown.
6			0.0		Same as above.
7			0.0		Same as above.
8			0.0		Same as above.
9			0.0		Same as above.



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BORING LOG

Boring Number

SB-02

DEPTH (ft below grade)	SAMPLES			USCS/ MUNSELL COLOR CHART	SOIL DESCRIPTION
	Sample Number	Recovery (feet)	FID/ PID (ppm)		
9	LOCATION:				SURFACE DESCRIPTION:
			0.0		Same as above.
10			0.0		
		4.0	0.0		Same as above.
11			0.0		
			0.0		Same as above.
12			0.0		
			0.0		M. and C. sand, some gravel and F. sand, trace silt, poorly sorted, moist, no odor, brown.
13			0.0		
			0.0		Same as above.
14			0.0		
			0.0		Same as above.
15			0.0		
		5.0	0.0		Same as above.
16			0.0		
			0.0		Same as above.
17			0.0		
			0.0		Same as above.
18			0.0		
			0.0		Same as above.
19			0.0		



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Boring Number

SB-02

DEPTH (ft below grade)	SAMPLES			USCS/ MUNSELL COLOR CHART	SOIL DESCRIPTION
	Sample Number	Recovery (feet)	FID/ PID (ppm)		
19	LOCATION:				SURFACE DESCRIPTION:
			0.0		Same as above.
20		5.0	0.0		M. and C. sand, some F. sand and gravel, trace silt, no odor, moist, brown, poorly sorted.
21			0.0		Same as above.
22			0.0		Same as above.
23			0.0		Same as above.
24			0.0		Same as above.
25			0.0		Same as above, some iron stain banding.
26			0.0		Same as above.
27			0.0		Same as above.
28			0.0		Same as above.
29			0.0		Same as above.



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Boring Number

SB-02

DEPTH (ft below grade)	SAMPLES			USCS/ MUNSELL COLOR CHART	SOIL DESCRIPTION
	Sample Number	Recovery (feet)	FID/ PID (ppm)		
29	LOCATION:				SURFACE DESCRIPTION:
			0.0		Same as above.
30			0.0		
		2.5	0.0		M. sand, some C. and F. sand, trace gravel and silt, moderate to well sorted, light brown, moist, no odor, some iron stain banding.
31			0.0		Same as above.
			0.0		
32			0.0		Same as above.
			0.0		
33			0.0		Same as above.
			0.0		
34			0.0		Same as above.
			0.0		
35			0.0		Same as above, no iron stain banding.
		2.5	0.0		
36			0.0		Same as above.
			0.0		
37			0.0		Same as above.
			0.0		
38			0.0		Same as above.
			0.0		
39			0.0		Same as above.



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BORING LOG

Boring Number

SB-02

DEPTH (ft below grade)	SAMPLES			USCS/ MUNSELL COLOR CHART	SOIL DESCRIPTION
	Sample Number	Recovery (feet)	FID/ PID (ppm)		
39	LOCATION:				SURFACE DESCRIPTION:
			0.0		Same as above.
40			0.0		Same as above, moist.
		2.5	0.0		Wet. Water table = 40.5'bgs
41			0.0		Same as above.
			0.0		Same as above.
42			0.0		Same as above.
			0.0		Same as above.
43			0.0		Same as above.
			0.0		Same as above.
44			0.0		Same as above.
			0.0		End of boring at 45'bgs.
45					
46					
47					
48					
49					



ERM NE

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BORING LOG

Boring Number

SB-03

Project Name & Location Bluestone Jamaica I, LLC			Project Number 0085523		Date & Time Started: 6/9/2008	
Drilling Company Laurel Environmental			Foreman Steve Bitetto		Date & Time Completed: 6/9/2008	
Drilling Equipment Geoprobe 6610DT			Method Direct Push		Sampler(s) Sampler Hammer Drop	
Bit Size(s) 2 - 1/8inch			Core Barrel(s) 2 - 1/8inch		Elevation & Datum Completion Depth Rock Depth 40'	
					Geologist(s) Karen Pickering	

DEPTH (ft below grade)	SAMPLES			USCS/ MUNSELL COLOR CHART	SOIL DESCRIPTION
	Sample Number	Recovery (feet)	FID/ PID (ppm)		
0	LOCATION:				SURFACE DESCRIPTION:
		H.A.	0.0		Brown/Lt. tan, silty sands, some gravel, poorly sorted, no odor, moist.
1		H.A.	0.0		Same as above.
2		H.A.	0.0		Light brown silty clay, some sand, moist, no odor, soft, moderate sorting.
3		H.A.	0.0		Same as above.
4		H.A.	0.0		Same as above.
5		4.0	0.0		M. and F. sand, some silt and C. sand, trace gravel, well sorted, moist, no odor, brown.
6			0.0		Same as above.
7			0.0		Same as above.
8			0.0		Same as above.
9			0.0		Same as above.



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BORING LOG

Boring Number

SB-03

DEPTH (ft below grade)	SAMPLES			USCS/ MUNSELL COLOR CHART	SOIL DESCRIPTION
	Sample Number	Recovery (feet)	FID/ PID (ppm)		
9	LOCATION:				SURFACE DESCRIPTION:
			0.0		Same as above.
10			0.0		
		5.0	0.0		Same as above.
11			0.0		
			0.0		Same as above.
12			0.0		
			0.0		M and C. sand, some F. sand and gravel, trace silt, poorly sorted, moist, brown, no odor.
13			0.0		
			0.0		Same as above.
14			0.0		
			0.0		Same as above.
15			0.0		
		4.5	0.0		Same as above.
16			0.0		
			0.0		Same as above.
17			0.0		
			0.0		Same as above.
18			0.0		
			0.0		Same as above.
19			0.0		



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Boring Number

SB-03

DEPTH (ft below grade)	SAMPLES			USCS/ MUNSELL COLOR CHART	SOIL DESCRIPTION
	Sample Number	Recovery (feet)	FID/ PID (ppm)		
19	LOCATION:				SURFACE DESCRIPTION:
			0.0		Same as above.
20			0.0		Same as above.
		4.0	0.0		Same as above.
21			0.0		Same as above.
			0.0		Same as above.
22			0.0		Same as above.
			0.0		Same as above.
23			0.0		Same as above.
			0.0		Same as above.
24			0.0		Same as above.
			0.0		Same as above.
25			0.0		Same as above.
		4.0	0.0		Brown, F. and M. sand, some silt and C> sand, trace gravel, moist, moderate to well sorted, no odor.
26			0.0		Same as above.
			0.0		Same as above.
27			0.0		Same as above.
			0.0		Same as above.
28			0.0		Same as above.
			0.0		Same as above.
29			0.0		Same as above.



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BORING LOG

Boring Number

SB-03

DEPTH (ft below grade)	SAMPLES			USCS/ MUNSELL COLOR CHART	SOIL DESCRIPTION
	Sample Number	Recovery (feet)	FID/ PID (ppm)		
29	LOCATION:				SURFACE DESCRIPTION:
			0.0		Same as above.
30			0.0		
		5.0	0.0		Silty F. and M. sand, some C. sand, trace gravel, brown, moist, no odor, poor to moderate sorting.
31			0.0		
			0.0		Same as above.
32			0.0		
			0.0		Same as above.
33			0.0		
			0.0		Same as above.
34			0.0		
			0.0		Same as above.
35			0.0		
		3.0	0.0		Same as above.
36			0.0		
			0.0		Same as above.
37			0.0		
			0.0		Same as above.
38			0.0		
			0.0		Same as above.
39			0.0		



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BORING LOG

Boring Number

SB-03

DEPTH (ft below grade)	SAMPLES			USCS/ MUNSELL COLOR CHART	SOIL DESCRIPTION
	Sample Number	Recovery (feet)	FID/ PID (ppm)		
39	LOCATION:				SURFACE DESCRIPTION:
			0.0		Same as above.
40					Wet. Water table = 40'bgs. End of boring at 40'bgs.
41					
42					
43					
44					
45					
46					
47					
48					
49					



ERM NE

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BORING LOG

Boring Number

SB-04

Project Name & Location Bluestone Jamaica I, LLC			Project Number 0085523		Date & Time Started: 6/10/2008	
Drilling Company Laurel Environmental			Foreman Steve Bitetto		Date & Time Completed: 6/10/2008	
Drilling Equipment Geoprobe 6610DT			Method Direct Push		Sampler(s) Sampler Hammer Drop	
Bit Size(s)			Core Barrel(s) 2 - 1/8inch		Elevation & Datum Completion Depth Rock Depth 40'	
					Geologist(s) Karen Pickering	

DEPTH (ft below grade)	SAMPLES			USCS/ MUNSELL COLOR CHART	SOIL DESCRIPTION
	Sample Number	Recovery (feet)	FID/ PID (ppm)		
0	LOCATION:				SURFACE DESCRIPTION:
		H.A.	0.0		Brown, silty clay, soft, some sand intermixed, moderate sorting, no odor.
1		H.A.	0.0		Same as above.
2		H.A.	0.0		Same as above.
3		H.A.	0.0		Same as above.
4		H.A.	0.0		Same as above.
5		H.A.	0.0		Same as above.
6		5.0	0.0		M. and F. sand, some silt and C. sand, trace gravel, brown, moist, no odor, well sorted.
7			0.0		Same as above.
8			0.0		Same as above.
9			0.0		Same as above.



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Boring Number

SB-04

DEPTH (ft below grade)	SAMPLES			USCS/ MUNSELL COLOR CHART	SOIL DESCRIPTION
	Sample Number	Recovery (feet)	FID/ PID (ppm)		
9	LOCATION:				SURFACE DESCRIPTION:
			0.0		Same as above.
10			0.0		
		5.0	0.0		M. and C. sand some F. sand and gravel, trace silt, moderate to poor sorting, moist, brown, no odor.
11			0.0		
			0.0		Same as above.
12			0.0		
			0.0		Same as above.
13			0.0		
			0.0		Same as above.
14			0.0		
			0.0		Same as above.
15			0.0		
		5.0	0.0		Same as above.
16			0.0		
			0.0		Same as above.
17			0.0		
			0.0		Same as above.
18			0.0		
			0.0		Same as above.
19			0.0		



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Boring Number

SB-04

DEPTH (ft below grade)	SAMPLES			USCS/ MUNSELL COLOR CHART	SOIL DESCRIPTION
	Sample Number	Recovery (feet)	FID/ PID (ppm)		
19	LOCATION:				SURFACE DESCRIPTION:
			0.0		Same as above.
20			0.0		Same as above.
		5.0	0.0		Same as above.
21			0.0		Same as above.
			0.0		Same as above.
22			0.0		Same as above.
			0.0		Same as above.
23			0.0		Same as above.
			0.0		Same as above.
24			0.0		Same as above.
			0.0		Same as above.
25			0.0		Same as above.
		5.0	0.0		M. and C. sand, some F. sand and gravel, trace silt and fractured cobble, poor to moderate sorting, moist, brown, no odor.
26			0.0		Same as above.
			0.0		Same as above.
27			0.0		Same as above.
			0.0		Same as above.
28			0.0		Same as above.
			0.0		Same as above.
29			0.0		Same as above.



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BORING LOG

Boring Number

SB-04

DEPTH (ft below grade)	SAMPLES			USCS/ MUNSELL COLOR CHART	SOIL DESCRIPTION
	Sample Number	Recovery (feet)	FID/ PID (ppm)		
29	LOCATION:				SURFACE DESCRIPTION:
			0.0		Same as above.
30			0.0		Light Brown but same as above.
		5.0	0.0		Same as above, brown to light brown, moist/dry.
31			0.0		Same as above.
			0.0		
32			0.0		Same as above.
			0.0		
33			0.0		Same as above.
			0.0		
34			0.0		Same as above.
			0.0		
35			0.0		Same as above, moist, light brown.
		3.0	0.0		
36			0.0		Same as above.
			0.0		
37			0.0		Same as above.
			0.0		
38			0.0		Same as above.
			0.0		
39			0.0		



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Boring Number

SB-04

DEPTH (ft below grade)	SAMPLES			USCS/ MUNSELL COLOR CHART	SOIL DESCRIPTION
	Sample Number	Recovery (feet)	FID/ PID (ppm)		
39	LOCATION:				SURFACE DESCRIPTION:
			0.0		Same as above.
40					Wet. Water table = 40'bgs. End of boring at 40'bgs.
41					
42					
43					
44					
45					
46					
47					
48					
49					



ERM NE

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BORING LOG

Boring Number

SB-05

Project Name & Location Bluestone Jamaica I, LLC			Project Number 0085523		Date & Time Started: 6/9/2008	
Drilling Company Laurel Environmental			Foreman Steve Bitetto		Date & Time Completed: 6/9/2008	
Drilling Equipment Geoprobe 6610DT			Method Direct Push		Sampler(s) Sampler Hammer Drop	
Bit Size(s)			Core Barrel(s) 2 - 1/8inch		Elevation & Datum Completion Depth Rock Depth 40'	
					Geologist(s) Karen Pickering	

DEPTH (ft below grade)	SAMPLES			USCS/ MUNSELL COLOR CHART	SOIL DESCRIPTION
	Sample Number	Recovery (feet)	FID/ PID (ppm)		
0	LOCATION:				SURFACE DESCRIPTION:
		H.A.	0.0		Brown, silty clay, soft, some sand intermixed, moderate sorting, no odor.
1		H.A.	0.0		Same as above.
2		H.A.	0.0		Same as above.
3		H.A.	0.0		Same as above.
4		H.A.	0.0		Same as above.
5		H.A.	0.0		Same as above.
6		<0.5	0.0		Dry, Light brown, silty sands some gravel, poorly sorted, no odor. sorted.
7			0.0		Same as above.
8			0.0		Same as above.
9			0.0		Same as above.



ERM NE

520 Broad Hollow Road, Suite 210, Melville, NY 11747

BORING LOG

Boring Number

SB-05

DEPTH (ft below grade)	SAMPLES			USCS/ MUNSELL COLOR CHART	SOIL DESCRIPTION
	Sample Number	Recovery (feet)	FID/ PID (ppm)		
9	LOCATION:				SURFACE DESCRIPTION:
			0.0		Same as above.
10		5.0	0.0		F. and M. sand, some silt and C. sand, trace gravel, moist to dry, brown, moderate sorting.
11			0.0		Same as above.
12			0.0		Same as above.
13			0.0		Same as above.
14			0.0		Same as above.
15			0.0		Same as above.
16		5.0	0.0		Same as above, trace piece of broken red brick.
17			0.0		Same as above.
18			0.0		Same as above.
19			0.0		Same as above.



ERM NE

520 Broad Hollow Road, Suite 210, Melville, NY 11747

BORING LOG

Boring Number

SB-05

DEPTH (ft below grade)	SAMPLES			USCS/ MUNSELL COLOR CHART	SOIL DESCRIPTION
	Sample Number	Recovery (feet)	FID/ PID (ppm)		
19	LOCATION:				SURFACE DESCRIPTION:
			0.0		Same as above.
20			0.0		
		2.5	0.0		Silty sands, some gravel, poorly sorted, moist to dry, light brown.
21			0.0		
			0.0		Same as above.
22			0.0		
			0.0		Same as above.
23			0.0		
			0.0		Same as above.
24			0.0		
			0.0		Same as above.
25			0.0		
		5.0	0.0		Same as above.
26			0.0		
			0.0		Same as above.
27			0.0		
			0.0		Same as above.
28			0.0		
			0.0		Same as above.
29			0.0		



ERM NE

520 Broad Hollow Road, Suite 210, Melville, NY 11747

BORING LOG

Boring Number

SB-05

DEPTH (ft below grade)	SAMPLES			USCS/ MUNSELL COLOR CHART	SOIL DESCRIPTION
	Sample Number	Recovery (feet)	FID/ PID (ppm)		
29	LOCATION:				SURFACE DESCRIPTION:
			0.0		Same as above.
30			0.0		
		3.0	0.0		M. and F> sand, some silt, trace C. sand and gravel, moist, light brown, well sorted.
31			0.0		
			0.0		Same as above.
32			0.0		
			0.0		Same as above.
33			0.0		
			0.0		Same as above.
34			0.0		
			0.0		Same as above.
35			0.0		
		3.0	0.0		Same as above.
36			0.0		
			0.0		Same as above.
37			0.0		
			0.0		Same as above.
38			0.0		
			0.0		Same as above.
39			0.0		



ERM NE
 520 Broad Hollow Road, Suite 210, Melville, NY 11747
BORING LOG

Boring Number

SB-05

DEPTH (ft below grade)	SAMPLES			USCS/ MUNSELL COLOR CHART	SOIL DESCRIPTION
	Sample Number	Recovery (feet)	FID/ PID (ppm)		
39	LOCATION:				SURFACE DESCRIPTION:
			0.0		Same as above.
40					Wet. Water table = 40'bgs. End of boring at 40'bgs.
41					
42					
43					
44					
45					
46					
47					
48					
49					



ERM NE

520 Broad Hollow Road, Suite 210, Melville, NY 11747

BORING LOG

Boring Number

SB-06

Project Name & Location Bluestone Jamaica I, LLC			Project Number 0085523		Date & Time Started: 6/9/2008	
Drilling Company Laurel Environmental			Foreman Steve Bitetto		Date & Time Completed: 6/9/2008	
Drilling Equipment Geoprobe 6610DT			Method Direct Push		Sampler(s) Sampler Hammer Drop	
Bit Size(s)			Core Barrel(s) 2 - 1/8inch		Elevation & Datum Completion Depth Rock Depth 40'	
					Geologist(s) Karen Pickering	

DEPTH (ft below grade)	SAMPLES			USCS/ MUNSELL COLOR CHART	SOIL DESCRIPTION
	Sample Number	Recovery (feet)	FID/ PID (ppm)		
0	LOCATION:				SURFACE DESCRIPTION:
		H.A.	0.0		Silty sands, some clay and gravel, poorly sorted, moist, soft brown, no odor.
1		H.A.	0.0		Same as above.
2		H.A.	0.0		Same as above.
3		H.A.	0.0		Same as above.
4		H.A.	0.0		Same as above.
5		H.A.	0.0		Same as above.
6		0.5	0.0		Red brock and asphalt pieces, cobble sized, no odor, very little sediment recovered.
7			0.0		Same as above.
8			0.0		Same as above.
9			0.0		Same as above.



ERM NE

520 Broad Hollow Road, Suite 210, Melville, NY 11747

BORING LOG

Boring Number

SB-06

DEPTH (ft below grade)	SAMPLES			USCS/ MUNSELL COLOR CHART	SOIL DESCRIPTION
	Sample Number	Recovery (feet)	FID/ PID (ppm)		
9	LOCATION:				SURFACE DESCRIPTION:
			0.0		Same as above.
10		3.0	0.0		M. and F. sand, some silt and C. sand, trace gravel, moist, no odor, brown, moderate sorting.
11			0.0		Same as above.
12			0.0		Same as above.
13			0.0		Same as above.
14			0.0		Same as above.
15			0.0		Same as above.
16		3.5	0.0		Brown M. sand some F. and C> sand, trace silt and gravel, red brick fragments present near top of macrocore, no odor, moist, moderate sorting.
17			0.0		Same as above.
18			0.0		Same as above.
19			0.0		Same as above.



ERM NE

520 Broad Hollow Road, Suite 210, Melville, NY 11747

BORING LOG

Boring Number

SB-06

DEPTH (ft below grade)	SAMPLES			USCS/ MUNSELL COLOR CHART	SOIL DESCRIPTION
	Sample Number	Recovery (feet)	FID/ PID (ppm)		
19	LOCATION:				SURFACE DESCRIPTION:
			0.0		Same as above.
20			0.0		
		3.5	0.0		M. and C. sand, some F. sand, trace silt and gravel, moderate to poorly sorted, moist, no odor, brown, some pieces of broken red brick.
21			0.0		
			0.0		Same as above.
22			0.0		
			0.0		Same as above.
23			0.0		
			0.0		Same as above.
24			0.0		
			0.0		Same as above.
25			0.0		
		3.0	0.0		Same as above.
26			0.0		
			0.0		Same as above.
27			0.0		
			0.0		M. sand, some F. and C. sand, trace gravel, moist, no odor, well sorted, light brown.
28			0.0		
			0.0		Same as above.
29			0.0		



ERM NE

520 Broad Hollow Road, Suite 210, Melville, NY 11747

BORING LOG

Boring Number

SB-06

DEPTH (ft below grade)	SAMPLES			USCS/ MUNSELL COLOR CHART	SOIL DESCRIPTION
	Sample Number	Recovery (feet)	FID/ PID (ppm)		
29	LOCATION:				SURFACE DESCRIPTION:
			0.0		Same as above.
30			0.0		
		3.0	0.0		M. sand, dry to moist, light brown, some F. sand, trace C. sand, well sorted, no odor.
31			0.0		Same as above.
			0.0		
32			0.0		Same as above.
			0.0		
33			0.0		Same as above.
			0.0		
34			0.0		Same as above.
			0.0		
35			0.0		Light brown, M. and F. sand, trace C. sand, well sorted, no odor, moist.
		3.0	0.0		
36			0.0		Same as above.
			0.0		
37			0.0		Same as above.
			0.0		
38			0.0		Same as above.
			0.0		
39			0.0		



ERM NE

520 Broad Hollow Road, Suite 210, Melville, NY 11747

BORING LOG

Boring Number

SB-06

DEPTH (ft below grade)	SAMPLES			USCS/ MUNSELL COLOR CHART	SOIL DESCRIPTION
	Sample Number	Recovery (feet)	FID/ PID (ppm)		
39	LOCATION:				SURFACE DESCRIPTION:
			0.0		Same as above.
40					Wet. Water table = 40'bgs. End of boring at 40'bgs.
41					
42					
43					
44					
45					
46					
47					
48					
49					



ERM NE

40 Marcus Drive, Suite 200, Melville, NY 11747

BORING LOG

Boring Number
SB-09 / GW-07

DEPTH (ft below grade)	SAMPLES			Fluoro-scope	USCS/ MUNSELL COLOR CHART	SOIL DESCRIPTION
	Sample Number	Recovery (feet)	FID/ PID (ppm)			
0	LOCATION:					SURFACE DESCRIPTION:
			0.0			Hand cleared on 6/14/2012
						Urban fill with pebbles, coarse - very fine grained sands and silts
5		5' - 8' 60.0%	0.0		7.5 YR 4/6	Urban fill with pebbles, coarse - very fine grained sands and silts
10		12' - 15'	0.0		7.5 YR	Urban fill with pebbles, coarse - very fine grained sands and silts ends at ~12.5' bgs
	SB-09 (13' - 15")	60.0%			4/6	Native soils begin at ~13' bgs
						Pebbles, coarse - very fine grained sands with silts and a small percentage of clay
15		15' - 18' 60.0%	0.0		5 YR 4/4	Pebbles, coarse - very fine grained sands with silts and a small percentage of clay
20		20' - 23' 60.0%	0.0		5 YR 4/4	Pebbles, coarse - very fine grained sands with silts and a small percentage of clay
25		25' - 29' 80.0%	0.0		5 YR 4/4	Pebbles, coarse - very fine grained sands with silts and a small percentage of clay
30		30' - 34' 80.0%	0.0		5 YR 4/4	Pebbles, coarse - very fine grained sands with silts and a small percentage of clay
35		35' - 40' 100.0%	0.0		5 YR 4/4	Pebbles, coarse - very fine grained sands with silts and a small percentage of clay
40		41' - 45' 80.0%	0.0		5 YR 4/4	Pebbles, coarse - very fine grained sands with silts and a small percentage of clay
45						



ERM NE

40 Marcus Drive, Suite 200, Melville, NY 11747

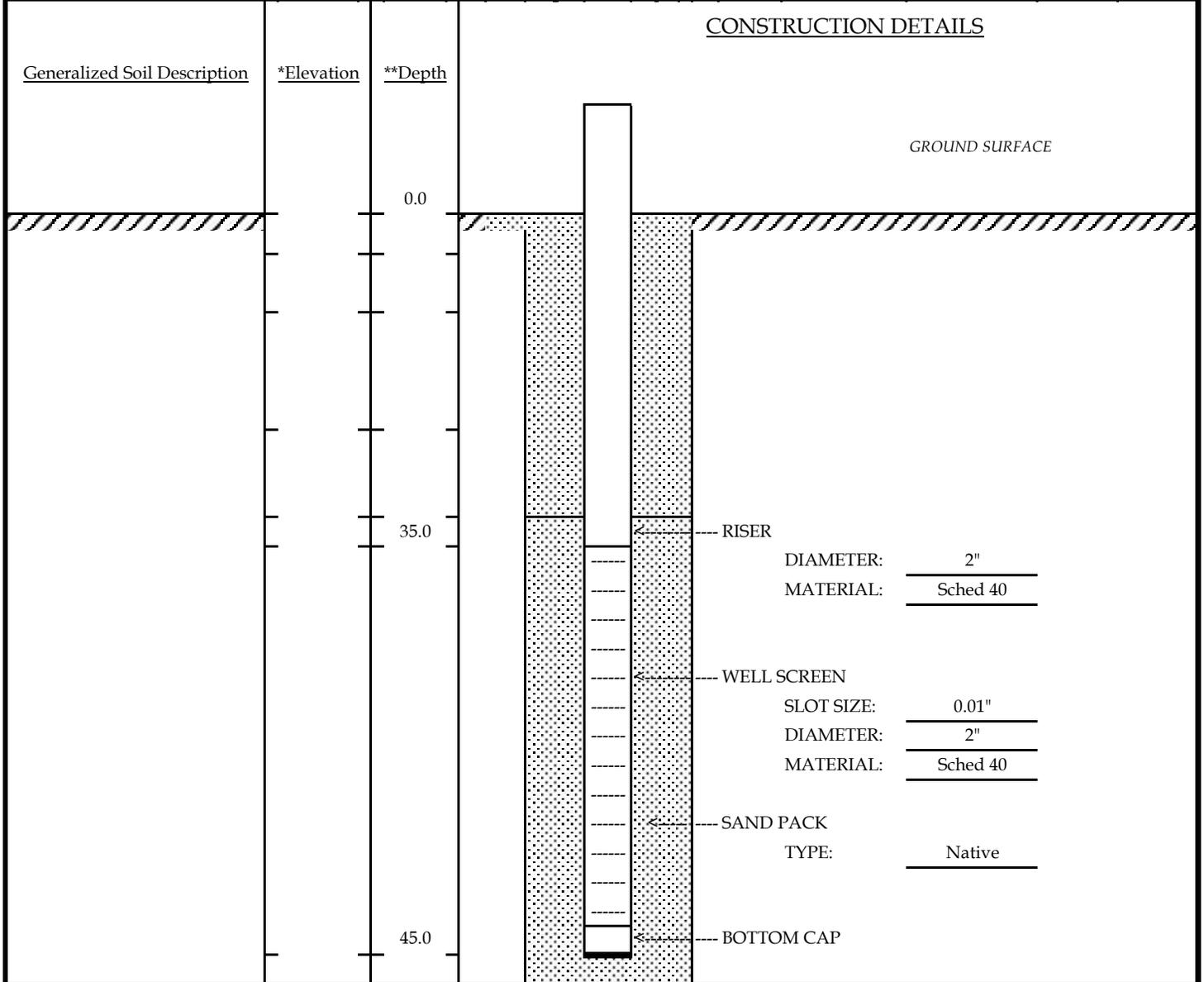
BORING LOG

Boring Number
SB-12/ GW-08

DEPTH (ft below grade)	SAMPLES				USCS/ MUNSELL COLOR CHART	SOIL DESCRIPTION
	Sample Number	Recovery (feet)	FID/ PID (ppm)	Fluoro- scope		
0	LOCATION:					SURFACE DESCRIPTION:
			0.0			Hand cleared on 6/14/2012
						Urban fill with pebbles, coarse - very fine grained sands and silts
5		None 0.0%	0.0		7.5 YR 3/4	No recovery Urban fill with pebbles, coarse - very fine grained sands and silts
10		12.5'-15'	0.0		7.5 YR	Urban fill with pebbles, coarse - very fine grained sands and silts ends at ~14.5' bgs
	SB-12 (13' - 15")	50.0%			3/4	Pebbles, coarse - very fine grained sands with silts and a small percentage of clay
15		15' - 18'	0.0		7.5 YR	Native soils start at ~15' bgs
		60.0%			3/4	Pebbles, coarse - very fine grained sands with silts and a small percentage of clay
20		20' - 21'	0.0		7.5 YR	Pebbles, coarse - very fine grained sands with silts and a small percentage of clay
		20.0%			3/4	
25		25' - 28'	0.0		7.5 YR	Pebbles, coarse - very fine grained sands with silts and a small percentage of clay
		60.0%			3/4	
30		30' - 35'	0.0		7.5 YR	Pebbles, coarse - very fine grained sands with silts and a small percentage of clay
		100.0%			3/4	
35		35' - 40'	0.0		7.5 YR	Pebbles, coarse - very fine grained sands with silts and a small percentage of clay
		100.0%			3/4	
40						DTW = 37.70'
		41' - 44'	0.0		7.5 YR	Pebbles, coarse - very fine grained sands with silts and a small percentage of clay
		60.0%			3/4	
45						DTB = 44' bgs

TEMPORARY MONITORING WELL CONSTRUCTION LOG

<i>Project Name & Location</i> Bluestone Jamaica		<i>Project No.</i>		<i>Water Level(s)</i> (ft below top of PVC casing)		<i>Site Elevation Datum (feet)</i>	
<i>Drilling Company</i> Enviroprobe		<i>Foreman</i> Mike		<i>Date</i> 6/15/2012	<i>Time</i> 13:00	<i>Level (feet)</i>	<i>Ground Elevation (feet)</i>
<i>Surveyor</i>		<i>Geologist</i> Brice Lynch					<i>Top of Protective Steel Cap Elevation (feet)</i>
<i>Date and Time of Completion</i>							<i>Top of Riser Pipe Elevation (feet)</i>



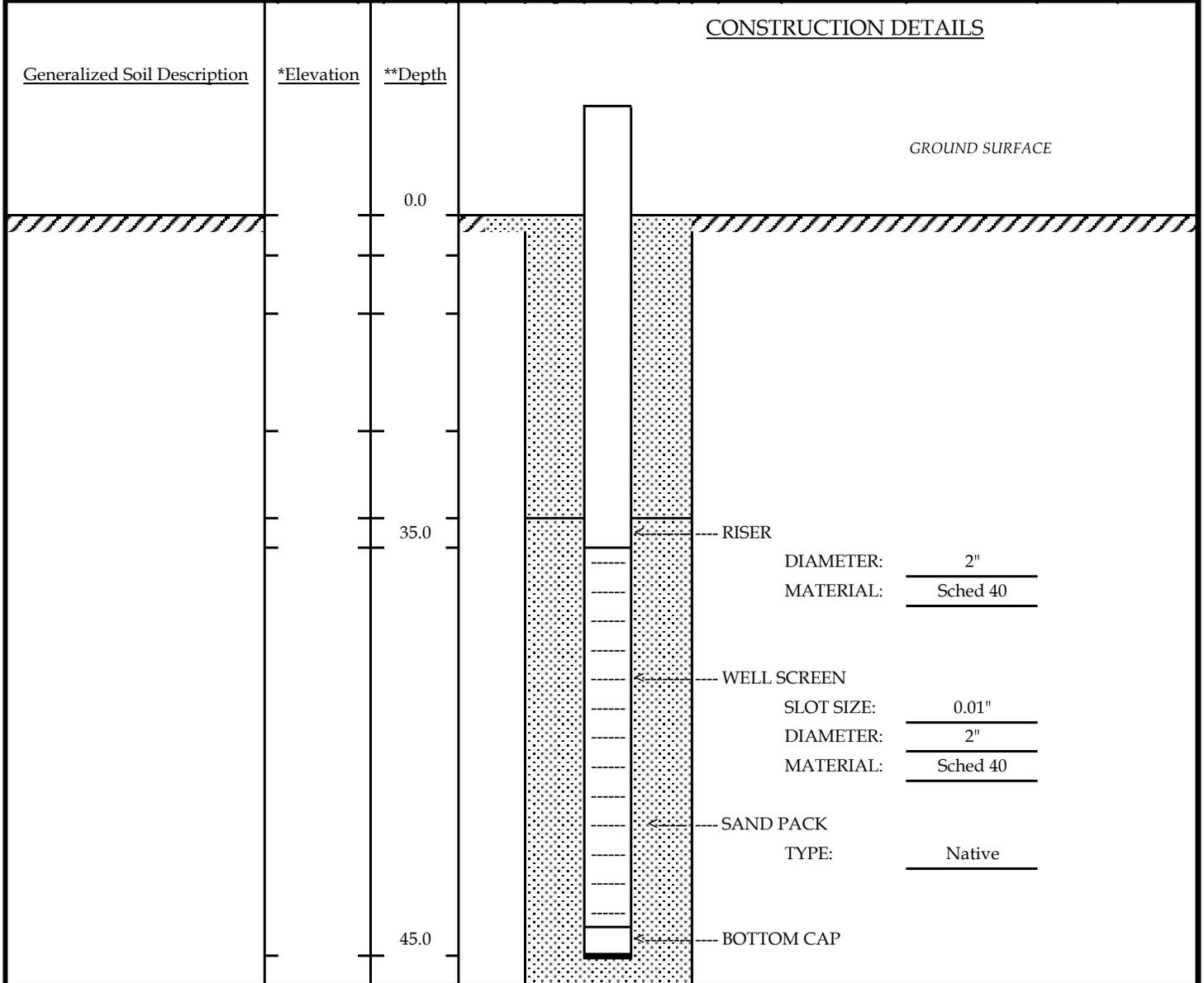
REMARKS _____

* Elevation (feet) above mean sea level unless noted

** Depth in feet below ground surface

TEMPORARY MONITORING WELL CONSTRUCTION LOG

<i>Project Name & Location</i> Bluestone Jamaica		<i>Project No.</i>		<i>Water Level(s)</i> (ft below top of PVC casing)		<i>Site Elevation Datum (feet)</i>	
<i>Drilling Company</i> Enviroprobe		<i>Foreman</i> Mike		<i>Date</i> 6/15/2012	<i>Time</i> 12:00	<i>Level (feet)</i>	<i>Ground Elevation (feet)</i>
<i>Surveyor</i>		<i>Geologist</i> Brice Lynch					<i>Top of Protective Steel Cap Elevation (feet)</i>
<i>Date and Time of Completion</i>							<i>Top of Riser Pipe Elevation (feet)</i>



REMARKS

* Elevation (feet) above mean sea level unless noted

** Depth in feet below ground surface

Table 2
Soil Analytical Results
Volatile Organic Compounds (VOCs)
Bluestone Jamaica I, LLC
90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/15/2012 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE		SB-01		SB-02		
	LAB SAMPLE ID	6NYCRR PART 375	6NYCRR PART 375	0806007_1	0806007_13	0806007_4	0806007_11
	DATE	Unrestricted	AND CP-51	06/09/2008	06/10/2008	06/09/2008	06/10/2008
	RESULT TYPE	SCO	RESIDENTIAL	Primary	Primary	Primary	Primary
Starting Depth	(feet)			0.00	38.00	0.00	39.00
Ending Depth	(feet)			2.00	40.00	2.00	41.00
1,1,1,2-Tetrachloroethane	(ug/kg)			5.4 U	5.2 U	5.3 U	5.2 U
1,1,1-Trichloroethane	(ug/kg)	680	100000	5.4 U	5.2 U	5.3 U	5.2 U
1,1,2,2-Tetrachloroethane	(ug/kg)		35000	5.4 U	5.2 U	5.3 U	5.2 U
1,1,2-Trichloroethane	(ug/kg)			5.4 U	5.2 U	5.3 U	5.2 U
1,1-Dichloroethane	(ug/kg)	270	19000	5.4 U	5.2 U	5.3 U	5.2 U
1,1-Dichloroethene	(ug/kg)	330	100000	5.4 U	5.2 U	5.3 U	5.2 U
1,1-Dichloropropene	(ug/kg)			5.4 U	5.2 U	5.3 U	5.2 U
1,2,3-Trichlorobenzene	(ug/kg)			5.4 U	5.2 U	5.3 U	5.2 U
1,2,3-Trichloropropane	(ug/kg)		80000	5.4 U	5.2 U	5.3 U	5.2 U
1,2,4-Trichlorobenzene	(ug/kg)			5.4 U	5.2 U	5.3 U	5.2 U
1,2,4-Trimethylbenzene	(ug/kg)	3600	47000	8.6	1.8 J	1.5 J	1.8 J
1,2-Dibromo-3-chloropropane	(ug/kg)			NA	NA	NA	NA
1,2-Dibromoethane	(ug/kg)			5.4 U	5.2 U	5.3 U	5.2 U
1,2-Dichlorobenzene	(ug/kg)	1100	100000	5.4 U	5.2 U	5.3 U	5.2 U
1,2-Dichloroethane	(ug/kg)	20	2300	5.4 U	5.2 U	5.3 U	5.2 U
1,2-Dichloropropane	(ug/kg)			5.4 U	5.2 U	5.3 U	5.2 U
1,3,5-Trimethylbenzene	(ug/kg)	8400	47000	5.4 U	3.3 J	2.8 J	2.6 J
1,3-Dichlorobenzene	(ug/kg)	2400	17000	5.4 U	5.2 U	5.3 U	5.2 U
1,3-Dichloropropane	(ug/kg)			5.4 U	5.2 U	5.3 U	5.2 U
1,4-Dichlorobenzene	(ug/kg)	1800	9800	5.4 U	5.2 U	5.3 U	5.2 U
1,4-Dioxane	(ug/kg)	100	9800	NA	NA	NA	NA
2-Butanone	(ug/kg)	120	100000	5.4 U	5.2 U	5.3 U	5.2 U
2-Chlorotoluene	(ug/kg)			5.4 U	5.2 U	5.3 U	5.2 U
2-Hexanone	(ug/kg)			NA	NA	NA	NA
2-Nitropropane	(ug/kg)			5.4 U	5.2 U	5.3 U	5.2 U
4-Chlorotoluene	(ug/kg)			5.4 U	5.2 U	5.3 U	5.2 U
4-Methyl-2-Pentanone	(ug/kg)			5.4 U	5.2 U	5.3 U	5.2 U

See the Endnotes following the last page of this Table.

Table 2
 Soil Analytical Results
 Volatile Organic Compounds (VOCs)
 Bluestone Jamaica I, LLC
 90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/15/2012 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE	6NYCRR PART 375		SB-01	SB-01	SB-02	SB-02
	LAB SAMPLE ID	6NYCRR PART 375	6NYCRR PART 375	0806007_1	0806007_13	0806007_4	0806007_11
	DATE	Unrestricted	AND CP-51	06/09/2008	06/10/2008	06/09/2008	06/10/2008
	RESULT TYPE	SCO	RESIDENTIAL	Primary	Primary	Primary	Primary
Acetone	(ug/kg)	50	100000	27 U	26 U	26.5 U	26 U
Acrylonitrile	(ug/kg)			5.4 U	5.2 U	5.3 U	5.2 U
Allyl chloride	(ug/kg)			5.4 U	5.2 U	5.3 U	5.2 U
Benzene	(ug/kg)	60	2900	5.4 U	5.2 U	5.3 U	5.2 U
Bromobenzene	(ug/kg)			5.4 U	5.2 U	5.3 U	5.2 U
Bromochloromethane	(ug/kg)			5.4 U	5.2 U	5.3 U	5.2 U
Bromodichloromethane	(ug/kg)			5.4 U	5.2 U	5.3 U	5.2 U
Bromoform	(ug/kg)			5.4 U	5.2 U	5.3 U	5.2 U
Bromomethane	(ug/kg)			5.4 U	5.2 U	5.3 U	5.2 U
Carbon Disulfide	(ug/kg)		100000	5.4 U	5.2 U	5.3 U	5.2 U
Carbon Tetrachloride	(ug/kg)	760	1400	5.4 U	5.2 U	5.3 U	5.2 U
Chlorobenzene	(ug/kg)	1100	100000	5.4 U	5.2 U	5.3 U	5.2 U
Chlorodifluoromethane	(ug/kg)			27 U	26 U	26.5 U	26 U
Chloroethane	(ug/kg)			5.4 U	5.2 U	5.3 U	5.2 U
Chloroform	(ug/kg)	370	10000	5.4 U	5.2 U	5.3 U	5.2 U
Chloromethane	(ug/kg)			5.4 U	5.2 U	5.3 U	5.2 U
Chloroprene	(ug/kg)			5.4 U	5.2 U	5.3 U	5.2 U
cis-1,2-Dichloroethene	(ug/kg)	250	59000	5.4 U	5.2 U	5.3 U	5.2 U
cis-1,3-Dichloropropene	(ug/kg)			5.4 U	5.2 U	5.3 U	5.2 U
Cyclohexane	(ug/kg)			NA	NA	NA	NA
Dibromochloromethane	(ug/kg)			5.4 U	5.2 U	5.3 U	5.2 U
Dibromomethane	(ug/kg)			5.4 U	5.2 U	5.3 U	5.2 U
Dichlorodifluoromethane	(ug/kg)			5.4 U	5.2 U	5.3 U	5.2 U
Diethyl ether	(ug/kg)			5.4 U	5.2 U	5.3 U	5.2 U
Ethanol	(ug/kg)			270 U	260 U	265 U	260 U
Ethylbenzene	(ug/kg)	1000	30000	5.4 U	5.2 U	5.3 U	5.2 U
Freon 113	(ug/kg)		100000	5.4 U	5.2 U	5.3 U	5.2 U
Hexachlorobutadiene	(ug/kg)			5.4 U	5.2 U	5.3 U	5.2 U
Isopropyl Ether	(ug/kg)			5.4 U	5.2 U	5.3 U	5.2 U

See the Endnotes following the last page of this Table.

Table 2
Soil Analytical Results
Volatile Organic Compounds (VOCs)
Bluestone Jamaica I, LLC
90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/15/2012 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE			SB-01	SB-01	SB-02	SB-02
	LAB SAMPLE ID	6NYCRR PART 375	6NYCRR PART 375	0806007_1	0806007_13	0806007_4	0806007_11
	DATE	Unrestricted	AND CP-51	06/09/2008	06/10/2008	06/09/2008	06/10/2008
	RESULT TYPE	SCO	RESIDENTIAL	Primary	Primary	Primary	Primary
Isopropylbenzene	(ug/kg)		100000	5.4 U	5.2 U	5.3 U	5.2 U
m+p-Xylene	(ug/kg)			5.4 U	5.2 U	5.3 U	5.2 U
Methacrylonitrile	(ug/kg)			5.4 U	5.2 U	5.3 U	5.2 U
Methyl Acetate	(ug/kg)			NA	NA	NA	NA
Methyl acrylate	(ug/kg)			5.4 U	5.2 U	5.3 U	5.2 U
Methyl Cyclohexane	(ug/kg)			NA	NA	NA	NA
Methyl Tertiary Butyl Ether	(ug/kg)	930	62000	5.4 U	5.2 U	5.3 U	5.2 U
Methylene Chloride	(ug/kg)	50	51000	5.4 U	5.2 U	5.3 U	5.2 U
Naphthalene	(ug/kg)	12000	100000	6.5	5.2 U	1.2 J	0.92 J
n-Butylbenzene	(ug/kg)	12000	100000	5.4 U	5.2 U	5.3 U	5.2 U
n-Propylbenzene	(ug/kg)	3900	100000	5.4 U	0.40 J	0.38 J	0.43 J
o-Xylene	(ug/kg)			5.4 U	5.2 U	5.3 U	5.2 U
p-Isopropyltoluene	(ug/kg)			5.4 U	5.2 U	5.3 U	5.2 U
sec-Butylbenzene	(ug/kg)	11000	100000	5.4 U	5.2 U	5.3 U	5.2 U
Styrene	(ug/kg)			5.4 U	5.2 U	5.3 U	5.2 U
tert-amyl alcohol	(ug/kg)			5.4 U	5.2 U	5.3 U	5.2 U
tert-Amyl methyl ether	(ug/kg)			5.4 U	5.2 U	5.3 U	5.2 U
tert-Buthyl ethyl ether	(ug/kg)			5.4 U	5.2 U	5.3 U	5.2 U
tert-Butylbenzene	(ug/kg)	5900	100000	5.4 U	5.2 U	5.3 U	5.2 U
Tertiary Butyl Alcohol	(ug/kg)			5.4 U	5.2 U	5.3 U	5.2 U
Tetrachloroethene	(ug/kg)	1300	5500	5.4 U	5.2 U	5.3 U	5.2 U
Toluene	(ug/kg)	700	100000	5.4 U	5.2 U	0.47 J	5.2 U
trans-1,2-Dichloroethene	(ug/kg)	190	100000	5.4 U	5.2 U	5.3 U	5.2 U
trans-1,3-Dichloropropene	(ug/kg)			NA	NA	NA	NA
Trichloroethene	(ug/kg)	470	10000	5.4 U	5.2 U	5.3 U	5.2 U
Trichlorofluoromethane	(ug/kg)			5.4 U	5.2 U	5.3 U	5.2 U
Vinyl Acetate	(ug/kg)			5.4 U	5.2 U	5.3 U	5.2 U
Vinyl chloride	(ug/kg)	20	210	5.4 U	5.2 U	5.3 U	5.2 U
Xylene (total)	(ug/kg)	260	100000	NA	NA	NA	NA

See the Endnotes following the last page of this Table.

Table 2
 Soil Analytical Results
 Volatile Organic Compounds (VOCs)
 Bluestone Jamaica I, LLC
 90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/15/2012 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE			SB-03	SB-03	SB-04	SB-04
	LAB SAMPLE ID	6NYCRR PART 375	6NYCRR PART 375	0806007_5	0806007_9	0806007_2	0806007_12
	DATE	Unrestricted	AND CP-51	06/09/2008	06/09/2008	06/09/2008	06/10/2008
	RESULT TYPE	SCO	RESIDENTIAL	Primary	Primary	Primary	Primary
Starting Depth	(feet)			0.00	38.00	0.00	38.00
Ending Depth	(feet)			2.00	40.00	2.00	40.00
1,1,1,2-Tetrachloroethane	(ug/kg)			5.75 U	5.2 U	6.96 U	5.2 U
1,1,1-Trichloroethane	(ug/kg)	680	100000	5.75 U	5.2 U	6.96 U	5.2 U
1,1,2,2-Tetrachloroethane	(ug/kg)		35000	5.75 U	5.2 U	6.96 U	5.2 U
1,1,2-Trichloroethane	(ug/kg)			5.75 U	5.2 U	6.96 U	5.2 U
1,1-Dichloroethane	(ug/kg)	270	19000	5.75 U	5.2 U	6.96 U	5.2 U
1,1-Dichloroethene	(ug/kg)	330	100000	5.75 U	5.2 U	6.96 U	5.2 U
1,1-Dichloropropene	(ug/kg)			5.75 U	5.2 U	6.96 U	5.2 U
1,2,3-Trichlorobenzene	(ug/kg)			5.75 U	5.2 U	6.96 U	5.2 U
1,2,3-Trichloropropane	(ug/kg)		80000	5.75 U	5.2 U	6.96 U	5.2 U
1,2,4-Trichlorobenzene	(ug/kg)			5.75 U	5.2 U	6.96 U	5.2 U
1,2,4-Trimethylbenzene	(ug/kg)	3600	47000	1.9 J	1.9 J	6.96 U	1.6 J
1,2-Dibromo-3-chloropropane	(ug/kg)			NA	NA	NA	NA
1,2-Dibromoethane	(ug/kg)			5.75 U	5.2 U	6.96 U	5.2 U
1,2-Dichlorobenzene	(ug/kg)	1100	100000	5.75 U	5.2 U	6.96 U	5.2 U
1,2-Dichloroethane	(ug/kg)	20	2300	5.75 U	5.2 U	6.96 U	5.2 U
1,2-Dichloropropane	(ug/kg)			5.75 U	5.2 U	6.96 U	5.2 U
1,3,5-Trimethylbenzene	(ug/kg)	8400	47000	3.5 J	0.74 J	6.96 U	3.2 J
1,3-Dichlorobenzene	(ug/kg)	2400	17000	5.75 U	5.2 U	6.96 U	5.2 U
1,3-Dichloropropane	(ug/kg)			5.75 U	5.2 U	6.96 U	5.2 U
1,4-Dichlorobenzene	(ug/kg)	1800	9800	5.75 U	5.2 U	6.96 U	5.2 U
1,4-Dioxane	(ug/kg)	100	9800	NA	NA	NA	NA
2-Butanone	(ug/kg)	120	100000	5.75 U	5.2 U	6.96 U	5.2 U
2-Chlorotoluene	(ug/kg)			5.75 U	5.2 U	6.96 U	5.2 U
2-Hexanone	(ug/kg)			NA	NA	NA	NA
2-Nitropropane	(ug/kg)			5.75 U	5.2 U	6.96 U	5.2 U
4-Chlorotoluene	(ug/kg)			5.75 U	5.2 U	6.96 U	5.2 U
4-Methyl-2-Pentanone	(ug/kg)			5.75 U	5.2 U	6.96 U	5.2 U

See the Endnotes following the last page of this Table.

Table 2
 Soil Analytical Results
 Volatile Organic Compounds (VOCs)
 Bluestone Jamaica I, LLC
 90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/15/2012 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE	6NYCRR PART 375		SB-03	SB-03	SB-04	SB-04
	LAB SAMPLE ID	6NYCRR PART 375	6NYCRR PART 375	0806007_5	0806007_9	0806007_2	0806007_12
	DATE	Unrestricted	AND CP-51	06/09/2008	06/09/2008	06/09/2008	06/10/2008
	RESULT TYPE	SCO	RESIDENTIAL	Primary	Primary	Primary	Primary
Acetone	(ug/kg)	50	100000	28.75 U	26 U	33.64 U	26 U
Acrylonitrile	(ug/kg)			5.75 U	5.2 U	6.96 U	5.2 U
Allyl chloride	(ug/kg)			5.75 U	5.2 U	6.96 U	5.2 U
Benzene	(ug/kg)	60	2900	5.75 U	5.2 U	6.96 U	5.2 U
Bromobenzene	(ug/kg)			5.75 U	5.2 U	6.96 U	5.2 U
Bromochloromethane	(ug/kg)			5.75 U	5.2 U	6.96 U	5.2 U
Bromodichloromethane	(ug/kg)			5.75 U	5.2 U	6.96 U	5.2 U
Bromoform	(ug/kg)			5.75 U	5.2 U	6.96 U	5.2 U
Bromomethane	(ug/kg)			5.75 U	5.2 U	6.96 U	5.2 U
Carbon Disulfide	(ug/kg)		100000	5.75 U	5.2 U	6.96 U	5.2 U
Carbon Tetrachloride	(ug/kg)	760	1400	5.75 U	5.2 U	6.96 U	5.2 U
Chlorobenzene	(ug/kg)	1100	100000	5.75 U	5.2 U	6.96 U	5.2 U
Chlorodifluoromethane	(ug/kg)			28.75 U	26 U	33.64 U	26 U
Chloroethane	(ug/kg)			5.75 U	5.2 U	6.96 U	5.2 U
Chloroform	(ug/kg)	370	10000	5.75 U	5.2 U	6.96 U	5.2 U
Chloromethane	(ug/kg)			5.75 U	5.2 U	6.96 U	5.2 U
Chloroprene	(ug/kg)			5.75 U	5.2 U	6.96 U	5.2 U
cis-1,2-Dichloroethene	(ug/kg)	250	59000	5.75 U	5.2 U	6.96 U	5.2 U
cis-1,3-Dichloropropene	(ug/kg)			5.75 U	5.2 U	6.96 U	5.2 U
Cyclohexane	(ug/kg)			NA	NA	NA	NA
Dibromochloromethane	(ug/kg)			5.75 U	5.2 U	6.96 U	5.2 U
Dibromomethane	(ug/kg)			5.75 U	5.2 U	6.96 U	5.2 U
Dichlorodifluoromethane	(ug/kg)			5.75 U	5.2 U	6.96 U	5.2 U
Diethyl ether	(ug/kg)			5.75 U	5.2 U	6.96 U	5.2 U
Ethanol	(ug/kg)			287.5 U	260 U	290 U	260 U
Ethylbenzene	(ug/kg)	1000	30000	5.75 U	5.2 U	6.96 U	5.2 U
Freon 113	(ug/kg)		100000	5.75 U	5.2 U	6.96 U	5.2 U
Hexachlorobutadiene	(ug/kg)			5.75 U	5.2 U	6.96 U	5.2 U
Isopropyl Ether	(ug/kg)			5.75 U	5.2 U	6.96 U	5.2 U

See the Endnotes following the last page of this Table.

Table 2
Soil Analytical Results
Volatile Organic Compounds (VOCs)
Bluestone Jamaica I, LLC
90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/15/2012 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE		SB-03		SB-04		SB-04	
	LAB SAMPLE ID	6NYCRR PART 375	6NYCRR PART 375	0806007_5	0806007_9	0806007_2	0806007_12	
	DATE	Unrestricted	AND CP-51	06/09/2008	06/09/2008	06/09/2008	06/10/2008	
	RESULT TYPE	SCO	RESIDENTIAL	Primary	Primary	Primary	Primary	
Isopropylbenzene	(ug/kg)		100000	5.75 U	5.2 U	6.96 U	5.2 U	
m+p-Xylene	(ug/kg)			5.75 U	5.2 U	6.96 U	5.2 U	
Methacrylonitrile	(ug/kg)			5.75 U	5.2 U	6.96 U	5.2 U	
Methyl Acetate	(ug/kg)			NA	NA	NA	NA	
Methyl acrylate	(ug/kg)			5.75 U	5.2 U	6.96 U	5.2 U	
Methyl Cyclohexane	(ug/kg)			NA	NA	NA	NA	
Methyl Tertiary Butyl Ether	(ug/kg)	930	62000	5.75 U	5.2 U	6.96 U	5.2 U	
Methylene Chloride	(ug/kg)	50	51000	5.75 U	5.2 U	6.96 U	5.2 U	
Naphthalene	(ug/kg)	12000	100000	1.3 J	1.1 J	6.96 U	0.89 J	
n-Butylbenzene	(ug/kg)	12000	100000	5.75 U	5.2 U	6.96 U	5.2 U	
n-Propylbenzene	(ug/kg)	3900	100000	0.47 J	0.46 J	6.96 U	0.44 J	
o-Xylene	(ug/kg)			5.75 U	5.2 U	6.96 U	5.2 U	
p-Isopropyltoluene	(ug/kg)			5.75 U	5.2 U	6.96 U	5.2 U	
sec-Butylbenzene	(ug/kg)	11000	100000	5.75 U	5.2 U	6.96 U	5.2 U	
Styrene	(ug/kg)			5.75 U	5.2 U	6.96 U	5.2 U	
tert-amyl alcohol	(ug/kg)			5.75 U	5.2 U	6.96 U	5.2 U	
tert-Amyl methyl ether	(ug/kg)			5.75 U	5.2 U	6.96 U	5.2 U	
tert-Buthyl ethyl ether	(ug/kg)			5.75 U	5.2 U	6.96 U	5.2 U	
tert-Butylbenzene	(ug/kg)	5900	100000	5.75 U	5.2 U	6.96 U	5.2 U	
Tertiary Butyl Alcohol	(ug/kg)			5.75 U	5.2 U	6.96 U	5.2 U	
Tetrachloroethene	(ug/kg)	1300	5500	5.75 U	5.2 U	6.96 U	5.2 U	
Toluene	(ug/kg)	700	100000	0.52 J	5.2 U	6.96 U	0.43 J	
trans-1,2-Dichloroethene	(ug/kg)	190	100000	5.75 U	5.2 U	6.96 U	5.2 U	
trans-1,3-Dichloropropene	(ug/kg)			NA	NA	NA	NA	
Trichloroethene	(ug/kg)	470	10000	5.75 U	5.2 U	6.96 U	5.2 U	
Trichlorofluoromethane	(ug/kg)			5.75 U	5.2 U	6.96 U	5.2 U	
Vinyl Acetate	(ug/kg)			5.75 U	5.2 U	6.96 U	5.2 U	
Vinyl chloride	(ug/kg)	20	210	5.75 U	5.2 U	6.96 U	5.2 U	
Xylene (total)	(ug/kg)	260	100000	NA	NA	NA	NA	

See the Endnotes following the last page of this Table.

Table 2
 Soil Analytical Results
 Volatile Organic Compounds (VOCs)
 Bluestone Jamaica I, LLC
 90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/15/2012 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE		SB-05		SB-06		
	LAB SAMPLE ID	6NYCRR PART 375	6NYCRR PART 375	0806007_3	0806007_10	0806007_6	0806007_7
	DATE	Unrestricted	AND CP-51	06/09/2008	06/09/2008	06/09/2008	06/09/2008
	RESULT TYPE	SCO	RESIDENTIAL	Primary	Primary	Primary	Primary
Starting Depth	(feet)			0.00	38.00	0.00	38.00
Ending Depth	(feet)			2.00	40.00	2.00	40.00
1,1,1,2-Tetrachloroethane	(ug/kg)			6.96 U	5.25 U	5.7 U	5.15 U
1,1,1-Trichloroethane	(ug/kg)	680	100000	6.96 U	5.25 U	5.7 U	5.15 U
1,1,1,2,2-Tetrachloroethane	(ug/kg)		35000	6.96 U	5.25 U	5.7 U	5.15 U
1,1,2-Trichloroethane	(ug/kg)			6.96 U	5.25 U	5.7 U	5.15 U
1,1-Dichloroethane	(ug/kg)	270	19000	6.96 U	5.25 U	5.7 U	5.15 U
1,1-Dichloroethene	(ug/kg)	330	100000	6.96 U	5.25 U	5.7 U	5.15 U
1,1-Dichloropropene	(ug/kg)			6.96 U	5.25 U	5.7 U	5.15 U
1,2,3-Trichlorobenzene	(ug/kg)			6.96 U	5.25 U	5.7 U	5.15 U
1,2,3-Trichloropropane	(ug/kg)		80000	6.96 U	5.25 U	5.7 U	5.15 U
1,2,4-Trichlorobenzene	(ug/kg)			6.96 U	5.25 U	5.7 U	5.15 U
1,2,4-Trimethylbenzene	(ug/kg)	3600	47000	6.96 U	1.9 J	1.6 J	2.0 J
1,2-Dibromo-3-chloropropane	(ug/kg)			NA	NA	NA	NA
1,2-Dibromoethane	(ug/kg)			6.96 U	5.25 U	5.7 U	5.15 U
1,2-Dichlorobenzene	(ug/kg)	1100	100000	6.96 U	5.25 U	5.7 U	5.15 U
1,2-Dichloroethane	(ug/kg)	20	2300	6.96 U	5.25 U	5.7 U	5.15 U
1,2-Dichloropropane	(ug/kg)			6.96 U	5.25 U	5.7 U	5.15 U
1,3,5-Trimethylbenzene	(ug/kg)	8400	47000	6.96 U	3.4 J	2.8 J	3.5 J
1,3-Dichlorobenzene	(ug/kg)	2400	17000	6.96 U	5.25 U	5.7 U	5.15 U
1,3-Dichloropropane	(ug/kg)			6.96 U	5.25 U	5.7 U	5.15 U
1,4-Dichlorobenzene	(ug/kg)	1800	9800	6.96 U	5.25 U	5.7 U	5.15 U
1,4-Dioxane	(ug/kg)	100	9800	NA	NA	NA	NA
2-Butanone	(ug/kg)	120	100000	6.96 U	5.25 U	5.7 U	5.15 U
2-Chlorotoluene	(ug/kg)			6.96 U	5.25 U	5.7 U	5.15 U
2-Hexanone	(ug/kg)			NA	NA	NA	NA
2-Nitropropane	(ug/kg)			6.96 U	5.25 U	5.7 U	5.15 U
4-Chlorotoluene	(ug/kg)			6.96 U	5.25 U	5.7 U	5.15 U
4-Methyl-2-Pentanone	(ug/kg)			6.96 U	5.25 U	5.7 U	5.15 U

See the Endnotes following the last page of this Table.

Table 2
 Soil Analytical Results
 Volatile Organic Compounds (VOCs)
 Bluestone Jamaica I, LLC
 90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/15/2012 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE	6NYCRR PART 375		SB-05	SB-05	SB-06	SB-06
	LAB SAMPLE ID	6NYCRR PART 375	6NYCRR PART 375	0806007_3	0806007_10	0806007_6	0806007_7
	DATE	Unrestricted	AND CP-51	06/09/2008	06/09/2008	06/09/2008	06/09/2008
	RESULT TYPE	SCO	RESIDENTIAL	Primary	Primary	Primary	Primary
Acetone	(ug/kg)	50	100000	33.64 U	26.25 U	28.5 U	25.75 U
Acrylonitrile	(ug/kg)			6.96 U	5.25 U	5.7 U	5.15 U
Allyl chloride	(ug/kg)			6.96 U	5.25 U	5.7 U	5.15 U
Benzene	(ug/kg)	60	2900	6.96 U	5.25 U	5.7 U	5.15 U
Bromobenzene	(ug/kg)			6.96 U	5.25 U	5.7 U	5.15 U
Bromochloromethane	(ug/kg)			6.96 U	5.25 U	5.7 U	5.15 U
Bromodichloromethane	(ug/kg)			6.96 U	5.25 U	5.7 U	5.15 U
Bromoform	(ug/kg)			6.96 U	5.25 U	5.7 U	5.15 U
Bromomethane	(ug/kg)			6.96 U	5.25 U	5.7 U	5.15 U
Carbon Disulfide	(ug/kg)		100000	6.96 U	5.25 U	5.7 U	5.15 U
Carbon Tetrachloride	(ug/kg)	760	1400	6.96 U	5.25 U	5.7 U	5.15 U
Chlorobenzene	(ug/kg)	1100	100000	6.96 U	5.25 U	5.7 U	5.15 U
Chlorodifluoromethane	(ug/kg)			33.64 U	26.25 U	28.5 U	25.75 U
Chloroethane	(ug/kg)			6.96 U	5.25 U	5.7 U	5.15 U
Chloroform	(ug/kg)	370	10000	6.96 U	5.25 U	5.7 U	5.15 U
Chloromethane	(ug/kg)			6.96 U	5.25 U	5.7 U	5.15 U
Chloroprene	(ug/kg)			6.96 U	5.25 U	5.7 U	5.15 U
cis-1,2-Dichloroethene	(ug/kg)	250	59000	6.96 U	5.25 U	5.7 U	5.15 U
cis-1,3-Dichloropropene	(ug/kg)			6.96 U	5.25 U	5.7 U	5.15 U
Cyclohexane	(ug/kg)			NA	NA	NA	NA
Dibromochloromethane	(ug/kg)			6.96 U	5.25 U	5.7 U	5.15 U
Dibromomethane	(ug/kg)			6.96 U	5.25 U	5.7 U	5.15 U
Dichlorodifluoromethane	(ug/kg)			6.96 U	5.25 U	5.7 U	5.15 U
Diethyl ether	(ug/kg)			6.96 U	5.25 U	5.7 U	5.15 U
Ethanol	(ug/kg)			290 U	262.5 U	285 U	257.5 U
Ethylbenzene	(ug/kg)	1000	30000	6.96 U	5.25 U	5.7 U	5.15 U
Freon 113	(ug/kg)		100000	6.96 U	5.25 U	5.7 U	5.15 U
Hexachlorobutadiene	(ug/kg)			6.96 U	5.25 U	5.7 U	5.15 U
Isopropyl Ether	(ug/kg)			6.96 U	5.25 U	5.7 U	5.15 U

See the Endnotes following the last page of this Table.

Table 2
Soil Analytical Results
Volatile Organic Compounds (VOCs)
Bluestone Jamaica I, LLC
90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/15/2012 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE		SB-05	SB-05	SB-06	SB-06	
	LAB SAMPLE ID	6NYCRR PART 375	6NYCRR PART 375	0806007_3	0806007_10	0806007_6	0806007_7
	DATE	Unrestricted	AND CP-51	06/09/2008	06/09/2008	06/09/2008	06/09/2008
	RESULT TYPE	SCO	RESIDENTIAL	Primary	Primary	Primary	Primary
Isopropylbenzene	(ug/kg)		100000	6.96 U	5.25 U	5.7 U	5.15 U
m+p-Xylene	(ug/kg)			6.96 U	5.25 U	5.7 U	5.15 U
Methacrylonitrile	(ug/kg)			6.96 U	5.25 U	5.7 U	5.15 U
Methyl Acetate	(ug/kg)			NA	NA	NA	NA
Methyl acrylate	(ug/kg)			6.96 U	5.25 U	5.7 U	5.15 U
Methyl Cyclohexane	(ug/kg)			NA	NA	NA	NA
Methyl Tertiary Butyl Ether	(ug/kg)	930	62000	6.96 U	5.25 U	5.7 U	5.15 U
Methylene Chloride	(ug/kg)	50	51000	6.96 U	5.25 U	5.7 U	5.15 U
Naphthalene	(ug/kg)	12000	100000	6.96 U	0.96 J	1.3 J	0.94 J
n-Butylbenzene	(ug/kg)	12000	100000	6.96 U	5.25 U	5.7 U	5.15 U
n-Propylbenzene	(ug/kg)	3900	100000	6.96 U	0.42 J	0.39 J	0.48 J
o-Xylene	(ug/kg)			6.96 U	5.25 U	5.7 U	5.15 U
p-Isopropyltoluene	(ug/kg)			6.96 U	5.25 U	5.7 U	5.15 U
sec-Butylbenzene	(ug/kg)	11000	100000	6.96 U	5.25 U	5.7 U	5.15 U
Styrene	(ug/kg)			6.96 U	5.25 U	5.7 U	5.15 U
tert-amyl alcohol	(ug/kg)			6.96 U	5.25 U	5.7 U	5.15 U
tert-Amyl methyl ether	(ug/kg)			6.96 U	5.25 U	5.7 U	5.15 U
tert-Buthyl ethyl ether	(ug/kg)			6.96 U	5.25 U	5.7 U	5.15 U
tert-Butylbenzene	(ug/kg)	5900	100000	6.96 U	5.25 U	5.7 U	5.15 U
Tertiary Butyl Alcohol	(ug/kg)			6.96 U	5.25 U	5.7 U	5.15 U
Tetrachloroethene	(ug/kg)	1300	5500	6.96 U	5.25 U	5.7 U	5.15 U
Toluene	(ug/kg)	700	100000	6.96 U	5.25 U	5.7 U	5.15 U
trans-1,2-Dichloroethene	(ug/kg)	190	100000	6.96 U	5.25 U	5.7 U	5.15 U
trans-1,3-Dichloropropene	(ug/kg)			NA	NA	NA	NA
Trichloroethene	(ug/kg)	470	10000	6.96 U	5.25 U	5.7 U	5.15 U
Trichlorofluoromethane	(ug/kg)			6.96 U	5.25 U	5.7 U	5.15 U
Vinyl Acetate	(ug/kg)			6.96 U	5.25 U	5.7 U	5.15 U
Vinyl chloride	(ug/kg)	20	210	6.96 U	5.25 U	5.7 U	5.15 U
Xylene (total)	(ug/kg)	260	100000	NA	NA	NA	NA

See the Endnotes following the last page of this Table.

Table 2
 Soil Analytical Results
 Volatile Organic Compounds (VOCs)
 Bluestone Jamaica I, LLC
 90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/15/2012 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE		SB-07	SB-08	SB-09	SB-09	
	LAB SAMPLE ID	6NYCRR PART 375	6NYCRR PART 375	JB9125-5	JB9125-6	JB9125-12	JB9125-11
	DATE	Unrestricted	AND CP-51	06/15/2012	06/15/2012	06/15/2012	06/15/2012
	RESULT TYPE	SCO	RESIDENTIAL	Primary	Primary	Primary	Duplicate 1
Starting Depth	(feet)			13.00	13.00	13.00	13.00
Ending Depth	(feet)			15.00	16.00	15.00	15.00
1,1,1,2-Tetrachloroethane	(ug/kg)			NA	NA	NA	NA
1,1,1-Trichloroethane	(ug/kg)	680	100000	6.0 U	6.1 U	6.2 U	6.2 U
1,1,2,2-Tetrachloroethane	(ug/kg)		35000	6.0 U	6.1 U	6.2 U	6.2 U
1,1,2-Trichloroethane	(ug/kg)			6.0 U	6.1 U	6.2 U	6.2 U
1,1-Dichloroethane	(ug/kg)	270	19000	6.0 U	6.1 U	6.2 U	6.2 U
1,1-Dichloroethene	(ug/kg)	330	100000	6.0 U	6.1 U	6.2 U	6.2 U
1,1-Dichloropropene	(ug/kg)			NA	NA	NA	NA
1,2,3-Trichlorobenzene	(ug/kg)			6.0 U	6.1 U	6.2 U	6.2 U
1,2,3-Trichloropropane	(ug/kg)		80000	NA	NA	NA	NA
1,2,4-Trichlorobenzene	(ug/kg)			6.0 U	6.1 U	6.2 U	6.2 U
1,2,4-Trimethylbenzene	(ug/kg)	3600	47000	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	(ug/kg)			12 U	12 U	12 U	12 U
1,2-Dibromoethane	(ug/kg)			1.2 U	1.2 U	1.2 U	1.2 U
1,2-Dichlorobenzene	(ug/kg)	1100	100000	6.0 U	6.1 U	6.2 U	6.2 U
1,2-Dichloroethane	(ug/kg)	20	2300	1.2 U	1.2 U	1.2 U	1.2 U
1,2-Dichloropropane	(ug/kg)			6.0 U	6.1 U	6.2 U	6.2 U
1,3,5-Trimethylbenzene	(ug/kg)	8400	47000	NA	NA	NA	NA
1,3-Dichlorobenzene	(ug/kg)	2400	17000	6.0 U	6.1 U	6.2 U	6.2 U
1,3-Dichloropropane	(ug/kg)			NA	NA	NA	NA
1,4-Dichlorobenzene	(ug/kg)	1800	9800	6.0 U	6.1 U	6.2 U	6.2 U
1,4-Dioxane	(ug/kg)	100	9800	150 U	150 U	150 U	160 U
2-Butanone	(ug/kg)	120	100000	12 U	12 U	12 U	12 U
2-Chlorotoluene	(ug/kg)			NA	NA	NA	NA
2-Hexanone	(ug/kg)			6.0 U	6.1 U	6.2 U	6.2 U
2-Nitropropane	(ug/kg)			NA	NA	NA	NA
4-Chlorotoluene	(ug/kg)			NA	NA	NA	NA
4-Methyl-2-Pentanone	(ug/kg)			6.0 U	6.1 U	6.2 U	6.2 U

See the Endnotes following the last page of this Table.

Table 2
 Soil Analytical Results
 Volatile Organic Compounds (VOCs)
 Bluestone Jamaica I, LLC
 90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/15/2012 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE		SB-07		SB-08		SB-09	
	LAB SAMPLE ID	6NYCRR PART 375	6NYCRR PART 375	JB9125-5	JB9125-6	JB9125-12	JB9125-11	
	DATE	Unrestricted	AND CP-51	06/15/2012	06/15/2012	06/15/2012	06/15/2012	
	RESULT TYPE	SCO	RESIDENTIAL	Primary	Primary	Primary	Duplicate 1	
Acetone	(ug/kg)	50	100000	10.6 J	13.0	19.3	18.9	
Acrylonitrile	(ug/kg)			NA	NA	NA	NA	
Allyl chloride	(ug/kg)			NA	NA	NA	NA	
Benzene	(ug/kg)	60	2900	1.2 U	1.2 U	1.2 U	1.2 U	
Bromobenzene	(ug/kg)			NA	NA	NA	NA	
Bromochloromethane	(ug/kg)			6.0 U	6.1 U	6.2 U	6.2 U	
Bromodichloromethane	(ug/kg)			6.0 U	6.1 U	6.2 U	6.2 U	
Bromoform	(ug/kg)			6.0 U	6.1 U	6.2 U	6.2 U	
Bromomethane	(ug/kg)			6.0 U	6.1 U	6.2 U	6.2 U	
Carbon Disulfide	(ug/kg)		100000	6.0 U	6.1 U	6.2 U	6.2 U	
Carbon Tetrachloride	(ug/kg)	760	1400	6.0 U	6.1 U	6.2 U	6.2 U	
Chlorobenzene	(ug/kg)	1100	100000	6.0 U	6.1 U	6.2 U	6.2 U	
Chlorodifluoromethane	(ug/kg)			NA	NA	NA	NA	
Chloroethane	(ug/kg)			6.0 U	6.1 U	6.2 U	6.2 U	
Chloroform	(ug/kg)	370	10000	6.0 U	6.1 U	6.2 U	6.2 U	
Chloromethane	(ug/kg)			6.0 U	6.1 U	6.2 U	6.2 U	
Chloroprene	(ug/kg)			NA	NA	NA	NA	
cis-1,2-Dichloroethene	(ug/kg)	250	59000	6.0 U	6.1 U	6.2 U	6.2 U	
cis-1,3-Dichloropropene	(ug/kg)			6.0 U	6.1 U	6.2 U	6.2 U	
Cyclohexane	(ug/kg)			6.0 U	6.1 U	6.2 U	6.2 U	
Dibromochloromethane	(ug/kg)			6.0 U	6.1 U	6.2 U	6.2 U	
Dibromomethane	(ug/kg)			NA	NA	NA	NA	
Dichlorodifluoromethane	(ug/kg)			6.0 U	6.1 U	6.2 U	6.2 U	
Diethyl ether	(ug/kg)			NA	NA	NA	NA	
Ethanol	(ug/kg)			NA	NA	NA	NA	
Ethylbenzene	(ug/kg)	1000	30000	1.2 U	1.2 U	1.2 U	1.2 U	
Freon 113	(ug/kg)		100000	6.0 U	6.1 U	6.2 U	6.2 U	
Hexachlorobutadiene	(ug/kg)			NA	NA	NA	NA	
Isopropyl Ether	(ug/kg)			NA	NA	NA	NA	

See the Endnotes following the last page of this Table.

Table 2
 Soil Analytical Results
 Volatile Organic Compounds (VOCs)
 Bluestone Jamaica I, LLC
 90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/15/2012 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE		SB-07		SB-08		SB-09	
	LAB SAMPLE ID	6NYCRR PART 375	6NYCRR PART 375	JB9125-5	JB9125-6	JB9125-12	JB9125-11	
	DATE	Unrestricted	AND CP-51	06/15/2012	06/15/2012	06/15/2012	06/15/2012	
	RESULT TYPE	SCO	RESIDENTIAL	Primary	Primary	Primary	Duplicate 1	
Isopropylbenzene	(ug/kg)		100000	6.0 U	6.1 U	6.2 U	6.2 U	
m+p-Xylene	(ug/kg)			1.2 U	1.2 U	1.2 U	1.2 U	
Methacrylonitrile	(ug/kg)			NA	NA	NA	NA	
Methyl Acetate	(ug/kg)			6.0 U	6.1 U	6.2 U	6.2 U	
Methyl acrylate	(ug/kg)			NA	NA	NA	NA	
Methyl Cyclohexane	(ug/kg)			6.0 U	6.1 U	6.2 U	6.2 U	
Methyl Tertiary Butyl Ether	(ug/kg)	930	62000	1.2 U	1.2 U	1.2 U	1.2 U	
Methylene Chloride	(ug/kg)	50	51000	6.0 U	6.1 U	6.2 U	6.2 U	
Naphthalene	(ug/kg)	12000	100000	NA	NA	NA	NA	
n-Butylbenzene	(ug/kg)	12000	100000	NA	NA	NA	NA	
n-Propylbenzene	(ug/kg)	3900	100000	NA	NA	NA	NA	
o-Xylene	(ug/kg)			1.2 U	1.2 U	1.2 U	1.2 U	
p-Isopropyltoluene	(ug/kg)			NA	NA	NA	NA	
sec-Butylbenzene	(ug/kg)	11000	100000	NA	NA	NA	NA	
Styrene	(ug/kg)			6.0 U	6.1 U	6.2 U	6.2 U	
tert-amyl alcohol	(ug/kg)			NA	NA	NA	NA	
tert-Amyl methyl ether	(ug/kg)			NA	NA	NA	NA	
tert-Buthyl ethyl ether	(ug/kg)			NA	NA	NA	NA	
tert-Butylbenzene	(ug/kg)	5900	100000	NA	NA	NA	NA	
Tertiary Butyl Alcohol	(ug/kg)			NA	NA	NA	NA	
Tetrachloroethene	(ug/kg)	1300	5500	6.0 U	6.1 U	6.2 U	6.2 U	
Toluene	(ug/kg)	700	100000	1.2 U	1.2 U	1.2 U	1.2 U	
trans-1,2-Dichloroethene	(ug/kg)	190	100000	6.0 U	6.1 U	6.2 U	6.2 U	
trans-1,3-Dichloropropene	(ug/kg)			6.0 U	6.1 U	6.2 U	6.2 U	
Trichloroethene	(ug/kg)	470	10000	6.0 U	6.1 U	6.2 U	6.2 U	
Trichlorofluoromethane	(ug/kg)			6.0 U	6.1 U	6.2 U	6.2 U	
Vinyl Acetate	(ug/kg)			NA	NA	NA	NA	
Vinyl chloride	(ug/kg)	20	210	6.0 U	6.1 U	6.2 U	6.2 U	
Xylene (total)	(ug/kg)	260	100000	1.2 U	1.2 U	1.2 U	1.2 U	

See the Endnotes following the last page of this Table.

Table 2
 Soil Analytical Results
 Volatile Organic Compounds (VOCs)
 Bluestone Jamaica I, LLC
 90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/15/2012 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE		SB-10		SB-11	SB-12
	LAB SAMPLE ID	6NYCRR PART 375	6NYCRR PART 375	JB9125-7	JB9125-8	JB9125-9
	DATE	Unrestricted	AND CP-51	06/15/2012	06/15/2012	06/15/2012
	RESULT TYPE	SCO	RESIDENTIAL	Primary	Primary	Primary
Starting Depth	(feet)			13.00	13.00	13.00
Ending Depth	(feet)			15.00	15.00	15.00
1,1,1,2-Tetrachloroethane	(ug/kg)			NA	NA	NA
1,1,1-Trichloroethane	(ug/kg)	680	100000	5.4 U	5.3 U	5.6 U
1,1,2,2-Tetrachloroethane	(ug/kg)		35000	5.4 U	5.3 U	5.6 U
1,1,2-Trichloroethane	(ug/kg)			5.4 U	5.3 U	5.6 U
1,1-Dichloroethane	(ug/kg)	270	19000	5.4 U	5.3 U	5.6 U
1,1-Dichloroethene	(ug/kg)	330	100000	5.4 U	5.3 U	5.6 U
1,1-Dichloropropene	(ug/kg)			NA	NA	NA
1,2,3-Trichlorobenzene	(ug/kg)			5.4 U	5.3 U	5.6 U
1,2,3-Trichloropropane	(ug/kg)		80000	NA	NA	NA
1,2,4-Trichlorobenzene	(ug/kg)			5.4 U	5.3 U	5.6 U
1,2,4-Trimethylbenzene	(ug/kg)	3600	47000	NA	NA	NA
1,2-Dibromo-3-chloropropane	(ug/kg)			11 U	11 U	11 U
1,2-Dibromoethane	(ug/kg)			1.1 U	1.1 U	1.1 U
1,2-Dichlorobenzene	(ug/kg)	1100	100000	5.4 U	5.3 U	5.6 U
1,2-Dichloroethane	(ug/kg)	20	2300	1.1 U	1.1 U	1.1 U
1,2-Dichloropropane	(ug/kg)			5.4 U	5.3 U	5.6 U
1,3,5-Trimethylbenzene	(ug/kg)	8400	47000	NA	NA	NA
1,3-Dichlorobenzene	(ug/kg)	2400	17000	5.4 U	5.3 U	5.6 U
1,3-Dichloropropane	(ug/kg)			NA	NA	NA
1,4-Dichlorobenzene	(ug/kg)	1800	9800	5.4 U	5.3 U	5.6 U
1,4-Dioxane	(ug/kg)	100	9800	140 U	130 U	140 U
2-Butanone	(ug/kg)	120	100000	11 U	11 U	11 U
2-Chlorotoluene	(ug/kg)			NA	NA	NA
2-Hexanone	(ug/kg)			5.4 U	5.3 U	5.6 U
2-Nitropropane	(ug/kg)			NA	NA	NA
4-Chlorotoluene	(ug/kg)			NA	NA	NA
4-Methyl-2-Pentanone	(ug/kg)			5.4 U	5.3 U	5.6 U

See the Endnotes following the last page of this Table.

Table 2
 Soil Analytical Results
 Volatile Organic Compounds (VOCs)
 Bluestone Jamaica I, LLC
 90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/15/2012 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE	6NYCRR PART 375		SB-10	SB-11	SB-12
	LAB SAMPLE ID	6NYCRR PART 375	6NYCRR PART 375	JB9125-7	JB9125-8	JB9125-9
	DATE	Unrestricted	AND CP-51	06/15/2012	06/15/2012	06/15/2012
	RESULT TYPE	SCO	RESIDENTIAL	Primary	Primary	Primary
Acetone	(ug/kg)	50	100000	15.6	8.3 J	18.9
Acrylonitrile	(ug/kg)			NA	NA	NA
Allyl chloride	(ug/kg)			NA	NA	NA
Benzene	(ug/kg)	60	2900	1.1 U	1.1 U	1.1 U
Bromobenzene	(ug/kg)			NA	NA	NA
Bromochloromethane	(ug/kg)			5.4 U	5.3 U	5.6 U
Bromodichloromethane	(ug/kg)			5.4 U	5.3 U	5.6 U
Bromoform	(ug/kg)			5.4 U	5.3 U	5.6 U
Bromomethane	(ug/kg)			5.4 U	5.3 U	5.6 U
Carbon Disulfide	(ug/kg)		100000	5.4 U	5.3 U	5.6 U
Carbon Tetrachloride	(ug/kg)	760	1400	5.4 U	5.3 U	5.6 U
Chlorobenzene	(ug/kg)	1100	100000	5.4 U	5.3 U	5.6 U
Chlorodifluoromethane	(ug/kg)			NA	NA	NA
Chloroethane	(ug/kg)			5.4 U	5.3 U	5.6 U
Chloroform	(ug/kg)	370	10000	5.4 U	5.3 U	5.6 U
Chloromethane	(ug/kg)			5.4 U	5.3 U	5.6 U
Chloroprene	(ug/kg)			NA	NA	NA
cis-1,2-Dichloroethene	(ug/kg)	250	59000	5.4 U	5.3 U	5.6 U
cis-1,3-Dichloropropene	(ug/kg)			5.4 U	5.3 U	5.6 U
Cyclohexane	(ug/kg)			5.4 U	5.3 U	5.6 U
Dibromochloromethane	(ug/kg)			5.4 U	5.3 U	5.6 U
Dibromomethane	(ug/kg)			NA	NA	NA
Dichlorodifluoromethane	(ug/kg)			5.4 U	5.3 U	5.6 U
Diethyl ether	(ug/kg)			NA	NA	NA
Ethanol	(ug/kg)			NA	NA	NA
Ethylbenzene	(ug/kg)	1000	30000	1.1 U	1.1 U	1.1 U
Freon 113	(ug/kg)		100000	5.4 U	5.3 U	5.6 U
Hexachlorobutadiene	(ug/kg)			NA	NA	NA
Isopropyl Ether	(ug/kg)			NA	NA	NA

See the Endnotes following the last page of this Table.

Table 2
 Soil Analytical Results
 Volatile Organic Compounds (VOCs)
 Bluestone Jamaica I, LLC
 90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/15/2012 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE		SB-10		SB-11	SB-12
	LAB SAMPLE ID	6NYCRR PART 375	6NYCRR PART 375	JB9125-7	JB9125-8	JB9125-9
	DATE	Unrestricted	AND CP-51	06/15/2012	06/15/2012	06/15/2012
	RESULT TYPE	SCO	RESIDENTIAL	Primary	Primary	Primary
Isopropylbenzene	(ug/kg)		100000	5.4 U	5.3 U	5.6 U
m+p-Xylene	(ug/kg)			1.1 U	1.1 U	1.1 U
Methacrylonitrile	(ug/kg)			NA	NA	NA
Methyl Acetate	(ug/kg)			5.4 U	5.3 U	5.6 U
Methyl acrylate	(ug/kg)			NA	NA	NA
Methyl Cyclohexane	(ug/kg)			5.4 U	5.3 U	5.6 U
Methyl Tertiary Butyl Ether	(ug/kg)	930	62000	1.1 U	1.1 U	1.1 U
Methylene Chloride	(ug/kg)	50	51000	5.4 U	5.3 U	6.8
Naphthalene	(ug/kg)	12000	100000	NA	NA	NA
n-Butylbenzene	(ug/kg)	12000	100000	NA	NA	NA
n-Propylbenzene	(ug/kg)	3900	100000	NA	NA	NA
o-Xylene	(ug/kg)			1.1 U	1.1 U	1.1 U
p-Isopropyltoluene	(ug/kg)			NA	NA	NA
sec-Butylbenzene	(ug/kg)	11000	100000	NA	NA	NA
Styrene	(ug/kg)			5.4 U	5.3 U	5.6 U
tert-amyl alcohol	(ug/kg)			NA	NA	NA
tert-Amyl methyl ether	(ug/kg)			NA	NA	NA
tert-Buthyl ethyl ether	(ug/kg)			NA	NA	NA
tert-Butylbenzene	(ug/kg)	5900	100000	NA	NA	NA
Tertiary Butyl Alcohol	(ug/kg)			NA	NA	NA
Tetrachloroethene	(ug/kg)	1300	5500	5.4 U	5.3 U	5.6 U
Toluene	(ug/kg)	700	100000	1.1 U	1.1 U	1.1 U
trans-1,2-Dichloroethene	(ug/kg)	190	100000	5.4 U	5.3 U	5.6 U
trans-1,3-Dichloropropene	(ug/kg)			5.4 U	5.3 U	5.6 U
Trichloroethene	(ug/kg)	470	10000	5.4 U	5.3 U	5.6 U
Trichlorofluoromethane	(ug/kg)			5.4 U	5.3 U	5.6 U
Vinyl Acetate	(ug/kg)			NA	NA	NA
Vinyl chloride	(ug/kg)	20	210	5.4 U	5.3 U	5.6 U
Xylene (total)	(ug/kg)	260	100000	1.1 U	1.1 U	1.1 U

See the Endnotes following the last page of this Table.

Table 2
Soil Analytical Results
Volatile Organic Compounds (VOCs)
Bluestone Jamaica I, LLC
90-11 & 90-14 161st Street, Queens, New York

Notes:

- $\mu\text{g}/\text{kg}$ = micrograms per kilogram (parts per billion; ppb).
- All depth measurements are in feet (ft) below ground surface.
- 6NYCRR Part 375 Unrestricted SCO = New York State Department of Environmental Conservation (NYSDEC) Unrestricted Use Soil Cleanup Objective (SCO) as presented in Title 6 of the Official Compilation of New York Codes, Rules and Regulations (6 NYCRR) Subpart 375-6.8(b).
- 6NYCRR Part 375 AND CP-51 RESIDENTIAL = New York State Department of Environmental Conservation (NYSDEC) Restricted Soil Cleanup Objective (SCO) Residential as presented in Title 6 of the Official Compilation of New York Codes, Rules and Regulations (6 NYCRR) Subpart 375-6.8(b). Includes Final Commissioner Policy CP-51 / Soil Cleanup Guidance, October 21, 2010.
- Bracketed and highlighted values indicate a positive concentration that exceeds the lower of the two SCO.
- NA – Compound not analyzed for.

Qualifiers

no qualifier	The compound was positively identified at the associated numerical value which is the concentration of the compound in the sample.
U	Non-Detect. The compound was analyzed for, but not detected. The associated numerical value is the reporting limit. The value is usable as a non-detect at the reporting limit.
J	Estimated value. The compound was detected at a concentration below the reporting limit but greater than the method detection limit (MDL). The value is usable as an estimated result.

Table 3
 Soil Analytical Results
 Semivolatile Organic Compounds (SVOCs)
 Bluestone Jamaica I, LLC
 90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/15/2012 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE		SB-01		SB-01		SB-02	
	LAB SAMPLE ID	6NYCRR PART 375	6NYCRR PART 375	0806007_1	0806007_13	0806007_4	0806007_11	
	DATE	Unrestricted	AND CP-51	06/09/2008	06/10/2008	06/09/2008	06/10/2008	
	RESULT TYPE	SCO	RESIDENTIAL	Primary	Primary	Primary	Primary	
Starting Depth	(feet)			0.00	38.00	0.00	39.00	
Ending Depth	(feet)			2.00	40.00	2.00	41.00	
1,2,4,5-Tetrachlorobenzene	(ug/kg)			NA	NA	NA	NA	
1,2,4-Trichlorobenzene	(ug/kg)			193.32 U	172.64 U	175.96 U	172.64 U	
1,2-Dichlorobenzene	(ug/kg)	1100	100000	193.32 U	172.64 U	175.96 U	172.64 U	
1,3-Dichlorobenzene	(ug/kg)	2400	17000	193.32 U	172.64 U	175.96 U	172.64 U	
1,4-Dichlorobenzene	(ug/kg)	1800	9800	193.32 U	172.64 U	175.96 U	172.64 U	
2,2'-oxybis(1-Chloropropane)	(ug/kg)			193.32 U	172.64 U	175.96 U	172.64 U	
2,3,4,6-Tetrachlorophenol	(ug/kg)			NA	NA	NA	NA	
2,4,5-Trichlorophenol	(ug/kg)		100000	193.32 U	172.64 U	175.96 U	172.64 U	
2,4,6-Trichlorophenol	(ug/kg)			193.32 U	172.64 U	175.96 U	172.64 U	
2,4-Dichlorophenol	(ug/kg)		100000	193.32 U	172.64 U	175.96 U	172.64 U	
2,4-Dimethylphenol	(ug/kg)			193.32 U	172.64 U	175.96 U	172.64 U	
2,4-Dinitrophenol	(ug/kg)		100000	193.32 U	172.64 U	175.96 U	172.64 U	
2,4-Dinitrotoluene	(ug/kg)			193.32 U	172.64 U	175.96 U	172.64 U	
2,6-Dinitrotoluene	(ug/kg)		1030	193.32 U	172.64 U	175.96 U	172.64 U	
2-Chloronaphthalene	(ug/kg)			193.32 U	172.64 U	175.96 U	172.64 U	
2-Chlorophenol	(ug/kg)		100000	193.32 U	172.64 U	175.96 U	172.64 U	
2-Methylnaphthalene	(ug/kg)		410	193.32 U	172.64 U	175.96 U	172.64 U	
3,3-Dichlorobenzidine	(ug/kg)			193.32 U	172.64 U	175.96 U	172.64 U	
4,6-Dinitro-o-cresol	(ug/kg)			193.32 U	172.64 U	175.96 U	172.64 U	
4-Bromophenyl phenyl ether	(ug/kg)			193.32 U	172.64 U	175.96 U	172.64 U	
4-Chlorophenyl phenyl ether	(ug/kg)			193.32 U	172.64 U	175.96 U	172.64 U	
Acenaphthene	(ug/kg)	20000	100000	193.32 U	172.64 U	175.96 U	172.64 U	
Acenaphthylene	(ug/kg)	100000	100000	193.32 U	172.64 U	175.96 U	172.64 U	
Acetophenone	(ug/kg)			NA	NA	NA	NA	
Anthracene	(ug/kg)	100000	100000	193.32 U	172.64 U	175.96 U	172.64 U	
Atrazine	(ug/kg)			NA	NA	NA	NA	
Benzaldehyde	(ug/kg)			NA	NA	NA	NA	

See the Endnotes following the last page of this Table.

Table 3
Soil Analytical Results
Semivolatile Organic Compounds (SVOCs)
Bluestone Jamaica I, LLC
90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/15/2012 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE	6NYCRR PART 375		SB-01	SB-01	SB-02	SB-02
	LAB SAMPLE ID	6NYCRR PART 375	6NYCRR PART 375	0806007_1	0806007_13	0806007_4	0806007_11
	DATE	Unrestricted	AND CP-51	06/09/2008	06/10/2008	06/09/2008	06/10/2008
	RESULT TYPE	SCO	RESIDENTIAL	Primary	Primary	Primary	Primary
Benzo(a)anthracene	(ug/kg)	1000	1000	193.32 U	172.64 U	175.96 U	172.64 U
Benzo(a)pyrene	(ug/kg)	1000	1000	193.32 U	172.64 U	175.96 U	172.64 U
Benzo(b)fluoranthene	(ug/kg)	1000	1000	193.32 U	172.64 U	175.96 U	172.64 U
Benzo(ghi)perylene	(ug/kg)	100000	100000	193.32 U	172.64 U	175.96 U	172.64 U
Benzo(k)fluoranthene	(ug/kg)	800	1000	193.32 U	172.64 U	175.96 U	172.64 U
Biphenyl	(ug/kg)			NA	NA	NA	NA
Bis(2-chloroethoxy)methane	(ug/kg)			193.32 U	172.64 U	175.96 U	172.64 U
Bis(2-chloroethyl)ether	(ug/kg)			193.32 U	172.64 U	175.96 U	172.64 U
Bis(2-chloroisopropyl)ether	(ug/kg)			NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate (BEHP)	(ug/kg)		50000	1166.4 U	1040 U	1060 U	1040 U
Butyl benzyl phthalate	(ug/kg)		100000	193.32 U	172.64 U	175.96 U	172.64 U
Caprolactam	(ug/kg)			NA	NA	NA	NA
Carbazole	(ug/kg)			NA	NA	NA	NA
Chrysene	(ug/kg)	1000	1000	193.32 U	172.64 U	175.96 U	172.64 U
Dibenzo(a,h)anthracene	(ug/kg)	330	330	193.32 U	172.64 U	175.96 U	172.64 U
Dibenzofuran	(ug/kg)	7000	14000	193.32 U	172.64 U	175.96 U	172.64 U
Diethyl phthalate	(ug/kg)		100000	193.32 U	172.64 U	175.96 U	172.64 U
Dimethyl phthalate	(ug/kg)		100000	193.32 U	172.64 U	175.96 U	172.64 U
Di-n-butyl phthalate	(ug/kg)		100000	1166.4 U	1040 U	1060 U	1040 U
Di-n-octyl phthalate	(ug/kg)		100000	193.32 U	172.64 U	175.96 U	172.64 U
Fluoranthene	(ug/kg)	100000	100000	193.32 U	172.64 U	175.96 U	172.64 U
Fluorene	(ug/kg)	30000	100000	193.32 U	172.64 U	175.96 U	172.64 U
Hexachlorobenzene	(ug/kg)	330	410	193.32 U	172.64 U	175.96 U	172.64 U
Hexachlorobutadiene	(ug/kg)			193.32 U	172.64 U	175.96 U	172.64 U
Hexachlorocyclopentadiene	(ug/kg)			233.28 U	208 U	212 U	208 U
Hexachloroethane	(ug/kg)			193.32 U	172.64 U	175.96 U	172.64 U
Indeno(1,2,3-cd)pyrene	(ug/kg)	500	500	193.32 U	172.64 U	175.96 U	172.64 U
Isophorone	(ug/kg)		100000	193.32 U	172.64 U	175.96 U	172.64 U
m+p-Cresol	(ug/kg)			NA	NA	NA	NA

See the Endnotes following the last page of this Table.

Table 3
 Soil Analytical Results
 Semivolatile Organic Compounds (SVOCs)
 Bluestone Jamaica I, LLC
 90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/15/2012 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE	6NYCRR PART 375		SB-01	SB-01	SB-02	SB-02
	LAB SAMPLE ID	6NYCRR PART 375	6NYCRR PART 375	0806007_1	0806007_13	0806007_4	0806007_11
	DATE	Unrestricted	AND CP-51	06/09/2008	06/10/2008	06/09/2008	06/10/2008
	RESULT TYPE	SCO	RESIDENTIAL	Primary	Primary	Primary	Primary
m-Nitroaniline	(ug/kg)			193.32 U	172.64 U	175.96 U	172.64 U
Naphthalene	(ug/kg)	12000	100000	193.32 U	172.64 U	175.96 U	172.64 U
Nitrobenzene	(ug/kg)		3700	193.32 U	172.64 U	175.96 U	172.64 U
N-Nitrosodiphenylamine	(ug/kg)			193.32 U	172.64 U	175.96 U	172.64 U
N-Nitrosodipropylamine	(ug/kg)			193.32 U	172.64 U	175.96 U	172.64 U
o-Cresol	(ug/kg)	330	100000	193.32 U	172.64 U	175.96 U	172.64 U
o-Nitroaniline	(ug/kg)			193.32 U	172.64 U	175.96 U	172.64 U
o-Nitrophenol	(ug/kg)			193.32 U	172.64 U	175.96 U	172.64 U
p-Chloroaniline	(ug/kg)		100000	193.32 U	172.64 U	175.96 U	172.64 U
p-Chloro-m-cresol	(ug/kg)			193.32 U	172.64 U	175.96 U	172.64 U
p-Cresol	(ug/kg)	330	34000	193.32 U	172.64 U	175.96 U	172.64 U
Pentachlorophenol	(ug/kg)	800	2400	193.32 U	172.64 U	175.96 U	172.64 U
Phenanthrene	(ug/kg)	100000	100000	193.32 U	172.64 U	175.96 U	172.64 U
Phenol	(ug/kg)	330	100000	193.32 U	172.64 U	175.96 U	172.64 U
p-Nitroaniline	(ug/kg)			193.32 U	172.64 U	175.96 U	172.64 U
p-Nitrophenol	(ug/kg)			193.32 U	172.64 U	175.96 U	172.64 U
Pyrene	(ug/kg)	100000	100000	193.32 U	172.64 U	559.68	172.64 U

See the Endnotes following the last page of this Table.

Table 3
 Soil Analytical Results
 Semivolatile Organic Compounds (SVOCs)
 Bluestone Jamaica I, LLC
 90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/15/2012 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE		SB-03		SB-03		SB-04	
	LAB SAMPLE ID	6NYCRR PART 375	6NYCRR PART 375	0806007_5	0806007_9	0806007_2	0806007_12	
	DATE	Unrestricted	AND CP-51	06/09/2008	06/09/2008	06/09/2008	06/10/2008	
	RESULT TYPE	SCO	RESIDENTIAL	Primary	Primary	Primary	Primary	
Starting Depth	(feet)			0.00	38.00	0.00	38.00	
Ending Depth	(feet)			2.00	40.00	2.00	40.00	
1,2,4,5-Tetrachlorobenzene	(ug/kg)			NA	NA	NA	NA	
1,2,4-Trichlorobenzene	(ug/kg)			190.9 U	172.64 U	192.56 U	172.64 U	
1,2-Dichlorobenzene	(ug/kg)	1100	100000	190.9 U	172.64 U	192.56 U	172.64 U	
1,3-Dichlorobenzene	(ug/kg)	2400	17000	190.9 U	172.64 U	192.56 U	172.64 U	
1,4-Dichlorobenzene	(ug/kg)	1800	9800	190.9 U	172.64 U	223.88 U	172.64 U	
2,2'-oxybis(1-Chloropropane)	(ug/kg)			190.9 U	172.64 U	192.56 U	172.64 U	
2,3,4,6-Tetrachlorophenol	(ug/kg)			NA	NA	NA	NA	
2,4,5-Trichlorophenol	(ug/kg)		100000	190.9 U	172.64 U	192.56 U	172.64 U	
2,4,6-Trichlorophenol	(ug/kg)			190.9 U	172.64 U	192.56 U	172.64 U	
2,4-Dichlorophenol	(ug/kg)		100000	190.9 U	172.64 U	192.56 U	172.64 U	
2,4-Dimethylphenol	(ug/kg)			190.9 U	172.64 U	223.88 U	172.64 U	
2,4-Dinitrophenol	(ug/kg)		100000	190.9 U	172.64 U	192.56 U	172.64 U	
2,4-Dinitrotoluene	(ug/kg)			190.9 U	172.64 U	192.56 U	172.64 U	
2,6-Dinitrotoluene	(ug/kg)		1030	190.9 U	172.64 U	192.56 U	172.64 U	
2-Chloronaphthalene	(ug/kg)			190.9 U	172.64 U	192.56 U	172.64 U	
2-Chlorophenol	(ug/kg)		100000	190.9 U	172.64 U	192.56 U	172.64 U	
2-Methylnaphthalene	(ug/kg)		410	190.9 U	172.64 U	192.56 U	172.64 U	
3,3-Dichlorobenzidine	(ug/kg)			190.9 U	172.64 U	192.56 U	172.64 U	
4,6-Dinitro-o-cresol	(ug/kg)			190.9 U	172.64 U	192.56 U	172.64 U	
4-Bromophenyl phenyl ether	(ug/kg)			190.9 U	172.64 U	223.88 U	172.64 U	
4-Chlorophenyl phenyl ether	(ug/kg)			190.9 U	172.64 U	192.56 U	172.64 U	
Acenaphthene	(ug/kg)	20000	100000	190.9 U	172.64 U	192.56 U	172.64 U	
Acenaphthylene	(ug/kg)	100000	100000	190.9 U	172.64 U	192.56 U	172.64 U	
Acetophenone	(ug/kg)			NA	NA	NA	NA	
Anthracene	(ug/kg)	100000	100000	190.9 U	172.64 U	192.56 U	172.64 U	
Atrazine	(ug/kg)			NA	NA	NA	NA	
Benzaldehyde	(ug/kg)			NA	NA	NA	NA	

See the Endnotes following the last page of this Table.

Table 3
 Soil Analytical Results
 Semivolatile Organic Compounds (SVOCs)
 Bluestone Jamaica I, LLC
 90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/15/2012 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE	6NYCRR PART 375		SB-03	SB-03	SB-04	SB-04
	LAB SAMPLE ID	6NYCRR PART 375	6NYCRR PART 375	0806007_5	0806007_9	0806007_2	0806007_12
	DATE	Unrestricted	AND CP-51	06/09/2008	06/09/2008	06/09/2008	06/10/2008
	RESULT TYPE	SCO	RESIDENTIAL	Primary	Primary	Primary	Primary
Benzo(a)anthracene	(ug/kg)	1000	1000	190.9 U	172.64 U	192.56 U	172.64 U
Benzo(a)pyrene	(ug/kg)	1000	1000	190.9 U	172.64 U	192.56 U	172.64 U
Benzo(b)fluoranthene	(ug/kg)	1000	1000	190.9 U	172.64 U	192.56 U	172.64 U
Benzo(ghi)perylene	(ug/kg)	100000	100000	190.9 U	172.64 U	192.56 U	172.64 U
Benzo(k)fluoranthene	(ug/kg)	800	1000	190.9 U	172.64 U	192.56 U	172.64 U
Biphenyl	(ug/kg)			NA	NA	NA	NA
Bis(2-chloroethoxy)methane	(ug/kg)			190.9 U	172.64 U	223.88 U	172.64 U
Bis(2-chloroethyl)ether	(ug/kg)			190.9 U	172.64 U	223.88 U	172.64 U
Bis(2-chloroisopropyl)ether	(ug/kg)			NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate (BEHP)	(ug/kg)		50000	1150 U	1040 U	1160 U	1040 U
Butyl benzyl phthalate	(ug/kg)		100000	190.9 U	172.64 U	192.56 U	172.64 U
Caprolactam	(ug/kg)			NA	NA	NA	NA
Carbazole	(ug/kg)			NA	NA	NA	NA
Chrysene	(ug/kg)	1000	1000	190.9 U	172.64 U	192.56 U	172.64 U
Dibenzo(a,h)anthracene	(ug/kg)	330	330	190.9 U	172.64 U	192.56 U	172.64 U
Dibenzofuran	(ug/kg)	7000	14000	190.9 U	172.64 U	192.56 U	172.64 U
Diethyl phthalate	(ug/kg)		100000	190.9 U	172.64 U	192.56 U	172.64 U
Dimethyl phthalate	(ug/kg)		100000	190.9 U	172.64 U	192.56 U	172.64 U
Di-n-butyl phthalate	(ug/kg)		100000	1150 U	1040 U	1160 U	1040 U
Di-n-octyl phthalate	(ug/kg)		100000	190.9 U	172.64 U	192.56 U	172.64 U
Fluoranthene	(ug/kg)	100000	100000	190.9 U	172.64 U	192.56 U	172.64 U
Fluorene	(ug/kg)	30000	100000	190.9 U	172.64 U	192.56 U	172.64 U
Hexachlorobenzene	(ug/kg)	330	410	190.9 U	172.64 U	192.56 U	172.64 U
Hexachlorobutadiene	(ug/kg)			190.9 U	172.64 U	192.56 U	172.64 U
Hexachlorocyclopentadiene	(ug/kg)			230 U	208 U	232 U	208 U
Hexachloroethane	(ug/kg)			190.9 U	172.64 U	192.56 U	172.64 U
Indeno(1,2,3-cd)pyrene	(ug/kg)	500	500	190.9 U	172.64 U	192.56 U	172.64 U
Isophorone	(ug/kg)		100000	190.9 U	172.64 U	192.56 U	172.64 U
m+p-Cresol	(ug/kg)			NA	NA	NA	NA

See the Endnotes following the last page of this Table.

Table 3
 Soil Analytical Results
 Semivolatile Organic Compounds (SVOCs)
 Bluestone Jamaica I, LLC
 90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/15/2012 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE			SB-03	SB-03	SB-04	SB-04
	LAB SAMPLE ID	6NYCRR PART 375	6NYCRR PART 375	0806007_5	0806007_9	0806007_2	0806007_12
	DATE	Unrestricted	AND CP-51	06/09/2008	06/09/2008	06/09/2008	06/10/2008
	RESULT TYPE	SCO	RESIDENTIAL	Primary	Primary	Primary	Primary
m-Nitroaniline	(ug/kg)			190.9 U	172.64 U	192.56 U	172.64 U
Naphthalene	(ug/kg)	12000	100000	190.9 U	172.64 U	192.56 U	172.64 U
Nitrobenzene	(ug/kg)		3700	190.9 U	172.64 U	192.56 U	172.64 U
N-Nitrosodiphenylamine	(ug/kg)			190.9 U	172.64 U	192.56 U	172.64 U
N-Nitrosodipropylamine	(ug/kg)			190.9 U	172.64 U	192.56 U	172.64 U
o-Cresol	(ug/kg)	330	100000	190.9 U	172.64 U	192.56 U	172.64 U
o-Nitroaniline	(ug/kg)			190.9 U	172.64 U	192.56 U	172.64 U
o-Nitrophenol	(ug/kg)			190.9 U	172.64 U	192.56 U	172.64 U
p-Chloroaniline	(ug/kg)		100000	190.9 U	172.64 U	223.88 U	172.64 U
p-Chloro-m-cresol	(ug/kg)			190.9 U	172.64 U	192.56 U	172.64 U
p-Cresol	(ug/kg)	330	34000	190.9 U	172.64 U	223.88 U	172.64 U
Pentachlorophenol	(ug/kg)	800	2400	190.9 U	172.64 U	192.56 U	172.64 U
Phenanthrene	(ug/kg)	100000	100000	190.9 U	172.64 U	192.56 U	172.64 U
Phenol	(ug/kg)	330	100000	190.9 U	172.64 U	223.88 U	172.64 U
p-Nitroaniline	(ug/kg)			190.9 U	172.64 U	223.88 U	172.64 U
p-Nitrophenol	(ug/kg)			190.9 U	172.64 U	223.88 U	172.64 U
Pyrene	(ug/kg)	100000	100000	190.9 U	172.64 U	192.56 U	172.64 U

See the Endnotes following the last page of this Table.

Table 3
 Soil Analytical Results
 Semivolatile Organic Compounds (SVOCs)
 Bluestone Jamaica I, LLC
 90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/15/2012 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE		SB-05		SB-05		SB-06	
	LAB SAMPLE ID	6NYCRR PART 375	6NYCRR PART 375	0806007_3	0806007_10	0806007_6	0806007_7	
	DATE	Unrestricted	AND CP-51	06/09/2008	06/09/2008	06/09/2008	06/09/2008	
	RESULT TYPE	SCO	RESIDENTIAL	Primary	Primary	Primary	Primary	
Starting Depth	(feet)			0.00	38.00	0.00	38.00	
Ending Depth	(feet)			2.00	40.00	2.00	40.00	
1,2,4,5-Tetrachlorobenzene	(ug/kg)			NA	NA	NA	NA	
1,2,4-Trichlorobenzene	(ug/kg)			192.56 U	174.3 U	189.24 U	170.98 U	
1,2-Dichlorobenzene	(ug/kg)	1100	100000	192.56 U	174.3 U	189.24 U	170.98 U	
1,3-Dichlorobenzene	(ug/kg)	2400	17000	192.56 U	174.3 U	189.24 U	170.98 U	
1,4-Dichlorobenzene	(ug/kg)	1800	9800	192.56 U	174.3 U	189.24 U	170.98 U	
2,2'-oxybis(1-Chloropropane)	(ug/kg)			192.56 U	174.3 U	189.24 U	170.98 U	
2,3,4,6-Tetrachlorophenol	(ug/kg)			NA	NA	NA	NA	
2,4,5-Trichlorophenol	(ug/kg)		100000	192.56 U	174.3 U	189.24 U	170.98 U	
2,4,6-Trichlorophenol	(ug/kg)			192.56 U	174.3 U	189.24 U	170.98 U	
2,4-Dichlorophenol	(ug/kg)		100000	192.56 U	174.3 U	189.24 U	170.98 U	
2,4-Dimethylphenol	(ug/kg)			192.56 U	174.3 U	189.24 U	170.98 U	
2,4-Dinitrophenol	(ug/kg)		100000	192.56 U	174.3 U	189.24 U	170.98 U	
2,4-Dinitrotoluene	(ug/kg)			192.56 U	174.3 U	189.24 U	170.98 U	
2,6-Dinitrotoluene	(ug/kg)		1030	192.56 U	174.3 U	189.24 U	170.98 U	
2-Chloronaphthalene	(ug/kg)			192.56 U	174.3 U	189.24 U	170.98 U	
2-Chlorophenol	(ug/kg)		100000	192.56 U	174.3 U	189.24 U	170.98 U	
2-Methylnaphthalene	(ug/kg)		410	192.56 U	174.3 U	189.24 U	170.98 U	
3,3-Dichlorobenzidine	(ug/kg)			192.56 U	174.3 U	189.24 U	170.98 U	
4,6-Dinitro-o-cresol	(ug/kg)			192.56 U	174.3 U	189.24 U	170.98 U	
4-Bromophenyl phenyl ether	(ug/kg)			192.56 U	174.3 U	189.24 U	170.98 U	
4-Chlorophenyl phenyl ether	(ug/kg)			192.56 U	174.3 U	189.24 U	170.98 U	
Acenaphthene	(ug/kg)	20000	100000	1088.08	174.3 U	189.24 U	170.98 U	
Acenaphthylene	(ug/kg)	100000	100000	192.56 U	174.3 U	189.24 U	170.98 U	
Acetophenone	(ug/kg)			NA	NA	NA	NA	
Anthracene	(ug/kg)	100000	100000	2262	174.3 U	189.24 U	170.98 U	
Atrazine	(ug/kg)			NA	NA	NA	NA	
Benzaldehyde	(ug/kg)			NA	NA	NA	NA	

See the Endnotes following the last page of this Table.

Table 3
Soil Analytical Results
Semivolatile Organic Compounds (SVOCs)
Bluestone Jamaica I, LLC
90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/15/2012 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE	6NYCRR PART 375	6NYCRR PART 375	SB-05	SB-05	SB-06	SB-06
	LAB SAMPLE ID	Unrestricted	AND CP-51	0806007_3	0806007_10	0806007_6	0806007_7
	DATE	SCO	RESIDENTIAL	06/09/2008	06/09/2008	06/09/2008	06/09/2008
	RESULT TYPE			Primary	Primary	Primary	Primary
Benzo(a)anthracene	(ug/kg)	1000	1000	[5231.6]	174.3 U	189.24 U	170.98 U
Benzo(a)pyrene	(ug/kg)	1000	1000	[61480]	174.3 U	189.24 U	170.98 U
Benzo(b)fluoranthene	(ug/kg)	1000	1000	[40600]	174.3 U	189.24 U	170.98 U
Benzo(ghi)perylene	(ug/kg)	100000	100000	27840	174.3 U	189.24 U	170.98 U
Benzo(k)fluoranthene	(ug/kg)	800	1000	[62640]	174.3 U	189.24 U	170.98 U
Biphenyl	(ug/kg)			NA	NA	NA	NA
Bis(2-chloroethoxy)methane	(ug/kg)			192.56 U	174.3 U	189.24 U	170.98 U
Bis(2-chloroethyl)ether	(ug/kg)			192.56 U	174.3 U	189.24 U	170.98 U
Bis(2-chloroisopropyl)ether	(ug/kg)			NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate (BEHP)	(ug/kg)		50000	1160 U	1050 U	1140 U	1030 U
Butyl benzyl phthalate	(ug/kg)		100000	192.56 U	174.3 U	189.24 U	170.98 U
Caprolactam	(ug/kg)			NA	NA	NA	NA
Carbazole	(ug/kg)			NA	NA	NA	NA
Chrysene	(ug/kg)	1000	1000	[5568]	174.3 U	189.24 U	170.98 U
Dibenzo(a,h)anthracene	(ug/kg)	330	330	192.56 U	174.3 U	189.24 U	170.98 U
Dibenzofuran	(ug/kg)	7000	14000	192.56 U	174.3 U	189.24 U	170.98 U
Diethyl phthalate	(ug/kg)		100000	192.56 U	174.3 U	189.24 U	170.98 U
Dimethyl phthalate	(ug/kg)		100000	192.56 U	174.3 U	189.24 U	170.98 U
Di-n-butyl phthalate	(ug/kg)		100000	1160 U	1050 U	1140 U	1030 U
Di-n-octyl phthalate	(ug/kg)		100000	192.56 U	174.3 U	189.24 U	170.98 U
Fluoranthene	(ug/kg)	100000	100000	192.56 U	174.3 U	189.24 U	170.98 U
Fluorene	(ug/kg)	30000	100000	816.64	174.3 U	189.24 U	170.98 U
Hexachlorobenzene	(ug/kg)	330	410	192.56 U	174.3 U	189.24 U	170.98 U
Hexachlorobutadiene	(ug/kg)			192.56 U	174.3 U	189.24 U	170.98 U
Hexachlorocyclopentadiene	(ug/kg)			232 U	210 U	228 U	206 U
Hexachloroethane	(ug/kg)			192.56 U	174.3 U	189.24 U	170.98 U
Indeno(1,2,3-cd)pyrene	(ug/kg)	500	500	[33640]	174.3 U	189.24 U	170.98 U
Isophorone	(ug/kg)		100000	192.56 U	174.3 U	189.24 U	170.98 U
m+p-Cresol	(ug/kg)			NA	NA	NA	NA

See the Endnotes following the last page of this Table.

Table 3
 Soil Analytical Results
 Semivolatile Organic Compounds (SVOCs)
 Bluestone Jamaica I, LLC
 90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/15/2012 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE			SB-05	SB-05	SB-06	SB-06
	LAB SAMPLE ID	6NYCRR PART 375	6NYCRR PART 375	0806007_3	0806007_10	0806007_6	0806007_7
	DATE	Unrestricted	AND CP-51	06/09/2008	06/09/2008	06/09/2008	06/09/2008
	RESULT TYPE	SCO	RESIDENTIAL	Primary	Primary	Primary	Primary
m-Nitroaniline	(ug/kg)			192.56 U	174.3 U	189.24 U	170.98 U
Naphthalene	(ug/kg)	12000	100000	1357.2	174.3 U	189.24 U	170.98 U
Nitrobenzene	(ug/kg)		3700	192.56 U	174.3 U	189.24 U	170.98 U
N-Nitrosodiphenylamine	(ug/kg)			192.56 U	174.3 U	189.24 U	170.98 U
N-Nitrosodipropylamine	(ug/kg)			192.56 U	174.3 U	189.24 U	170.98 U
o-Cresol	(ug/kg)	330	100000	192.56 U	174.3 U	189.24 U	170.98 U
o-Nitroaniline	(ug/kg)			192.56 U	174.3 U	189.24 U	170.98 U
o-Nitrophenol	(ug/kg)			192.56 U	174.3 U	189.24 U	170.98 U
p-Chloroaniline	(ug/kg)		100000	192.56 U	174.3 U	189.24 U	170.98 U
p-Chloro-m-cresol	(ug/kg)			192.56 U	174.3 U	189.24 U	170.98 U
p-Cresol	(ug/kg)	330	34000	192.56 U	174.3 U	189.24 U	170.98 U
Pentachlorophenol	(ug/kg)	800	2400	192.56 U	174.3 U	189.24 U	170.98 U
Phenanthrene	(ug/kg)	100000	100000	11716	174.3 U	189.24 U	170.98 U
Phenol	(ug/kg)	330	100000	192.56 U	174.3 U	189.24 U	170.98 U
p-Nitroaniline	(ug/kg)			192.56 U	174.3 U	189.24 U	170.98 U
p-Nitrophenol	(ug/kg)			192.56 U	174.3 U	189.24 U	170.98 U
Pyrene	(ug/kg)	100000	100000	14964	174.3 U	189.24 U	170.98 U

See the Endnotes following the last page of this Table.

Table 3
 Soil Analytical Results
 Semivolatile Organic Compounds (SVOCs)
 Bluestone Jamaica I, LLC
 90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/15/2012 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE		SB-07		SB-08		SB-09	
	LAB SAMPLE ID	6NYCRR PART 375	6NYCRR PART 375	JB9125-5	JB9125-6	JB9125-12	JB9125-11	
	DATE	Unrestricted	AND CP-51	06/15/2012	06/15/2012	06/15/2012	06/15/2012	
	RESULT TYPE	SCO	RESIDENTIAL	Primary	Primary	Primary	Duplicate 1	
Starting Depth	(feet)			13.00	13.00	13.00	13.00	
Ending Depth	(feet)			15.00	16.00	15.00	15.00	
1,2,4,5-Tetrachlorobenzene	(ug/kg)			150 U	160 U	150 U	150 U	
1,2,4-Trichlorobenzene	(ug/kg)			NA	NA	NA	NA	
1,2-Dichlorobenzene	(ug/kg)	1100	100000	NA	NA	NA	NA	
1,3-Dichlorobenzene	(ug/kg)	2400	17000	NA	NA	NA	NA	
1,4-Dichlorobenzene	(ug/kg)	1800	9800	NA	NA	NA	NA	
2,2'-oxybis(1-Chloropropane)	(ug/kg)			NA	NA	NA	NA	
2,3,4,6-Tetrachlorophenol	(ug/kg)			150 U	160 U	150 U	150 U	
2,4,5-Trichlorophenol	(ug/kg)		100000	150 U	160 U	150 U	150 U	
2,4,6-Trichlorophenol	(ug/kg)			150 U	160 U	150 U	150 U	
2,4-Dichlorophenol	(ug/kg)		100000	150 U	160 U	150 U	150 U	
2,4-Dimethylphenol	(ug/kg)			150 U	160 U	150 U	150 U	
2,4-Dinitrophenol	(ug/kg)		100000	580 U	620 U	600 U	610 U	
2,4-Dinitrotoluene	(ug/kg)			58 U	62 U	60 U	61 U	
2,6-Dinitrotoluene	(ug/kg)		1030	58 U	62 U	60 U	61 U	
2-Chloronaphthalene	(ug/kg)			58 U	62 U	60 U	61 U	
2-Chlorophenol	(ug/kg)		100000	150 U	160 U	150 U	150 U	
2-Methylnaphthalene	(ug/kg)		410	58 U	62 U	60 U	61 U	
3,3-Dichlorobenzidine	(ug/kg)			150 U	160 U	150 U	150 U	
4,6-Dinitro-o-cresol	(ug/kg)			580 U	620 U	600 U	610 U	
4-Bromophenyl phenyl ether	(ug/kg)			58 U	62 U	60 U	61 U	
4-Chlorophenyl phenyl ether	(ug/kg)			58 U	62 U	60 U	61 U	
Acenaphthene	(ug/kg)	20000	100000	29 U	41.1	30 U	31 U	
Acenaphthylene	(ug/kg)	100000	100000	29 U	31 U	30 U	31 U	
Acetophenone	(ug/kg)			150 U	160 U	150 U	150 U	
Anthracene	(ug/kg)	100000	100000	29 U	84.2	30 U	31 U	
Atrazine	(ug/kg)			150 U	160 U	150 U	150 U	
Benzaldehyde	(ug/kg)			150 U	160 U	150 U	150 U	

See the Endnotes following the last page of this Table.

Table 3
Soil Analytical Results
Semivolatile Organic Compounds (SVOCs)
Bluestone Jamaica I, LLC
90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/15/2012 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE	6NYCRR PART 375		SB-07	SB-08	SB-09	SB-09
	LAB SAMPLE ID	6NYCRR PART 375	6NYCRR PART 375	JB9125-5	JB9125-6	JB9125-12	JB9125-11
	DATE	Unrestricted	AND CP-51	06/15/2012	06/15/2012	06/15/2012	06/15/2012
	RESULT TYPE	SCO	RESIDENTIAL	Primary	Primary	Primary	Duplicate 1
Benzo(a)anthracene	(ug/kg)	1000	1000	29 U	231	30 U	31 U
Benzo(a)pyrene	(ug/kg)	1000	1000	29 U	215	30 U	31 U
Benzo(b)fluoranthene	(ug/kg)	1000	1000	29 U	284	30 U	31 U
Benzo(ghi)perylene	(ug/kg)	100000	100000	29 U	146	30 U	31 U
Benzo(k)fluoranthene	(ug/kg)	800	1000	29 U	90.1	30 U	31 U
Biphenyl	(ug/kg)			58 U	62 U	60 U	61 U
Bis(2-chloroethoxy)methane	(ug/kg)			58 U	62 U	60 U	61 U
Bis(2-chloroethyl)ether	(ug/kg)			58 U	62 U	60 U	61 U
Bis(2-chloroisopropyl)ether	(ug/kg)			58 U	62 U	60 U	61 U
Bis(2-ethylhexyl)phthalate (BEHP)	(ug/kg)		50000	58 U	62 U	60 U	61 U
Butyl benzyl phthalate	(ug/kg)		100000	58 U	62 U	60 U	61 U
Caprolactam	(ug/kg)			58 U	62 U	60 U	61 U
Carbazole	(ug/kg)			58 U	47.1 J	60 U	61 U
Chrysene	(ug/kg)	1000	1000	29 U	234	30 U	31 U
Dibenzo(a,h)anthracene	(ug/kg)	330	330	29 U	36.4	30 U	31 U
Dibenzofuran	(ug/kg)	7000	14000	58 U	22.3 J	60 U	61 U
Diethyl phthalate	(ug/kg)		100000	58 U	62 U	60 U	61 U
Dimethyl phthalate	(ug/kg)		100000	58 U	62 U	60 U	61 U
Di-n-butyl phthalate	(ug/kg)		100000	58 U	62 U	60 U	61 U
Di-n-octyl phthalate	(ug/kg)		100000	58 U	62 U	60 U	61 U
Fluoranthene	(ug/kg)	100000	100000	29 U	510	30 U	31 U
Fluorene	(ug/kg)	30000	100000	29 U	39.1	30 U	31 U
Hexachlorobenzene	(ug/kg)	330	410	58 U	62 U	60 U	61 U
Hexachlorobutadiene	(ug/kg)			29 U	31 U	30 U	31 U
Hexachlorocyclopentadiene	(ug/kg)			290 U	310 U	300 U	310 U
Hexachloroethane	(ug/kg)			150 U	160 U	150 U	150 U
Indeno(1,2,3-cd)pyrene	(ug/kg)	500	500	29 U	132	30 U	31 U
Isophorone	(ug/kg)		100000	58 U	62 U	60 U	61 U
m+p-Cresol	(ug/kg)			58 U	62 U	60 U	61 U

See the Endnotes following the last page of this Table.

Table 3
 Soil Analytical Results
 Semivolatile Organic Compounds (SVOCs)
 Bluestone Jamaica I, LLC
 90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/15/2012 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE			SB-07	SB-08	SB-09	SB-09
	LAB SAMPLE ID	6NYCRR PART 375	6NYCRR PART 375	JB9125-5	JB9125-6	JB9125-12	JB9125-11
	DATE	Unrestricted	AND CP-51	06/15/2012	06/15/2012	06/15/2012	06/15/2012
	RESULT TYPE	SCO	RESIDENTIAL	Primary	Primary	Primary	Duplicate 1
m-Nitroaniline	(ug/kg)			150 U	160 U	150 U	150 U
Naphthalene	(ug/kg)	12000	100000	29 U	23.3 J	30 U	31 U
Nitrobenzene	(ug/kg)		3700	58 U	62 U	60 U	61 U
N-Nitrosodiphenylamine	(ug/kg)			150 U	160 U	150 U	150 U
N-Nitrosodipropylamine	(ug/kg)			58 U	62 U	60 U	61 U
o-Cresol	(ug/kg)	330	100000	58 U	62 U	60 U	61 U
o-Nitroaniline	(ug/kg)			150 U	160 U	150 U	150 U
o-Nitrophenol	(ug/kg)			150 U	160 U	150 U	150 U
p-Chloroaniline	(ug/kg)		100000	150 U	160 U	150 U	150 U
p-Chloro-m-cresol	(ug/kg)			150 U	160 U	150 U	150 U
p-Cresol	(ug/kg)	330	34000	NA	NA	NA	NA
Pentachlorophenol	(ug/kg)	800	2400	290 U	310 U	300 U	310 U
Phenanthrene	(ug/kg)	100000	100000	29 U	400	30 U	31 U
Phenol	(ug/kg)	330	100000	58 U	62 U	60 U	61 U
p-Nitroaniline	(ug/kg)			150 U	160 U	150 U	150 U
p-Nitrophenol	(ug/kg)			290 U	310 U	300 U	310 U
Pyrene	(ug/kg)	100000	100000	29 U	462	30 U	31 U

See the Endnotes following the last page of this Table.

Table 3
 Soil Analytical Results
 Semivolatile Organic Compounds (SVOCs)
 Bluestone Jamaica I, LLC
 90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/15/2012 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE		SB-10		SB-11	SB-12
	LAB SAMPLE ID	6NYCRR PART 375	6NYCRR PART 375	JB9125-7	JB9125-8	JB9125-9
	DATE	Unrestricted	AND CP-51	06/15/2012	06/15/2012	06/15/2012
	RESULT TYPE	SCO	RESIDENTIAL	Primary	Primary	Primary
Starting Depth	(feet)			13.00	13.00	13.00
Ending Depth	(feet)			15.00	15.00	15.00
1,2,4,5-Tetrachlorobenzene	(ug/kg)			150 U	150 U	150 U
1,2,4-Trichlorobenzene	(ug/kg)			NA	NA	NA
1,2-Dichlorobenzene	(ug/kg)	1100	100000	NA	NA	NA
1,3-Dichlorobenzene	(ug/kg)	2400	17000	NA	NA	NA
1,4-Dichlorobenzene	(ug/kg)	1800	9800	NA	NA	NA
2,2'-oxybis(1-Chloropropane)	(ug/kg)			NA	NA	NA
2,3,4,6-Tetrachlorophenol	(ug/kg)			150 U	150 U	150 U
2,4,5-Trichlorophenol	(ug/kg)		100000	150 U	150 U	150 U
2,4,6-Trichlorophenol	(ug/kg)			150 U	150 U	150 U
2,4-Dichlorophenol	(ug/kg)		100000	150 U	150 U	150 U
2,4-Dimethylphenol	(ug/kg)			150 U	150 U	150 U
2,4-Dinitrophenol	(ug/kg)		100000	610 U	590 U	610 U
2,4-Dinitrotoluene	(ug/kg)			61 U	59 U	61 U
2,6-Dinitrotoluene	(ug/kg)		1030	61 U	59 U	61 U
2-Chloronaphthalene	(ug/kg)			61 U	59 U	61 U
2-Chlorophenol	(ug/kg)		100000	150 U	150 U	150 U
2-Methylnaphthalene	(ug/kg)		410	61 U	59 U	61 U
3,3-Dichlorobenzidine	(ug/kg)			150 U	150 U	150 U
4,6-Dinitro-o-cresol	(ug/kg)			610 U	590 U	610 U
4-Bromophenyl phenyl ether	(ug/kg)			61 U	59 U	61 U
4-Chlorophenyl phenyl ether	(ug/kg)			61 U	59 U	61 U
Acenaphthene	(ug/kg)	20000	100000	30 U	30 U	31 U
Acenaphthylene	(ug/kg)	100000	100000	30 U	30 U	31 U
Acetophenone	(ug/kg)			150 U	150 U	150 U
Anthracene	(ug/kg)	100000	100000	30 U	30 U	31 U
Atrazine	(ug/kg)			150 U	150 U	150 U
Benzaldehyde	(ug/kg)			150 U	150 U	150 U

See the Endnotes following the last page of this Table.

Table 3
 Soil Analytical Results
 Semivolatile Organic Compounds (SVOCs)
 Bluestone Jamaica I, LLC
 90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/15/2012 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE			SB-10	SB-11	SB-12
	LAB SAMPLE ID	6NYCRR PART 375	6NYCRR PART 375	JB9125-7	JB9125-8	JB9125-9
	DATE	Unrestricted	AND CP-51	06/15/2012	06/15/2012	06/15/2012
	RESULT TYPE	SCO	RESIDENTIAL	Primary	Primary	Primary
Benzo(a)anthracene	(ug/kg)	1000	1000	30 U	30 U	50.3
Benzo(a)pyrene	(ug/kg)	1000	1000	30 U	30 U	64.1
Benzo(b)fluoranthene	(ug/kg)	1000	1000	30 U	30 U	76.2
Benzo(ghi)perylene	(ug/kg)	100000	100000	30 U	30 U	41.3
Benzo(k)fluoranthene	(ug/kg)	800	1000	30 U	30 U	32.3
Biphenyl	(ug/kg)			61 U	59 U	61 U
Bis(2-chloroethoxy)methane	(ug/kg)			61 U	59 U	61 U
Bis(2-chloroethyl)ether	(ug/kg)			61 U	59 U	61 U
Bis(2-chloroisopropyl)ether	(ug/kg)			61 U	59 U	61 U
Bis(2-ethylhexyl)phthalate (BEHP)	(ug/kg)		50000	61 U	59 U	61 U
Butyl benzyl phthalate	(ug/kg)		100000	61 U	59 U	61 U
Caprolactam	(ug/kg)			61 U	59 U	61 U
Carbazole	(ug/kg)			61 U	59 U	61 U
Chrysene	(ug/kg)	1000	1000	30 U	30 U	50.5
Dibenzo(a,h)anthracene	(ug/kg)	330	330	30 U	30 U	14.6 J
Dibenzofuran	(ug/kg)	7000	14000	61 U	59 U	61 U
Diethyl phthalate	(ug/kg)		100000	61 U	59 U	61 U
Dimethyl phthalate	(ug/kg)		100000	61 U	59 U	61 U
Di-n-butyl phthalate	(ug/kg)		100000	61 U	59 U	61 U
Di-n-octyl phthalate	(ug/kg)		100000	61 U	59 U	61 U
Fluoranthene	(ug/kg)	100000	100000	30 U	30 U	57.4
Fluorene	(ug/kg)	30000	100000	30 U	30 U	31 U
Hexachlorobenzene	(ug/kg)	330	410	61 U	59 U	61 U
Hexachlorobutadiene	(ug/kg)			30 U	30 U	31 U
Hexachlorocyclopentadiene	(ug/kg)			300 U	300 U	310 U
Hexachloroethane	(ug/kg)			150 U	150 U	150 U
Indeno(1,2,3-cd)pyrene	(ug/kg)	500	500	30 U	30 U	38.3
Isophorone	(ug/kg)		100000	61 U	59 U	61 U
m+p-Cresol	(ug/kg)			61 U	59 U	61 U

See the Endnotes following the last page of this Table.

Table 3
 Soil Analytical Results
 Semivolatile Organic Compounds (SVOCs)
 Bluestone Jamaica I, LLC
 90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/15/2012 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE			SB-10	SB-11	SB-12
	LAB SAMPLE ID	6NYCRR PART 375	6NYCRR PART 375	JB9125-7	JB9125-8	JB9125-9
	DATE	Unrestricted	AND CP-51	06/15/2012	06/15/2012	06/15/2012
	RESULT TYPE	SCO	RESIDENTIAL	Primary	Primary	Primary
m-Nitroaniline	(ug/kg)			150 U	150 U	150 U
Naphthalene	(ug/kg)	12000	100000	30 U	30 U	31 U
Nitrobenzene	(ug/kg)		3700	61 U	59 U	61 U
N-Nitrosodiphenylamine	(ug/kg)			150 U	150 U	150 U
N-Nitrosodipropylamine	(ug/kg)			61 U	59 U	61 U
o-Cresol	(ug/kg)	330	100000	61 U	59 U	61 U
o-Nitroaniline	(ug/kg)			150 U	150 U	150 U
o-Nitrophenol	(ug/kg)			150 U	150 U	150 U
p-Chloroaniline	(ug/kg)		100000	150 U	150 U	150 U
p-Chloro-m-cresol	(ug/kg)			150 U	150 U	150 U
p-Cresol	(ug/kg)	330	34000	NA	NA	NA
Pentachlorophenol	(ug/kg)	800	2400	300 U	300 U	310 U
Phenanthrene	(ug/kg)	100000	100000	30 U	30 U	28.4 J
Phenol	(ug/kg)	330	100000	61 U	59 U	61 U
p-Nitroaniline	(ug/kg)			150 U	150 U	150 U
p-Nitrophenol	(ug/kg)			300 U	300 U	310 U
Pyrene	(ug/kg)	100000	100000	30 U	30 U	61.1

See the Endnotes following the last page of this Table.

Table 3
Soil Analytical Results
Semivolatile Organic Compounds (SVOCs)
Bluestone Jamaica I, LLC
90-11 & 90-14 161st Street, Queens, New York

Notes:

- $\mu\text{g}/\text{kg}$ = micrograms per kilogram (parts per billion; ppb).
- All depth measurements are in feet (ft) below ground surface.
- 6NYCRR Part 375 Unrestricted SCO = New York State Department of Environmental Conservation (NYSDEC) Unrestricted Use Soil Cleanup Objective (SCO) as presented in Title 6 of the Official Compilation of New York Codes, Rules and Regulations (6 NYCRR) Subpart 375-6.8(b).
- 6NYCRR Part 375 AND CP-51 RESIDENTIAL = New York State Department of Environmental Conservation (NYSDEC) Restricted Soil Cleanup Objective (SCO) Residential as presented in Title 6 of the Official Compilation of New York Codes, Rules and Regulations (6 NYCRR) Subpart 375-6.8(b). Includes Final Commissioner Policy CP-51 / Soil Cleanup Guidance, October 21, 2010.
- Bracketed and highlighted values indicate a positive concentration that exceeds the lower of the two SCO.
- NA – Compound not analyzed for.

Qualifiers

no qualifier	The compound was positively identified at the associated numerical value which is the concentration of the compound in the sample.
U	Non-Detect. The compound was analyzed for, but not detected. The associated numerical value is the reporting limit. The value is usable as a non-detect at the reporting limit.
J	Estimated value. The compound was detected at a concentration below the reporting limit but greater than the method detection limit (MDL). The value is usable as an estimated result.

Table 4
 Soil Analytical Results
 Pesticides/Polychlorinated Biphenyls (Pest/PCBs)
 Bluestone Jamaica I, LLC
 90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/15/2012 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE			SB-01	SB-01	SB-02	SB-02
	LAB SAMPLE ID	6NYCRR PART 375	6NYCRR PART 375	0806007_1	0806007_13	0806007_4	0806007_11
	DATE	Unrestricted	AND CP-51	06/09/2008	06/10/2008	06/09/2008	06/10/2008
	RESULT TYPE	SCO	RESIDENTIAL	Primary	Primary	Primary	Primary
Starting Depth	(feet)			0.00	38.00	0.00	39.00
Ending Depth	(feet)			2.00	40.00	2.00	41.00
4,4'-DDD	(ug/kg)	3.3	2600	NA	NA	NA	NA
4,4'-DDE	(ug/kg)	3.3	1800	NA	NA	NA	NA
4,4'-DDT	(ug/kg)	3.3	1700	NA	NA	NA	NA
Aldrin	(ug/kg)	5	19	NA	NA	NA	NA
alpha-BHC	(ug/kg)	20	97	NA	NA	NA	NA
alpha-Chlordane	(ug/kg)	94	910	NA	NA	NA	NA
beta-BHC	(ug/kg)	36	72	NA	NA	NA	NA
delta-BHC	(ug/kg)	40	100000	NA	NA	NA	NA
Dieldrin	(ug/kg)	5	39	NA	NA	NA	NA
Endosulfan I	(ug/kg)	2400	4800	NA	NA	NA	NA
Endosulfan II	(ug/kg)	2400	4800	NA	NA	NA	NA
Endosulfan sulfate	(ug/kg)	2400	4800	NA	NA	NA	NA
Endrin	(ug/kg)	14	2200	NA	NA	NA	NA
Endrin aldehyde	(ug/kg)			NA	NA	NA	NA
Endrin ketone	(ug/kg)			NA	NA	NA	NA
gamma-BHC (Lindane)	(ug/kg)	100	280	NA	NA	NA	NA
gamma-Chlordane	(ug/kg)		540	NA	NA	NA	NA
Heptachlor	(ug/kg)	42	420	NA	NA	NA	NA
Heptachlor epoxide	(ug/kg)		80	NA	NA	NA	NA
Methoxychlor	(ug/kg)		100000	NA	NA	NA	NA
Toxaphene	(ug/kg)			NA	NA	NA	NA
Aroclor 1016	(ug/kg)			193.32 U	172.64 U	175.96 U	172.64 U
Aroclor 1221	(ug/kg)			193.32 U	172.64 U	175.96 U	172.64 U
Aroclor 1232	(ug/kg)			193.32 U	172.64 U	175.96 U	172.64 U
Aroclor 1242	(ug/kg)			193.32 U	172.64 U	175.96 U	172.64 U
Aroclor 1248	(ug/kg)			193.32 U	172.64 U	175.96 U	172.64 U
Aroclor 1254	(ug/kg)			193.32 U	172.64 U	175.96 U	172.64 U

See the Endnotes following the last page of this Table.

Table 4
 Soil Analytical Results
 Pesticides/Polychlorinated Biphenyls (Pest/PCBs)
 Bluestone Jamaica I, LLC
 90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/15/2012 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE	LAB SAMPLE ID	6NYCRR PART 375	6NYCRR PART 375	SB-01	SB-01	SB-02	SB-02
	DATE		Unrestricted	AND CP-51	0806007_1	0806007_13	0806007_4	0806007_11
	RESULT TYPE		SCO	RESIDENTIAL	Primary	Primary	Primary	Primary
Aroclor 1260	(ug/kg)				193.32 U	172.64 U	175.96 U	172.64 U
Aroclor-1262	(ug/kg)				NA	NA	NA	NA
Aroclor-1268	(ug/kg)				NA	NA	NA	NA
Total PCBs	(ug/kg)		100	1000	0	0	0	0

See the Endnotes following the last page of this Table.

Table 4
 Soil Analytical Results
 Pesticides/Polychlorinated Biphenyls (Pest/PCBs)
 Bluestone Jamaica I, LLC
 90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/15/2012 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE		SB-03		SB-03		SB-04		SB-04	
	LAB SAMPLE ID	6NYCRR PART 375	6NYCRR PART 375	0806007_5	0806007_9	0806007_2	0806007_12			
	DATE	Unrestricted	AND CP-51	06/09/2008	06/09/2008	06/09/2008	06/10/2008			
	RESULT TYPE	SCO	RESIDENTIAL	Primary	Primary	Primary	Primary			
Starting Depth	(feet)			0.00	38.00	0.00	38.00			
Ending Depth	(feet)			2.00	40.00	2.00	40.00			
4,4'-DDD	(ug/kg)	3.3	2600	NA	NA	NA	NA			
4,4'-DDE	(ug/kg)	3.3	1800	NA	NA	NA	NA			
4,4'-DDT	(ug/kg)	3.3	1700	NA	NA	NA	NA			
Aldrin	(ug/kg)	5	19	NA	NA	NA	NA			
alpha-BHC	(ug/kg)	20	97	NA	NA	NA	NA			
alpha-Chlordane	(ug/kg)	94	910	NA	NA	NA	NA			
beta-BHC	(ug/kg)	36	72	NA	NA	NA	NA			
delta-BHC	(ug/kg)	40	100000	NA	NA	NA	NA			
Dieldrin	(ug/kg)	5	39	NA	NA	NA	NA			
Endosulfan I	(ug/kg)	2400	4800	NA	NA	NA	NA			
Endosulfan II	(ug/kg)	2400	4800	NA	NA	NA	NA			
Endosulfan sulfate	(ug/kg)	2400	4800	NA	NA	NA	NA			
Endrin	(ug/kg)	14	2200	NA	NA	NA	NA			
Endrin aldehyde	(ug/kg)			NA	NA	NA	NA			
Endrin ketone	(ug/kg)			NA	NA	NA	NA			
gamma-BHC (Lindane)	(ug/kg)	100	280	NA	NA	NA	NA			
gamma-Chlordane	(ug/kg)		540	NA	NA	NA	NA			
Heptachlor	(ug/kg)	42	420	NA	NA	NA	NA			
Heptachlor epoxide	(ug/kg)		80	NA	NA	NA	NA			
Methoxychlor	(ug/kg)		100000	NA	NA	NA	NA			
Toxaphene	(ug/kg)			NA	NA	NA	NA			
Aroclor 1016	(ug/kg)			190.9 U	172.64 U	223.88 U	172.64 U			
Aroclor 1221	(ug/kg)			190.9 U	172.64 U	223.88 U	172.64 U			
Aroclor 1232	(ug/kg)			190.9 U	172.64 U	223.88 U	172.64 U			
Aroclor 1242	(ug/kg)			190.9 U	172.64 U	223.88 U	172.64 U			
Aroclor 1248	(ug/kg)			190.9 U	172.64 U	223.88 U	172.64 U			
Aroclor 1254	(ug/kg)			190.9 U	172.64 U	223.88 U	172.64 U			

See the Endnotes following the last page of this Table.

Table 4
 Soil Analytical Results
 Pesticides/Polychlorinated Biphenyls (Pest/PCBs)
 Bluestone Jamaica I, LLC
 90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/15/2012 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE		SB-03		SB-03		SB-04		SB-04	
	LAB SAMPLE ID	6NYCRR PART 375	6NYCRR PART 375	0806007_5	0806007_9	0806007_2	0806007_12	0806007_2	0806007_12	
	DATE	Unrestricted	AND CP-51	06/09/2008	06/09/2008	06/09/2008	06/10/2008	06/09/2008	06/10/2008	
	RESULT TYPE	SCO	RESIDENTIAL	Primary	Primary	Primary	Primary	Primary	Primary	
Aroclor 1260	(ug/kg)			190.9 U	172.64 U	223.88 U	172.64 U			
Aroclor-1262	(ug/kg)			NA	NA	NA	NA			
Aroclor-1268	(ug/kg)			NA	NA	NA	NA			
Total PCBs	(ug/kg)	100	1000	0	0	0	0			

See the Endnotes following the last page of this Table.

Table 4
 Soil Analytical Results
 Pesticides/Polychlorinated Biphenyls (Pest/PCBs)
 Bluestone Jamaica I, LLC
 90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/15/2012 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE			SB-05	SB-05	SB-06	SB-06
	LAB SAMPLE ID	6NYCRR PART 375	6NYCRR PART 375	0806007_3	0806007_10	0806007_6	0806007_7
	DATE	Unrestricted	AND CP-51	06/09/2008	06/09/2008	06/09/2008	06/09/2008
	RESULT TYPE	SCO	RESIDENTIAL	Primary	Primary	Primary	Primary
Starting Depth	(feet)			0.00	38.00	0.00	38.00
Ending Depth	(feet)			2.00	40.00	2.00	40.00
4,4'-DDD	(ug/kg)	3.3	2600	NA	NA	NA	NA
4,4'-DDE	(ug/kg)	3.3	1800	NA	NA	NA	NA
4,4'-DDT	(ug/kg)	3.3	1700	NA	NA	NA	NA
Aldrin	(ug/kg)	5	19	NA	NA	NA	NA
alpha-BHC	(ug/kg)	20	97	NA	NA	NA	NA
alpha-Chlordane	(ug/kg)	94	910	NA	NA	NA	NA
beta-BHC	(ug/kg)	36	72	NA	NA	NA	NA
delta-BHC	(ug/kg)	40	100000	NA	NA	NA	NA
Dieldrin	(ug/kg)	5	39	NA	NA	NA	NA
Endosulfan I	(ug/kg)	2400	4800	NA	NA	NA	NA
Endosulfan II	(ug/kg)	2400	4800	NA	NA	NA	NA
Endosulfan sulfate	(ug/kg)	2400	4800	NA	NA	NA	NA
Endrin	(ug/kg)	14	2200	NA	NA	NA	NA
Endrin aldehyde	(ug/kg)			NA	NA	NA	NA
Endrin ketone	(ug/kg)			NA	NA	NA	NA
gamma-BHC (Lindane)	(ug/kg)	100	280	NA	NA	NA	NA
gamma-Chlordane	(ug/kg)		540	NA	NA	NA	NA
Heptachlor	(ug/kg)	42	420	NA	NA	NA	NA
Heptachlor epoxide	(ug/kg)		80	NA	NA	NA	NA
Methoxychlor	(ug/kg)		100000	NA	NA	NA	NA
Toxaphene	(ug/kg)			NA	NA	NA	NA
Aroclor 1016	(ug/kg)			192.56 U	174.3 U	189.24 U	170.98 U
Aroclor 1221	(ug/kg)			192.56 U	174.3 U	189.24 U	170.98 U
Aroclor 1232	(ug/kg)			192.56 U	174.3 U	189.24 U	170.98 U
Aroclor 1242	(ug/kg)			192.56 U	174.3 U	189.24 U	170.98 U
Aroclor 1248	(ug/kg)			192.56 U	174.3 U	189.24 U	170.98 U
Aroclor 1254	(ug/kg)			192.56 U	174.3 U	189.24 U	170.98 U

See the Endnotes following the last page of this Table.

Table 4
 Soil Analytical Results
 Pesticides/Polychlorinated Biphenyls (Pest/PCBs)
 Bluestone Jamaica I, LLC
 90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/15/2012 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE		SB-05		SB-05		SB-06		SB-06	
	LAB SAMPLE ID	6NYCRR PART 375	6NYCRR PART 375	0806007_3	0806007_10	0806007_6	0806007_7	0806007_6	0806007_7	
	DATE	Unrestricted	AND CP-51	06/09/2008	06/09/2008	06/09/2008	06/09/2008	06/09/2008	06/09/2008	
	RESULT TYPE	SCO	RESIDENTIAL	Primary	Primary	Primary	Primary	Primary	Primary	
Aroclor 1260	(ug/kg)			192.56 U	174.3 U	189.24 U	170.98 U			
Aroclor-1262	(ug/kg)			NA	NA	NA	NA			
Aroclor-1268	(ug/kg)			NA	NA	NA	NA			
Total PCBs	(ug/kg)	100	1000	0	0	0	0			

See the Endnotes following the last page of this Table.

Table 4
 Soil Analytical Results
 Pesticides/Polychlorinated Biphenyls (Pest/PCBs)
 Bluestone Jamaica I, LLC
 90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/15/2012 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE		SB-07		SB-08		SB-09	
	LAB SAMPLE ID	6NYCRR PART 375	6NYCRR PART 375	JB9125-5	JB9125-6	JB9125-12	JB9125-11	
	DATE	Unrestricted	AND CP-51	06/15/2012	06/15/2012	06/15/2012	06/15/2012	
	RESULT TYPE	SCO	RESIDENTIAL	Primary	Primary	Primary	Duplicate 1	
Starting Depth	(feet)			13.00	13.00	13.00	13.00	
Ending Depth	(feet)			15.00	16.00	15.00	15.00	
4,4'-DDD	(ug/kg)	3.3	2600	0.69 U	0.71 U	0.71 U	0.72 U	
4,4'-DDE	(ug/kg)	3.3	1800	0.69 U	0.71 U	0.71 U	0.72 U	
4,4'-DDT	(ug/kg)	3.3	1700	0.69 U	0.71 U	0.71 U	0.72 U	
Aldrin	(ug/kg)	5	19	0.69 U	0.71 U	0.71 U	0.72 U	
alpha-BHC	(ug/kg)	20	97	0.69 U	0.71 U	0.71 U	0.72 U	
alpha-Chlordane	(ug/kg)	94	910	0.69 U	0.71 U	0.71 U	0.72 U	
beta-BHC	(ug/kg)	36	72	0.69 U	0.71 U	0.71 U	0.72 U	
delta-BHC	(ug/kg)	40	100000	0.69 U	0.71 U	0.71 U	0.72 U	
Dieldrin	(ug/kg)	5	39	0.69 U	0.71 U	0.71 U	0.72 U	
Endosulfan I	(ug/kg)	2400	4800	0.69 U	0.71 U	0.71 U	0.72 U	
Endosulfan II	(ug/kg)	2400	4800	0.69 U	0.71 U	0.71 U	0.72 U	
Endosulfan sulfate	(ug/kg)	2400	4800	0.69 U	0.71 U	0.71 U	0.72 U	
Endrin	(ug/kg)	14	2200	0.69 U	0.71 U	0.71 U	0.72 U	
Endrin aldehyde	(ug/kg)			0.69 U	0.71 U	0.71 U	0.72 U	
Endrin ketone	(ug/kg)			0.69 U	0.71 U	0.71 U	0.72 U	
gamma-BHC (Lindane)	(ug/kg)	100	280	0.69 U	0.71 U	0.71 U	0.72 U	
gamma-Chlordane	(ug/kg)		540	0.69 U	0.71 U	0.71 U	0.72 U	
Heptachlor	(ug/kg)	42	420	0.69 U	0.71 U	0.71 U	0.72 U	
Heptachlor epoxide	(ug/kg)		80	0.69 U	0.71 U	0.71 U	0.72 U	
Methoxychlor	(ug/kg)		100000	1.4 U	1.4 U	1.4 U	1.4 U	
Toxaphene	(ug/kg)			17 U	18 U	18 U	18 U	
Aroclor 1016	(ug/kg)			34 U	36 U	35 U	36 U	
Aroclor 1221	(ug/kg)			34 U	36 U	35 U	36 U	
Aroclor 1232	(ug/kg)			34 U	36 U	35 U	36 U	
Aroclor 1242	(ug/kg)			34 U	36 U	35 U	36 U	
Aroclor 1248	(ug/kg)			34 U	36 U	35 U	36 U	
Aroclor 1254	(ug/kg)			34 U	36 U	35 U	36 U	

See the Endnotes following the last page of this Table.

Table 4
 Soil Analytical Results
 Pesticides/Polychlorinated Biphenyls (Pest/PCBs)
 Bluestone Jamaica I, LLC
 90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/15/2012 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE LAB SAMPLE ID	6NYCRR PART 375	6NYCRR PART 375	SB-07 JB9125-5	SB-08 JB9125-6	SB-09 JB9125-12	SB-09 JB9125-11
	DATE	Unrestricted	AND CP-51	06/15/2012	06/15/2012	06/15/2012	06/15/2012
	RESULT TYPE	SCO	RESIDENTIAL	Primary	Primary	Primary	Duplicate 1
Aroclor 1260	(ug/kg)			34 U	36 U	35 U	36 U
Aroclor-1262	(ug/kg)			34 U	36 U	35 U	36 U
Aroclor-1268	(ug/kg)			34 U	36 U	35 U	36 U
Total PCBs	(ug/kg)	100	1000	0	0	0	0

See the Endnotes following the last page of this Table.

Table 4
 Soil Analytical Results
 Pesticides/Polychlorinated Biphenyls (Pest/PCBs)
 Bluestone Jamaica I, LLC
 90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/15/2012 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE			SB-10	SB-11	SB-12
	LAB SAMPLE ID	6NYCRR PART 375	6NYCRR PART 375	JB9125-7	JB9125-8	JB9125-9
	DATE	Unrestricted	AND CP-51	06/15/2012	06/15/2012	06/15/2012
	RESULT TYPE	SCO	RESIDENTIAL	Primary	Primary	Primary
Starting Depth	(feet)			13.00	13.00	13.00
Ending Depth	(feet)			15.00	15.00	15.00
4,4'-DDD	(ug/kg)	3.3	2600	0.68 U	0.70 U	0.72 U
4,4'-DDE	(ug/kg)	3.3	1800	0.68 U	0.70 U	0.72 U
4,4'-DDT	(ug/kg)	3.3	1700	0.68 U	0.70 U	0.72 U
Aldrin	(ug/kg)	5	19	0.68 U	0.70 U	0.72 U
alpha-BHC	(ug/kg)	20	97	0.68 U	0.70 U	0.72 U
alpha-Chlordane	(ug/kg)	94	910	0.68 U	0.70 U	1.8
beta-BHC	(ug/kg)	36	72	0.68 U	0.70 U	0.72 U
delta-BHC	(ug/kg)	40	100000	0.68 U	0.70 U	0.72 U
Dieldrin	(ug/kg)	5	39	0.68 U	0.70 U	0.81
Endosulfan I	(ug/kg)	2400	4800	0.68 U	0.70 U	0.72 U
Endosulfan II	(ug/kg)	2400	4800	0.68 U	0.70 U	0.72 U
Endosulfan sulfate	(ug/kg)	2400	4800	0.68 U	0.70 U	0.72 U
Endrin	(ug/kg)	14	2200	0.68 U	0.70 U	0.72 U
Endrin aldehyde	(ug/kg)			0.68 U	0.70 U	0.72 U
Endrin ketone	(ug/kg)			0.68 U	0.70 U	0.72 U
gamma-BHC (Lindane)	(ug/kg)	100	280	0.68 U	0.70 U	0.72 U
gamma-Chlordane	(ug/kg)		540	0.68 U	0.70 U	1.9
Heptachlor	(ug/kg)	42	420	0.68 U	0.70 U	0.72 U
Heptachlor epoxide	(ug/kg)		80	0.68 U	0.70 U	0.72 U
Methoxychlor	(ug/kg)		100000	1.4 U	1.4 U	1.4 U
Toxaphene	(ug/kg)			17 U	17 U	18 U
Aroclor 1016	(ug/kg)			34 U	35 U	36 U
Aroclor 1221	(ug/kg)			34 U	35 U	36 U
Aroclor 1232	(ug/kg)			34 U	35 U	36 U
Aroclor 1242	(ug/kg)			34 U	35 U	36 U
Aroclor 1248	(ug/kg)			34 U	35 U	36 U
Aroclor 1254	(ug/kg)			34 U	35 U	36 U

See the Endnotes following the last page of this Table.

Table 4
 Soil Analytical Results
 Pesticides/Polychlorinated Biphenyls (Pest/PCBs)
 Bluestone Jamaica I, LLC
 90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/15/2012 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE LAB SAMPLE ID	6NYCRR PART 375 Unrestricted	6NYCRR PART 375 AND CP-51	SB-10 JB9125-7 06/15/2012 Primary	SB-11 JB9125-8 06/15/2012 Primary	SB-12 JB9125-9 06/15/2012 Primary
	DATE	SCO	RESIDENTIAL			
	RESULT TYPE					
Aroclor 1260	(ug/kg)			34 U	35 U	36 U
Aroclor-1262	(ug/kg)			34 U	35 U	36 U
Aroclor-1268	(ug/kg)			34 U	35 U	36 U
Total PCBs	(ug/kg)	100	1000	0	0	0

See the Endnotes following the last page of this Table.

Table 4
Soil Analytical Results
Pesticides/Polychlorinated Biphenyls (Pest/PCBs)
Bluestone Jamaica I, LLC
90-11 & 90-14 161st Street, Queens, New York

Notes:

- $\mu\text{g}/\text{kg}$ = micrograms per kilogram (parts per billion; ppb).
- All depth measurements are in feet (ft) below ground surface.
- 6NYCRR Part 375 Unrestricted SCO = New York State Department of Environmental Conservation (NYSDEC) Unrestricted Use Soil Cleanup Objective (SCO) as presented in Title 6 of the Official Compilation of New York Codes, Rules and Regulations (6 NYCRR) Subpart 375-6.8(b).
- 6NYCRR Part 375 AND CP-51 RESIDENTIAL = New York State Department of Environmental Conservation (NYSDEC) Restricted Soil Cleanup Objective (SCO) Residential as presented in Title 6 of the Official Compilation of New York Codes, Rules and Regulations (6 NYCRR) Subpart 375-6.8(b). Includes Final Commissioner Policy CP-51 / Soil Cleanup Guidance, October 21, 2010.
- Bracketed and highlighted values indicate a positive concentration that exceeds the lower of the two SCO.
- NA – Compound not analyzed for.

Qualifiers

- | | |
|--------------|---|
| no qualifier | The compound was positively identified at the associated numerical value which is the concentration of the compound in the sample. |
| U | Non-Detect. The compound was analyzed for, but not detected. The associated numerical value is the reporting limit. The value is usable as a non-detect at the reporting limit. |

Table 5
Soil Analytical Results
Metals
Bluestone Jamaica I, LLC
90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/15/2012 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE			SB-01	SB-01	SB-02	SB-02
	LAB SAMPLE ID	6NYCRR PART 375	6NYCRR PART 375	0806007_1	0806007_13	0806007_4	0806007_11
	DATE	Unrestricted	AND CP-51	06/09/2008	06/10/2008	06/09/2008	06/10/2008
	RESULT TYPE	SCO	RESIDENTIAL	Primary	Primary	Primary	Primary
Starting Depth	(feet)			0.00	38.00	0.00	39.00
Ending Depth	(feet)			2.00	40.00	2.00	41.00
Aluminum	(mg/kg)			4900	2100	3700	1900
Antimony	(mg/kg)			1.1 U	1.0 U	1.1 U	1.0 U
Arsenic	(mg/kg)	13	16	4.9	1.0 U	3.4	1.0 U
Barium	(mg/kg)	350	350	110	15	130	16
Beryllium	(mg/kg)	7.2	14	0.39	0.13	0.23	0.14
Cadmium	(mg/kg)	2.5	2.5	0.66	0.5 U	0.57	1.0 U
Calcium	(mg/kg)			20000	470	18000	500
Chromium	(mg/kg)	30	36	11	6.1	8.9	5.2
Cobalt	(mg/kg)		30	4.7	2.6	3.2	2.8
Copper	(mg/kg)	50	270	20	4.5	26	5.0
Iron	(mg/kg)		2000	[13000]	[6000]	[8200]	[6300]
Lead	(mg/kg)	63	400	[460]	0.98	[360]	1.7
Magnesium	(mg/kg)			8000	980	9100	770
Manganese	(mg/kg)	1600	2000	230	10	190	200
Mercury	(mg/kg)	0.18	0.81	[0.84]	0.0052 U	0.096	0.0052 U
Nickel	(mg/kg)	30	140	10	10	8.7	10
Potassium	(mg/kg)			740	550	620	420
Selenium	(mg/kg)	3.9	36	1.1 U	1.0 U	1.1 U	1 U
Silver	(mg/kg)	2	36	1.8	0.52 U	0.79	0.52 U
Sodium	(mg/kg)			370	100 U	190	100 U
Thallium	(mg/kg)			1.1 U	1.0 U	1.1 U	1.0 U
Vanadium	(mg/kg)		100	14	6.8	18	5.6
Zinc	(mg/kg)	109	2200	[180]	10	[130]	10

See the Endnotes following the last page of this Table.

Table 5
 Soil Analytical Results
 Metals
 Bluestone Jamaica I, LLC
 90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/15/2012 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE			SB-03	SB-03	SB-04	SB-04
	LAB SAMPLE ID	6NYCRR PART 375	6NYCRR PART 375	0806007_5	0806007_9	0806007_2	0806007_12
	DATE	Unrestricted	AND CP-51	06/09/2008	06/09/2008	06/09/2008	06/10/2008
	RESULT TYPE	SCO	RESIDENTIAL	Primary	Primary	Primary	Primary
Starting Depth	(feet)			0.00	38.00	0.00	38.00
Ending Depth	(feet)			2.00	40.00	2.00	40.00
Aluminum	(mg/kg)			12000	2000	12000	2700
Antimony	(mg/kg)			1.2	1.0 U	1.4	1.0 U
Arsenic	(mg/kg)	13	16	4.6	1.0 U	3.8	1.0 U
Barium	(mg/kg)	350	350	110	18	98	18
Beryllium	(mg/kg)	7.2	14	0.52	0.13	0.57	0.17
Cadmium	(mg/kg)	2.5	2.5	0.71	0.52 U	0.60	0.52 U
Calcium	(mg/kg)			2900	530	4500	920
Chromium	(mg/kg)	30	36	15	5.0	15	8.2
Cobalt	(mg/kg)		30	7.8	2.3	5.2	2.7
Copper	(mg/kg)	50	270	38	3.8	14	5.7
Iron	(mg/kg)		2000	[12000]	[5100]	[11000]	[13000]
Lead	(mg/kg)	63	400	[380]	1.0 U	[130]	1.5
Magnesium	(mg/kg)			2100	750	3200	880
Manganese	(mg/kg)	1600	2000	520	97	24	260
Mercury	(mg/kg)	0.18	0.81	[0.26]	0.0052 U	0.17	0.0052 U
Nickel	(mg/kg)	30	140	13	8.1	11	14
Potassium	(mg/kg)			660	550	740	500
Selenium	(mg/kg)	3.9	36	1.2 U	1.0 U	1.2 U	1.0 U
Silver	(mg/kg)	2	36	0.59 U	0.52 U	0.86	0.52 U
Sodium	(mg/kg)			160	100 U	380	100 U
Thallium	(mg/kg)			1.2 U	1.0 U	1.2 U	1.0 U
Vanadium	(mg/kg)		100	20	5.4	20	9.7
Zinc	(mg/kg)	109	2200	82	9.1	61	11

See the Endnotes following the last page of this Table.

Table 5
Soil Analytical Results
Metals
Bluestone Jamaica I, LLC
90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/15/2012 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE			SB-05	SB-05	SB-06	SB-06
	LAB SAMPLE ID	6NYCRR PART 375	6NYCRR PART 375	0806007_3	0806007_10	0806007_6	0806007_7
	DATE	Unrestricted	AND CP-51	06/09/2008	06/09/2008	06/09/2008	06/09/2008
	RESULT TYPE	SCO	RESIDENTIAL	Primary	Primary	Primary	Primary
Starting Depth	(feet)			0.00	38.00	0.00	38.00
Ending Depth	(feet)			2.00	40.00	2.00	40.00
Aluminum	(mg/kg)			9900	4700	10000	2200
Antimony	(mg/kg)			1.2 U	1.2	1.2 U	1.0 U
Arsenic	(mg/kg)	13	16	5.2	1.1 U	4.2	1.0 U
Barium	(mg/kg)	350	350	130	18	120	27
Beryllium	(mg/kg)	7.2	14	0.63	0.27	0.53	0.12
Cadmium	(mg/kg)	2.5	2.5	0.79	0.79	0.62	0.52 U
Calcium	(mg/kg)			7100	540	3600	650
Chromium	(mg/kg)	30	36	15	17	15	6.3
Cobalt	(mg/kg)		30	5.1	2.8	4.7	4.5
Copper	(mg/kg)	50	270	[79]	6.2	49	4.8
Iron	(mg/kg)		2000	[11000]	[20000]	[11000]	[6100]
Lead	(mg/kg)	63	400	[380]	1.7	[170]	2.1
Magnesium	(mg/kg)			2900	760	2100	810
Manganese	(mg/kg)	1600	2000	320	190	310	210
Mercury	(mg/kg)	0.18	0.81	[0.39]	0.0052 U	[0.30]	0.0052 U
Nickel	(mg/kg)	30	140	13	19	11	11
Potassium	(mg/kg)			690	570	620	670
Selenium	(mg/kg)	3.9	36	1.2 U	1.1 U	1.2 U	1.0 U
Silver	(mg/kg)	2	36	0.6 U	0.53 U	0.58 U	0.52 U
Sodium	(mg/kg)			310	110 U	160	100 U
Thallium	(mg/kg)			1.2 U	1.1 U	1.2 U	1.0 U
Vanadium	(mg/kg)		100	27	19	22	6.2
Zinc	(mg/kg)	109	2200	[230]	15	69	10

See the Endnotes following the last page of this Table.

Table 5
Soil Analytical Results
Metals
Bluestone Jamaica I, LLC
90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/15/2012 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE			SB-07	SB-08	SB-09	SB-09
	LAB SAMPLE ID	6NYCRR PART 375	6NYCRR PART 375	JB9125-5	JB9125-6	JB9125-12	JB9125-11
	DATE	Unrestricted	AND CP-51	06/15/2012	06/15/2012	06/15/2012	06/15/2012
	RESULT TYPE	SCO	RESIDENTIAL	Primary	Primary	Primary	Duplicate 1
Starting Depth	(feet)			13.00	13.00	13.00	13.00
Ending Depth	(feet)			15.00	16.00	15.00	15.00
Aluminum	(mg/kg)			3390	3900	2950	2700
Antimony	(mg/kg)			2.0 U	2.1 U	2.1 U	2.0 U
Arsenic	(mg/kg)	13	16	2.3	2.1 U	2.1 U	2.0 U
Barium	(mg/kg)	350	350	28.7	21 U	23.8	20 U
Beryllium	(mg/kg)	7.2	14	0.38	0.27	0.23	0.20 U
Cadmium	(mg/kg)	2.5	2.5	0.51 U	0.53 U	0.53 U	0.51 U
Calcium	(mg/kg)			664	1040	912	510 U
Chromium	(mg/kg)	30	36	12.8	18.4	11.1	8.8
Cobalt	(mg/kg)		30	5.1 U	5.3 U	5.3 U	5.1 U
Copper	(mg/kg)	50	270	7.7	9.3	16.2	6.6
Iron	(mg/kg)		2000	[31700]	[12200]	[19100]	[12400]
Lead	(mg/kg)	63	400	2.0 U	6.6	2.1 U	2.0 U
Magnesium	(mg/kg)			1060	1360	993	884
Manganese	(mg/kg)	1600	2000	422	195	307	393
Mercury	(mg/kg)	0.18	0.81	0.033 U	0.036 U	0.11	0.036 U
Nickel	(mg/kg)	30	140	7.1	9.4	6.5	6.4
Potassium	(mg/kg)			1000 U	1100 U	1100 U	1000 U
Selenium	(mg/kg)	3.9	36	2.0 U	2.1 U	2.1 U	2.0 U
Silver	(mg/kg)	2	36	0.51 U	0.53 U	0.53 U	0.51 U
Sodium	(mg/kg)			1000 U	1100 U	1100 U	1000 U
Thallium	(mg/kg)			1.0 U	1.1 U	1.1 U	1.0 U
Vanadium	(mg/kg)		100	22.4	14.4	24.6	13.8
Zinc	(mg/kg)	109	2200	16.8	15.9	14.5	12.5

See the Endnotes following the last page of this Table.

Table 5
Soil Analytical Results
Metals
Bluestone Jamaica I, LLC
90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/15/2012 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE			SB-10	SB-11	SB-12
	LAB SAMPLE ID	6NYCRR PART 375	6NYCRR PART 375	JB9125-7	JB9125-8	JB9125-9
	DATE	Unrestricted	AND CP-51	06/15/2012	06/15/2012	06/15/2012
	RESULT TYPE	SCO	RESIDENTIAL	Primary	Primary	Primary
Starting Depth	(feet)			13.00	13.00	13.00
Ending Depth	(feet)			15.00	15.00	15.00
Aluminum	(mg/kg)			2880	3080	3900
Antimony	(mg/kg)			2.2 U	2.1 U	2.1 U
Arsenic	(mg/kg)	13	16	2.2 U	2.1 U	2.1 U
Barium	(mg/kg)	350	350	22 U	21 U	35.2
Beryllium	(mg/kg)	7.2	14	0.22 U	0.21	0.28
Cadmium	(mg/kg)	2.5	2.5	0.55 U	0.53 U	0.52 U
Calcium	(mg/kg)			550	580	4510
Chromium	(mg/kg)	30	36	8.1	8.1	12.3
Cobalt	(mg/kg)		30	5.5 U	5.3 U	5.2 U
Copper	(mg/kg)	50	270	7.4	9.3	12.7
Iron	(mg/kg)		2000	[14000]	[12500]	[16600]
Lead	(mg/kg)	63	400	2.2 U	2.1 U	21.4
Magnesium	(mg/kg)			893	1100	1560
Manganese	(mg/kg)	1600	2000	260	174	267
Mercury	(mg/kg)	0.18	0.81	0.034 U	0.032 U	0.044
Nickel	(mg/kg)	30	140	6.0	5.9	13.7
Potassium	(mg/kg)			1100 U	1100 U	1000 U
Selenium	(mg/kg)	3.9	36	2.2 U	2.1 U	2.1 U
Silver	(mg/kg)	2	36	0.55 U	0.53 U	0.71
Sodium	(mg/kg)			1100 U	1100 U	1000 U
Thallium	(mg/kg)			1.1 U	1.1 U	1.0 U
Vanadium	(mg/kg)		100	14.2	12.7	23.9
Zinc	(mg/kg)	109	2200	12.1	16.2	35.8

See the Endnotes following the last page of this Table.

Table 5
Soil Analytical Results
Metals
Bluestone Jamaica I, LLC
90-11 & 90-14 161st Street, Queens, New York

Notes:

- mg/kg = milligrams per kilogram (parts per million; ppm).
- All depth measurements are in feet (ft) below ground surface.
- 6NYCRR Part 375 Unrestricted SCO = New York State Department of Environmental Conservation (NYSDEC) Unrestricted Use Soil Cleanup Objective (SCO) as presented in Title 6 of the Official Compilation of New York Codes, Rules and Regulations (6 NYCRR) Subpart 375-6.8(b).
- 6NYCRR Part 375AND CP-51 RESIDENTIAL = New York State Department of Environmental Conservation (NYSDEC) Restricted Soil Cleanup Objective (SCO) Residential as presented in Title 6 of the Official Compilation of New York Codes, Rules and Regulations (6 NYCRR) Subpart 375-6.8(b). Includes Final Commissioner Policy CP-51 / Soil Cleanup Guidance, October 21, 2010.
- Bracketed and highlighted values indicate a positive concentration that exceeds the lower of the two SCO.

Qualifiers

no qualifier	The compound was positively identified at the associated numerical value which is the concentration of the compound in the sample.
U	Non-Detect. The compound was analyzed for, but not detected. The associated numerical value is the reporting limit. The value is usable as a non-detect at the reporting limit.

Table 6
 Groundwater Sampling Results
 Volatile Organic Compounds (VOCs)
 Bluestone Jamaica I, LLC
 90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/15/2012 - Inclusive

SAMPLE TYPE: Water

CONSTITUENT	SITE		GW-01	GW-06	GW-07	GW-07	GW-08
	LAB SAMPLE ID		0806007_14	0806007_8	JB9125-3	JB9125-10	JB9125-4
	DATE	NYSDEC	06/10/2008	06/09/2008	06/15/2012	06/15/2012	06/15/2012
	RESULT TYPE	TOGS	Primary	Primary	Primary	Duplicate 1	Primary
1,1,1,2-Tetrachloroethane	(ug/l)	5	1 U	1 U	NA	NA	NA
1,1,1-Trichloroethane	(ug/l)	5	1 U	1 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	(ug/l)	5	1 U	1 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	(ug/l)	1	1 U	1 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	(ug/l)	5	1 U	1 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	(ug/l)	5	1 U	1 U	1.0 U	1.0 U	1.0 U
1,1-Dichloropropene	(ug/l)	5	1 U	1 U	NA	NA	NA
1,2,3-Trichlorobenzene	(ug/l)	5	1 U	1 U	5.0 U	5.0 U	5.0 U
1,2,3-Trichloropropane	(ug/l)	5	1 U	1 U	NA	NA	NA
1,2,4-Trichlorobenzene	(ug/l)	5	1 U	1 U	5.0 U	5.0 U	5.0 U
1,2,4-Trimethylbenzene	(ug/l)	5	1 U	1 U	NA	NA	NA
1,2-Dibromo-3-chloropropane	(ug/l)	0.04	NA	NA	10 U	10 U	10 U
1,2-Dibromoethane	(ug/l)	0.0006	1 U	1 U	2.0 U	2.0 U	2.0 U
1,2-Dichlorobenzene	(ug/l)	3	1 U	1 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	(ug/l)	0.6	1 U	1 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	(ug/l)	1	1 U	1 U	1.0 U	1.0 U	1.0 U
1,3,5-Trimethylbenzene	(ug/l)	5	1 U	1 U	NA	NA	NA
1,3-Dichlorobenzene	(ug/l)	3	1 U	1 U	1.0 U	1.0 U	1.0 U
1,3-Dichloropropane	(ug/l)	5	1 U	1 U	NA	NA	NA
1,4-Dichlorobenzene	(ug/l)	3	1 U	1 U	1.0 U	1.0 U	1.0 U
1,4-Dioxane	(ug/l)		NA	NA	130 U	130 U	130 U
2-Butanone	(ug/l)	50	1 U	1 U	10 U	10 U	10 U
2-Chlorotoluene	(ug/l)	5	1 U	1 U	NA	NA	NA
2-Hexanone	(ug/l)	50	NA	NA	5.0 U	5.0 U	5.0 U
2-Nitropropane	(ug/l)		1 U	1 U	NA	NA	NA
4-Chlorotoluene	(ug/l)	5	1 U	1 U	NA	NA	NA
4-Methyl-2-Pentanone	(ug/l)		1 U	1 U	5.0 U	5.0 U	5.0 U
Acetone	(ug/l)	50	5 U	5 U	10 U	10 U	10 U
Acrylonitrile	(ug/l)	5	1 U	1 U	NA	NA	NA

See the Endnotes following the last page of this Table.

Table 6
Groundwater Sampling Results
Volatile Organic Compounds (VOCs)
Bluestone Jamaica I, LLC
90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/15/2012 - Inclusive

SAMPLE TYPE: Water

CONSTITUENT	SITE		GW-01	GW-06	GW-07	GW-07	GW-08
	LAB SAMPLE ID		0806007_14	0806007_8	JB9125-3	JB9125-10	JB9125-4
	DATE	NYSDEC	06/10/2008	06/09/2008	06/15/2012	06/15/2012	06/15/2012
	RESULT TYPE	TOGS	Primary	Primary	Primary	Duplicate 1	Primary
Allyl chloride	(ug/l)		1 U	1 U	NA	NA	NA
Benzene	(ug/l)	1	1 U	1 U	1.0 U	1.0 U	1.0 U
Bromobenzene	(ug/l)	5	1 U	1 U	NA	NA	NA
Bromochloromethane	(ug/l)	5	1 U	1 U	5.0 U	5.0 U	5.0 U
Bromodichloromethane	(ug/l)	50	1 U	1 U	1.0 U	1.0 U	1.0 U
Bromoform	(ug/l)	50	1 U	1 U	4.0 U	4.0 U	4.0 U
Bromomethane	(ug/l)	5	1 U	1 U	2.0 U	2.0 U	2.0 U
Carbon Disulfide	(ug/l)	60	1 U	1 U	2.0 U	2.0 U	2.0 U
Carbon Tetrachloride	(ug/l)	5	1 U	1 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	(ug/l)	5	1 U	1 U	1.0 U	1.0 U	1.0 U
Chlorodifluoromethane	(ug/l)	5	5 U	5 U	NA	NA	NA
Chloroethane	(ug/l)	5	1 U	1 U	1.0 U	1.0 U	1.0 U
Chloroform	(ug/l)	7	1 U	1 U	0.25 J	1.0 U	1.0 U
Chloromethane	(ug/l)	5	1 U	1 U	1.0 U	1.0 U	1.0 U
Chloroprene	(ug/l)		1 U	1 U	NA	NA	NA
cis-1,2-Dichloroethene	(ug/l)	5	1 U	1 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	(ug/l)	0.4	1 U	1 U	1.0 U	1.0 U	1.0 U
Cyclohexane	(ug/l)		NA	NA	5.0 U	5.0 U	5.0 U
Dibromochloromethane	(ug/l)	50	1 U	1 U	1.0 U	1.0 U	1.0 U
Dibromomethane	(ug/l)	5	1 U	1 U	NA	NA	NA
Dichlorodifluoromethane	(ug/l)	5	1 U	1 U	5.0 U	5.0 U	5.0 U
Diethyl ether	(ug/l)		1 U	1 U	NA	NA	NA
Ethanol	(ug/l)		25 U	25 U	NA	NA	NA
Ethylbenzene	(ug/l)	5	1 U	1 U	1.0 U	1.0 U	1.0 U
Freon 113	(ug/l)	5	1 U	1 U	5.0 U	5.0 U	5.0 U
Hexachlorobutadiene	(ug/l)	0.5	1 U	1 U	NA	NA	NA
Isopropyl Ether	(ug/l)		1 U	1 U	NA	NA	NA
Isopropylbenzene	(ug/l)	5	1 U	1 U	2.0 U	2.0 U	2.0 U
m+p-Xylene	(ug/l)	5	1 U	1 U	1.0 U	1.0 U	1.0 U

See the Endnotes following the last page of this Table.

Table 6
Groundwater Sampling Results
Volatile Organic Compounds (VOCs)
Bluestone Jamaica I, LLC
90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/15/2012 - Inclusive

SAMPLE TYPE: Water

CONSTITUENT	SITE		GW-01	GW-06	GW-07	GW-07	GW-08
	LAB SAMPLE ID		0806007_14	0806007_8	JB9125-3	JB9125-10	JB9125-4
	DATE	NYSDEC	06/10/2008	06/09/2008	06/15/2012	06/15/2012	06/15/2012
	RESULT TYPE	TOGS	Primary	Primary	Primary	Duplicate 1	Primary
Methacrylonitrile	(ug/l)		5 U	5 U	NA	NA	NA
Methyl Acetate	(ug/l)		NA	NA	5.0 U	5.0 U	5.0 U
Methyl acrylate	(ug/l)		1 U	1 U	NA	NA	NA
Methyl Cyclohexane	(ug/l)		NA	NA	5.0 U	5.0 U	5.0 U
Methyl Tertiary Butyl Ether	(ug/l)	10	1 U	1 U	1.0 U	1.0 U	1.0 U
Methylene Chloride	(ug/l)	5	1 U	1 U	2.0 U	2.0 U	2.0 U
Naphthalene	(ug/l)	10	1 U	1.1	NA	NA	NA
n-Butylbenzene	(ug/l)	5	1 U	1 U	NA	NA	NA
n-Propylbenzene	(ug/l)	5	1 U	1 U	NA	NA	NA
o-Xylene	(ug/l)	5	1 U	1 U	1.0 U	1.0 U	1.0 U
p-Isopropyltoluene	(ug/l)	5	1 U	1 U	NA	NA	NA
sec-Butylbenzene	(ug/l)	5	1 U	1 U	NA	NA	NA
Styrene	(ug/l)	5	1 U	1 U	5.0 U	5.0 U	5.0 U
tert-amyl alcohol	(ug/l)		1 U	1 U	NA	NA	NA
tert-Amyl methyl ether	(ug/l)		1 U	1 U	NA	NA	NA
tert-Buthyl ethyl ether	(ug/l)		1 U	1 U	NA	NA	NA
tert-Butylbenzene	(ug/l)	5	1 U	1 U	NA	NA	NA
Tertiary Butyl Alcohol	(ug/l)		1 U	1 U	NA	NA	NA
Tetrachloroethene	(ug/l)	5	1.2	3.5	0.48 J	0.34 J	1.0 U
Toluene	(ug/l)	5	1 U	1 U	1.0 U	1.0 U	0.26 J
trans-1,2-Dichloroethene	(ug/l)	5	1 U	1 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	(ug/l)	0.4	NA	NA	1.0 U	1.0 U	1.0 U
Trichloroethene	(ug/l)	5	1 U	1 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane	(ug/l)	5	1 U	1 U	5.0 U	5.0 U	5.0 U
Vinyl Acetate	(ug/l)		1 U	1 U	NA	NA	NA
Vinyl chloride	(ug/l)	2	1 U	1 U	1.0 U	1.0 U	1.0 U
Xylene (total)	(ug/l)	5	NA	NA	1.0 U	1.0 U	1.0 U

See the Endnotes following the last page of this Table.

Table 6
Groundwater Analytical Results
Volatile Organic Compounds (VOCs)
Bluestone Jamaica I, LLC
90-11 & 90-14 161st Street, Queens, New York

Notes:

- $\mu\text{g/l}$ = micrograms per liter (parts per billion; ppb).
- NYSDEC TOGS = Standards listed are the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 values.
- Bracketed values indicate exceedances of TOGS.
- NA – Compound not analyzed for.

Qualifiers

no qualifier	The compound was positively identified at the associated numerical value which is the concentration of the compound in the sample.
U	Non-Detect. The compound was analyzed for, but not detected. The associated numerical value is the reporting limit. The value is usable as a non-detect at the reporting limit.
J	Estimated value. The compound was detected at a concentration below the reporting limit but greater than the method detection limit (MDL). The value is usable as an estimated result.

Table 7
 Groundwater Sampling Results
 Semivolatile Organic Compounds (SVOCs)
 Bluestone Jamaica I, LLC
 90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/15/2012 - Inclusive

SAMPLE TYPE: Water

CONSTITUENT	SITE		GW-01	GW-06	GW-07	GW-07	GW-08
	LAB SAMPLE ID		0806007_14	0806007_8	JB9125-3	JB9125-10	JB9125-4
	DATE	NYSDEC	06/10/2008	06/09/2008	06/15/2012	06/15/2012	06/15/2012
	RESULT TYPE	TOGS	Primary	Primary	Primary	Duplicate 1	Primary
1,2,4,5-Tetrachlorobenzene	(ug/l)	5	NA	NA	2.0 U	2.0 U	2.2 U
1,2,4-Trichlorobenzene	(ug/l)	5	5 U	5 U	NA	NA	NA
1,2-Dichlorobenzene	(ug/l)	3	5 U	5 U	NA	NA	NA
1,3-Dichlorobenzene	(ug/l)	3	5 U	5 U	NA	NA	NA
1,4-Dichlorobenzene	(ug/l)	3	5 U	5 U	NA	NA	NA
2,2'-oxybis(1-Chloropropane)	(ug/l)		5 U	5 U	NA	NA	NA
2,3,4,6-Tetrachlorophenol	(ug/l)		NA	NA	5.0 U	5.0 U	5.6 U
2,4,5-Trichlorophenol	(ug/l)	1	5 U	5 U	5.0 U	5.0 U	5.6 U
2,4,6-Trichlorophenol	(ug/l)	1	5 U	5 U	5.0 U	5.0 U	5.6 U
2,4-Dichlorophenol	(ug/l)	5	5 U	5 U	5.0 U	5.0 U	5.6 U
2,4-Dimethylphenol	(ug/l)	1	5 U	5 U	5.0 U	5.0 U	5.6 U
2,4-Dinitrophenol	(ug/l)	10	5 U	5 U	20 U	20 U	22 U
2,4-Dinitrotoluene	(ug/l)	5	5 U	5 U	2.0 U	2.0 U	2.2 U
2,6-Dinitrotoluene	(ug/l)	5	5 U	5 U	2.0 U	2.0 U	2.2 U
2-Chloronaphthalene	(ug/l)	10	5 U	5 U	2.0 U	2.0 U	2.2 U
2-Chlorophenol	(ug/l)	1	5 U	5 U	5.0 U	5.0 U	5.6 U
2-Methylnaphthalene	(ug/l)		5 U	5 U	1.0 U	1.0 U	1.1 U
3,3-Dichlorobenzidine	(ug/l)	5	5 U	5 U	5.0 U	5.0 U	5.6 U
4,6-Dinitro-o-cresol	(ug/l)	1	5 U	5 U	20 U	20 U	22 U
4-Bromophenyl phenyl ether	(ug/l)		5 U	5 U	2.0 U	2.0 U	2.2 U
4-Chlorophenyl phenyl ether	(ug/l)		5 U	5 U	2.0 U	2.0 U	2.2 U
Acenaphthene	(ug/l)	20	5 U	5 U	1.0 U	1.0 U	1.1 U
Acenaphthylene	(ug/l)		5 U	5 U	1.0 U	1.0 U	1.1 U
Acetophenone	(ug/l)		NA	NA	0.59 J	2.0 U	0.69 J
Anthracene	(ug/l)	50	5 U	5 U	1.0 U	1.0 U	1.1 U
Atrazine	(ug/l)	7.5	NA	NA	5.0 U	5.0 U	5.6 U
Benzaldehyde	(ug/l)		NA	NA	5.0 U	5.0 U	5.6 U
Benzo(a)anthracene	(ug/l)	0.002	5 U	[59]	1.0 U	1.0 U	1.1 U
Benzo(a)pyrene	(ug/l)	0	5 U	5 U	1.0 U	1.0 U	1.1 U

See the Endnotes following the last page of this Table.

Table 7
 Groundwater Sampling Results
 Semivolatile Organic Compounds (SVOCs)
 Bluestone Jamaica I, LLC
 90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/15/2012 - Inclusive

SAMPLE TYPE: Water

CONSTITUENT	SITE		GW-01	GW-06	GW-07	GW-07	GW-08
	LAB SAMPLE ID		0806007_14	0806007_8	JB9125-3	JB9125-10	JB9125-4
	DATE	NYSDEC	06/10/2008	06/09/2008	06/15/2012	06/15/2012	06/15/2012
	RESULT TYPE	TOGS	Primary	Primary	Primary	Duplicate 1	Primary
Benzo(b)fluoranthene	(ug/l)	0.002	5 U	5 U	1.0 U	1.0 U	1.1 U
Benzo(ghi)perylene	(ug/l)		5 U	5 U	1.0 U	1.0 U	1.1 U
Benzo(k)fluoranthene	(ug/l)	0.002	5 U	5 U	1.0 U	1.0 U	1.1 U
Biphenyl	(ug/l)		NA	NA	1.0 U	1.0 U	1.1 U
Bis(2-chloroethoxy)methane	(ug/l)	5	5 U	5 U	2.0 U	2.0 U	2.2 U
Bis(2-chloroethyl)ether	(ug/l)	1	5 U	5 U	2.0 U	2.0 U	2.2 U
Bis(2-chloroisopropyl)ether	(ug/l)		NA	NA	2.0 U	2.0 U	2.2 U
Bis(2-ethylhexyl)phthalate (BEHP)	(ug/l)	5	5 U	5 U	2.0 U	2.0 U	2.2 U
Butyl benzyl phthalate	(ug/l)	50	5 U	5 U	2.0 U	2.0 U	2.2 U
Caprolactam	(ug/l)		NA	NA	2.0 U	2.0 U	2.2 U
Carbazole	(ug/l)		NA	NA	1.0 U	1.0 U	1.1 U
Chrysene	(ug/l)	0.002	5 U	[46]	1.0 U	1.0 U	1.1 U
Dibenzo(a,h)anthracene	(ug/l)		5 U	5 U	1.0 U	1.0 U	1.1 U
Dibenzofuran	(ug/l)		5 U	5 U	5.0 U	5.0 U	5.6 U
Diethyl phthalate	(ug/l)	50	5 U	5 U	2.0 U	2.0 U	2.2 U
Dimethyl phthalate	(ug/l)	50	5 U	5 U	2.0 U	2.0 U	2.2 U
Di-n-butyl phthalate	(ug/l)	50	50 U	50 U	2.0 U	2.0 U	2.2 U
Di-n-octyl phthalate	(ug/l)	50	5 U	5 U	2.0 U	2.0 U	2.2 U
Fluoranthene	(ug/l)	50	5 U	5 U	1.0 U	1.0 U	1.1 U
Fluorene	(ug/l)	50	5 U	5 U	1.0 U	1.0 U	1.1 U
Hexachlorobenzene	(ug/l)	0.04	5 U	5 U	1.0 U	1.0 U	1.1 U
Hexachlorobutadiene	(ug/l)	0.5	5 U	5 U	1.0 U	1.0 U	1.1 U
Hexachlorocyclopentadiene	(ug/l)	5	5 U	5 U	10 U	10 U	11 U
Hexachloroethane	(ug/l)	5	5 U	5 U	2.0 U	2.0 U	2.2 U
Indeno(1,2,3-cd)pyrene	(ug/l)	0.002	5 U	5 U	1.0 U	1.0 U	1.1 U
Isophorone	(ug/l)	50	5 U	5 U	2.0 U	2.0 U	2.2 U
m+p-Cresol	(ug/l)		NA	NA	2.0 U	2.0 U	2.2 U
m-Nitroaniline	(ug/l)	5	5 U	5 U	5.0 U	5.0 U	5.6 U
Naphthalene	(ug/l)	10	5 U	5 U	1.0 U	1.0 U	1.1 U

See the Endnotes following the last page of this Table.

Table 7
 Groundwater Sampling Results
 Semivolatile Organic Compounds (SVOCs)
 Bluestone Jamaica I, LLC
 90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/15/2012 - Inclusive

SAMPLE TYPE: Water

CONSTITUENT	SITE		GW-01	GW-06	GW-07	GW-07	GW-08
	LAB SAMPLE ID		0806007_14	0806007_8	JB9125-3	JB9125-10	JB9125-4
	DATE	NYSDEC	06/10/2008	06/09/2008	06/15/2012	06/15/2012	06/15/2012
	RESULT TYPE	TOGS	Primary	Primary	Primary	Duplicate 1	Primary
Nitrobenzene	(ug/l)	0.4	5 U	5 U	2.0 U	2.0 U	2.2 U
N-Nitrosodiphenylamine	(ug/l)	50	5 U	5 U	5.0 U	5.0 U	5.6 U
N-Nitrosodipropylamine	(ug/l)		5 U	5 U	2.0 U	2.0 U	2.2 U
o-Cresol	(ug/l)	1	5 U	5 U	2.0 U	2.0 U	2.2 U
o-Nitroaniline	(ug/l)	5	5 U	5 U	5.0 U	5.0 U	5.6 U
o-Nitrophenol	(ug/l)	1	5 U	5 U	5.0 U	5.0 U	5.6 U
p-Chloroaniline	(ug/l)	5	5 U	5 U	5.0 U	5.0 U	5.6 U
p-Chloro-m-cresol	(ug/l)	1	5 U	5 U	5.0 U	5.0 U	5.6 U
p-Cresol	(ug/l)	1	3 U	3 U	NA	NA	NA
Pentachlorophenol	(ug/l)	1	5 U	5 U	10 U	10 U	11 U
Phenanthrene	(ug/l)	50	5 U	5 U	1.0 U	1.0 U	1.1 U
Phenol	(ug/l)	1	5 U	5 U	2.0 U	2.0 U	2.2 U
p-Nitroaniline	(ug/l)	5	5 U	5 U	5.0 U	5.0 U	5.6 U
p-Nitrophenol	(ug/l)	1	5 U	5 U	10 U	10 U	11 U
Pyrene	(ug/l)	50	5 U	[56]	1.0 U	1.0 U	1.1 U

See the Endnotes following the last page of this Table.

Table 7
Groundwater Analytical Results
Semivolatile Organic Compounds (SVOCs)
Bluestone Jamaica I, LLC
90-11 & 90-14 161st Street, Queens, New York

Notes:

- $\mu\text{g/l}$ = micrograms per liter (parts per billion; ppb).
- NYSDEC TOGS = Standards listed are the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 values.
- Bracketed values indicate exceedances of TOGS.
- NA – Compound not analyzed for.

Qualifiers

no qualifier	The compound was positively identified at the associated numerical value which is the concentration of the compound in the sample.
U	Non-Detect. The compound was analyzed for, but not detected. The associated numerical value is the reporting limit. The value is usable as a non-detect at the reporting limit.
J	Estimated value. The compound was detected at a concentration below the reporting limit but greater than the method detection limit (MDL). The value is usable as an estimated result.

Table 8
Groundwater Sampling Results
Pesticides/Polychlorinated Biphenyls (Pest/PCBs)
Bluestone Jamaica I, LLC
90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/15/2012 - Inclusive

SAMPLE TYPE: Water

CONSTITUENT	SITE		GW-01	GW-06	GW-07	GW-07	GW-08
	LAB SAMPLE ID		0806007_14	0806007_8	JB9125-3	JB9125-10	JB9125-4
	DATE	NYSDEC	06/10/2008	06/09/2008	06/15/2012	06/15/2012	06/15/2012
	RESULT TYPE	TOGS	Primary	Primary	Primary	Duplicate 1	Primary
4,4'-DDD	(ug/l)	0.3	NA	NA	0.010 U	0.011 U	0.010 U
4,4'-DDE	(ug/l)	0.2	NA	NA	0.010 U	0.011 U	0.010 U
4,4'-DDT	(ug/l)	0.2	NA	NA	0.010 U	0.011 U	0.010 U
Aldrin	(ug/l)	0	NA	NA	0.010 U	0.011 U	0.010 U
alpha-BHC	(ug/l)	0.01	NA	NA	0.010 U	0.011 U	0.010 U
alpha-Chlordane	(ug/l)		NA	NA	0.010 U	0.011 U	0.049
beta-BHC	(ug/l)	0.04	NA	NA	0.010 U	0.011 U	0.010 U
delta-BHC	(ug/l)	0.04	NA	NA	0.010 U	0.011 U	0.010 U
Dieldrin	(ug/l)	0.004	NA	NA	0.010 U	0.011 U	0.010 U
Endosulfan I	(ug/l)		NA	NA	0.010 U	0.011 U	0.010 U
Endosulfan II	(ug/l)		NA	NA	0.010 U	0.011 U	0.010 U
Endosulfan sulfate	(ug/l)		NA	NA	0.010 U	0.011 U	0.010 U
Endrin	(ug/l)	0	NA	NA	0.010 U	0.011 U	0.010 U
Endrin aldehyde	(ug/l)	5	NA	NA	0.010 U	0.011 U	0.010 U
Endrin ketone	(ug/l)	5	NA	NA	0.010 U	0.011 U	0.010 U
gamma-BHC (Lindane)	(ug/l)	0.05	NA	NA	0.010 U	0.011 U	0.010 U
gamma-Chlordane	(ug/l)		NA	NA	0.010 U	0.011 U	0.057
Heptachlor	(ug/l)	0.04	NA	NA	0.010 U	0.011 U	0.010 U
Heptachlor epoxide	(ug/l)	0.03	NA	NA	0.010 U	0.011 U	0.010 U
Methoxychlor	(ug/l)	35	NA	NA	0.020 U	0.022 U	0.020 U
Toxaphene	(ug/l)	0.06	NA	NA	0.25 U	0.27 U	0.25 U
Aroclor 1016	(ug/l)		50 U	50 U	0.50 U	0.54 U	0.50 U
Aroclor 1221	(ug/l)		50 U	50 U	0.50 U	0.54 U	0.50 U
Aroclor 1232	(ug/l)		50 U	50 U	0.50 U	0.54 U	0.50 U
Aroclor 1242	(ug/l)		50 U	50 U	0.50 U	0.54 U	0.50 U
Aroclor 1248	(ug/l)		50 U	50 U	0.50 U	0.54 U	0.50 U
Aroclor 1254	(ug/l)		50 U	50 U	0.50 U	0.54 U	0.50 U
Aroclor 1260	(ug/l)		50 U	50 U	0.50 U	0.54 U	0.50 U
Aroclor-1262	(ug/l)		NA	NA	0.50 U	0.54 U	0.50 U

See the Endnotes following the last page of this Table.

Table 8
 Groundwater Sampling Results
 Pesticides/Polychlorinated Biphenyls (Pest/PCBs)
 Bluestone Jamaica I, LLC
 90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/15/2012 - Inclusive

SAMPLE TYPE: Water

CONSTITUENT	SITE LAB SAMPLE ID		GW-01 0806007_14	GW-06 0806007_8	GW-07 JB9125-3	GW-07 JB9125-10	GW-08 JB9125-4
	DATE	NYSDEC	06/10/2008	06/09/2008	06/15/2012	06/15/2012	06/15/2012
	RESULT TYPE	TOGS	Primary	Primary	Primary	Duplicate 1	Primary
Aroclor-1268	(ug/l)		NA	NA	0.50 U	0.54 U	0.50 U
Total PCBs	(ug/l)	0.09	0	0	0	0	0

See the Endnotes following the last page of this Table.

Table 8
Groundwater Analytical Results
Pesticides/Polychlorinated Biphenyls (Pest/PCBs)
Bluestone Jamaica I, LLC
90-11 & 90-14 161st Street, Queens, New York

Notes:

- $\mu\text{g/l}$ = micrograms per liter (parts per billion; ppb).
- NYSDEC TOGS = Standards listed are the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 values.
- Bracketed values indicate exceedances of TOGS.
- NA – Compound not analyzed for.

Qualifiers

- | | |
|--------------|---|
| no qualifier | The compound was positively identified at the associated numerical value which is the concentration of the compound in the sample. |
| U | Non-Detect. The compound was analyzed for, but not detected. The associated numerical value is the reporting limit. The value is usable as a non-detect at the reporting limit. |

Table 9
Groundwater Sampling Results
Metals

Bluestone Jamaica I, LLC
90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/15/2012 - Inclusive

SAMPLE TYPE: Water

CONSTITUENT	SITE		GW-01	GW-06	GW-07	GW-07	GW-08
	LAB SAMPLE ID		0806007_14	0806007_8	JB9125-3	JB9125-10	JB9125-4
	DATE	NYSDEC	06/10/2008	06/09/2008	06/15/2012	06/15/2012	06/15/2012
	RESULT TYPE	TOGS	Primary	Primary	Primary	Duplicate 1	Primary
Aluminum	(ug/l)		7300	10000	NA	NA	NA
Aluminum (Dissolved)	(ug/l)		NA	NA	200 U	200 U	200 U
Antimony	(ug/l)	3	[11]	[4500]	NA	NA	NA
Antimony (Dissolved)	(ug/l)	3	NA	NA	6.0 U	6.0 U	6.0 U
Arsenic	(ug/l)	25	5 U	1000 U	NA	NA	NA
Arsenic (Dissolved)	(ug/l)	25	NA	NA	3.0 U	3.0 U	3.0 U
Barium	(ug/l)	1000	210	[1900]	NA	NA	NA
Barium (Dissolved)	(ug/l)	1000	NA	NA	200 U	200 U	200 U
Beryllium	(ug/l)	3	110 U	100 U	NA	NA	NA
Beryllium (Dissolved)	(ug/l)	3	NA	NA	1.0 U	1.0 U	1.0 U
Cadmium	(ug/l)	5	5	500 U	NA	NA	NA
Cadmium (Dissolved)	(ug/l)	5	NA	NA	3.0 U	3.0 U	3.0 U
Calcium	(ug/l)		70000	1200000	NA	NA	NA
Calcium (Dissolved)	(ug/l)		NA	NA	70400	69500	84900
Chromium	(ug/l)	50	[65]	500 U	NA	NA	NA
Chromium (Dissolved)	(ug/l)	50	NA	NA	10 U	10 U	10 U
Cobalt	(ug/l)		17	500 U	NA	NA	NA
Cobalt (Dissolved)	(ug/l)		NA	NA	50 U	50 U	50 U
Copper	(ug/l)	200	40	1000 U	NA	NA	NA
Copper (Dissolved)	(ug/l)	200	NA	NA	10 U	10 U	10 U
Iron	(ug/l)	300	[25000]	[37000]	NA	NA	NA
Iron (Dissolved)	(ug/l)	300	NA	NA	100 U	100 U	100 U
Lead	(ug/l)	25	10	500 U	NA	NA	NA
Lead (Dissolved)	(ug/l)	25	NA	NA	3.0 U	3.0 U	3.0 U
Magnesium	(ug/l)	35000	18000	[200000]	NA	NA	NA
Magnesium (Dissolved)	(ug/l)	35000	NA	NA	13700	13600	17800
Manganese	(ug/l)	300	[1100]	[9800]	NA	NA	NA
Manganese (Dissolved)	(ug/l)	300	NA	NA	[3600]	[3330]	[2030]
Mercury	(ug/l)	0.7	1 U	1 U	NA	NA	NA

See the Endnotes following the last page of this Table.

Table 9
Groundwater Sampling Results
Metals
Bluestone Jamaica I, LLC
90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/15/2012 - Inclusive

SAMPLE TYPE: Water

CONSTITUENT	SITE		GW-01	GW-06	GW-07	GW-07	GW-08
	LAB SAMPLE ID		0806007_14	0806007_8	JB9125-3	JB9125-10	JB9125-4
	DATE	NYSDEC	06/10/2008	06/09/2008	06/15/2012	06/15/2012	06/15/2012
	RESULT TYPE	TOGS	Primary	Primary	Primary	Duplicate 1	Primary
Mercury (Dissolved)	(ug/l)	0.7	NA	NA	0.20 U	0.20 U	0.20 U
Nickel	(ug/l)	100	60	1000 U	NA	NA	NA
Nickel (Dissolved)	(ug/l)	100	NA	NA	33.5	32.7	26.5
Potassium	(ug/l)		8800	100000 U	NA	NA	NA
Potassium (Dissolved)	(ug/l)		NA	NA	10000 U	10000 U	10000 U
Selenium	(ug/l)	10	10 U	1000 U	NA	NA	NA
Selenium (Dissolved)	(ug/l)	10	NA	NA	10 U	10 U	10 U
Silver	(ug/l)	50	5 U	500 U	NA	NA	NA
Silver (Dissolved)	(ug/l)	50	NA	NA	10 U	10 U	10 U
Sodium	(ug/l)	20000	10000	[1700000]	NA	NA	NA
Sodium (Dissolved)	(ug/l)	20000	NA	NA	[109000]	[108000]	[113000]
Thallium	(ug/l)	0.5	5 U	1000 U	NA	NA	NA
Thallium (Dissolved)	(ug/l)	0.5	NA	NA	2.0 U	2.0 U	2.0 U
Vanadium	(ug/l)		23	500 U	NA	NA	NA
Vanadium (Dissolved)	(ug/l)		NA	NA	50 U	50 U	50 U
Zinc	(ug/l)	2000	80	1200	NA	NA	NA
Zinc (Dissolved)	(ug/l)	2000	NA	NA	20 U	20 U	20 U

See the Endnotes following the last page of this Table.

Table 9
Groundwater Analytical Results
Metals
Bluestone Jamaica I, LLC
90-11 & 90-14 161st Street, Queens, New York

Notes:

- $\mu\text{g/l}$ = micrograms per liter (parts per billion; ppb).
- NYSDEC TOGS = Standards listed are the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 values.
- Bracketed values indicate exceedances of TOGS.
- NA – Compound not analyzed for.

Qualifiers

- | | |
|--------------|---|
| no qualifier | The compound was positively identified at the associated numerical value which is the concentration of the compound in the sample. |
| U | Non-Detect. The compound was analyzed for, but not detected. The associated numerical value is the reporting limit. The value is usable as a non-detect at the reporting limit. |

Table 10
Soil Vapor Sampling Results
Volatile Organic Compounds (VOCs)
Bluestone Jamaica I, LLC
90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/15/2012 thru 06/15/2012 - Inclusive

SAMPLE TYPE: Air

CONSTITUENT	SITE	NYSDOH Guidance	SV-01	SV-02	SV-03	SV-04
	LAB SAMPLE ID		JB9116-1	JB9116-2	JB9116-3	JB9116-4
	DATE		06/15/2012	06/15/2012	06/15/2012	06/15/2012
1,1,1-Trichloroethane	(ug/m3)	100	4.4 U	4.4 U	4.4 U	4.4 U
1,1,2,2-Tetrachloroethane	(ug/m3)		5.5 U	5.5 U	5.5 U	5.5 U
1,1,2-Trichloroethane	(ug/m3)		4.4 U	4.4 U	4.4 U	4.4 U
1,1-Dichloroethane	(ug/m3)		3.2 U	3.2 U	3.2 U	3.2 U
1,1-Dichloroethene	(ug/m3)		3.2 U	3.2 U	3.2 U	3.2 U
1,2,4-Trichlorobenzene	(ug/m3)		5.9 U	5.9 U	5.9 U	5.9 U
1,2,4-Trimethylbenzene	(ug/m3)		68.3	48	50.1	59.5
1,2-Dibromoethane	(ug/m3)		6.1 U	6.1 U	6.1 U	6.1 U
1,2-Dichlorobenzene	(ug/m3)		4.8 U	4.8 U	4.8 U	4.8 U
1,2-Dichloroethane	(ug/m3)		3.2 U	3.2 U	3.2 U	3.2 U
1,2-Dichloropropane	(ug/m3)		3.7 U	3.7 U	3.7 U	3.7 U
1,3,5-Trimethylbenzene	(ug/m3)		20	14	14	17
1,3-Butadiene	(ug/m3)		1.8 U	1.8 U	1.8 U	1.8 U
1,3-Dichlorobenzene	(ug/m3)		4.8 U	4.8 U	4.8 U	4.8 U
1,4-Dichlorobenzene	(ug/m3)		4.8 U	4.8 U	4.8 U	4.8 U
1,4-Dioxane	(ug/m3)		2.9 U	2.9 U	2.9 U	2.9 U
2,2,4-Trimethylpentane	(ug/m3)		16	7.5	7.0	7.0
2-Butanone	(ug/m3)		39.8	25	27	21
2-Chlorotoluene	(ug/m3)		4.1 U	4.1 U	4.1 U	4.1 U
2-Hexanone	(ug/m3)		55.6	33	41.3	42.1
4-Ethyltoluene	(ug/m3)		16	11	11	13
4-Methyl-2-Pentanone	(ug/m3)		81.6	49.6	59.4	60.2
Acetone	(ug/m3)		815	337	432	397
Allyl chloride	(ug/m3)		2.5 U	2.5 U	2.5 U	2.5 U
Benzene	(ug/m3)		20	12	12	14
Benzyl chloride	(ug/m3)		4.1 U	4.1 U	4.1 U	4.1 U
Bromodichloromethane	(ug/m3)		5.4 U	5.4 U	5.4 U	5.4 U
Bromoform	(ug/m3)		8.3 U	8.3 U	8.3 U	8.3 U
Bromomethane	(ug/m3)		3.1 U	3.1 U	3.1 U	3.1 U

See the Endnotes following the last page of this Table.

Table 10
 Soil Vapor Sampling Results
 Volatile Organic Compounds (VOCs)
 Bluestone Jamaica I, LLC
 90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/15/2012 thru 06/15/2012 - Inclusive

SAMPLE TYPE: Air

CONSTITUENT	SITE	NYSDOH Guidance	SV-01	SV-02	SV-03	SV-04
	LAB SAMPLE ID		JB9116-1	JB9116-2	JB9116-3	JB9116-4
	DATE		06/15/2012	06/15/2012	06/15/2012	06/15/2012
Carbon Disulfide	(ug/m3)		10	5.3	5.0	9.3
Carbon Tetrachloride	(ug/m3)		5.0 U	5.0 U	5.0 U	5.0 U
Chlorobenzene	(ug/m3)		3.7 U	3.7 U	3.7 U	3.7 U
Chloroethane	(ug/m3)		2.1 U	2.1 U	2.1 U	2.1 U
Chloroform	(ug/m3)		3.9 U	3.9 U	3.9 U	3.9 U
Chloromethane	(ug/m3)		1.7 U	1.7 U	1.7 U	1.7 U
cis-1,2-Dichloroethene	(ug/m3)		3.2 U	3.2 U	3.2 U	3.2 U
cis-1,3-Dichloropropene	(ug/m3)		3.6 U	3.6 U	3.6 U	3.6 U
Cyclohexane	(ug/m3)		12	6.2	6.2	6.5
Dibromochloromethane	(ug/m3)		6.8 U	6.8 U	6.8 U	6.8 U
Dichlorodifluoromethane	(ug/m3)		3.5 J	2.7 J	3.0 J	2.6 J
Ethanol	(ug/m3)		20.3	22.4	24.3	17
Ethyl acetate	(ug/m3)		42.1	2.9 U	4.7	61.2
Ethylbenzene	(ug/m3)		40	28	27	30
Freon 113	(ug/m3)		6.1 U	6.1 U	6.1 U	6.1 U
Freon 114	(ug/m3)		5.6 U	5.6 U	5.6 U	5.6 U
Heptane	(ug/m3)		32	14	14	16
Hexachlorobutadiene	(ug/m3)		8.5 U	8.5 U	8.5 U	8.5 U
Hexane	(ug/m3)		34	22	21	19
Isopropyl Alcohol	(ug/m3)		2.0 U	2.0 U	4.4	3.2
m+p-Xylene	(ug/m3)		179	127	131	147
Methyl methacrylate	(ug/m3)		3.3 U	3.3 U	3.3 U	3.3 U
Methyl Tertiary Butyl Ether	(ug/m3)		2.9 U	2.9 U	2.9 U	2.9 U
Methylene Chloride	(ug/m3)		2.8 U	12	22	13
o-Xylene	(ug/m3)		59.1	41	42	46.9
Propylene	(ug/m3)		49.6	22.7	8.8	33.5
Styrene	(ug/m3)		3.4 U	3.4 U	3.4 U	3.4 U
Tertiary Butyl Alcohol	(ug/m3)		7.3	3.9	6.4	5.8
Tetrachloroethene	(ug/m3)	100	21	9.5	15	[111]

See the Endnotes following the last page of this Table.

[x]=Greater than Action Level

Table 10
 Soil Vapor Sampling Results
 Volatile Organic Compounds (VOCs)
 Bluestone Jamaica I, LLC
 90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/15/2012 thru 06/15/2012 - Inclusive
 SAMPLE TYPE: Air

CONSTITUENT	SITE		SV-01	SV-02	SV-03	SV-04
	LAB SAMPLE ID	NYSDOH	JB9116-1	JB9116-2	JB9116-3	JB9116-4
	DATE	Guidance	06/15/2012	06/15/2012	06/15/2012	06/15/2012
Tetrahydrofuran	(ug/m3)		2.4 U	2.4 U	2.4 U	2.4 U
Toluene	(ug/m3)		196	124	133	145
trans-1,2-Dichloroethene	(ug/m3)		3.2 U	3.2 U	3.2 U	3.2 U
trans-1,3-Dichloropropene	(ug/m3)		3.6 U	3.6 U	3.6 U	3.6 U
Trichloroethene	(ug/m3)	5.0	0.86 U	0.86 U	0.86 U	0.86 U
Trichlorofluoromethane	(ug/m3)		13	21	25	12
Vinyl Acetate	(ug/m3)		2.8 U	2.8 U	2.8 U	2.8 U
Vinyl bromide	(ug/m3)		3.5 U	3.5 U	3.5 U	3.5 U
Vinyl chloride	(ug/m3)		2.0 U	2.0 U	2.0 U	2.0 U
Xylene (total)	(ug/m3)		238	169	172	194

See the Endnotes following the last page of this Table.

Table 10
Soil Vapor Sampling Results
Volatile Organic Compounds (VOCs)
Bluestone Jamaica I, LLC
90-11 & 90-14 161st Street, Queens, New York

Notes:

- $\mu\text{g}/\text{m}^3$ = micrograms per cubic meter.
- NYSDOH Guidance = New York State Department Of Health's (NYSDOH) Guidance for Evaluating Soil Vapor Intrusion in the State of New York; Table 3.1 - Air guideline values derived by the NYSDOH.
- Bracketed values indicate exceedances of NYSDOH Guidance.

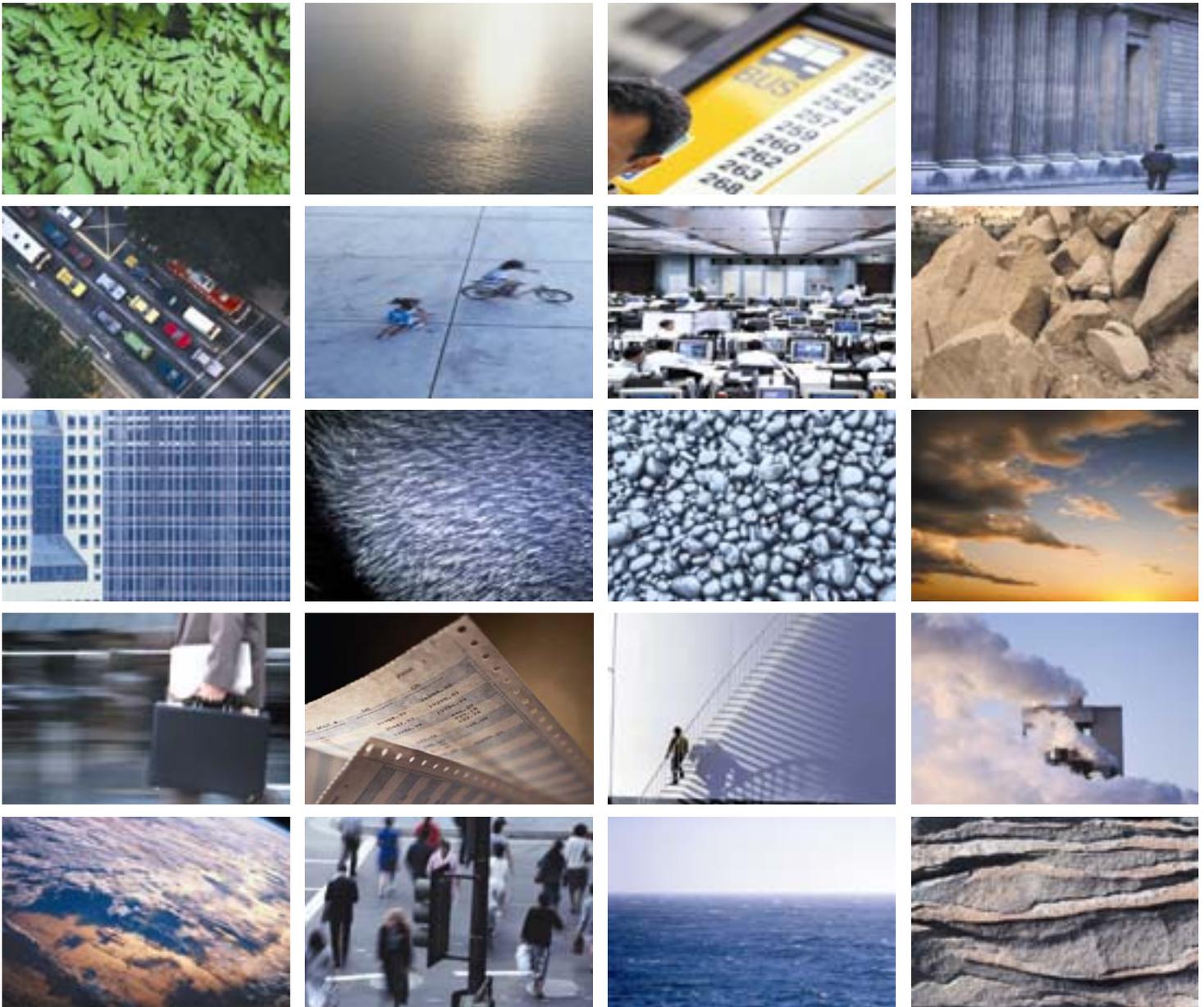
Qualifiers

no qualifier	The compound was positively identified at the associated numerical value which is the concentration of the compound in the sample.
U	Non-Detect. The compound was analyzed for, but not detected. The associated numerical value is the reporting limit. The value is usable as a non-detect at the reporting limit.
J	Estimated value. The compound was detected at a concentration below the reporting limit but greater than the method detection limit (MDL). The value is usable as an estimated result.

APPENDICES

APPENDIX A

Phase I ESA Report



Phase I Environmental Site Assessment

Queens, NY

Project No. 0082792

25 April 2008

ENVIRONMENTAL RESOURCES MANAGEMENT
520 Broad Hollow Road, Suite 210
Melville, New York 11747

Bluestone Jamaica I, LLC

Phase I Environmental Site Assessment

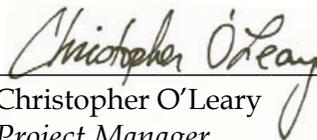
90-11 & 90-14 161st Street
Queens, New York 11432

25 April 2008

Project No: 0082792



Ernie Rossano
Principal-in-Charge



Christopher O'Leary
Project Manager

Environmental Resources Management
520 Broad Hollow Road, Suite 210
Melville, NY 11747

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Environmental Resources Management (ERM) was retained by Bluestone Jamaica I, LLC (the "Client") to perform a Phase I Environmental Site Assessment (ESA) of the properties located at 90-11 & 90-14 161st Street in Queens, New York (the "subject properties" or "sites") in connection with a potential transaction. The purpose of this assessment was to identify potential environmental liabilities associated with the subject property. Any exceptions to, or deletions from, this practice are described in Section 2.3 of this report.

The sites are situated in a commercial zoning area of Jamaica, Borough of Queens, New York. The subject properties are bound to the north by 90-04 161st Street - The Title Guarantee Company; to the south by residential apartments and a deli (90-20 161st Street); to the west by 160st Street and beyond by a parking garage; and to the east by 161st Street and beyond by 90-05 161st Street - an apartment building. The extent of the sites are approximately 15,000 square feet. The sites are owned by the Greater Jamaica Development Corporation. The site visits were conducted on 18 April 2008 by Christopher O'Leary of ERM's Melville, New York office. ERM was accompanied on the site visits by Mr. Edwin Rosado, a representative of the subject properties. 90-11 and 90-14 161st consists of two buildings built circa 1938. The buildings are each two floors with a basement and include residential lofts, office, and storage space. In addition, the properties have a 72' by 152' parking lot to the north of the buildings. The surface area of the sites consists of asphalt parking areas, concrete sidewalks and exposed soils.

Based on the data obtained during the site visit, the environmental database review, and interviews with persons familiar with the site and its history, ERM identified the following **Recognized Environmental Conditions (RECs)**¹ at the subject properties:

Historic Operations/Use

Review of historical Sanborn maps revealed that the sites maintained dwellings, the Chub Club, a club house, a trailer shop, stores, offices, and parking areas. Further, the New York City Department of Building

¹ A Recognized Environmental Condition (REC), as defined in ASTM E 1527-05, is "the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property, excluding de minimis conditions."

records indicated that the site was listed as an automatic self-service laundry store in 1947. No further information was made available during this assessment regarding the previous stores, the heating system of the buildings prior to gas connection, any chemical disposal practices of the former operations, or the removal of any petroleum tanks from the site. Based on these historic uses, the New York City Department of Planning has listed the site with an "e"-designation for hazardous material as part of rezoning. The designation was determined based on a preliminary investigation of the site. The results of the investigation indicated that the potential exists for hazardous materials to be present at the subject properties. Lots with "e"-designations may not be issued a building permit allowing: 1) any development; 2) any enlargement, extension or change of use involving residential or community facility use; and 3) any enlargement that disturbs the soil on the lots until the New York City Building Department is provided with a report from the New York City Department of Environmental Protection (NYCDEP) stating that the environmental "e"-designation requirements for the property have been met. Accordingly, a limited subsurface investigation is recommended to determine if the environmental quality of the sites have been adversely impacted by former on-site activities.

Additional Findings

Friable Asbestos Containing Material (ACM) was identified in the basement of the buildings. In order to comprehensively evaluate the presence or extent of the ACM at the sites, a comprehensive asbestos survey would be necessary. In the event that there is any future maintenance, renovation, or demolition activities, material should be evaluated for Possible Asbestos Containing Material (PACM) and/or managed as ACM, unless previously proven otherwise. The damaged areas should be properly abated. Additionally, it is recommended that an Operations and Maintenance (O&M) Plan be implemented to manage any remaining asbestos containing materials in the building.

2.0 INTRODUCTION

2.1 PURPOSE

Environmental Resources Management (ERM) was retained by Bluestone Jamaica I, LLC (the “Client”) to perform a Phase I Environmental Site Assessment (ESA) of the properties located at 90-11 & 90-14 161st Street in Queens, New York (the “subject properties” or “sites”) in connection with a potential transaction. The purpose of this assessment was to identify potential environmental liabilities associated with the subject properties. Any exceptions to, or deletions from, this practice are described in Section 2.3 of this report.

2.2 SCOPE OF WORK

This environmental assessment was conducted in conformance with ERM’s proposal dated 4 April 2008, and with the requirements of ASTM Standard E 1527-05 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process and the standards for conducting all appropriate inquiries set forth by the United States Environmental Protection Agency (USEPA) at 40 Code of Federal Regulations (CFR) Part 312.

The assessment was conducted to evaluate and identify conditions indicative of releases and threatened releases of hazardous substances and petroleum products on, at, in or to the subject properties. ERM’s Phase I ESA sought to gather information regarding: (1) current and past property users and occupancies; (2) current and past users of hazardous substances and petroleum products; (3) waste management and disposal activities that could have caused a release or threatened release of hazardous substances; (4) current and past corrective actions and response activities to address past and on-going releases of hazardous substances at the subject properties; (5) engineering controls at the subject properties; (6) institutional controls at the subject properties; and (7) properties adjoining or located near the subject properties that have environmental conditions that could have resulted in conditions indicative of releases or threatened releases of hazardous substances to the subject properties.

ERM’s Phase I ESA included:

- An on-site inspection of the subject properties to evaluate current conditions and identify areas of potential concern;
- A review of properties history through interviews and ownership records, and historical mapping;

- Observation of adjacent properties and the local area to evaluate the potential for adverse environmental impact to the subject properties; and
- Interviews/research of local city/county, tribal, state, and federal records, including contracting of Toxics Targeting, Inc. (TTI) to identify sites of concern as required in the regulatory records review section of the ASTM standards for a Phase I ESA, where available.

2.3 *LIMITING AND SPECIAL CONDITIONS*

2.3.1 *LIMITING CONDITIONS*

The weather during the site reconnaissance visit was sunny and the temperature approximately 57°F. An inspection of the roof tops was not performed during this assessment. In addition, due to the amount of automobile storage on the parking lot, a complete inspection of the surface could not be performed.

2.3.2 *SIGNIFICANT ASSUMPTIONS*

No significant assumptions have been made.

3.0 SITE DESCRIPTION

3.1 SITE LOCATION, PHYSICAL AND GENERAL SITE DESCRIPTION

90-11 and 90-14 161st Street in Queens, NY (the “subject properties”) consists of two buildings built circa 1938 with an approximate 15,000 square feet area of coverage. The buildings are each two floors with a basement and include residential lofts, office, and storage space. In addition, the property has a 72’ by 152’ parking lot to the north of the buildings. A site location map is provided as Figure 1. Photographs of the site are provided in Appendix A.

3.2 SUBJECT PROPERTY TOPOGRAPHY, GEOLOGY, AND HYDROGEOLOGY

According to the United States Geological Survey (USGS), Jamaica Quadrangle Map, the subject property elevation is on average approximately 61 feet above mean sea level (msl). The geologic setting in this area is characterized by urban land.

Groundwater beneath the subject property is estimated at 18 feet below existing grade. Based on topographic observations and the proximity of surface water bodies, it appears likely that groundwater flow would be to the southwest.

3.3 CURRENT OPERATIONS

Current operations at the subject property include:

90-11 160 Street – vacant office space.

90-14 161st Street – Safe Horizons (health care and support) and three vacant residential apartments.

The subject property is provided with:

- Water from the City of New York;
- Sewer service from City of New York;
- Electricity from Consolidated Edison; and
- Natural gas from KeySpan.

Solid waste generated at the subject property is disposed of in a compactor and roll-off containers for off-site recycling or disposal. The contents of the roll-off container are managed and disposed by the owner of management of the properties. According to Mr. Edwin Rosado and

the Toxics Targeting report, hazardous wastes are not generated at the subject properties.

3.4 NEIGHBORING PROPERTIES

The subject property is situated within a commercial (C4-2) zoning area. The abutting properties include:

Direction	Use/ Description
North	90-04 161 st Street – The Title Guarantee Company
East	161 st Street and beyond by 90-05 161 st Street - an apartment building.
South	Residential apartments and a deli (90-20 161 st Street)
West	160 st Street and beyond by a parking garage

The immediately adjacent properties did appear in two database listings within the databases searched by Toxics Targeting, Inc. (refer to Appendix B). A brief listing is provided below:

CLOSED STATUS TANK FAILURES IDENTIFIED

SALVATION ARMY

Address: 90-23 161ST ST QUEENS, NY 11432

Approximate distance from subject properties: 201 feet to the east

Spill Number: 0212020

Close Date: 03/06/2003

PETROLEUM BULK STORAGE FACILITIES

JAMAICA CENTER HOLDING CO. INC.

Facility Id: 2-607434

Address: 90-04 161 STREET QUEENS, NY 11432

Approximate distance from subject properties: 122 feet to the north-northwest

GREATER JAMAICA DEV CORP

Facility Id: NY04424

Address: 90-04 161 ST QUEENS, NY 11432

Approximate distance from subject properties: 122 feet to the north-northwest

SALVATION ARMY

Facility Id: NY08834

Address: 90-23 161 ST QUEENS, NY 11432

Approximate distance from subject properties: 201 feet to the east

4.0 *SITE RECONNAISSANCE*

4.1 *CHEMICAL USE/STORAGE*

The only chemicals used at the subject properties include small quantities of janitorial and other cleaning/disinfectant products. These products are stored at the site in one-gallon and smaller sized containers. All chemicals are stored indoors. No staining was observed around said chemicals.

4.2 *UNDERGROUND STORAGE TANKS (USTs)*

Mr. Edwin Rosado has no knowledge of USTs at the sites. ERM noted no visual evidence (i.e. pipes, vents, pumps, stains) during the site visit that would suggest the presence of USTs on the subject properties. According to site personnel and the regulatory review performed by TTI, there are no registered USTs on the subject properties.

4.3 *ABOVEGROUND STORAGE TANKS (ASTs)*

ERM noted no ASTs located at the subject properties.

4.4 *AIR EMISSIONS*

There are no air emission sources at the site (including boilers) that require air permitting or registrations. A natural gas fired boiler was observed in the 90-11 building. In addition, an electric hot water heater was observed in the building.

4.5 *WASTEWATER*

Wastewater discharges from the subject properties consist of sanitary wastewater from the buildings, public restrooms, and general cleaning. The subject properties are connected to the New York City Sewer District.

4.6 *STORM WATER*

The storm water from the sites flow to grade and the city sewer system. Storm water runoff generated on the roof and parking/access areas travels at grade to storm water drywells located in the street.

4.7 *POLYCHLORINATED BIPHENYLS (PCBs)*

ERM inspected the subject properties for types of equipment that have been historically associated with the use of PCBs as a dielectric fluid coolant and stabilizer.

Fluorescent lights were present in the buildings. Based on the age of the buildings, it is possible that the light ballasts contain PCBs.

There was no evidence of oil-filled transformers or large capacitors at the site that may contain PCB's.

4.8 *VISUAL INDICATIONS OF ON-SITE CONTAMINATION*

ERM noted no evidence of petroleum or chemical staining during the site visit to indicate past or current on-site contamination.

4.9 *VISUAL INDICATIONS OF ASBESTOS-CONTAINING MATERIALS*

ERM did observe potential Asbestos-Containing Materials (ACMs) in the basement of both buildings during the site visit. Historical records indicate that the buildings were constructed circa 1938. As a result, based on the age of the buildings, it appears ACMS are present.

5.0 RECORDS REVIEW

5.1 GENERAL INFORMATION

Based on interviews with site personnel and a review of historical photographs and records, the subject properties were utilized as a residential dwellings and the Chub Club until the early 1920s. From circa 1925 until the 1960s the subject properties maintained stores and residential dwellings. From the mid-1960s until the present, the subject properties have maintained stores, offices, and parking areas.

5.2 PREVIOUS ENVIRONMENTAL REPORTS

At the time of this assessment, Bluestone Jamaica I, LLC or the current property owner did not provide any previous Phase I ESA reports for the subject property.

5.3 HISTORICAL SOURCES OF INFORMATION

5.3.1 SANBORN MAPS

<i>Year</i>	<i>Relevant Information</i>
1891	Subject Properties: barn and residential dwelling Surrounding Area: residential dwellings
1897	Subject Properties: Chub Club and dwelling Surrounding Area: residential dwellings
1911	Subject Properties: Club House / Trailer Shop and residential dwellings Surrounding Area: synagogue and residential dwellings
1925	Subject Properties: stores and residential dwellings Surrounding Area: synagogue and residential dwellings
1951	Subject Properties: stores and residential dwellings Surrounding Area: synagogue, offices, and residential dwellings
1963	Subject Properties: stores, offices, and parking Surrounding Area: synagogue, offices, and parking
1967	Subject Properties: stores, offices, and parking Surrounding Area: synagogue, offices, and parking
1982	Subject Properties: stores, offices, and parking Surrounding Area: synagogue, offices, and parking
1990	Subject Properties: stores, offices, and parking Surrounding Area: synagogue, offices, and parking

6.0 RECORDS REVIEW/INTERVIEWS

6.1 AGENCY RECORD REVIEW

6.1.1 GOVERNMENT RECORDS

ERM sent a Freedom of Information Act Requests to the United States Environmental Protection Agency (USEPA) regarding environmental incidents on the subject properties. As of the date of this report, a response had not been received. ERM will forward any information received from the USEPA indicating material conditions or incidents upon receipt.

6.1.2 STATE RECORDS

ERM sent a Freedom of Information Act Requests to the New York State Department of Environmental Conservation (NYSDEC) regarding environmental incidents on the subject properties. As of the date of this report, a response had not been received. ERM will forward any information received from the NYSDEC indicating material conditions or incidents upon receipt.

6.1.3 CITY RECORDS

The New York City Building Department maintains records regarding permits issued for the construction of a building, renovations of the building, boiler specifications, and violations. The department also maintains a record of those lots with an "e" Designation on the Zoning Maps of the Zoning Resolution of the City of New York for potential hazardous material contamination ("haz-mat e lots"), as determined by the NYCDEP. Lots with said designation may not be issued a building permit allowing: 1) any development; 2) an enlargement, extension or change of use involving residential or community facility use; or 3) and enlargement that disturbs the soil on said lot unless and until the Department is provided with a report from DEP stating that the environmental requirements for the lot have been met. The New York City Building Department was contacted about the subject property and provided the following information:

1. The subject property was listed with an "e-175" designation. The NYC Department of Buildings Classification was 01- Office building.

2. The following Environmental Control Board (ECB) Violations were on file for the subject properties:

ECB #	Issued Date	Issues of Concerns
32033729Y	04/03/2002	Failure to maintain boiler - hazardous

3. The following Certificates of Occupancy were on filed for the subject properties:

CO #	Issued Date	Issues of Concerns
41711	07/09/1947	Cellar - boiler Room First - Automatic Self Service Laundry
113405	12/21/1956	Basement - Office and File Room 1 st Floor - Office 2 nd Floor - Office
129463	06/18/1959	Basement - Office and File Room 1 st Floor - Office 2 nd Floor - Office
203830	04/18/1986	Basement - Office and File Room 1 st Floor - Office 2 nd Floor - Office - Multiple Dwelling

4. The following New Building permits were on file for the subject properties:

Job #	Issued Date	Issues of Concerns
401182411	11/03/2000	Filing for the installation of gas piping as per plans
400043109	11/30/1989	New office layout in the basement
400899578	10/19/1998	Install split AC system and ductwork
401129346	08/08/2000	Filing for the installation of new mechanical equipment and related dunnage as per plans
40121688	02/20/2001	Installation of structural steel members for dunnage on the roof as per plans
401129346	02/27/2001	Document Withdrawn
401129346	02/27/2001	Filing for PAA for the removal of audit objections and fee adjustment

5. No other records of any environmental concerns were on file for the subject property.

ERM sent a Freedom of Information Act Requests to the New York City Fire Department and New York City Department of Environmental Protection (NYCDEP) regarding records of underground storage tanks and the storage of hazardous materials. As of the date of this report, responses have not been received. ERM will forward any information received from the New York City Fire Department and NYCDEP indicating material conditions or incidents upon receipt.

DATABASE RECORDS REVIEW

ERM contracted Toxics Targeting, Inc. (TTI) to conduct a database search of regulatory agency records. The report defines and summarizes the ASTM databases reviewed in the TTI report and notes if any sites (including the subject property) were identified within the specified radius. The complete database report is provided as Appendix B.

It should be noted that the computerized geocoding technology used in the database search is based on available census data and is only accurate to approximately ± 300 feet. The TTI report provides a list of unmapped sites for which inadequate location information was provided. ERM has reviewed the list of unmapped sites to determine if these sites are within the study radius. If the unmapped sites appeared likely to be within the search radius for a specific database, they are discussed in the sections that follow.

Based on maps of the area, the required database search radius for a given database, and the site reconnaissance, the orphan sites were identified as not being within the designated search distances.

Sites identified within the study radii were evaluated to determine if they are likely to have adversely impacted the subject property. The criteria used to evaluate the potential for adverse impact to the subject property include:

- Distance from the subject property;
- Expected depth and direction of groundwater and surface water flow;
- Expected storm water flow direction, and
- The presence/absence of documented contaminant releases at the identified sites that have not been remedied to the satisfaction of regulators.

6.2.1**SUBJECT PROPERTY**

The subject property was identified on the NYC database:

NYC Environmental Quality Review Requirements ("e") Sites

Listing: E-175

Effective Date: 09/10/2007

Description: Underground Gasoline Storage Tanks Testing Protocol & Window Wall Attenuation & Alternate Ventilation

6.2.2

SURROUNDING PROPERTIES

The surrounding properties identified in TTI's review of other databases are summarized in Table 2. The entire database report is available for review in Appendix C.

Table 2 Target Property and Surrounding Area Sites Identified

Database Searched	0 - 100 ft	100 ft - 1/8 mi
ASTM-Required 1 Mile Search		
National Priority List (NPL) Sites	0	0
NYS Inactive Hazardous Waste Disposal Site Registry	0	0
NYS Inactive Haz Waste Disposal Site Registry Qualifying	0	0
RCRA Corrective Action (CORRACTS) Sites	0	0
ASTM-Required 1/2 Mile Search		
Delisted National Priority List (NPL) Sites	0	0
CERCLIS Superfund Non-NFRAP Sites	0	0
CERCLIS Superfund NFRAP Sites	0	0
Brownfields Sites		
Voluntary Cleanup Program	0	0
Environmental Restoration Program	0	0
Brownfield Cleanup Program	0	0
NYSDEC Solid Waste Facilities / Landfills	0	0
RCRA Hazardous Waste Treatment, Storage, Disposal Sites	0	0
NYS Toxic Spills		
Active Tank Failures	0	0
Active Tank Test Failures	0	0
Active Spills - Unknown / Other Causes	0	0
Active Spills - Miscellaneous Causes	0	1
Closed Tank Failures	0	1
Closed Tank Test Failures	0	5
Closed Spills - Unknown / Other Causes	0	5
Closed Spills - Miscellaneous Causes	0	12
ASTM-Required Property & Adjacent Property (1/8 Mile Search)		
NYS Major Oil Storage Facilities	0	0
Local & State Petroleum Bulk Storage Sites	0	29
RCRA Hazardous Waste Generators & Transporters	0	10
NYS Chemical Bulk Storage Sites	0	0
Historic Utility Facilities	0	0
Non-ASTM Databases 1/2 Mile Search		
1934 NYC Municipal Waste Landfills	0	0
Hazardous Substance Waste Disposal Sites	0	0
Non-ASTM Databases 1/8 Mile Search		
Toxic Release Inventory Sites (TRI)	0	0
Permit Compliance System (PCS) Toxic Wastewater Discharges	0	0
Air Discharges	0	1
Civil & Administrative Enforcement Docket Facilities	0	0

6.3

INTERVIEWS

ERM interviewed Mr. Edwin Rosado regarding current and historical operations related to the subject properties. According to Mr. Rosado, the sites have been offices, patient care (Safe Horizons) and residential since the 1980s. Prior to that time the sites were owned and operated by Consolidated Edison.

7.0 USER PROVIDED INFORMATION

7.1 TITLE RECORDS/ENVIRONMENTAL LIENS, ACTIVITY USE LIMITATIONS

At the time of this assessment, Bluestone Jamaica I, LLC did not provide title records to the subject properties. An environmental lien search has been ordered for the site, but has not been received to date.

7.2 SPECIALIZED KNOWLEDGE

Bluestone Jamaica I, LLC has no specialized knowledge or experience related to the subject property or nearby properties.

7.3 COMMONLY KNOWN or REASONABLY ASCERTAINABLE INFORMATION

Bluestone Jamaica I, LLC has access to commonly known and reasonably ascertainable information associated with the subject property. That information is presented throughout this report in the relevant report sections.

7.4 VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES

According to Bluestone Jamaica I, LLC, the purchase price for the subject properties does not reasonably reflect the fair market value. Bluestone Jamaica I, LLC plans to develop the sites for retail, offices, and affordable housing.

7.5 OWNER, PROPERTY MANAGER, AND OCCUPANT INFORMATION

<i>Entity</i>	<i>Name</i>
Subject property owner	Greater Jamaica Development Corporation
Subject property manager	Mr. Edwin Rosado
Current subject property occupants	90-11 160 Street – vacant office space. 90-14 161 st Street - Safe Horizons and three vacant residential apartments.

8.0

DATA GAPS

The data gaps identified during the site assessment are summarized as follows. The significance of the data gaps with respect to the conclusions of this assessment is presented in Section 9.0.

<i>Data Gap</i>	<i>Source Consulted to Address Data Gap</i>	<i>Significance of Data Gap</i>
Freedom of Information (FOI) Requests	No responses have been received from the USEPA, NYSDEC, NYCDEP, and NYC Fire Department regarding the subject property. ERM reviewed TTI material, historical data, and NYC Department of Building Information.	Low
A chain of title	New York City Department of Finance – Office of the City Register	Low
No historical sources of information consulted in this assessment provided land uses prior to pre-development of the sites	New York City Department of building information and certificate of occupancy for the subject properties.	Low

‘Significance’ provides a qualitative indication of the implication of the identified data gap relative to the Environmental Professional’s (EP’s) ability to identify conditions indicative of releases or threatened releases to the subject property; the ‘significance’ of the data gaps are rated from low to high.

ERM has performed a Phase I Environmental Site Assessment with the scope and limitations of ASTM Practice E 1527-05 of the properties at 90-11 and 90-14 161st Street in Queens. Any exceptions to or deletions from this practice are described in Section 2.3.

Based on the data obtained during the site visit, the environmental database review, and interviews with persons familiar with the subject properties and its history, the following environmental conditions were identified at the subject properties:

Historic Operations/Use

Review of historical Sanborn maps revealed that the sites maintained dwellings, the Chub Club, a club house, a trailer shop, stores, offices, and parking areas. Further, the New York City Department of Building records indicated that the site was listed as an automatic self-service laundry store in 1947. No further information was made available during this assessment regarding the previous stores, the heating system of the buildings prior to gas connection, any chemical disposal practices of the former operations or the removal of any petroleum tanks from the site. Based on these historic uses, the New York City Department of Planning has listed the site with an "e"-designation for hazardous material as part of rezoning. The designation was determined based on a preliminary investigation of the site. The results of the investigation indicated that a potential exists for hazardous materials to be present at the subject properties. Lots with "e"-designations may not be issued a building permit allowing: 1) any development; 2) any enlargement, extension or change of use involving residential or community facility use; and 3) any enlargement that disturbs the soil on the lots until the New York City Building Department is provided with a report from the New York City Department of Environmental Protection (NYCDEP) stating that the environmental "e"-designation requirements for the property have been met. Accordingly, a limited subsurface investigation is recommended to determine if the environmental quality of the sites has been adversely impacted by former on-site activities.

Additional Findings

Friable Asbestos Containing Material (ACM) was identified in the basement of the buildings. In order to comprehensively evaluate the presence or extent of the ACM at the sites, a comprehensive asbestos survey would be necessary. In the event that there is any future maintenance, renovation, or demolition activities, material should be evaluated for Possible Asbestos Containing Material (PACM) and/or

managed as ACM, unless previously proven otherwise. The damaged areas should be properly abated. Additionally, it is recommended that an Operations and Maintenance (O&M) Plan be implemented to manage any remaining asbestos containing materials in the building.

QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONAL

This assessment was conducted by Mr. Christopher O'Leary of ERM's Melville, New York Office. Mr. Ernie Rossano of ERM reviewed the contents of this report. The professional qualifications for Mr. O'Leary and Mr. Rossano are included in *Appendix E*.

The signatures of Mr. O'Leary and Mr. Rossano are affixed onto the cover of this report. Mr. Rossano is the designated Environmental Professional for this project and prepared the following declaration.

- I declare that, to the best of our professional knowledge and belief, I meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312.
- I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject properties. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

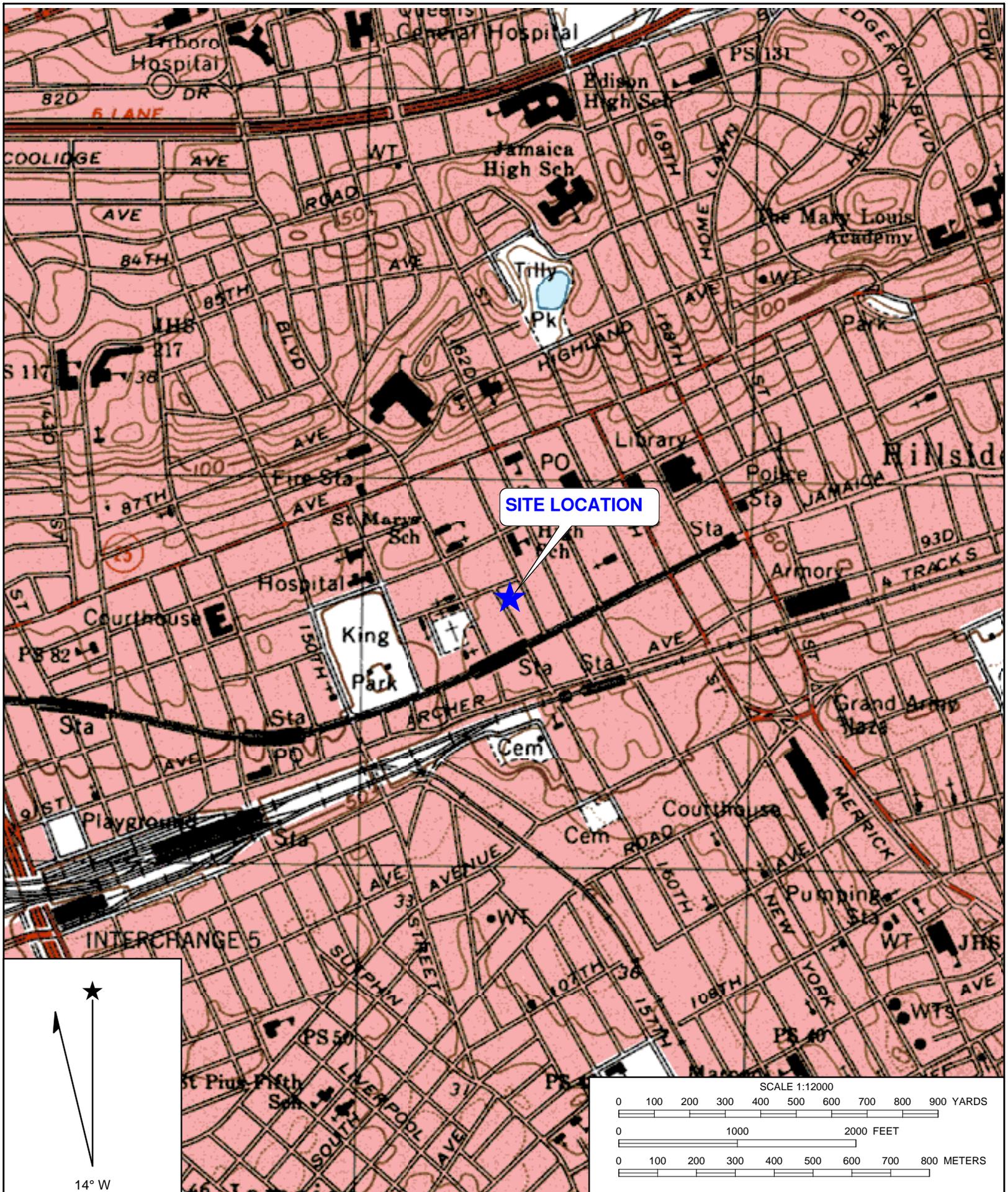
The innocent landowner, contiguous owner, and prospective purchaser defenses to liability under CERCLA require that a person acquiring property conduct an all appropriate inquiry with respect to the subject property. ERM has conducted this environmental assessment in accordance with the standards for conducting an all appropriate inquiry set forth at 40 CFR. Part 312. Those standards require the application of scientific principles and professional judgment to certain facts with resultant subjective interpretations and exercise of discretion. Professional judgments expressed herein are based on the facts currently available within the limits of the existing data, and data gaps identified herein, scope of work, budget, and schedule. Those standards also require that the client undertake certain additional inquiries. In addition, the liability defenses under CERCLA require, among several other things, that the client after the acquisition stop any continuing releases, prevent any future threatened releases and prevent or limit human, environmental or natural resource exposure to any hazardous substance released at the subject property.

Therefore, ERM makes no warranties, expressed or implied, including, without limitation, warranties as to merchantability or fitness for a particular purpose, including any warranty that this Phase I assessment will in fact qualify client for the innocent landowner, contiguous property owner or prospective purchaser defense to liability under CERCLA. ERM's assessment is limited strictly to identifying recognized environmental conditions associated with the subject property. Results of this assessment are based upon the visual site inspection of readily accessible areas of the subject property conducted by ERM personnel, information from interviews with knowledgeable persons regarding the site, information reviewed regarding historical uses, information provided by contacted regulatory agencies, and review of publicly available and practically reviewable information identifying current and historical uses of the property and surrounding properties. All conclusions and recommendations regarding the subject property represent the professional opinions of the ERM personnel involved with the project, and the results of this report should not be considered a legal interpretation of existing environmental regulations. ERM assumes no responsibility or liability for errors in the public data utilized, statements from sources outside of ERM, or developments resulting from situations outside the scope of this project. We make no warranties, expressed or implied, including, without limitation, warranties as to merchantability or fitness for a particular purpose.

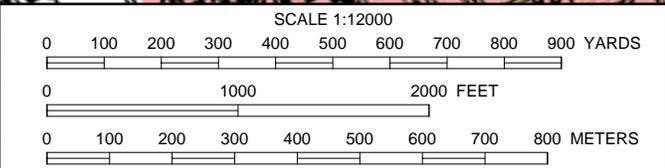
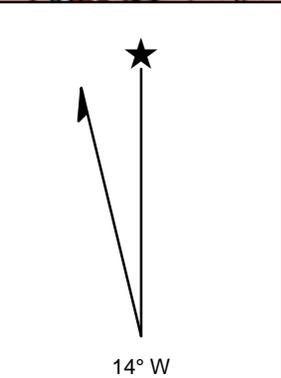
ERM acknowledges that the Bluestone Jamaica I, LLC, corporation, and its affiliates, and their respective successors and assigns may rely on the contents of this report.

Figures

Figure A
Site Location Map



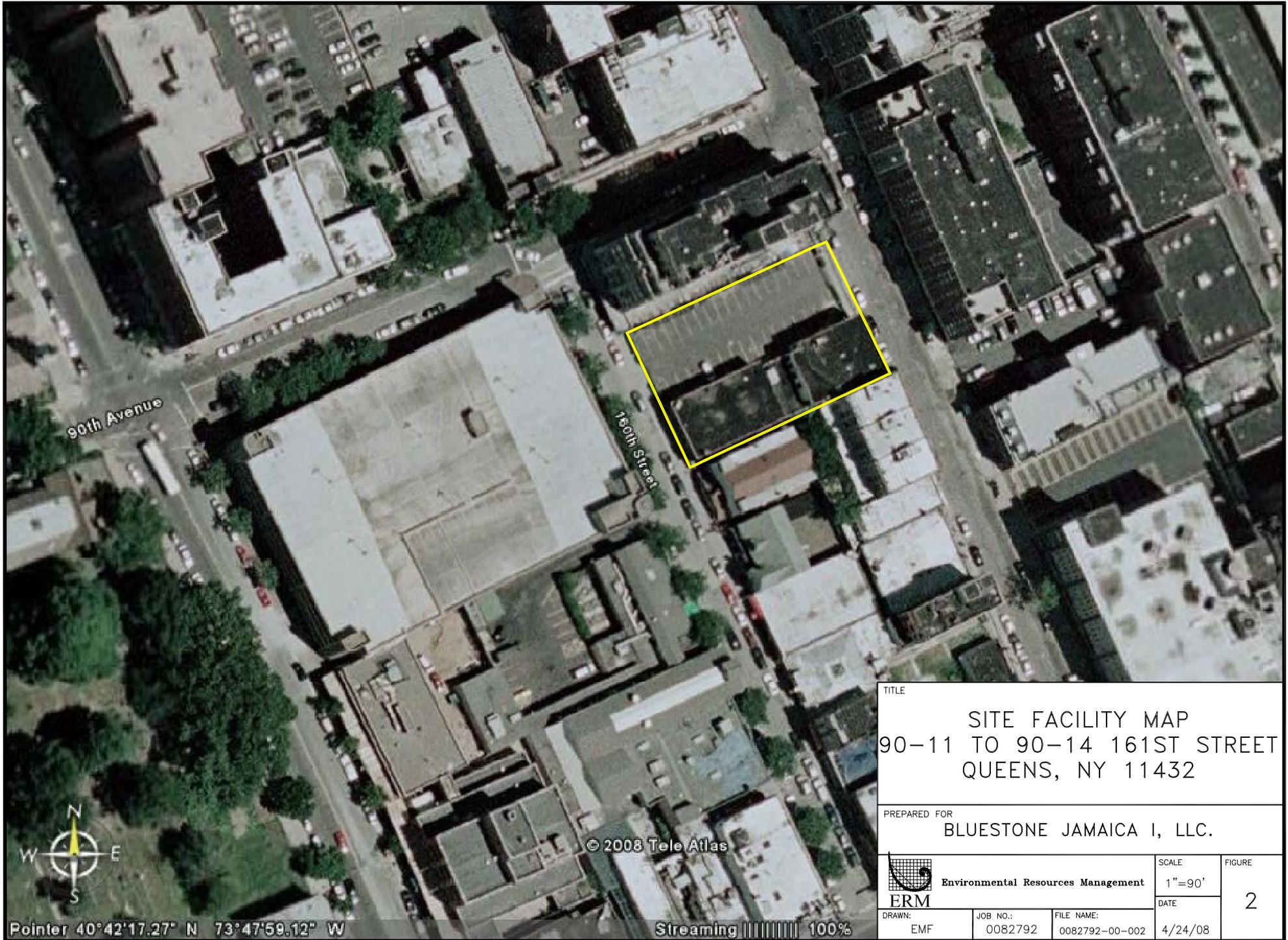
SITE LOCATION



Name: JAMAICA
 Date: 4/24/2008
 Scale: 1 inch equals 1000 feet

Location: 040° 42' 17.11" N 073° 48' 01.93" W
 Caption: Figure 1-Site Location Map
 90-11 to 90-14 161st Street
 Queens, NY 11432

Figure B
Site Plan



90th Avenue

161st Street

© 2008 Tele Atlas



Pointer 40°42'17.27" N 73°47'59.12" W

Streaming 100%

TITLE				SITE FACILITY MAP 90-11 TO 90-14 161ST STREET QUEENS, NY 11432	
PREPARED FOR				BLUESTONE JAMAICA I, LLC.	
 ERM Environmental Resources Management	SCALE	FIGURE		2	
	DATE	1"=90'			
DRAWN:	JOB NO.:	FILE NAME:	DATE		
EMF	0082792	0082792-00-002	4/24/08		

Appendices

Appendix A
Site Photographs

90-11 & 90-14 161st Street, Queens, NY
Date Photos Taken: 18 April 2008



Photo 1 View of the 90-14 building on the subject property facing west.



Photo 2 View the 90-11 building on the subject property facing east.



Photo 3 View the parking lot area on the subject property facing to the west.



Photo 4 View of the interior to the 90-11 building. (vacant office space)



Photo 5 View the slop sink in the 90-11 building.

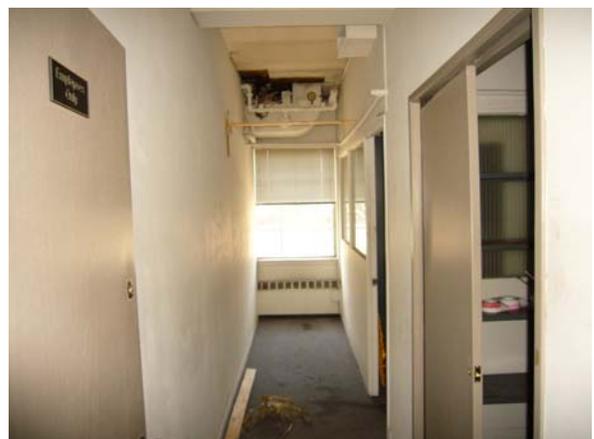


Photo 6 View of the interior office space of the 90-11 building.

90-11 & 90-14 161st Street, Queens, NY
Date Photos Taken: 18 April 2008



Photo 7 Another view of the interior of the 90-11 building.



Photo 8 View of the burner in the basement of the 90-11 building..



Photo 9 View of the storage area inside the basement of the 90-11 building on the subject property.



Photo 10 View of the floor tiles in the basement of the buildings.



Photo 11 View of the natural gas apparatus units in the basement of the 90-11 building.

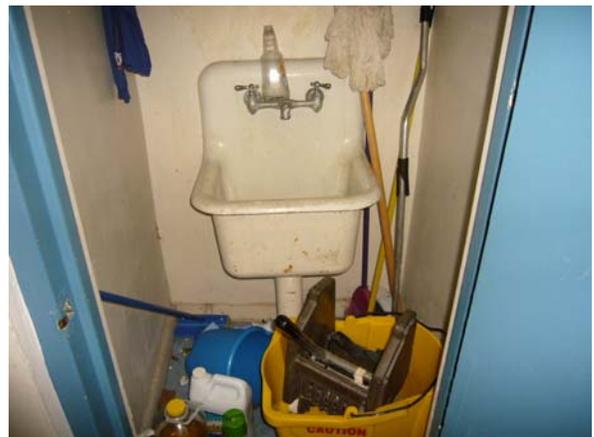


Photo 12 View of the slop sink in the basement of the 90-14 building.

90-11 & 90-14 161st Street, Queens, NY
Date Photos Taken: 18 April 2008



Photo 13 View of the storage area in the basement of the 90-14 building.



Photo 14 View of the vacant residential apartment in the 90-14 building.



Photo 15 Another view of the vacant residential apartment in the 90-14 building.



Photo 16 View of the parking garage beyond 160th street to the west of the subject property.



Photo 17 View of the Baptist Church to the south of the 90-11 building.



Photo 18 View of deli and residential property to the south of the 90-14 building.

90-11 & 90-14 161st Street, Queens, NY
Date Photos Taken: 18 April 2008



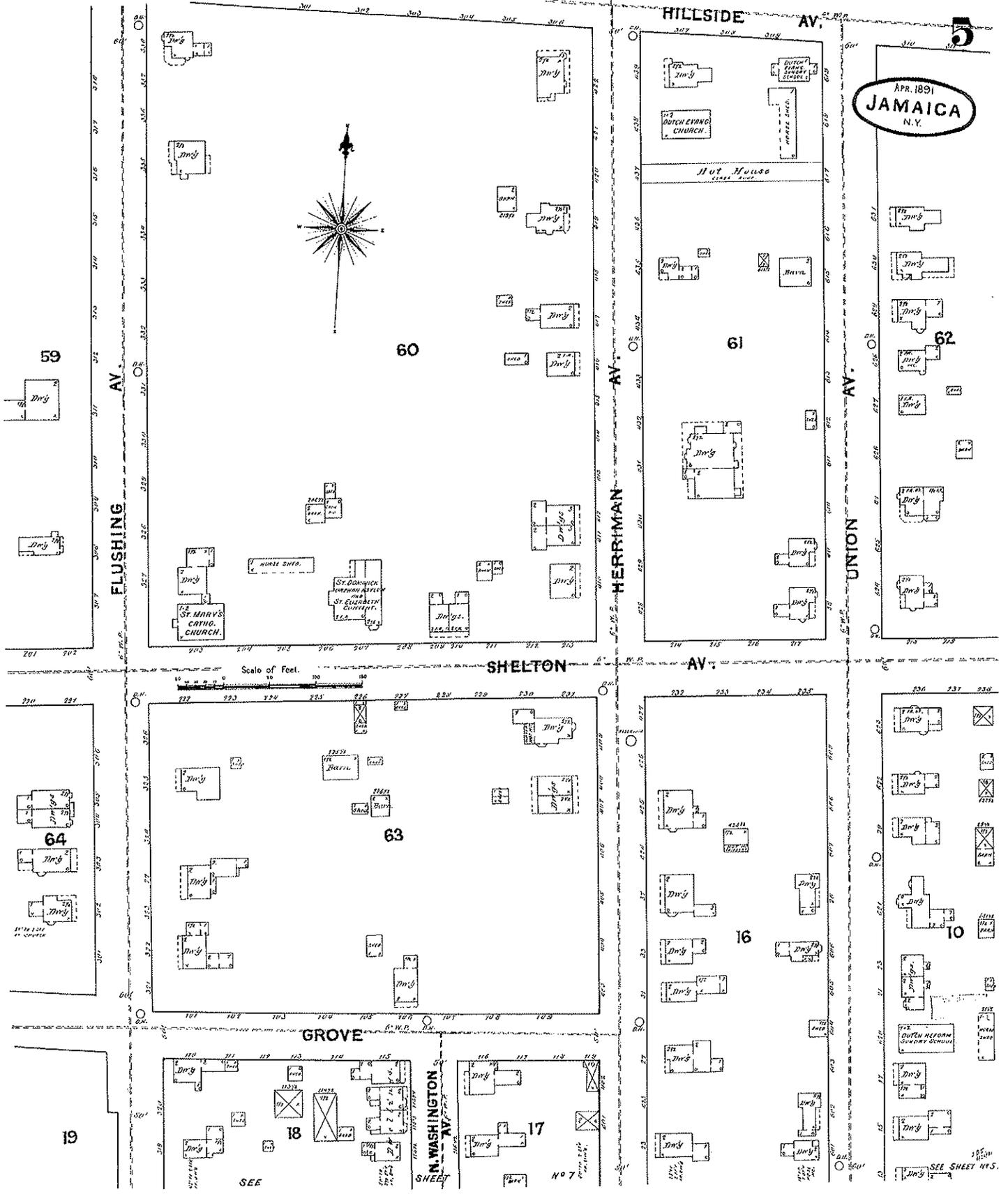
Photo 19 View of the Title Guarantee Company building to the north of the parking lot area on the subject property.



Photo 20 View of the residential apartment and stores beyond 161st street to the east of the subject property.

Appendix B
Sanborn Maps

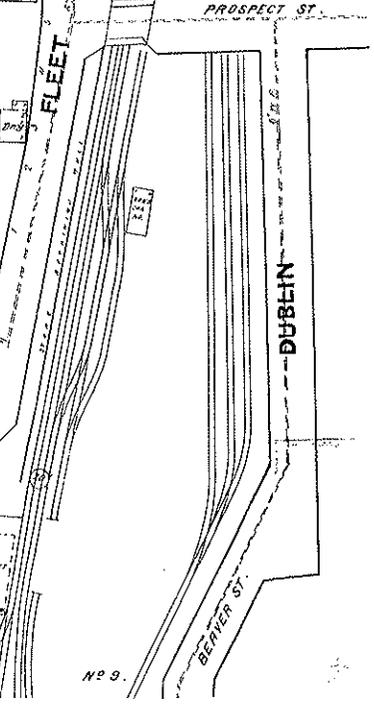
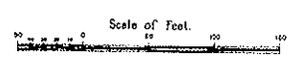
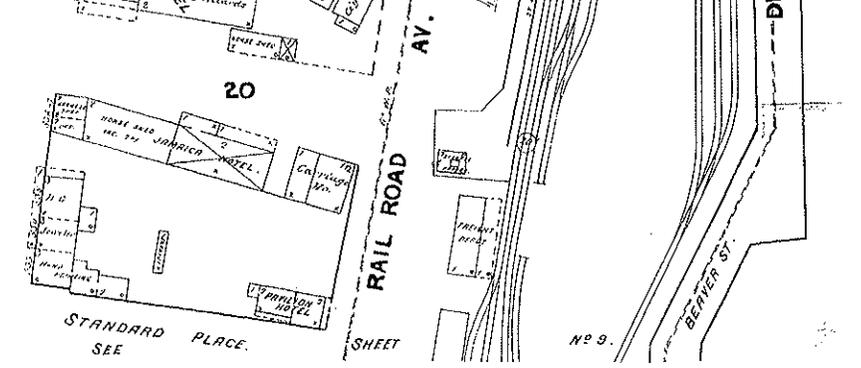
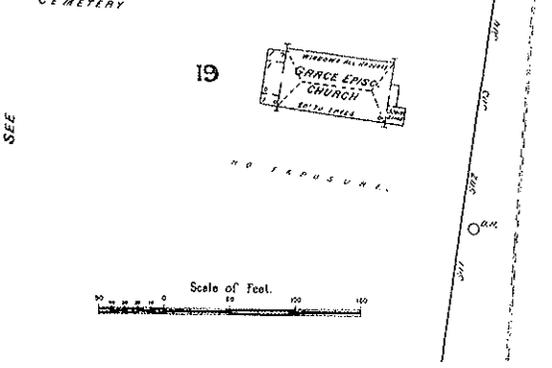
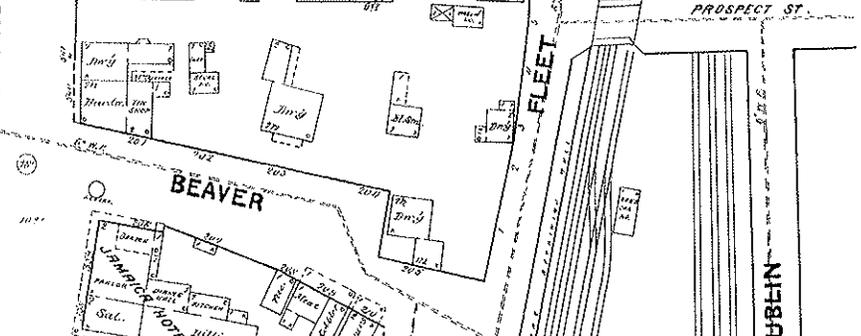
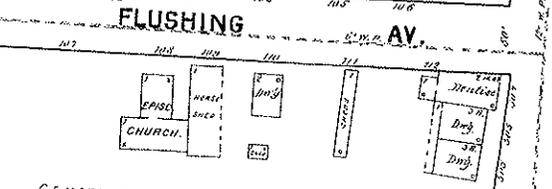
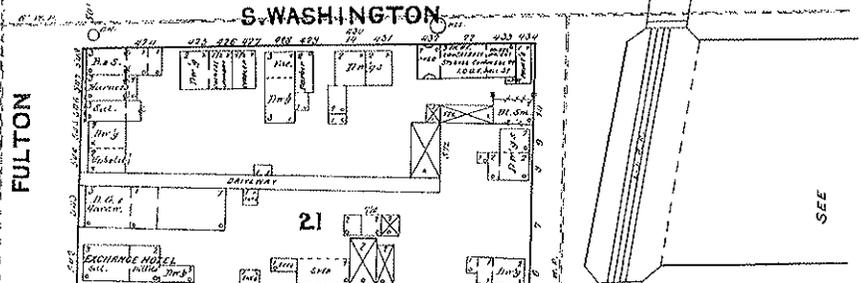
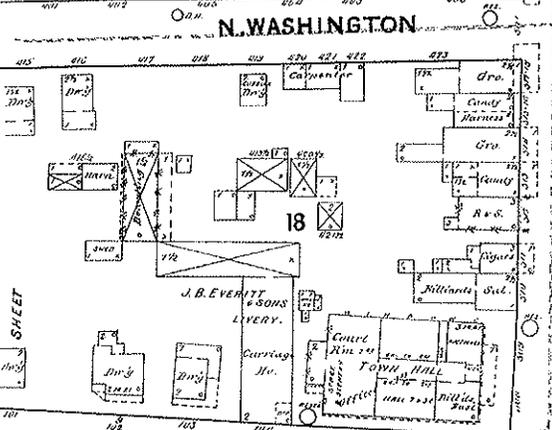
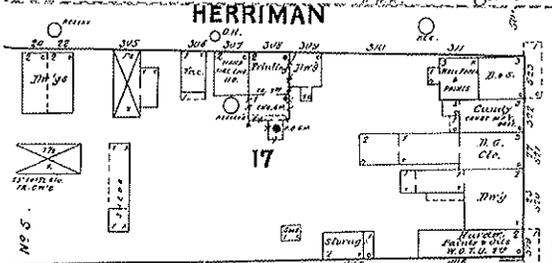
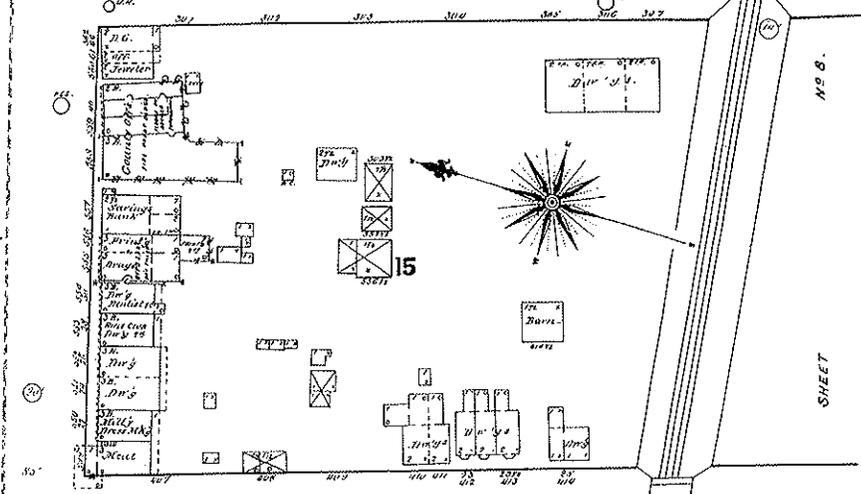
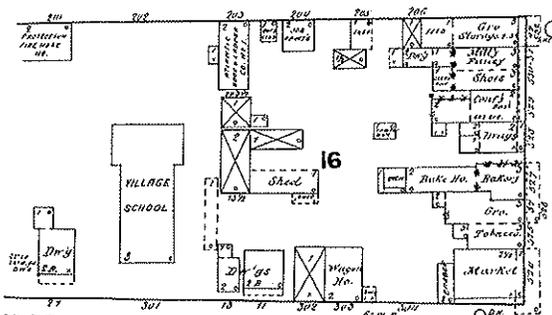
APR. 1891
JAMAICA
N.Y.



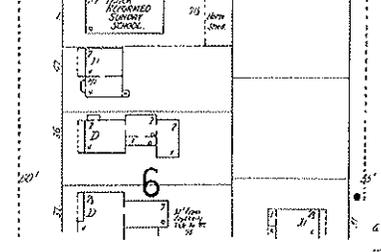
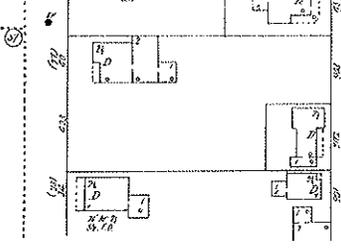
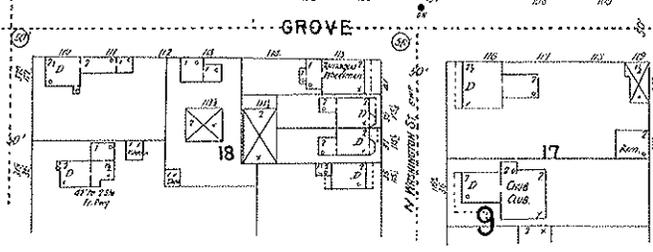
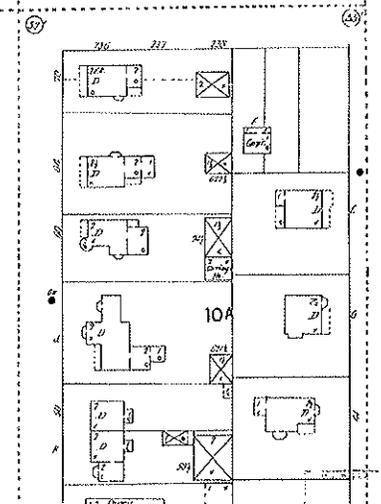
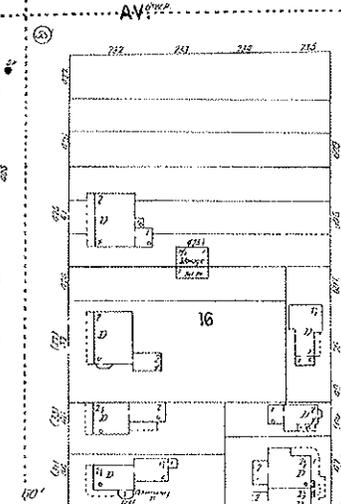
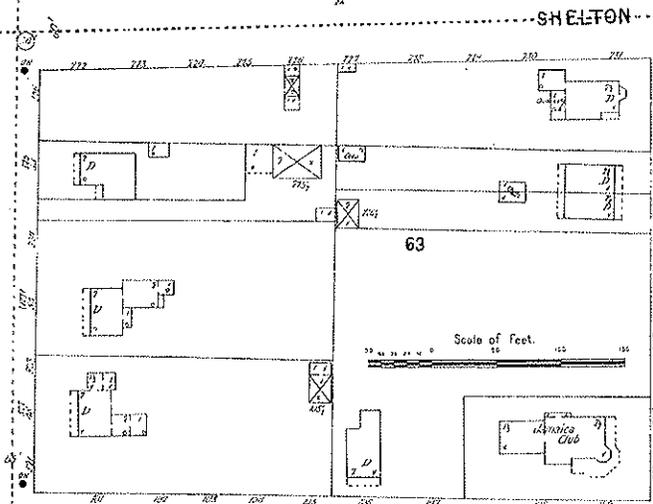
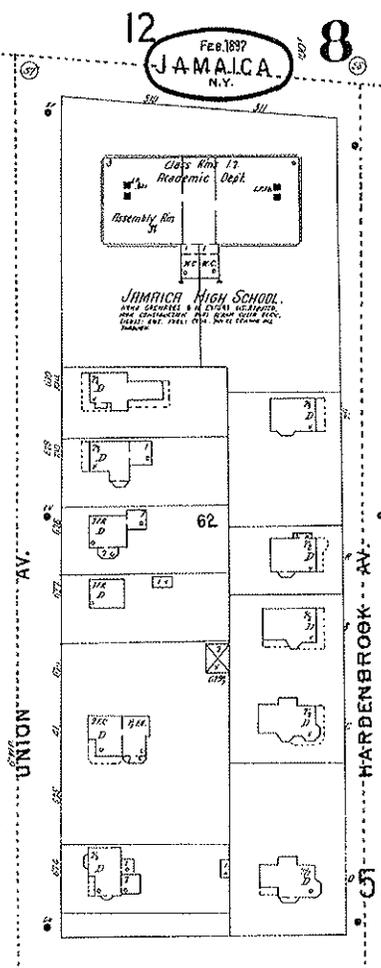
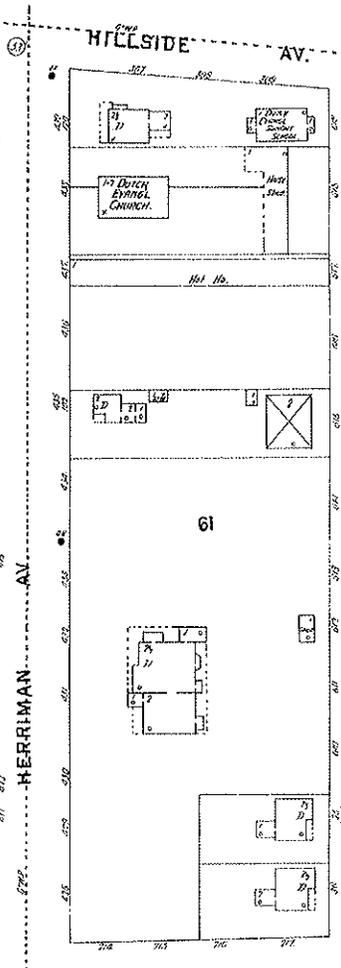
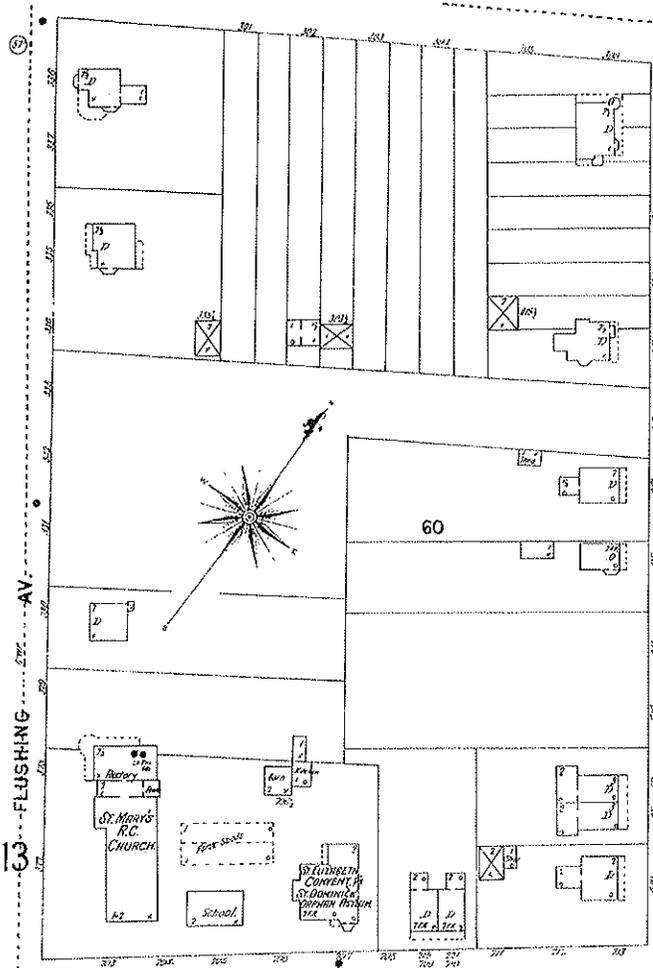
1891

SEE
UNION AV.

SHEET
UNION HALL



1891



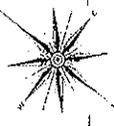
1897

Feb 1897
JAMAICA
N.Y.

6

9

UNION HALL



15

DUNTON

HERRIMAN AV.

N. WASHINGTON

S. WASHINGTON

FULTON

FLUSHING

FLUSHING AV.

BEAVER

10

PROSPECT ST

FLEET

DUBLIN

19

13 Cemetery

George Episcopal Church

13

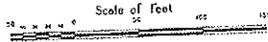
PETTIT'S HOTEL

20

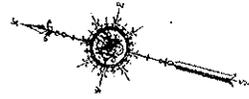
RAIL ROAD AV.

24

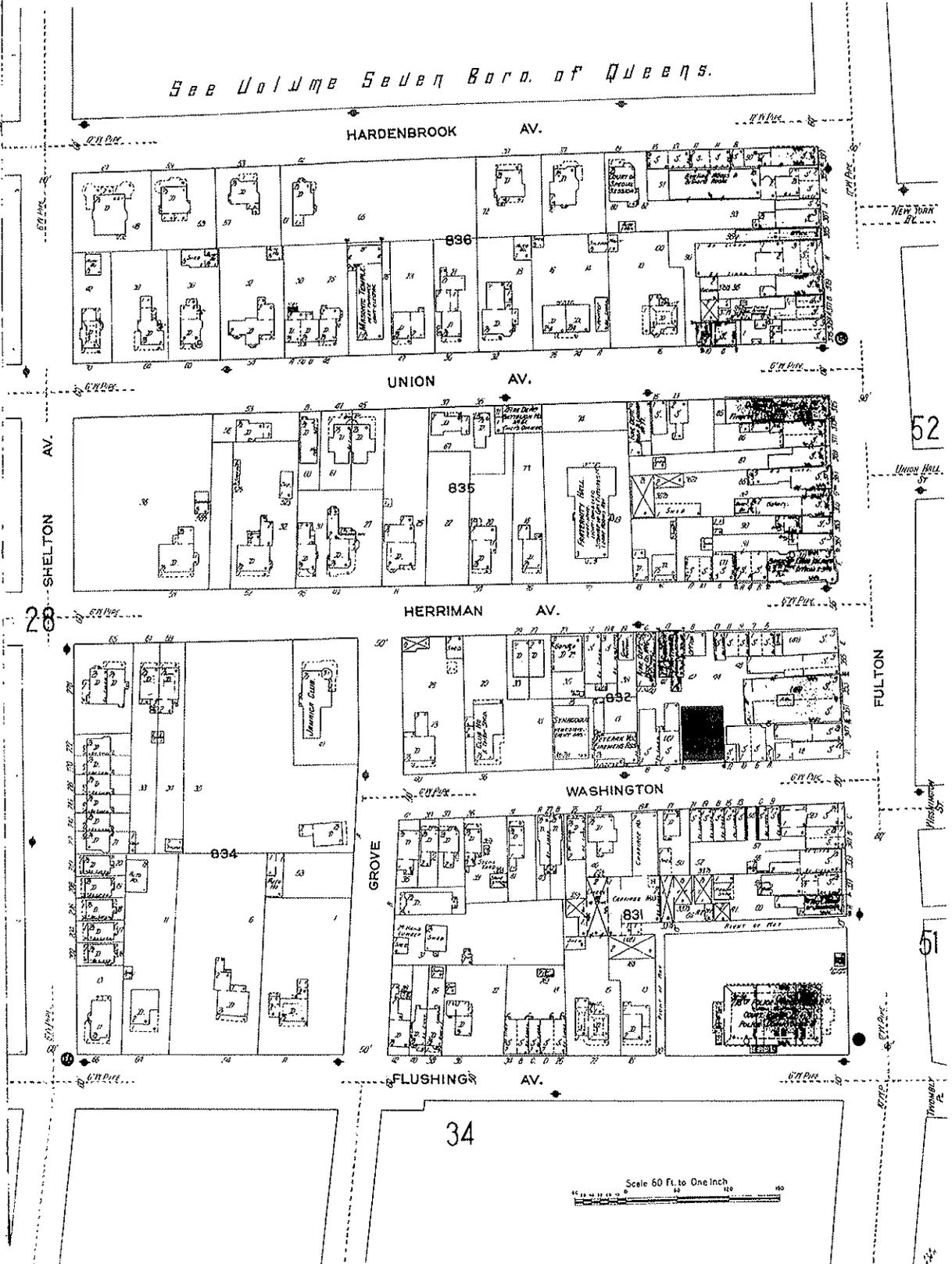
BEAVER ST.



1897



See Volume Seven Boro. of Queens.



52

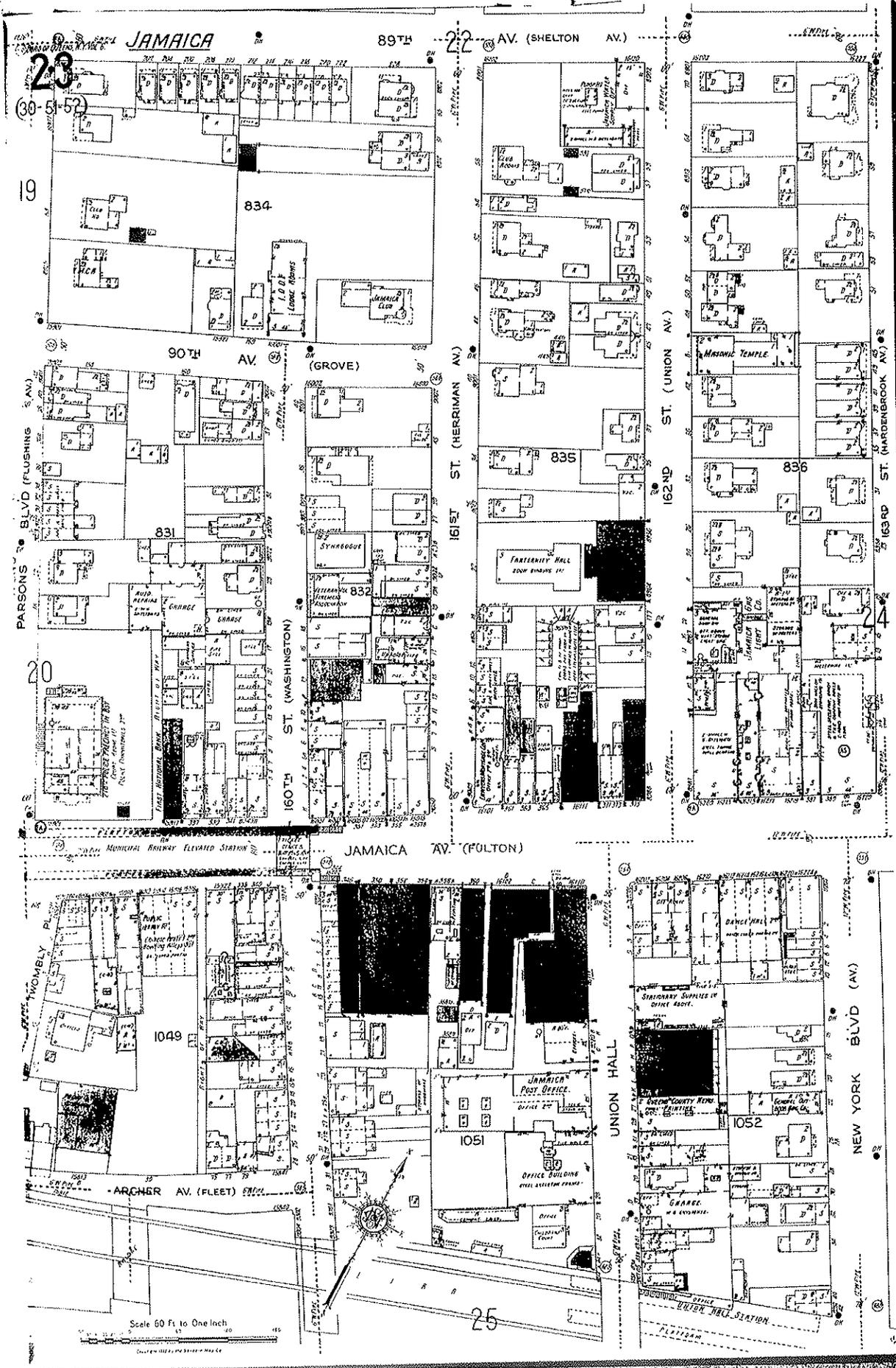
20

51

34

Scale 60 Ft. to One Inch

1911



23
(30-51-52)

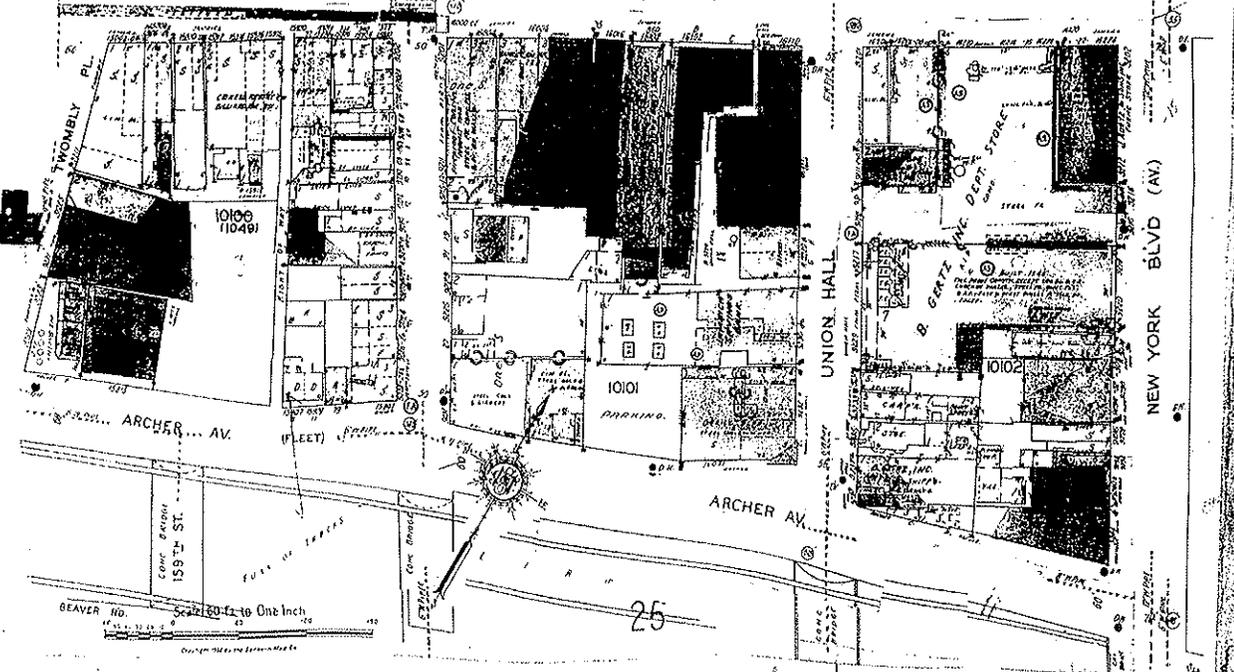
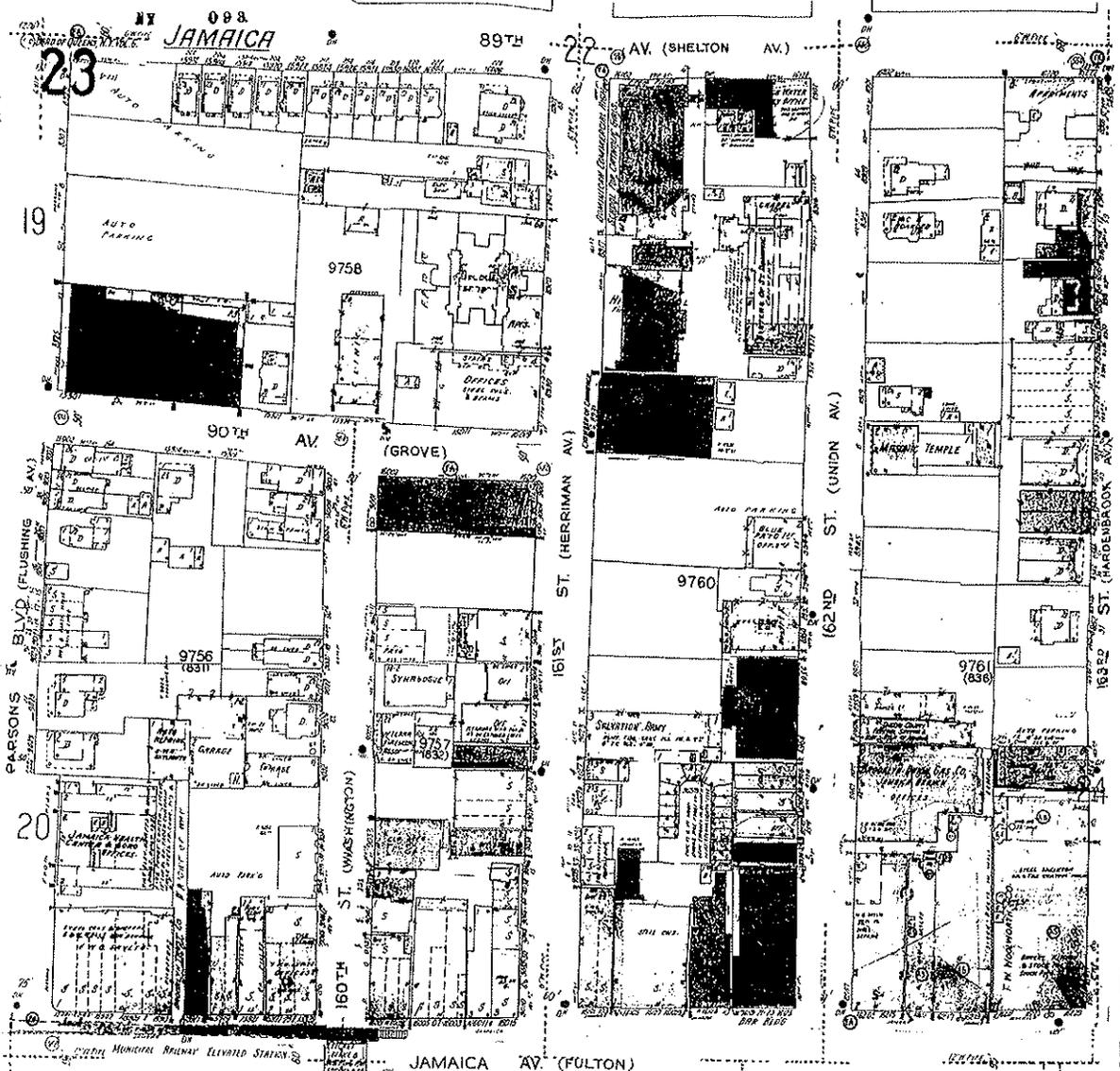
19

20

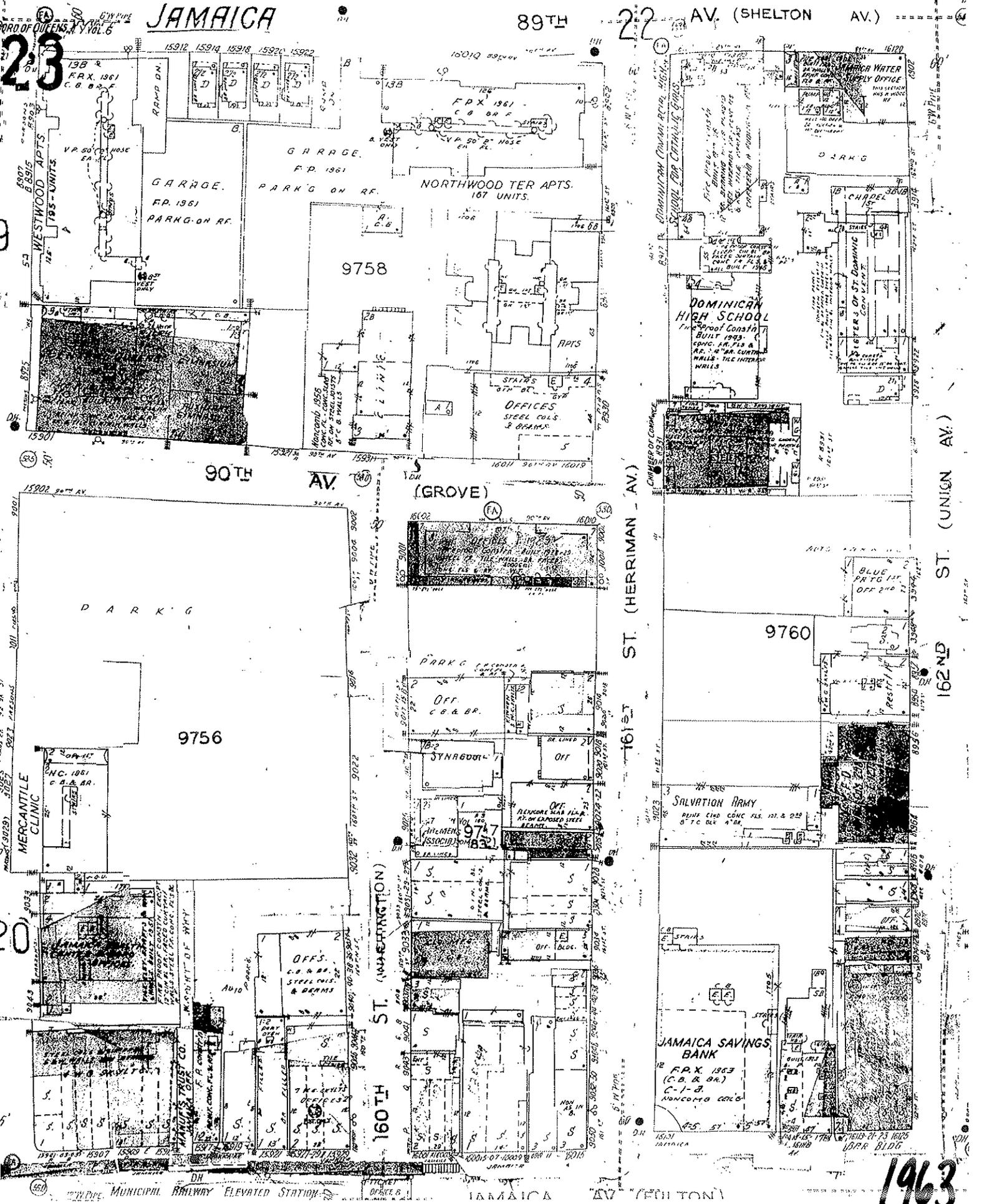
24

25

1925



1951



JAMAICA

89TH AV. (SHELTON AV.)

90TH AV.

(GROVE)

161ST ST. (HERRIMAN AV.)

162ND ST. (UNION AV.)

160TH ST. (WASHINGTON)

23

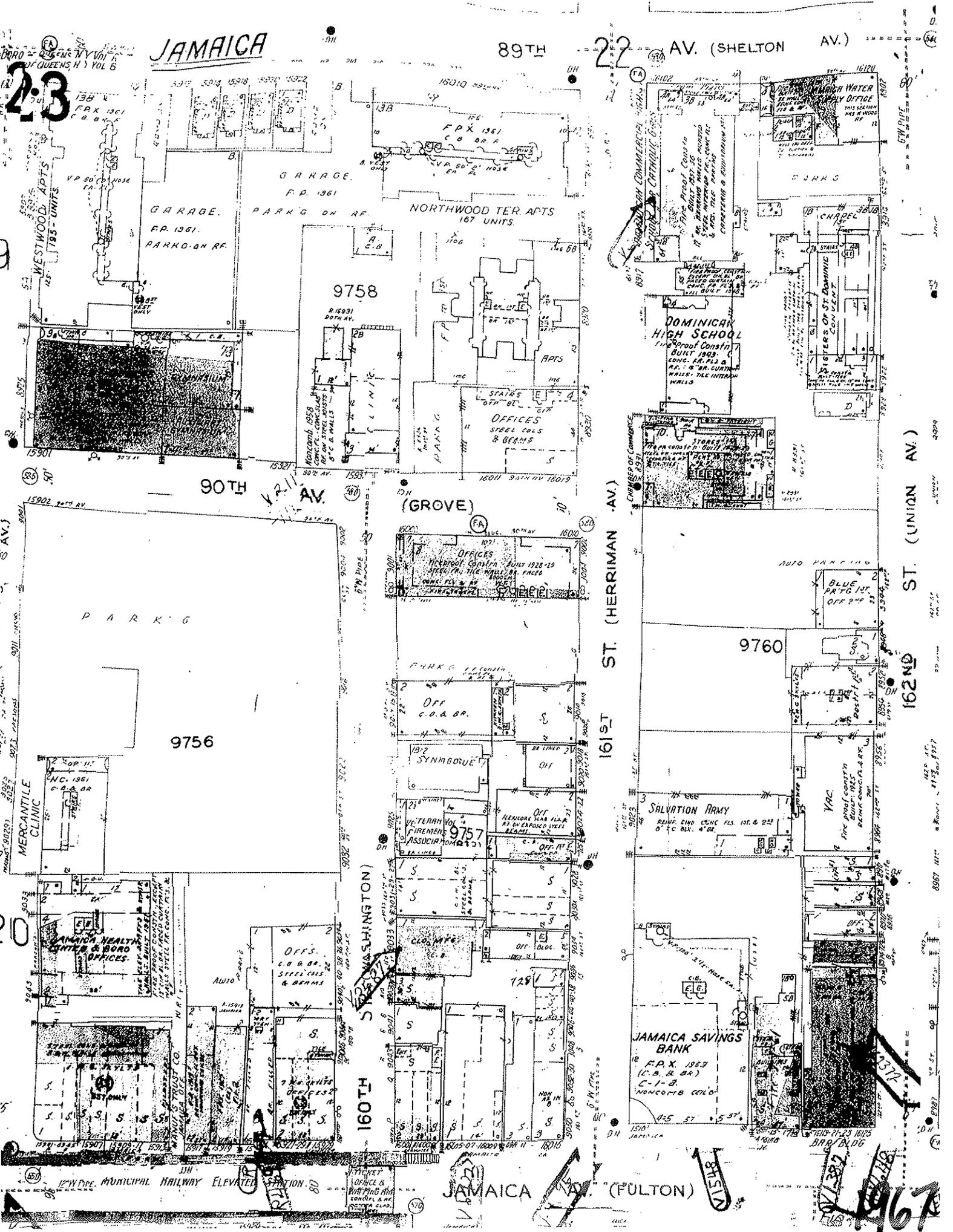
1963

JAMAICA

89TH

22 AV. (SHELTON AV.)

2:3



30 AV.

MERCANTILE CLINIC

JAMAICA HEALTH CENTER & BOARD OFFICES

STAIR ONLY

JAMAICA MUNICIPAL RAILWAY ELEVATOR STATION 80

160TH ST (WASHINGTON)

(GROVE)

161ST ST (HERRIMAN AV.)

162ND ST (UNION AV.)

JAMAICA AV. (FULTON)

STAIRS

STAIRS

967

8967 100'

420' 40'

8130' 85'

8130' 85'

8130' 85'

8130' 85'

8130' 85'

8130' 85'

8130' 85'

8130' 85'

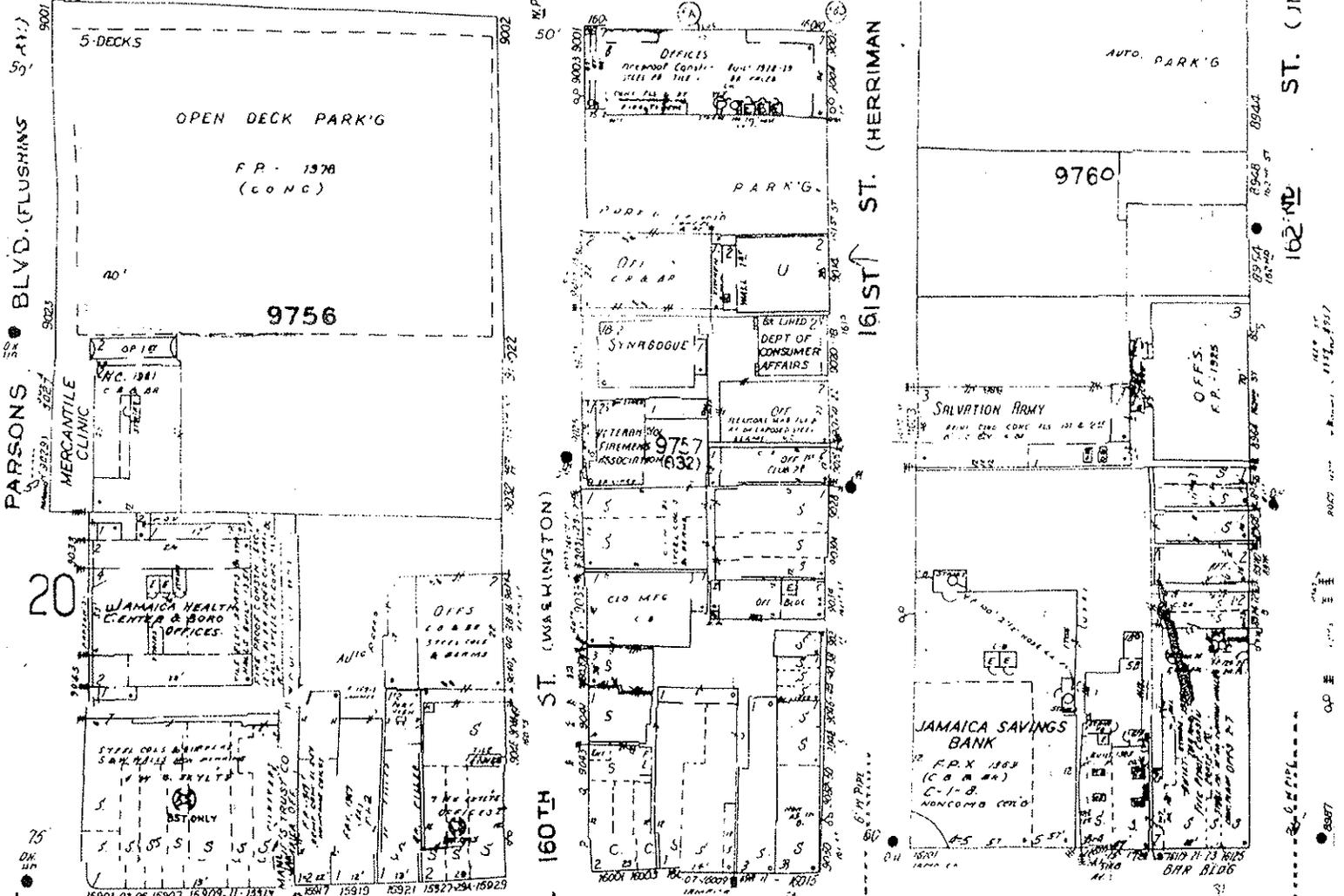
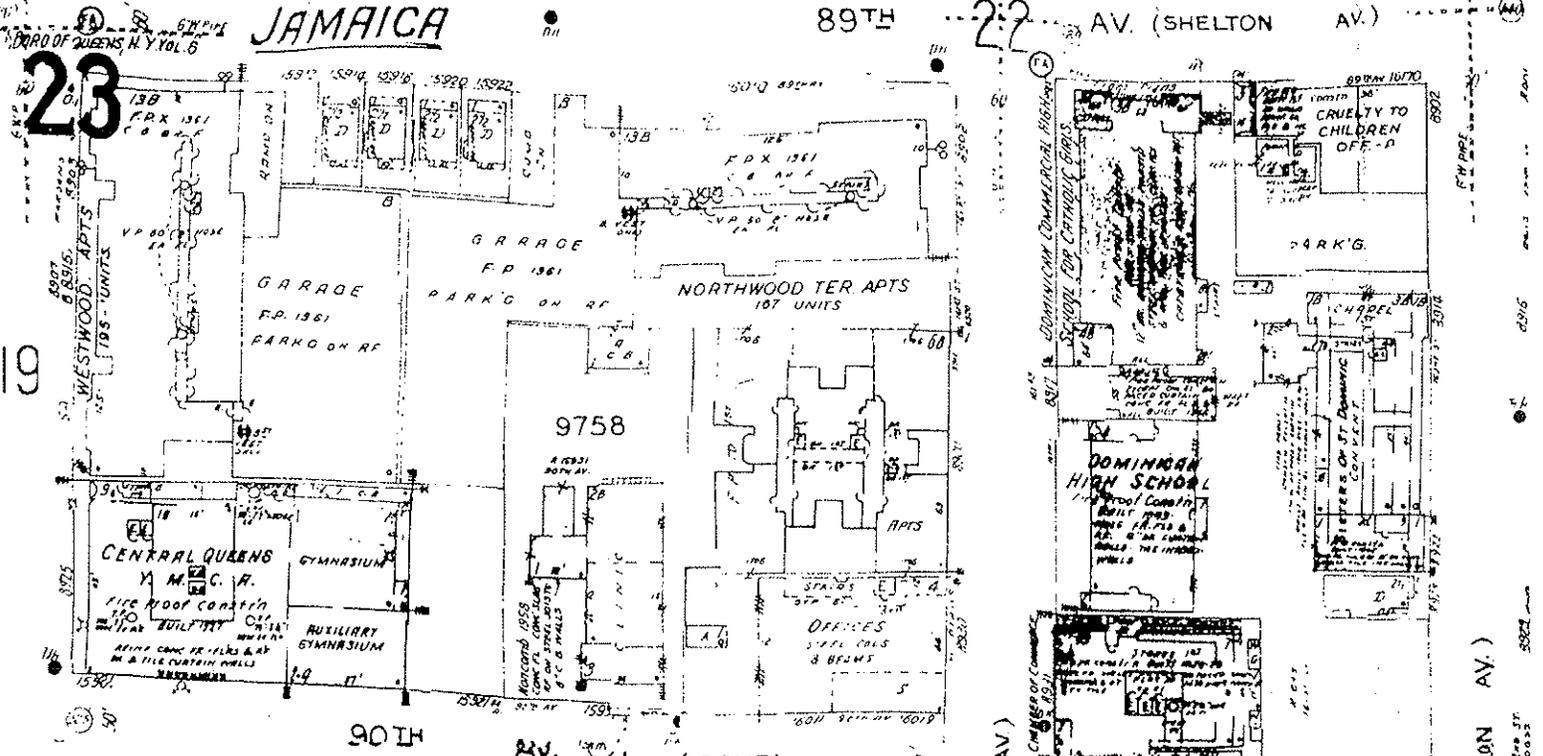
8130' 85'

JAMAICA

89TH

AV. (SHELTON AV.)

23



JAMAICA AV. (FULTON)

1982

JAMAICA

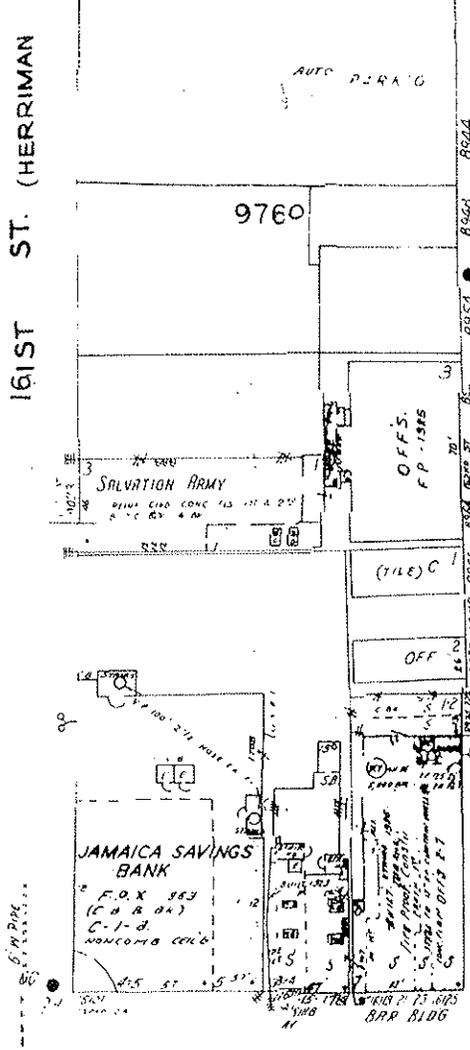
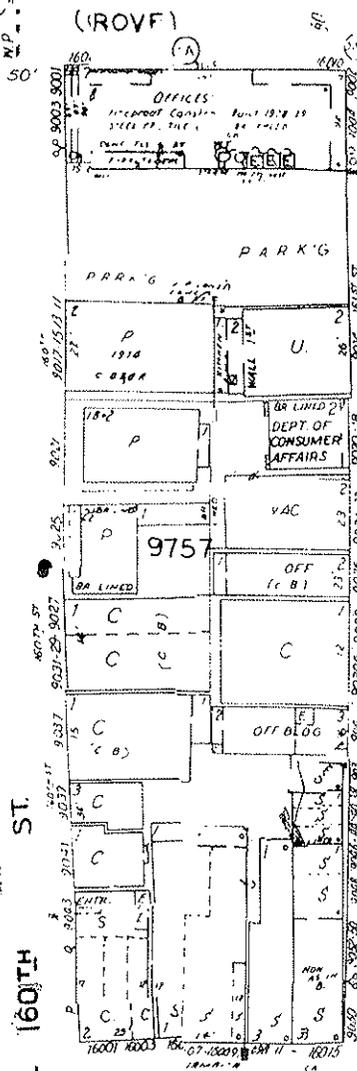
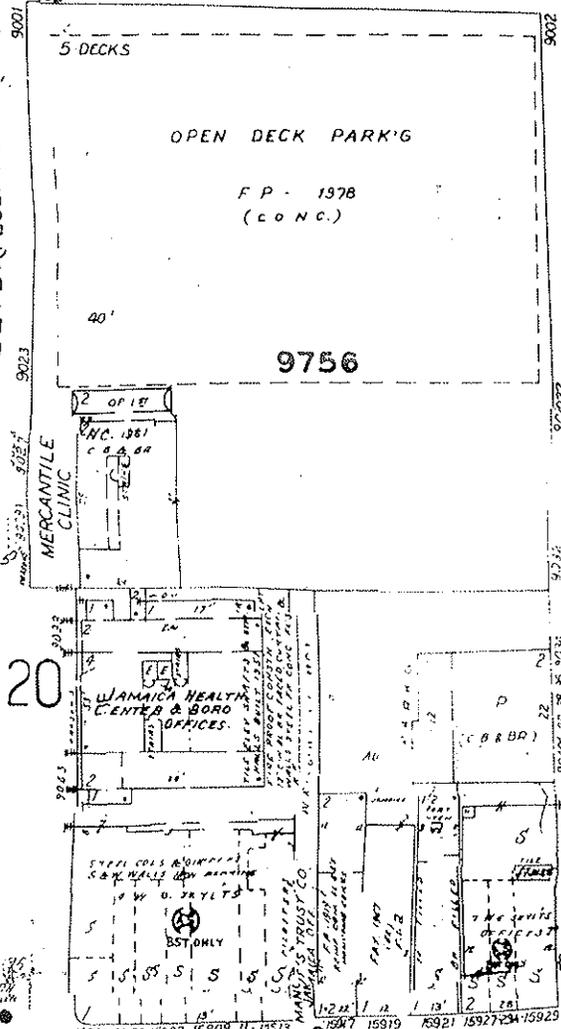
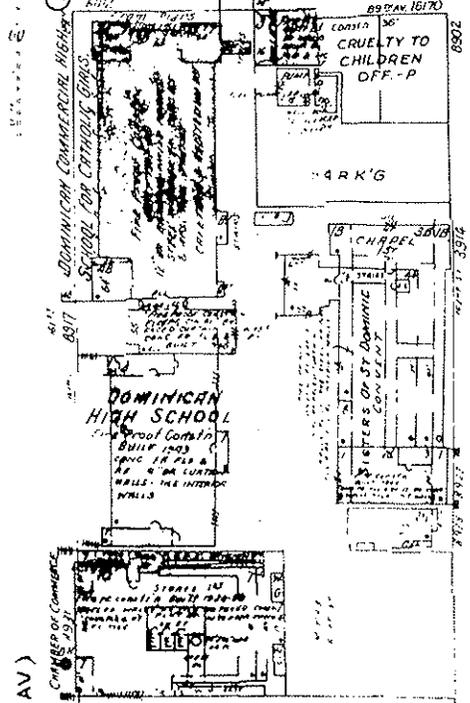
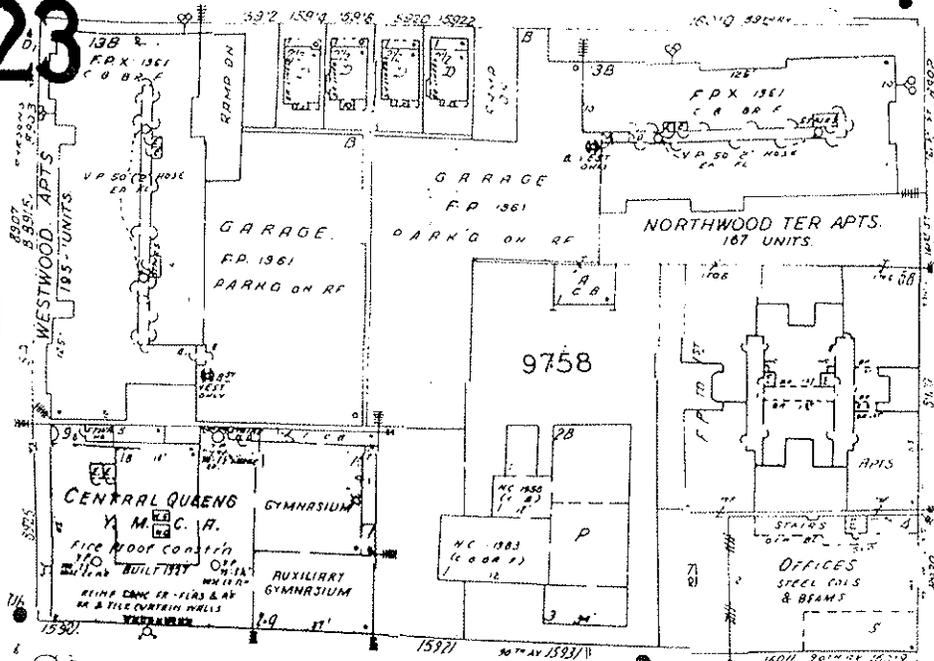
89TH

AV. (SHELTON AV.)

23

19

PARSONS BLVD. (FLUSHING



161ST ST. (HERRIMAN AV.)

162ND ST.

163RD ST.

164TH ST.

JAMAICA AV. (FULTON)

1990

Appendix C
Toxics Targeting, Inc.
Environmental Report

Toxics Targeting Environmental Report

**90-11 to 90-14 161st Street
Queens, NY 11432**

April 09, 2008

LIMITED WARRANTY AND DISCLAIMER OF LIABILITY

Who is Covered

This limited warranty is extended by Toxics Targeting, Inc. only to the original purchaser of the accompanying Environmental Report ("Report"). It may not be assigned to any other person.

What is Warranted

Toxics Targeting, Inc. warrants that it uses reasonable care to accurately transcribe the information contained in this Report from the sources from which it is obtained. This limited warranty is in lieu of all other express warranties which might otherwise arise with respect to the Report. No one is authorized to change or add to this limited warranty.

What We Will Do

If during the warranty period there is shown to be a material error in the transcription of the information contained in this Report from the sources from which it was obtained, Toxics Targeting, Inc. shall refund to the original purchaser the full purchase price paid for the Report. The remedy stated above is the exclusive remedy extended to the Purchaser by Toxics Targeting, Inc. for any failure of the Report to conform with this Warranty, or otherwise for breach of this Warranty or any other warranty, whether expressed or implied.

What We Won't Cover

Toxics Targeting, Inc. has not and can not verify the accuracy, correctness or completion of the information contained in this Report. Information is obtained from government agencies, site owners, and other sources, and errors are common in such information. Because Toxics Targeting, Inc. can not control the accuracy of the information contained in this Report, or the uses which may be made of the information, TOXICS TARGETING, INC. DISCLAIMS LIABILITY TO ANYONE FOR ANY EVENTS ARISING OUT OF THE USE OF THE INFORMATION. TOXICS TARGETING, INC. SHALL NOT BE LIABLE FOR ANY DAMAGE CAUSED BY THIS REPORT, WHETHER DIRECT OR INDIRECT, AND WHETHER OR NOT TOXICS TARGETING, INC. HAS BEEN ADVISED OF OR HAS KNOWLEDGE OF THE POSSIBILITY OF SUCH DAMAGES. TOXICS TARGETING, INC. EXPRESSLY DISCLAIMS ANY AND ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE. Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so the above exclusion or limitation may not apply to you.

Period of Warranty

The period of warranty coverage is ninety days from the date of purchase of this Report. There shall be no warranty after the period of coverage. ANY AND ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR PARTICULAR USE SHALL HAVE NO GREATER DURATION THAN THE PERIOD OF WARRANTY STATED HERE, AND SHALL TERMINATE AUTOMATICALLY UPON THE EXPIRATION OF SUCH PERIOD. Some jurisdictions do not allow limitations on how long an implied warranty lasts, so the above exclusion or limitation may not apply to you.

PLEASE REFER TO PAGES ONE AND FOUR FOR A DESCRIPTION OF SOME OF THE LIMITATIONS OF THIS ENVIRONMENTAL REPORT.

Table of Contents

Introduction..... 1

- *The Three Sections of Your Report*
- *How to Use Your Report*
- *Toxic Site Databases Analyzed In Your Report*
- *Limitations Of the Information In Your Report*

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- *Table One: Number of Identified Toxic Sites By Distance Interval*
- *Table Two: Identified Toxic Sites By Direction*
- *Table Three: Identified Toxic Sites By Category*
- *Table Four: Identified Toxic Sites By Proximity*
- *Map One: One-Mile Radius Map*
- *Map Two: Half-Mile Radius Map*
- *Map Three: Eighth-Mile Radius Map*
- *Map Four: Eighth-Mile Radius Close-up Map*
- *Map Five: Tax Parcel Map*
- *Table Five: Tax Parcel Map Information Table*

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Section Three: Appendices

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- *NY Dept of Health Radon Check*
- *Unmappable Sites*
- *Hazardous Waste Codes*
- *Information Source Guide*

Introduction

Toxics Targeting has combined environmental database searches, extensive regulatory analysis and sophisticated mapping techniques to produce your *Environmental Report*. It checks for the presence of 25 categories of government-reported toxic sites and provides detailed, up-to-date information on each identified site. The findings of your report are presented in an easy-to-understand format that:

1. ***Maps*** the approximate locations of selected government-reported toxic sites identified on or near a specified target address.
2. ***Estimates*** the distance and direction between the target address and each identified toxic site.
3. ***Reports*** air and water permit non-compliance and other regulatory violations.
4. ***Profiles*** some aspects of the usage, manufacture, storage, handling, transport or disposal of toxic chemicals at individual sites.
5. ***Summarizes*** some potential health effect information and drinking water standards for selected chemicals reported at individual sites.

The Three Sections Of Your Report

The first section highlights your report's findings by summarizing identified sites according to: **a)** distance intervals, **b)** direction, **c)** proximity to the target address and **d)** individual site categories. In addition, the locations of all identified toxic sites are illustrated on individual maps for each radius search distance used in your report. A close-up map illustrates the locations of all identified toxic sites, at the shortest radius search distance used in your report. Finally, a map of tax parcels and a table of selected information about those parcels are included.

The second section of your report contains *Toxic Site Profiles* that provide detailed information on each identified toxic site. The information in each *Toxic Site Profile* varies according to its source. Some toxic site categories have extensive information and some have limited information. All the information is updated on a regular basis.

The third section of the report contains appendices that identify: **1)** on-site spills reported to the national Emergency Response Notification System (ERNS), **2)** various toxic sites that cannot be mapped due to incomplete or erroneous addresses or other mapping problems, **3)** codes that characterize hazardous wastes reported at various facilities, **4)** methods used to map toxic sites identified in your report and **5)** information sources used in your report.

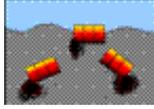
How to Use Your Report

- Check Table One to see the number of identified sites by distance intervals.
- Check Table Two to see identified sites sorted by direction.
- Check Table Three to see identified sites sorted by site categories.
- Check Table Four to see identified sites ranked by proximity to the target address.
- Use Table Five to get info for the subject parcel and every parcel found on the Tax Parcel Map
- Refer to the various maps to see the locations of identified toxic sites. Refer to the *Toxic Site Profile* and *Appendix* sections for additional information.

Toxic Site Databases Analyzed In Your Report

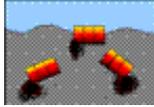
Search Radius

One-Mile



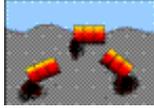
1) **National Priority List for Federal Superfund Cleanup**: a listing of sites known to pose environmental or health hazards that are being investigated or cleaned up under the Federal Superfund program.

Half-Mile



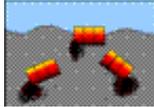
2) **Delisted National Priority List Sites**: a listing of NPL sites that have been removed from the National Priority List.

One-Mile



3) **New York Inactive Hazardous Waste Disposal Site Registry**: a state listing of sites that can pose environmental or public health hazards requiring investigation or clean up.

One-Mile



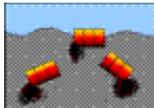
4) **New York Inactive Hazardous Waste Disposal Site Registry Qualifying**: a state listing of sites that qualify for possible inclusion to the NYDEC Inactive Haz. Waste Disposal Site Registry.

One-Mile



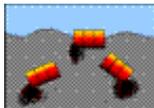
5) **RCRA Corrective Action Activity (CORRACTS)**: waste facilities with RCRA corrective action activity reported by the USEPA.

Half-Mile



6) **CERCLIS** (Comprehensive Environmental Response, Compensation and Liability Information System): a federal listing of Non-NFRAP sites that can pose environmental or public health hazards requiring investigation or clean up.

Half-Mile



7) **CERCLIS NFRAP**: a federal listing of CERCLIS sites that have no further remedial action planned.

Half-Mile



8) **New York State Brownfield Cleanup Sites**: a listing of sites that are abandoned, idled or under-used industrial and commercial sites where expansion or redevelopment is complicated by real or perceived environmental contamination.

Half-Mile



9) **New York Solid Waste Facilities Registry**: active and inactive landfills, incinerators, transfer stations or other solid waste management facilities.

Half-Mile



10) **New York City 1934 Solid Waste Sites**: a listing of solid waste disposal sites operated by New York City municipal authorities circa 1934.

Half-Mile



11) **New York and Federal Hazardous Waste Treatment, Storage or Disposal Facilities**: sites reported by the NYS manifest system and the USEPA's Resource Conservation and Recovery Act Information System (RCRIS). Also includes the following database:

- **RCRA violations**: waste facilities with violations reported by the USEPA pursuant to the Resource Conservation and Recovery Act.

Half-Mile



12) **Toxic Spills: active and inactive or closed** spills reported to state environmental authorities, including *remediated* and *unremediated* leaking underground storage tanks. This database includes the following categories:

- Tank Failures
- Tank Test Failures
- Unknown Spill Cause or Other Spill Causes
- Miscellaneous Spill Causes

Eighth-Mile



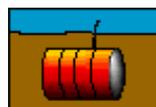
13) **New York State Major Oil Storage Facilities:** sites with more than a 400,000 gallon capacity for storing petroleum products.

Eighth-Mile



14) **New York State Petroleum Bulk Storage Facilities:** sites with more than an 1,100 gallon capacity for storing petroleum products.

Eighth-Mile



15) **New York City Fire Dept Tank Data:** tank data from 1997.

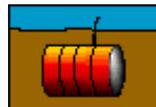
Eighth-Mile



16) **New York and Federal Hazardous Waste Generators and Transporters:** sites reported by the NYS manifest system and the USEPA's Resource Conservation and Recovery Act Information System (RCRA). Also includes the following database:

- **RCRA violations:** waste facilities with violations reported by the USEPA pursuant to the Resource Conservation and Recovery Act.

Eighth-Mile



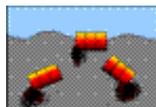
17) **New York Chemical Bulk Storage Facilities:** sites storing hazardous substances listed in 6 NYCRR Part 597 in aboveground tanks with capacities of 185 gallons or more and/or underground tanks of any size

Eighth-Mile



18) **Historic New York City Utility Sites (1890's to 1940's):** power generating stations, manufactured gas plants, gas storage facilities, maintenance yards and other gas and electric utility sites.

Half-Mile



19) **New York Hazardous Substance Disposal Site Draft Study:** a state listing of sites contaminated with toxic substances that can pose environmental or public health hazards. These sites were not eligible for state clean up funding programs.

Eighth-Mile



20) **Federal Toxic Release Inventory Facilities:** discharges of selected toxic chemicals to air, land, water or treatment facilities.

Eighth-Mile



21) **Federal Air Discharges:** air pollution point sources monitored by U.S. EPA and/or state and local air regulatory agencies.

Eighth-Mile



22) ***Federal Permit Compliance System Toxic Wastewater Discharges:*** permitted toxic wastewater discharges.

Eighth-Mile



23) ***Federal Civil and Administrative Enforcement Docket:*** judiciary cases filed on behalf of the U. S. Environmental Protection Agency by the Department of Justice.

On-site only
(250 ft)



24) ***New York City Environmental Quality Review (CEQR) – E Designation Sites:*** parcels assigned a special environmental (“E”) designation under the CEQR process. E designation requires specific protocols that must be followed.

Property only



25) ***ERNS: Federal Emergency Response Notification System Spills:*** a listing of federally reported spills.

Limitations Of The Information In Your Report

The information presented in your *Environmental Report* has been obtained from various local, state and federal government agencies. Please be aware that: **1)** additional information on individual sites may be available, **2)** newly discovered sites are continually reported and **3)** all map locations are approximate. As a result, this report is intended to be the **FIRST STEP** in the process of identifying and evaluating possible environmental threats to specific properties and can only serve as a guide for conducting on-site visits or additional, more detailed toxic hazard research.

Toxics Targeting tries to ensure that the information in your report is presented accurately and with minimal alteration. The only systematic changes that are made correct obvious address errors in order to allow sites to be mapped. Any address changes that are made are noted in the map information section at the top of each corresponding *Toxic Site Profile*. Since the information presented in your report is not edited, please be aware that it can contain reporting errors or typographical mistakes made by the site owners/operators or government agencies that produced the information. Please be aware of some other limitations of the information in your report:

- The map used by *Toxics Targeting* is the same one used by the U. S. Census. While the map is generally accurate, no map is perfect. In addition, *Toxics Targeting's* mapping methods estimate where toxic site addresses are located if the address is not specifically designated on the Census map. **FOR THESE REASONS, ALL MAP LOCATIONS OF ADDRESSES AND REPORTED TOXIC SITES SHOULD BE CONSIDERED APPROXIMATE AND SHOULD BE VERIFIED BY ON-SITE VISITS;**
- **UNDISCOVERED, UNREPORTED OR UNMAPPABLE TOXIC SITES MIGHT NOT BE IDENTIFIED BY THIS REPORT'S CHECK OF 25 TOXIC SITE CATEGORIES. TOXIC SITES REPORTED IN OTHER GOVERNMENT DATABASES MIGHT ALSO EXIST. FOR THESE REASONS, YOUR REPORT MIGHT NOT IDENTIFY ALL THE TOXIC SITES THAT EXIST IN THE AREA IT SEARCHES;**
- The appendix of your report contains a listing of sites that could not be mapped due to incomplete or erroneous address information or other mapping problems. This listing includes unmappable toxic sites in zip code areas within one mile of the target address as well as toxic sites without zip codes reported in the same county. **IF YOU WOULD LIKE INFORMATION ON ANY OF THE LISTED SITES, PLEASE CONTACT TOXICS TARGETING AND REFER TO THE SITE ID NUMBER.**
- Some toxic sites identified in your report may be classified as **known hazards**. Most of the toxic sites identified in your report involve **potential hazards** related to the on-site use, manufacture, handling, storage, transport or disposal of toxic chemicals. Some of the toxic sites identified in your report may be the addresses of parties responsible for toxic sites located elsewhere. **YOU SHOULD ONLY CONCLUDE THAT TOXIC HAZARDS ACTUALLY EXIST AT A SPECIFIC SITE WHEN GOVERNMENT AUTHORITIES MAKE THAT DETERMINATION OR WHEN THAT CONCLUSION IS FULLY DOCUMENTED BY THE FINDINGS OF AN APPROPRIATE SITE INVESTIGATION UNDERTAKEN BY LICENSED PROFESSIONALS;**
- Compass directions and distances are approximate. Compass directions are calculated from the subject property address to the mapped location of each identified toxic site. The compass direction does not necessarily refer to the closest property boundary of an identified toxic site. The compass direction also can vary substantially for toxic sites that are located very close to the subject property address.
- The information presented in your report is a summary of the information that *Toxics Targeting* obtains from government agencies on reported toxic sites. **YOU MAY BE ABLE TO OBTAIN ADDITIONAL INFORMATION ABOUT REPORTED SITES WITH THE FREEDOM OF INFORMATION REQUEST FORM LETTERS THAT ARE PROVIDED ON THE INSIDE OF THE BACK COVER.**

Section One:

Report Summary

- *Table One: Number of Identified Toxic Sites By Distance Interval*
- *Table Two: Identified Toxic Sites By Direction*
- *Table Three: Identified Toxic Sites By Category*
- *Table Four: Identified Toxic Sites By Proximity*
- *Map One: One-Mile Radius Map*
- *Map Two: Half-Mile Radius Map*
- *Map Three: Eighth-Mile Radius Map*
- *Map Four: Eighth-Mile Radius Close up Map*
- *Map Five: Tax Parcel Map*
- *Table Five: Tax Parcel Map Information Table*

NUMBER OF IDENTIFIED SITES BY DISTANCE INTERVAL

Database Searched	0 - 100 ft	100 ft - 1/8 mi	1/8 mi - 1/4 mi	1/4 mi - 1/2 mi	1/2 mi - 1 mi	Site Category Totals
ASTM-Required 1 Mile Search						
National Priority List (NPL) Sites	0	0	0	0	0	0
NYS Inactive Hazardous Waste Disposal Site Registry	0	0	0	0	0	0
NYS Inactive Haz Waste Disposal Site Registry Qualifying	0	0	0	0	0	0
RCRA Corrective Action (CORRACTS) Sites	0	0	0	0	0	0
ASTM-Required 1/2 Mile Search						
Delisted National Priority List (NPL) Sites	0	0	0	0	Not searched	0
CERCLIS Superfund Non-NFRAP Sites	0	0	0	0	Not searched	0
CERCLIS Superfund NFRAP Sites	0	0	0	0	Not searched	0
Brownfields Sites						
Voluntary Cleanup Program	0	0	0	1	Not searched	1
Environmental Restoration Program	0	0	0	0	Not searched	0
Brownfield Cleanup Program	0	0	1	2	Not searched	3
NYSDEC Solid Waste Facilities / Landfills	0	0	0	6	Not searched	6
RCRA Hazardous Waste Treatment, Storage, Disposal Sites	0	0	0	0	Not searched	0
NYS Toxic Spills						
Active Tank Failures	0	0	0	1	Not searched	1
Active Tank Test Failures	0	0	4	0	Not searched	4
Active Spills - Unknown / Other Causes	0	0	0	4	Not searched	4
Active Spills - Miscellaneous Causes	0	1	0(1)	0(3)	Not searched	1(4)
Closed Tank Failures	0	1	3	6	Not searched	10
Closed Tank Test Failures	0	5	5	17	Not searched	27
Closed Spills - Unknown / Other Causes	0	5	16	38	Not searched	59
Closed Spills - Miscellaneous Causes	0	12	1(14)	11(82)	Not searched	24(96)
ASTM-Required Property & Adjacent Property (1/8 Mile Search)						
NYS Major Oil Storage Facilities	0	0	Not searched	Not searched	Not searched	0
Local & State Petroleum Bulk Storage Sites	0	29	Not searched	Not searched	Not searched	29
RCRA Hazardous Waste Generators & Transporters	0	10	Not searched	Not searched	Not searched	10
NYS Chemical Bulk Storage Sites	0	0	Not searched	Not searched	Not searched	0
Historic Utility Facilities	0	0	Not searched	Not searched	Not searched	0
ASTM-Required On-Site Only Search						
NYC Environmental Quality Review Requirements ("E") Sites*	1	0	Not searched	Not searched	Not searched	1
Emergency Response Notification System (ERNS)	0	Not searched	Not searched	Not searched	Not searched	0
Institutional Controls / Engineering Controls (IC/EC)	See databases for NPL, CERCLIS, Inactive Hazardous Waste Disposal Site Registry and Brownfield Sites.					
ASTM-Required Databases Distance Interval Totals	1	63	30(15)	86(85)	0	180(100)

Numbers in () indicate spills not mapped and profiled in this report, and are listed at the end of the active and closed spills sections. See these lists for a description of the parameters involved with identifying these spills.

* NYC Environmental Quality Review Requirements ("E") Sites were searched at 250 feet.

NOTE: Table continues on next page.

Non-ASTM Databases 1/2 Mile Search

1934 NYC Municipal Waste Landfills	0	0	0	0	Not searched	0
Hazardous Substance Waste Disposal Sites	0	0	0	0	Not searched	0

Non-ASTM Databases 1/8 Mile Search

Toxic Release Inventory Sites (TRI)	0	0	Not searched	Not searched	Not searched	0
Permit Compliance System (PCS) Toxic Wastewater Discharges	0	0	Not searched	Not searched	Not searched	0
Air Discharges	0	1	Not searched	Not searched	Not searched	1
Civil & Administrative Enforcement Docket Facilities	0	0	Not searched	Not searched	Not searched	0

Non-ASTM Databases Distance Interval Totals	0	1	0	0	Not Searched	1
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<i>Distance Interval Totals</i>	<i>1</i>	<i>64</i>	<i>30(15)</i>	<i>86(85)</i>	<i>0</i>	<i>181(100)</i>
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Numbers in () indicate spills not mapped and profiled in this report, and are listed at the end of the active and closed spills sections. See these lists for a description of the parameters involved with identifying these spills.

Identified Toxic Sites by Direction

90-11 to 90-14 161st Street
Queens, NY 11432

* Compass directions can vary substantially for sites located very close to the subject property address.

Sites less than 100 feet from subject property sorted by distance

Map Id#	Site Name	Site Street	Approximate Distance & Direction From Property	Toxic Site Category
181	BLOCK: 9757 LOT: 18	90-04 161 STREET	0 feet	NYC Env. Qual. Review-"E" Designation

Sites between 100 ft and 660 ft from the subject property sorted by direction and distance

Map Id#	Site Name	Site Street	Approximate Distance & Direction From Property	Toxic Site Category
58	MANHOLE 2351	90 AVENUE & 161 STREET	195 feet to the N*	Closed Status Spill (Unk/Other Cause)
170	DOMINICAN COMMERCIAL H S	161-06 69TH AVE	390 feet to the N	Hazardous Waste Generator/Transporter
31	DOMINICAN COMMERCIAL HS	161-06 89TH AVENUE	455 feet to the N	Closed Status Tank Test Failure
32		161-06 89TH AVE	455 feet to the N	Closed Status Tank Test Failure
33		161-06 89TH AVE	455 feet to the N	Closed Status Tank Test Failure
34	DOMINICAN COMMERCIAL HIGH SCHOOL	161-06 89TH AVE	455 feet to the N	Closed Status Tank Test Failure
152	DOMINICAN COMMERCIAL HIGH SCHOOL	161-06 89TH AVE	455 feet to the N	Petroleum Bulk Storage Site
153	DOMINICAN COMMERCIAL	89-25 161 ST	455 feet to the N	Petroleum Bulk Storage Site
154	DOMINCAN COMERCIAL	89-01 161 ST	455 feet to the N	Petroleum Bulk Storage Site
169	BRISTOL QUEENS CORP	161-01 89TH AVE	656 feet to the N	Petroleum Bulk Storage Site
145	YORK SIDE TOWERS II	89-44 162ND STREET	268 feet to the NNE	Petroleum Bulk Storage Site
117	STATE TRANSPORTATION TRUC	89-31 161ST STREET	276 feet to the NNE	Closed Status Spill (Misc. Spill Cause)
146	89-31 161ST STREET	89-31 161ST STREET	276 feet to the NNE	Petroleum Bulk Storage Site
20	SHELTON HOUSES (BAISLEY PARK) -NYCHA	89-09 162ND ST	637 feet to the NNE	Active Haz Spill (Misc. Spill Cause)
127	SHELTON HOUSES	89-09 162ND STREET	637 feet to the NNE	Closed Status Spill (Misc. Spill Cause)
167	SHELTON HOUSES (BAISLEY PARK)	89-09 162ND STREET	637 feet to the NNE	Petroleum Bulk Storage Site
122	OFFICE BUILDING	89-51 162ND ST	455 feet to the NE	Closed Status Spill (Misc. Spill Cause)
178	SUNSHINE CLEANERS	89-26 163RD STREET	590 feet to the NE	Hazardous Waste Generator/Transporter
180	SUNSHINE DRY CLEANERS	89-26 163RD STREET	617 feet to the NE	Air Discharge Site
119	89-61 162ND ST/QUEENS	89-61 162ND STREET	450 feet to the ENE	Closed Status Spill (Misc. Spill Cause)
120	89-61 162ND ST/QUEENS	89-61 162ND STREET	450 feet to the ENE	Closed Status Spill (Misc. Spill Cause)
121	X	89-61 162ND ST	450 feet to the ENE	Closed Status Spill (Misc. Spill Cause)
151	89-61 162ND STREET	89-61 162ND STREET	453 feet to the ENE	Petroleum Bulk Storage Site
173	ADT SECURITIES	89-64 163RD ST	543 feet to the ENE	Hazardous Waste Generator/Transporter
162	COMMUNITY MEDIATION SERVICES, INC.	89-64 163RD STREET	580 feet to the ENE	Petroleum Bulk Storage Site
163	BASTRICH REALTY CORP.	89-64 163 ST	580 feet to the ENE	Petroleum Bulk Storage Site
21	SALVATION ARMY	90-23 161ST ST	201 feet to the E	Closed Status Tank Failure
143	SALVATION ARMY	90-23 161 ST	201 feet to the E	Petroleum Bulk Storage Site
172	BROOKLYN UNION GAS	8967 162ND ST	461 feet to the E	Hazardous Waste Generator/Transporter

159	162-11 JAMAICA AVENUE REALTY ASSOCIATES	162-17 JAMAICA AVENUE	558 feet to the E	Petroleum Bulk Storage Site
160	RUBY INTERNATIONAL INC.	162-17 JAMAICA AVE	558 feet to the E	Petroleum Bulk Storage Site
177	CONSOLIDATED EDISON COMPANY OF NEW YORK	V4902-16247 JAMAICA AVE	569 feet to the E	Hazardous Waste Generator/Transporter
179	WOOLWORTHS	62-21 JAMAICA AVE	633 feet to the E	Hazardous Waste Generator/Transporter
60	MANHOLE #724	JAMACIA AVE & 162 ST	522 feet to the ESE	Closed Status Spill (Unk/Other Cause)
61	SB 27693	162ND ST/JAMAICA AVE	522 feet to the ESE	Closed Status Spill (Unk/Other Cause)
168	YORK REALTY	162-20 JAMAICA AVE	643 feet to the ESE	Petroleum Bulk Storage Site
158	FRED STARK	161-02 JAMAICA AVE	540 feet to the SE	Petroleum Bulk Storage Site
161	NYC DEPT OF PUB WORKS	161-04 JAMAICA AVE	563 feet to the SE	Petroleum Bulk Storage Site
176	JAMAICA CENTER FOR ARTS & LEARNING INC	161-04 JAMAICA AVE	567 feet to the SE	Hazardous Waste Generator/Transporter
165	JP MORGAN CHASE MANHATTAN BANK	161-10 JAMAICA AVENUE	595 feet to the SE	Petroleum Bulk Storage Site
59	160TH ST & JAMAICA AVE	160TH ST & JAMAICA AVE	421 feet to the SSE	Closed Status Spill (Unk/Other Cause)
156	160-08 JAMAICA AVENUE	160-08 JAMAICA AVENUE	502 feet to the SSE	Petroleum Bulk Storage Site
118	90-43 160TH ST/QUEENS	90-43 160TH ST	294 feet to the S	Closed Status Spill (Misc. Spill Cause)
128	BALLEY HEALTH	159-26 JAMAICA AVENUE	641 feet to the S	Closed Status Spill (Misc. Spill Cause)
35	CLOSED-LACKOF RECENT INFO	90050 PARSONS BLVD.	587 feet to the SSW	Closed Status Tank Test Failure
164	90-50 PARSONS BOULEVARD	90-50 PARSONS BOULEVARD	587 feet to the SSW	Petroleum Bulk Storage Site
125	MANHOLE #5468	PARSONS BLVD & JAMAICA AV	600 feet to the SSW	Closed Status Spill (Misc. Spill Cause)
149	JAMAICA DISTRICT HEALTH CENTER	90-37 PARSONS BLVD	363 feet to the SW	Petroleum Bulk Storage Site
171	JAMAICA HEALTH CENTER	90-37 PARSONS BLVD	392 feet to the SW	Hazardous Waste Generator/Transporter
150	JAMAICA YMCA	89-25 PARSONS BOULEVARD	401 feet to the WNW	Petroleum Bulk Storage Site
157	WESTWOOD TERRACE	89-15 PARSONS BOULEVARD	513 feet to the WNW	Petroleum Bulk Storage Site
147	FIRST REFORMED CHURCH	159-29 90TH AVE	318 feet to the NW	Petroleum Bulk Storage Site
141	JAMAICA CENTER HOLDING CO. INC.	90-04 161 STREET	122 feet to the NNW*	Petroleum Bulk Storage Site
142	GREATER JAMAICA DEV CORP	90-04 161 ST	122 feet to the NNW*	Petroleum Bulk Storage Site
144	ST. CHRISTOPHER-OTILIE	89-30 161ST ST	235 feet to the NNW	Petroleum Bulk Storage Site
148	89-20 161ST ST	89-20 161ST ST	336 feet to the NNW	Petroleum Bulk Storage Site
155	NORTHWOOD TERRACE	160-10 89TH AVENUE	474 feet to the NNW	Petroleum Bulk Storage Site
62	MANHOLE #2659	89TH AVE & 161 ST	565 feet to the NNW	Closed Status Spill (Unk/Other Cause)
123	TRANSFORMER #7359	89TH AVE. /161 STREET	565 feet to the NNW	Closed Status Spill (Misc. Spill Cause)
124	MANHOLE 2659 NORTHWEST	CORNER 161 ST AT 89TH AVE	565 feet to the NNW	Closed Status Spill (Misc. Spill Cause)
174	NYNEX	161 ST/89TH AVE	565 feet to the NNW	Hazardous Waste Generator/Transporter
175	CONSOLIDATED EDISON	89 AVE & 161 ST VS7359	565 feet to the NNW	Hazardous Waste Generator/Transporter
126	160-11 89TH AVE	160-11 89TH AVE	631 feet to the NNW	Closed Status Spill (Misc. Spill Cause)
166	NEW WHITMAN HOME FOR ADULTS	160-11 89TH AVENUE	631 feet to the NNW	Petroleum Bulk Storage Site

Sites equal to or greater than 660 ft from subject property sorted by direction and distance

Map Id#	Site Name	Site Street	Approximate Distance & Direction From Property	Toxic Site Category
25	162-19 HILLSIDE AVE	162-19 HILLSIDE AVE	1465 feet to the N	Closed Status Tank Failure

42	162- 19 HILLSIDE AVENUE	162-19 HILLSIDE AVENUE	1465 feet to the N	Closed Status Tank Test Failure
43	CLOSED-LACKOF RECENT INFO	162-19 HILLSIDE AVENUE	1465 feet to the N	Closed Status Tank Test Failure
69	MANHOLE 1817	163RD ST & 89TH AVE	843 feet to the NNE	Closed Status Spill (Unk/Other Cause)
70	2661 MANHOLE	163RD ST / 89TH AV	843 feet to the NNE	Closed Status Spill (Unk/Other Cause)
71	MANHOLE 1661	163RD ST & 89TH AVE	843 feet to the NNE	Closed Status Spill (Unk/Other Cause)
12	162-11 89TH AVENUE	162-11 89TH AVENUE	846 feet to the NNE	Active Tank Test Failure
39	CLOSED-LACKOF RECENT INFO	164TH STREET POST OFFICE	1121 feet to the NNE	Closed Status Tank Test Failure
77	MANHOLE # 5465	89 AVENUE & 164 STREET	1121 feet to the NNE	Closed Status Spill (Unk/Other Cause)
44	APARTMENT BLDG. TTF	164-30 HILLSIDE AVE	1520 feet to the NNE	Closed Status Tank Test Failure
45	N Y TEL	88-11 165TH ST	1543 feet to the NNE	Closed Status Tank Test Failure
87	MAN HOLE #2277	88TH AVE & MERRICK BLVD	1738 feet to the NNE	Closed Status Spill (Unk/Other Cause)
16	MOBIL # 13147	165-01 HILLSIDE AVE	1789 feet to the NNE	Active Haz Spill (Unknown/Other Cause)
88	EXXON MOBIL	165-01 HILLSIDE AVE	1789 feet to the NNE	Closed Status Spill (Unk/Other Cause)
89	EXXON MOBIL # 13147	165-01 HILLSIDE AVE	1789 feet to the NNE	Closed Status Spill (Unk/Other Cause)
17	HILLSIDE SERVICE STATION	166-06 HILLSIDE AVE	1902 feet to the NNE	Active Haz Spill (Unknown/Other Cause)
13	89-30 164TH STREET	89-30 164TH STREET	885 feet to the NE	Active Tank Test Failure
14	89-24 164TH ST	89-24 164TH ST	885 feet to the NE	Active Tank Test Failure
81	90TH AVE & MERRICK BLVD	90TH AVE & MERRICK BLVD	1520 feet to the NE	Closed Status Spill (Unk/Other Cause)
82	MANHOLE 19707	MERRICK BLVD & 90TH AVE	1520 feet to the NE	Closed Status Spill (Unk/Other Cause)
28	PURAN HOME	168-11 88TH AVE	2331 feet to the NE	Closed Status Tank Failure
36	89-63 163RD ST/NYNEX	89063 163RD ST	707 feet to the ENE	Closed Status Tank Test Failure
85	VAULT # V780	JAMAICA AVENUE & MERRICK BLVD	1557 feet to the ENE	Closed Status Spill (Unk/Other Cause)
46	TABERNACLE OF PRAYER	90-07 MERRICK BLVD	1588 feet to the ENE	Closed Status Tank Test Failure
47	168 JAMAICA AVE/QUEENS	168 JAMAICA AVE	1918 feet to the ENE	Closed Status Tank Test Failure
98	MANHOLE 20589	168TH STREET/90TH AVE	1978 feet to the ENE	Closed Status Spill (Unk/Other Cause)
18	103 PRECINCT NYPD -DDC	168-02 91ST AVENUE	2055 feet to the ENE	Active Haz Spill (Unknown/Other Cause)
107	SERVICE BOX 18615	90TH AV & 169 ST	2501 feet to the ENE	Closed Status Spill (Unk/Other Cause)
108	TM 5794	90TH AVE / 169TH ST	2501 feet to the ENE	Closed Status Spill (Unk/Other Cause)
109	MANHOLE 1292	NW CORNER JAMAICA & 169TH	2503 feet to the ENE	Closed Status Spill (Unk/Other Cause)
111	168-50 JAMAICA AVENUE	168-50 JAMAICA AVENUE	2531 feet to the ENE	Closed Status Spill (Unk/Other Cause)
63		JAMAICA AV & GUY BREWER	682 feet to the E	Closed Status Spill (Unk/Other Cause)
65	VAULT 7697	JAMAICA AVE+163RD STREET	735 feet to the E	Closed Status Spill (Unk/Other Cause)
66	TV4924	163RD ST/JAMICIA AV	735 feet to the E	Closed Status Spill (Unk/Other Cause)
38	163-18 JAMAICA AVE	163-18 JAMAICA AVE	933 feet to the E	Closed Status Tank Test Failure
78	MH 11849	164-04 JAMAICA AVE	1163 feet to the E	Closed Status Spill (Unk/Other Cause)
24	16410 JAMAICA AVE	164-10 JAMAICA AVE	1227 feet to the E	Closed Status Tank Failure
40	SKLAR REALITY CO	164-22 JAMAICA AVE	1227 feet to the E	Closed Status Tank Test Failure
86	MANHOLE 10001	NW ARCHER AV/165 ST	1596 feet to the E	Closed Status Spill (Unk/Other Cause)
130	LIRR	LIRR NEAR JAMAICA STATION	1834 feet to the E	Closed Status Spill (Misc. Spill Cause)
26	CONSTRUCTION SITE	92-20 168TH STREET	1879 feet to the E	Closed Status Tank Failure
27	166-10 ARCHER AVE	166-10 ARCHER AVE	2038 feet to the E	Closed Status Tank Failure
9	THOMAS NOVELLI CONTRACTIN	94-07 MERRICK BLVD.	2112 feet to the E	Solid Waste Facility
29	INTERSTATE BRANDS INC	168-23 DOUGLAS AVENUE	2504 feet to the E	Closed Status Tank Failure
54	168-23 DOUGLAS AVE/QUEENS	168-23 DOUGLAS AVENUE	2504 feet to the E	Closed Status Tank Test Failure
110	168-23 DOUGLAS AVE/QUEENS	168-23 DOUGLAS AVENUE	2504 feet to the E	Closed Status Spill (Unk/Other Cause)
134	168-23 DOUGLAS AVENUE	168-23 DOUGLAS AVENUE	2504 feet to the E	Closed Status Spill (Misc. Spill Cause)
30	NY ARMORY OMS-41	93005 168 STREET	2523 feet to the E	Closed Status Tank Failure
55	NYS ARMORY	93-05 168TH ST	2523 feet to the E	Closed Status Tank Test Failure
56	93-05 168TH ST/NYS ARMORY	93-05 168TH STREET	2523 feet to the E	Closed Status Tank Test Failure

67	DS3115	92-18 GUY R BREWER BLVD	758 feet to the ESE	Closed Status Spill (Unk/Other Cause)
75	MANHOLE 11845	ARCHER AVE/GUY GRUER BLVD	1094 feet to the ESE	Closed Status Spill (Unk/Other Cause)
129	ON STREET	163 RD ST AND ARCHER AVE	1094 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
5	GREENBAY SANITATION CORP.		1917 feet to the ESE	Solid Waste Facility
6	N.Y. PAVING COMPANY		2074 feet to the ESE	Solid Waste Facility
7	T. NOVELLI CONT. CORP.		2074 feet to the ESE	Solid Waste Facility
8	THOMAS NOVELLI CONTRACTIN		2074 feet to the ESE	Solid Waste Facility
10	JAMAICA RECYLING LIBERTY	94-24 MERRICK BLVD.	2173 feet to the ESE	Solid Waste Facility
19	BP AMOCO STATION #11009	165-25 LIBERTY AVE	2343 feet to the ESE	Active Haz Spill (Unknown/Other Cause)
52	AMOCO	165-25 LIBERTY AVE	2343 feet to the ESE	Closed Status Tank Test Failure
53	CHECKER SERVICE STA. INC	165-25 LIBERTY AVE	2343 feet to the ESE	Closed Status Tank Test Failure
106		LIBERTY AVE & MERRICK BLV	2482 feet to the ESE	Closed Status Spill (Unk/Other Cause)
41	YORK COLLEGE	94-20 GUY BREWER BLVD	1367 feet to the SE	Closed Status Tank Test Failure
100	LIBERTY AVE & 164TH ST	LIBERTY AVE & 164TH ST	2013 feet to the SE	Closed Status Spill (Unk/Other Cause)
116	104-11 164 ST	104-11 164 ST.	2623 feet to the SE	Closed Status Spill (Unk/Other Cause)
23	YORK COLLEGE	94-20 160TH ST	1049 feet to the SSE	Closed Status Tank Failure
4	K - JAMAICA HOLDER STATION	158TH ST. & LIBERTY AVE.	1847 feet to the SSE	Brownfields Site
68	CITY STREET	158-001 ARCHER AVE	824 feet to the S	Closed Status Spill (Unk/Other Cause)
72	SUBWAY SYSTEM E-LINE	PARSONS BLVD/ARCHER AVE	888 feet to the S	Closed Status Spill (Unk/Other Cause)
73	PARSON/ARCHER STATION	J-LINE	888 feet to the S	Closed Status Spill (Unk/Other Cause)
83	FOOD AND DRUG ADMIN	158-15 LIBERTY AVENUE	1556 feet to the S	Closed Status Spill (Unk/Other Cause)
93	MAHOLE 2066	LIBERY AVE/158 ST	1910 feet to the S	Closed Status Spill (Unk/Other Cause)
94	CONSTRUCTION SITE/YORK	LIBERTY AVE AND 158TH AVE	1910 feet to the S	Closed Status Spill (Unk/Other Cause)
95	STATE DORMITORY AUTHORITY	158TH ST & LIBERTY ST	1910 feet to the S	Closed Status Spill (Unk/Other Cause)
103	SERVICE BOX #38864	IFO 155-11 LIBERTY AVE	2268 feet to the S	Closed Status Spill (Unk/Other Cause)
2	CEDAR MANOR (LIRR)	158TH STREET AND TRACKS	1413 feet to the SSW	Brownfields Site
3	K - JAMAICA GAS & LIGHT MGP	BEAVER RD., & 158TH ST.	1462 feet to the SSW	Brownfields Site
11	CONTEMP PROCESSING	94-01 150TH ST	1953 feet to the SSW	Active Tank Failure
48		94-01 150TH ST	1953 feet to the SSW	Closed Status Tank Test Failure
97	94-01 150TH STREET. / QUE	94-01 150TH STREET	1953 feet to the SSW	Closed Status Spill (Unk/Other Cause)
49	NYNEX	95-40 TUCKERTON STR.	2145 feet to the SSW	Closed Status Tank Test Failure
50	9540 TUCKERTON ST/QUEENS	9540 TUCKERTON STREET	2145 feet to the SSW	Closed Status Tank Test Failure
101	IN THE PARKING LOT OF	95-40 TUCKERTON ST	2145 feet to the SSW	Closed Status Spill (Unk/Other Cause)
102	NYNEX GARAGE	95-40 TUCKERTIN STREET	2145 feet to the SSW	Closed Status Spill (Unk/Other Cause)
105	NOT FOUND	95TH AVE/149 ST	2408 feet to the SSW	Closed Status Spill (Unk/Other Cause)
57	95-04 149 ST	95-04 149 ST	2600 feet to the SSW	Closed Status Tank Test Failure
76	NEW COURT HOUSE	JAMAICA AVE & 153RD ST	1111 feet to the SW	Closed Status Spill (Unk/Other Cause)
80	FAMILY COURT HOUSE	151-20 JAMAICA AVE	1416 feet to the SW	Closed Status Spill (Unk/Other Cause)
84	NYPD LABORTORY	150-14 JAMAICA AVE	1557 feet to the SW	Closed Status Spill (Unk/Other Cause)
112	94TH AVENUE	94TH AVENUE	2555 feet to the SW	Closed Status Spill (Unk/Other Cause)
137		95TH AVE & 148TH ST	2623 feet to the SW	Closed Status Spill (Misc. Spill Cause)
138		148TH ST & 95TH AVE	2623 feet to the SW	Closed Status Spill (Misc. Spill Cause)
139		148TH ST & 95TH AV	2623 feet to the SW	Closed Status Spill (Misc. Spill Cause)
140	VAULT #6898	148TH ST & 95TH AV	2623 feet to the SW	Closed Status Spill (Misc. Spill Cause)
15	AMERICAN SEVASHRAM, INC.	153-14 90TH AVENUE	886 feet to the WSW	Active Tank Test Failure
92	APARTMENT BLDG	90-11 149TH ST	1909 feet to the WSW	Closed Status Spill (Unk/Other Cause)
133	QUEENS COUNTY COURTHOUSE	89-17 SUTPHIN BLVD	2442 feet to the WSW	Closed Status Spill (Misc. Spill Cause)

114	VAULT 8891	EAST SUTPHIM BLVD	2612 feet to the WSW	Closed Status Spill (Unk/Other Cause)
115	MANHOLE 1552	SUTPHIN BLVD & JAMAICA AVENUE	2612 feet to the WSW	Closed Status Spill (Unk/Other Cause)
136	LIRR	JAMAICA AV & SUTPHIN BL	2612 feet to the WSW	Closed Status Spill (Misc. Spill Cause)
1	FORMER QUEENS FAMILY COURTHOUSE - LUMBER YARD	89-14 PARSONS BOULEVARD	820 feet to the W	Brownfields Site
51	BUSINESS	88-09 148TH STREET	2268 feet to the W	Closed Status Tank Test Failure
113	QUEENS CIVIL COURT	89-17 SUTPHIN BLVD	2566 feet to the W	Closed Status Spill (Unk/Other Cause)
135	QUEENS CIVIL COURT	89-17 SUTPHIN BLVD	2566 feet to the W	Closed Status Spill (Misc. Spill Cause)
64	MH #17730	89TH AVE & PARSONS BLVD	693 feet to the WNW	Closed Status Spill (Unk/Other Cause)
22	QUEENS FAMILY COURT HOUSE	89-14 PARSONS BLVD	794 feet to the WNW	Closed Status Tank Failure
37	QUEENS FAMILY COURT	89-14 PARSONS BLVD	794 feet to the WNW	Closed Status Tank Test Failure
90	150-24 HILLSIDE AVENUE	150-24 HILLSIDE AVENUE	1800 feet to the WNW	Closed Status Spill (Unk/Other Cause)
74	87-93 PARSONS BLVD.	87-93 PARSONS BOULEVARD	1070 feet to the NW	Closed Status Spill (Unk/Other Cause)
79	MANHOLE # TM908	PARSONS BL & HILLSIDE AVE	1387 feet to the NW	Closed Status Spill (Unk/Other Cause)
91	MANHOLE #17212	PARSONS BLVD & 87TH ST	1829 feet to the NW	Closed Status Spill (Unk/Other Cause)
99	ONE GAL DIELECTRIC FLUID IN MH #890	87 AVENUE & PARSONS BLVD	1987 feet to the NW	Closed Status Spill (Unk/Other Cause)
132	MANHOLE 5116	PARSONS BLVD & 87TH AVE	1987 feet to the NW	Closed Status Spill (Misc. Spill Cause)
104	MANHOLE #17206	PARSONS BLVD/86TH AVE	2276 feet to the NW	Closed Status Spill (Unk/Other Cause)
96	160-05 HIGHLAND AVE	160-05 HIGHLAND AVE	1930 feet to the NNW	Closed Status Spill (Unk/Other Cause)
131	HILLCREST HIGH SCHOOL	160-05 HIGHLAND AVE	1930 feet to the NNW	Closed Status Spill (Misc. Spill Cause)

Identified Toxic Sites by Category

90-11 to 90-14 161st Street
Queens, NY 11432

* Compass directions can vary substantially for sites located very close to the subject property address.

Brownfields Sites -- Total Sites - 4

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
1	C241093	FORMER QUEENS FAMILY COURTHOUSE - LUMBER YARD	89-14 PARSONS BOULEVARD	820 feet to the W
2	V00388	CEDAR MANOR (LIRR)	158TH STREET AND TRACKS	1413 feet to the SSW
3	C241063	K - JAMAICA GAS & LIGHT MGP	BEAVER RD., & 158TH ST.	1462 feet to the SSW
4	C241062	K - JAMAICA HOLDER STATION	158TH ST. & LIBERTY AVE.	1847 feet to the SSE

Database searched at 1/2 MILE - ASTM required search distance: 1/2 Mile

Solid Waste Facilities -- Total Sites - 6

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
5	41T46	GREENBAY SANITATION CORP.		1917 feet to the ESE
6	41T41	N.Y. PAVING COMPANY		2074 feet to the ESE
7	41T57	T. NOVELLI CONT. CORP.		2074 feet to the ESE
8	41W57	THOMAS NOVELLI CONTRACTIN		2074 feet to the ESE
9	41W90	THOMAS NOVELLI CONTRACTIN	94-07 MERRICK BLVD.	2112 feet to the E
10	41T30	JAMAICA RECYLING LIBERTY	94-24 MERRICK BLVD.	2173 feet to the ESE

Database searched at 1/2 MILE - ASTM required search distance: 1/2 Mile

Active Tank Failures -- Total Sites - 1

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
11	0007232	CONTEMP PROCESSING	94-01 150TH ST	1953 feet to the SSW

Database searched at 1/2 MILE - ASTM required search distance: 1/2 Mile

Active Tank Test Failures -- Total Sites - 4

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
12	0301815	162-11 89TH AVENUE	162-11 89TH AVENUE	846 feet to the NNE
13	0305491	89-30 164TH STREET	89-30 164TH STREET	885 feet to the NE
14	0304763	89-24 164TH ST	89-24 164TH ST	885 feet to the NE
15	9811864	AMERICAN SEVASHRAM, INC.	153-14 90TH AVENUE	886 feet to the WSW

Database searched at 1/2 MILE - ASTM required search distance: 1/2 Mile

Active Haz Spills (Unknown Causes & Other Causes) -- Total Sites - 4

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
16	0701360	MOBIL # 13147	165-01 HILLSIDE AVE	1789 feet to the NNE
17	9712952	HILLSIDE SERVICE STATION	166-06 HILLSIDE AVE	1902 feet to the NNE
18	9511826	103 PRECINCT NYPD -DDC	168-02 91ST AVENUE	2055 feet to the ENE
19	9913468	BP AMOCO STATION #11009	165-25 LIBERTY AVE	2343 feet to the ESE

Database searched at 1/2 MILE - ASTM required search distance: 1/2 Mile

Active Haz Spills (Miscellaneous Spill Causes) -- Total Sites - 1

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
20	0313520	SHELTON HOUSES (BAISLEY PARK) -NYCHA	89-09 162ND ST	637 feet to the NNE

Database searched at 1/2 MILE - ASTM required search distance: 1/2 Mile

Closed Status Tank Failures -- Total Sites - 10

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
21	0212020	SALVATION ARMY	90-23 161ST ST	201 feet to the E
22	0202895	QUEENS FAMILY COURT HOUSE	89-14 PARSONS BLVD	794 feet to the WNW
23	0511961	YORK COLLEGE	94-20 160TH ST	1049 feet to the SSE
24	0100429	16410 JAMAICA AVE	164-10 JAMAICA AVE	1227 feet to the E
25	9407950	162-19 HILLSIDE AVE	162-19 HILLSIDE AVE	1465 feet to the N
26	0510361	CONSTRUCTION SITE	92-20 168TH STREET	1879 feet to the E
27	9212405	166-10 ARCHER AVE	166-10 ARCHER AVE	2038 feet to the E
28	0610068	PURAN HOME	168-11 88TH AVE	2331 feet to the NE

Database searched at 1/2 MILE - ASTM required search distance: 1/2 Mile

29	9809392	INTERSTATE BRANDS INC	168-23 DOUGLAS AVENUE	2504 feet to the E
30	8907847	NY ARMORY OMS-41	93005 168 STREET	2523 feet to the E

Closed Status Tank Test Failures -- Total Sites - 27

MAP ID	FACILITY ID	FACILITY NAME
31	8804760	DOMINICAN COMMERCIAL HS
32	8710881	
33	8710862	
34	0210402	DOMINICAN COMMERCIAL HIGH SCHOOL
35	8801087	CLOSED-LACKOF RECENT INFO
36	9108934	89-63 163RD ST/NYNEX
37	0101552	QUEENS FAMILY COURT
38	9613230	163-18 JAMAICA AVE
39	8906090	CLOSED-LACKOF RECENT INFO
40	0109404	SKLAR REALITY CO
41	0700361	YORK COLLEGE
42	9405284	162- 19 HILLSIDE AVENUE
43	9012055	CLOSED-LACKOF RECENT INFO
44	0500521	APARTMENT BLDG. TTF
45	9109999	N Y TEL
46	0112070	TABERNACLE OF PRAYER
47	8709257	168 JAMAICA AVE/QUEENS
48	9909545	
49	9108734	NYNEX
50	9003131	9540 TUCKERTON ST/QUEENS
51	0514082	BUSINESS
52	9411833	AMOCO
53	8804863	CHECKER SERVICE STA. INC
54	8800582	168-23 DOUGLAS AVE/QUEENS
55	9702878	NYS ARMORY
56	8806449	93-05 168TH ST/NYS ARMORY
57	8804089	95-04 149 ST

Database searched at 1/2 MILE - ASTM required search distance: 1/2 Mile

FACILITY STREET	DISTANCE & DIRECTION
161-06 89TH AVENUE	455 feet to the N
161-06 89TH AVE	455 feet to the N
161-06 89TH AVE	455 feet to the N
161-06 89TH AVE	455 feet to the N
90050 PARSONS BLVD.	587 feet to the SSW
89063 163RD ST	707 feet to the ENE
89-14 PARSONS BLVD	794 feet to the WNW
163-18 JAMAICA AVE	933 feet to the E
164TH STREET POST OFFICE	1121 feet to the NNE
164-22 JAMAICA AVE	1227 feet to the E
94-20 GUY BREWER BLVD	1367 feet to the SE
162-19 HILLSIDE AVENUE	1465 feet to the N
162-19 HILLSIDE AVENUE	1465 feet to the N
164-30 HILLSIDE AVE	1520 feet to the NNE
88-11 165TH ST	1543 feet to the NNE
90-07 MERRICK BLVD	1588 feet to the ENE
168 JAMAICA AVE	1918 feet to the ENE
94-01 150TH ST	1953 feet to the SSW
95-40 TUCKERTON STR.	2145 feet to the SSW
9540 TUCKERTON STREET	2145 feet to the SSW
88-09 148TH STREET	2268 feet to the W
165-25 LIBERTY AVE	2343 feet to the ESE
165-25 LIBERTY AVE	2343 feet to the ESE
168-23 DOUGLAS AVENUE	2504 feet to the E
93-05 168TH ST	2523 feet to the E
93-05 168TH STREET	2523 feet to the E
95-04 149 ST	2600 feet to the SSW

Closed Status Spills (Unknown Causes & Other Causes) -- Total Sites - 59

MAP ID	FACILITY ID	FACILITY NAME
58	0604855	MANHOLE 2351
59	9313800	160TH ST & JAMAICA AVE
60	0202259	MANHOLE #724
61	0004929	SB 27693
62	0206109	MANHOLE #2659
63	9902115	
64	0003182	MH #17730
65	9815580	VAULT 7697
66	0007126	TV4924
67	0007031	DS3115
68	0706075	CITY STREET
69	9913253	MANHOLE 1817
70	0106110	2661 MANHOLE
71	0009964	MANHOLE 1661
72	9807967	SUBWAY SYSTEM E-LINE
73	0011495	PARSON/ARCHER STATION
74	9416783	87-93 PARSONS BLVD.
75	0006925	MANHOLE 11845

Database searched at 1/2 MILE - ASTM required search distance: 1/2 Mile

FACILITY STREET	DISTANCE & DIRECTION
90 AVENUE & 161 STREET	195 feet to the N*
160TH ST & JAMAICA AVE	421 feet to the SSE
JAMACIA AVE &162 ST	522 feet to the ESE
162ND ST/JAMAICA AVE	522 feet to the ESE
89TH AVE & 161 ST	565 feet to the NNW
JAMAICA AV & GUY BREWER	682 feet to the E
89TH AVE & PARSONS BLVD	693 feet to the WNW
JAMAICA AVE+163RD STREET	735 feet to the E
163RD ST/JAMICIA AV	735 feet to the E
92-18 GUY R BREWER BLVD	758 feet to the ESE
158-001 ARCHER AVE	824 feet to the S
163RD ST & 89TH AVE	843 feet to the NNE
163RD ST / 89TH AV	843 feet to the NNE
163RD ST & 89TH AVE	843 feet to the NNE
PARSONS BLVD/ARCHER AVE	888 feet to the S
J-LINE	888 feet to the S
87-93 PARSONS BOULEVARD	1070 feet to the NW
ARCHER AVE/GUY GRUER BLVD	1094 feet to the ESE

76	9900164	NEW COURT HOUSE	JAMAICA AVE & 153RD ST	1111 feet to the SW
77	0601748	MANHOLE # 5465	89 AVENUE & 164 STREET	1121 feet to the NNE
78	9813553	MH 11849	164-04 JAMAICA AVE	1163 feet to the E
79	9908476	MANHOLE # TM908	PARSONS BL & HILLSIDE AVE	1387 feet to the NW
80	9908135	FAMILY COURT HOUSE	151-20 JAMAICA AVE	1416 feet to the SW
81	9307908	90TH AVE & MERRICK BLVD	90TH AVE & MERRICK BLVD	1520 feet to the NE
82	0405533	MANHOLE 19707	MERRICK BLVD & 90TH AVE	1520 feet to the NE
83	9910102	FOOD AND DRUG ADMIN	158-15 LIBERTY AVENUE	1556 feet to the S
84	0406294	NYPD LABORTORY	150-14 JAMAICA AVE	1557 feet to the SW
85	0605184	VAULT # V780	JAMAICA AVENUE & MERRICK BLVD	1557 feet to the ENE
86	0312204	MANHOLE 10001	NW ARCHER AV/165 ST	1596 feet to the E
87	0403921	MAN HOLE #2277	88TH AVE & MERRICK BLVD	1738 feet to the NNE
88	0709415	EXXON MOBIL	165-01 HILLSIDE AVE	1789 feet to the NNE
89	0608640	EXXON MOBIL # 13147	165-01 HILLSIDE AVE	1789 feet to the NNE
90	9411042	150-24 HILLSIDE AVENUE	150-24 HILLSIDE AVENUE	1800 feet to the WNW
91	9902236	MANHOLE #17212	PARSONS BLVD & 87TH ST	1829 feet to the NW
92	9710926	APARTMENT BLDG	90-11 149TH ST	1909 feet to the WSW
93	9814004	MAHOLE 2066	LIBERY AVE/158 ST	1910 feet to the S
94	9712025	CONSTRUCTION SITE/YORK	LIBERTY AVE AND 158TH AVE	1910 feet to the S
95	9402695	STATE DORMITORY AUTHORITY	158TH ST & LIBERTY ST	1910 feet to the S
96	0409013	160-05 HIGHLAND AVE	160-05 HIGHLAND AVE	1930 feet to the NNW
97	8701261	94-01 150TH STREET. / QUE	94-01 150TH STREET	1953 feet to the SSW
98	0012198	MANHOLE 20589	168TH STREET/90TH AVE	1978 feet to the ENE
99	0700835	ONE GAL DIELECTRIC FLUID IN MH #890	87 AVENUE & PARSONS BLVD	1987 feet to the NW
100	9404808	LIBERTY AVE & 164TH ST	LIBERTY AVE & 164TH ST	2013 feet to the SE
101	9706920	IN THE PARKING LOT OF	95-40 TUCKERTON ST	2145 feet to the SSW
102	9701920	NYNEX GARAGE	95-40 TUCKERTIN STREET	2145 feet to the SSW
103	9911146	SERVICE BOX #38864	IFO 155-11 LIBERTY AVE	2268 feet to the S
104	9902243	MANHOLE #17206	PARSONS BLVD/86TH AVE	2276 feet to the NW
105	0603449	NOT FOUND	95TH AVE/149 ST	2408 feet to the SSW
106	9815187		LIBERTY AVE & MERRICK BLV	2482 feet to the ESE
107	9901372	SERVICE BOX 18615	90TH AV & 169 ST	2501 feet to the ENE
108	9900625	TM 5794	90TH AVE / 169TH ST	2501 feet to the ENE
109	9900198	MANHOLE 1292	NW CORNER JAMAICA & 169TH	2503 feet to the ENE
110	8903532	168-23 DOUGLAS AVE/QUEENS	168-23 DOUGLAS AVENUE	2504 feet to the E
111	9400568	168-50 JAMAICA AVENUE	168-50 JAMAICA AVENUE	2531 feet to the ENE
112	9314196	94TH AVENUE	94TH AVENUE	2555 feet to the SW
113	0011543	QUEENS CIVIL COURT	89-17 SUTPHIN BLVD	2566 feet to the W
114	9901931	VAULT 8891	EAST SUTPHIM BLVD	2612 feet to the WSW
115	0601131	MANHOLE 1552	SUTPHIN BLVD & JAMAICA AVENUE	2612 feet to the WSW
116	0412522	104-11 164 ST	104-11 164 ST.	2623 feet to the SE

Closed Status Spills (Miscellaneous Spill Causes) -- Total Sites - 24

MAP ID	FACILITY ID	FACILITY NAME
117	0709972	STATE TRANSPORTATION TRUC
118	8707224	90-43 160TH ST/QUEENS
119	9012150	89-61 162ND ST/QUEENS
120	8911584	89-61 162ND ST/QUEENS
121	0111004	X
122	0111056	OFFICE BUILDING
123	0312596	TRANSFORMER #7359
124	0206409	MANHOLE 2659 NORTHWEST
125	0010112	MANHOLE #5468

Database searched at 1/2 MILE - ASTM required search distance: 1/2 Mile

FACILITY STREET	DISTANCE & DIRECTION
89-31 161ST STREET	276 feet to the NNE
90-43 160TH ST	294 feet to the S
89-61 162ND STREET	450 feet to the ENE
89-61 162ND STREET	450 feet to the ENE
89-61 162ND ST	450 feet to the ENE
89-51 162ND ST	455 feet to the NE
89TH AVE. /161 STREET	565 feet to the NNW
CORNER 161 ST AT 89TH AVE	565 feet to the NNW
PARSONS BLVD & JAMAICA AV	600 feet to the SSW

126	0612572	160-11 89TH AVE	160-11 89TH AVE	631 feet to the NNW
127	9507109	SHELTON HOUSES	89-09 162ND STREET	637 feet to the NNE
128	0302175	BALLEY HEALTH	159-26 JAMAICA AVENUE	641 feet to the S
129	0512868	ON STREET	163 RD ST AND ARCHER AVE	1094 feet to the ESE
130	9301900	LIRR	LIRR NEAR JAMAICA STATION	1834 feet to the E
131	0702973	HILLCREST HIGH SCHOOL	160-05 HIGHLAND AVE	1930 feet to the NNW
132	0008024	MANHOLE 5116	PARSONS BLVD & 87TH AVE	1987 feet to the NW
133	0211815	QUEENS COUNTY COURTHOUSE	89-17 SUTPHIN BLVD	2442 feet to the WSW
134	9506937	168-23 DOUGLAS AVENUE	168-23 DOUGLAS AVENUE	2504 feet to the E
135	0211812	QUEENS CIVIL COURT	89-17 SUTPHIN BLVD	2566 feet to the W
136	0005944	LIRR	JAMAICA AV & SUTPHIN BL	2612 feet to the WSW
137	9914434		95TH AVE & 148TH ST	2623 feet to the SW
138	9914065		148TH ST & 95TH AVE	2623 feet to the SW
139	9814213		148TH ST & 95TH AV	2623 feet to the SW
140	0306405	VAULT #6898	148TH ST & 95TH AV	2623 feet to the SW

Petroleum Bulk Storage Sites -- Total Sites - 29

MAP ID	FACILITY ID	FACILITY NAME
141	2-607434	JAMAICA CENTER HOLDING CO. INC.
142	NY04424	GREATER JAMAICA DEV CORP
143	NY08834	SALVATION ARMY
144	2-045683	ST. CHRISTOPHER-OTILIE
145	2-610280	YORK SIDE TOWERS II
146	2-602823	89-31 161ST STREET
147	2-216496	FIRST REFORMED CHURCH
148	2-369489	89-20 161ST ST
149	2-218944	JAMAICA DISTRICT HEALTH CENTER
150	2-246565	JAMAICA YMCA
151	2-600020	89-61 162ND STREET
152	2-400165	DOMINICAN COMMERCIAL HIGH SCHOOL
153	NY03325	DOMINICAN COMMERCIAL
154	NY03323	DOMINCAN COMERICIAL
155	2-062006	NORTHWOOD TERRACE
156	2-510165	160-08 JAMAICA AVENUE
157	2-061999	WESTWOOD TERRACE
158	NY04049	FRED STARK
159	2-600059	162-11 JAMAICA AVENUE REALTY ASSOCIATES
160	NY08683	RUBY INTERNATIONAL INC.
161	NY07410	NYC DEPT OF PUB WORKS
162	2-602878	COMMUNITY MEDIATION SERVICES, INC.
163	NY01842	BASTRICH REALTY CORP.
164	2-245275	90-50 PARSONS BOULEVARD
165	2-608363	JP MORGAN CHASE MANHATTAN BANK
166	2-109134	NEW WHITMAN HOME FOR ADULTS
167	2-475696	SHELTON HOUSES (BAISLEY PARK)
168	NY10517	YORK REALTY
169	2-109592	BRISTOL QUEENS CORP

Hazardous Waste Generators, Transporters -- Total Sites - 10

MAP ID	FACILITY ID	FACILITY NAME
170	NYR000114157	DOMINICAN COMMERCIAL H S
171	NYR000004796	JAMAICA HEALTH CENTER
172	NYR000006007	BROOKLYN UNION GAS

Database searched at 1/8 MILE - ASTM required search distance: Property & Adjacent

FACILITY STREET	DISTANCE & DIRECTION
90-04 161 STREET	122 feet to the NNW*
90-04 161 ST	122 feet to the NNW*
90-23 161 ST	201 feet to the E
89-30 161ST ST	235 feet to the NNW
89-44 162ND STREET	268 feet to the NNE
89-31 161ST STREET	276 feet to the NNE
159-29 90TH AVE	318 feet to the NW
89-20 161ST ST	336 feet to the NNW
90-37 PARSONS BLVD	363 feet to the SW
89-25 PARSONS BOULEVARD	401 feet to the WNW
89-61 162ND STREET	453 feet to the ENE
161-06 89TH AVE	455 feet to the N
89-25 161 ST	455 feet to the N
89-01 161 ST	455 feet to the N
160-10 89TH AVENUE	474 feet to the NNW
160-08 JAMAICA AVENUE	502 feet to the SSE
89-15 PARSONS BOULEVARD	513 feet to the WNW
161-02 JAMAICA AVE	540 feet to the SE
162-17 JAMAICA AVENUE	558 feet to the E
162-17 JAMAICA AVE	558 feet to the E
161-04 JAMAICA AVE	563 feet to the SE
89-64 163RD STREET	580 feet to the ENE
89-64 163 ST	580 feet to the ENE
90-50 PARSONS BOULEVARD	587 feet to the SSW
161-10 JAMAICA AVENUE	595 feet to the SE
160-11 89TH AVENUE	631 feet to the NNW
89-09 162ND STREET	637 feet to the NNE
162-20 JAMAICA AVE	643 feet to the ESE
161-01 89TH AVE	656 feet to the N

Database searched at 1/8 MILE - ASTM required search distance: Property & Adjacent

FACILITY STREET	DISTANCE & DIRECTION
161-06 69TH AVE	390 feet to the N
90-37 PARSONS BLVD	392 feet to the SW
8967 162ND ST	461 feet to the E

173	NYD987028909	ADT SECURITIES	89-64 163RD ST	543 feet to the ENE
174	NYP000918474	NYNEX	161 ST/89TH AVE	565 feet to the NNW
175	NYP004118014	CONSOLIDATED EDISON	89 AVE & 161 ST VS7359	565 feet to the NNW
176	NYR000116749	JAMAICA CENTER FOR ARTS & LEARNING INC	161-04 JAMAICA AVE	567 feet to the SE
177	NYP004031464	CONSOLIDATED EDISON COMPANY OF NEW YORK	V4902-16247 JAMAICA AVE	569 feet to the E
178	NYD982793168	SUNSHINE CLEANERS	89-26 163RD STREET	590 feet to the NE
179	NYR000042069	WOOLWORTHS	62-21 JAMAICA AVE	633 feet to the E

Air Discharge Sites -- Total Sites - 1

MAP ID	FACILITY ID	FACILITY NAME
180	3608100754	SUNSHINE DRY CLEANERS

Database searched at 1/8 MILE - Non-ASTM Database

FACILITY STREET	DISTANCE & DIRECTION
89-26 163RD STREET	617 feet to the NE

NYC Env. Quality Review - Env. Designation Sites -- Total Sites - 1

MAP ID	FACILITY ID	FACILITY NAME
181	E-175	BLOCK: 9757 LOT: 18

Database searched at 250 FT - ASTM required search distance: Onsite Only

FACILITY STREET	DISTANCE & DIRECTION
90-04 161 STREET	0 feet

Identified Toxic Sites by Proximity

90-11 to 90-14 161st Street, Queens, NY 11432

* Compass directions can vary substantially for sites located very close to the subject property address.

Map Id#	Site Name	Site Street	Approximate Distance & Direction From Property	Toxic Site Category
181	BLOCK: 9757 LOT: 18	90-04 161 STREET	0 feet	NYC Env. Qual. Review-"E" Designation
141	JAMAICA CENTER HOLDING CO. INC.	90-04 161 STREET	122 feet to the NNW*	Petroleum Bulk Storage Site
142	GREATER JAMAICA DEV CORP	90-04 161 ST	122 feet to the NNW*	Petroleum Bulk Storage Site
58	MANHOLE 2351	90 AVENUE & 161 STREET	195 feet to the N*	Closed Status Spill (Unk/Other Cause)
21	SALVATION ARMY	90-23 161ST ST	201 feet to the E	Closed Status Tank Failure
143	SALVATION ARMY	90-23 161 ST	201 feet to the E	Petroleum Bulk Storage Site
144	ST. CHRISTOPHER-OTILIE	89-30 161ST ST	235 feet to the NNW	Petroleum Bulk Storage Site
145	YORK SIDE TOWERS II	89-44 162ND STREET	268 feet to the NNE	Petroleum Bulk Storage Site
117	STATE TRANSPORTATION TRUC	89-31 161ST STREET	276 feet to the NNE	Closed Status Spill (Misc. Spill Cause)
146	89-31 161ST STREET	89-31 161ST STREET	276 feet to the NNE	Petroleum Bulk Storage Site
118	90-43 160TH ST/QUEENS	90-43 160TH ST	294 feet to the S	Closed Status Spill (Misc. Spill Cause)
147	FIRST REFORMED CHURCH	159-29 90TH AVE	318 feet to the NW	Petroleum Bulk Storage Site
148	89-20 161ST ST	89-20 161ST ST	336 feet to the NNW	Petroleum Bulk Storage Site
149	JAMAICA DISTRICT HEALTH CENTER	90-37 PARSONS BLVD	363 feet to the SW	Petroleum Bulk Storage Site
170	DOMINICAN COMMERCIAL H S	161-06 69TH AVE	390 feet to the N	Hazardous Waste Generator/Transporter
171	JAMAICA HEALTH CENTER	90-37 PARSONS BLVD	392 feet to the SW	Hazardous Waste Generator/Transporter
150	JAMAICA YMCA	89-25 PARSONS BOULEVARD	401 feet to the WNW	Petroleum Bulk Storage Site
59	160TH ST & JAMAICA AVE	160TH ST & JAMAICA AVE	421 feet to the SSE	Closed Status Spill (Unk/Other Cause)
119	89-61 162ND ST/QUEENS	89-61 162ND STREET	450 feet to the ENE	Closed Status Spill (Misc. Spill Cause)
120	89-61 162ND ST/QUEENS	89-61 162ND STREET	450 feet to the ENE	Closed Status Spill (Misc. Spill Cause)
121	X	89-61 162ND ST	450 feet to the ENE	Closed Status Spill (Misc. Spill Cause)
151	89-61 162ND STREET	89-61 162ND STREET	453 feet to the ENE	Petroleum Bulk Storage Site
31	DOMINICAN COMMERCIAL HS	161-06 89TH AVENUE	455 feet to the N	Closed Status Tank Test Failure
32		161-06 89TH AVE	455 feet to the N	Closed Status Tank Test Failure
33		161-06 89TH AVE	455 feet to the N	Closed Status Tank Test Failure
34	DOMINICAN COMMERCIAL HIGH SCHOOL	161-06 89TH AVE	455 feet to the N	Closed Status Tank Test Failure
122	OFFICE BUILDING	89-51 162ND ST	455 feet to the NE	Closed Status Spill (Misc. Spill Cause)
152	DOMINICAN COMMERCIAL HIGH SCHOOL	161-06 89TH AVE	455 feet to the N	Petroleum Bulk Storage Site
153	DOMINICAN COMMERCIAL	89-25 161 ST	455 feet to the N	Petroleum Bulk Storage Site
154	DOMINICAN COMERCIAL	89-01 161 ST	455 feet to the N	Petroleum Bulk Storage Site
172	BROOKLYN UNION GAS	8967 162ND ST	461 feet to the E	Hazardous Waste Generator/Transporter
155	NORTHWOOD TERRACE	160-10 89TH AVENUE	474 feet to the NNW	Petroleum Bulk Storage Site
156	160-08 JAMAICA AVENUE	160-08 JAMAICA AVENUE	502 feet to the SSE	Petroleum Bulk Storage Site
157	WESTWOOD TERRACE	89-15 PARSONS BOULEVARD	513 feet to the WNW	Petroleum Bulk Storage Site
60	MANHOLE #724	JAMACIA AVE & 162 ST	522 feet to the ESE	Closed Status Spill (Unk/Other Cause)
61	SB 27693	162ND ST/JAMAICA AVE	522 feet to the ESE	Closed Status Spill (Unk/Other Cause)
158	FRED STARK	161-02 JAMAICA AVE	540 feet to the SE	Petroleum Bulk Storage Site
173	ADT SECURITIES	89-64 163RD ST	543 feet to the ENE	Hazardous Waste Generator/Transporter
159	162-11 JAMAICA AVENUE REALTY ASSOCIATES	162-17 JAMAICA AVENUE	558 feet to the E	Petroleum Bulk Storage Site
160	RUBY INTERNATIONAL INC.	162-17 JAMAICA AVE	558 feet to the E	Petroleum Bulk Storage Site
161	NYC DEPT OF PUB WORKS	161-04 JAMAICA AVE	563 feet to the SE	Petroleum Bulk Storage Site
62	MANHOLE #2659	89TH AVE & 161 ST	565 feet to the NNW	Closed Status Spill (Unk/Other Cause)
123	TRANSFORMER #7359	89TH AVE. /161 STREET	565 feet to the NNW	Closed Status Spill (Misc. Spill Cause)
124	MANHOLE 2659 NORTHWEST	CORNER 161 ST AT 89TH AVE	565 feet to the NNW	Closed Status Spill (Misc. Spill Cause)
174	NYNEX	161 ST/89TH AVE	565 feet to the NNW	Hazardous Waste Generator/Transporter

175	CONSOLIDATED EDISON	89 AVE & 161 ST VS7359	565 feet to the NNW	Hazardous Waste Generator/Transporter
176	JAMAICA CENTER FOR ARTS & LEARNING INC	161-04 JAMAICA AVE	567 feet to the SE	Hazardous Waste Generator/Transporter
177	CONSOLIDATED EDISON COMPANY OF NEW YORK	V4902-16247 JAMAICA AVE	569 feet to the E	Hazardous Waste Generator/Transporter
162	COMMUNITY MEDIATION SERVICES, INC.	89-64 163RD STREET	580 feet to the ENE	Petroleum Bulk Storage Site
163	BASTRICH REALTY CORP.	89-64 163 ST	580 feet to the ENE	Petroleum Bulk Storage Site
35	CLOSED-LACKOF RECENT INFO	90050 PARSONS BLVD.	587 feet to the SSW	Closed Status Tank Test Failure
164	90-50 PARSONS BOULEVARD	90-50 PARSONS BOULEVARD	587 feet to the SSW	Petroleum Bulk Storage Site
178	SUNSHINE CLEANERS	89-26 163RD STREET	590 feet to the NE	Hazardous Waste Generator/Transporter
165	JP MORGAN CHASE MANHATTAN BANK	161-10 JAMAICA AVENUE	595 feet to the SE	Petroleum Bulk Storage Site
125	MANHOLE #5468	PARSONS BLVD & JAMAICA AV	600 feet to the SSW	Closed Status Spill (Misc. Spill Cause)
180	SUNSHINE DRY CLEANERS	89-26 163RD STREET	617 feet to the NE	Air Discharge Site
126	160-11 89TH AVE	160-11 89TH AVE	631 feet to the NNW	Closed Status Spill (Misc. Spill Cause)
166	NEW WHITMAN HOME FOR ADULTS	160-11 89TH AVENUE	631 feet to the NNW	Petroleum Bulk Storage Site
179	WOOLWORTHS	62-21 JAMAICA AVE	633 feet to the E	Hazardous Waste Generator/Transporter
20	SHELTON HOUSES (BAISLEY PARK) -NYCHA	89-09 162ND ST	637 feet to the NNE	Active Haz Spill (Misc. Spill Cause)
127	SHELTON HOUSES	89-09 162ND STREET	637 feet to the NNE	Closed Status Spill (Misc. Spill Cause)
167	SHELTON HOUSES (BAISLEY PARK)	89-09 162ND STREET	637 feet to the NNE	Petroleum Bulk Storage Site
128	BALLEY HEALTH	159-26 JAMAICA AVENUE	641 feet to the S	Closed Status Spill (Misc. Spill Cause)
168	YORK REALTY	162-20 JAMAICA AVE	643 feet to the ESE	Petroleum Bulk Storage Site
169	BRISTOL QUEENS CORP	161-01 89TH AVE	656 feet to the N	Petroleum Bulk Storage Site
63		JAMAICA AV & GUY BREWER	682 feet to the E	Closed Status Spill (Unk/Other Cause)
64	MH #17730	89TH AVE & PARSONS BLVD	693 feet to the WNW	Closed Status Spill (Unk/Other Cause)
36	89-63 163RD ST/NYNEX	89063 163RD ST	707 feet to the ENE	Closed Status Tank Test Failure
65	VAULT 7697	JAMAICA AVE+163RD STREET	735 feet to the E	Closed Status Spill (Unk/Other Cause)
66	TV4924	163RD ST/JAMICIA AV	735 feet to the E	Closed Status Spill (Unk/Other Cause)
67	DS3115	92-18 GUY R BREWER BLVD	758 feet to the ESE	Closed Status Spill (Unk/Other Cause)
22	QUEENS FAMILY COURT HOUSE	89-14 PARSONS BLVD	794 feet to the WNW	Closed Status Tank Failure
37	QUEENS FAMILY COURT	89-14 PARSONS BLVD	794 feet to the WNW	Closed Status Tank Test Failure
1	FORMER QUEENS FAMILY COURTHOUSE - LUMBER YARD	89-14 PARSONS BOULEVARD	820 feet to the W	Brownfields Site
68	CITY STREET	158-001 ARCHER AVE	824 feet to the S	Closed Status Spill (Unk/Other Cause)
69	MANHOLE 1817	163RD ST & 89TH AVE	843 feet to the NNE	Closed Status Spill (Unk/Other Cause)
70	2661 MANHOLE	163RD ST / 89TH AV	843 feet to the NNE	Closed Status Spill (Unk/Other Cause)
71	MANHOLE 1661	163RD ST & 89TH AVE	843 feet to the NNE	Closed Status Spill (Unk/Other Cause)
12	162-11 89TH AVENUE	162-11 89TH AVENUE	846 feet to the NNE	Active Tank Test Failure
13	89-30 164TH STREET	89-30 164TH STREET	885 feet to the NE	Active Tank Test Failure
14	89-24 164TH ST	89-24 164TH ST	885 feet to the NE	Active Tank Test Failure
15	AMERICAN SEVASHRAM, INC.	153-14 90TH AVENUE	886 feet to the WSW	Active Tank Test Failure
72	SUBWAY SYSTEM E-LINE	PARSONS BLVD/ARCHER AVE	888 feet to the S	Closed Status Spill (Unk/Other Cause)
73	PARSON/ARCHER STATION	J-LINE	888 feet to the S	Closed Status Spill (Unk/Other Cause)
38	163-18 JAMAICA AVE	163-18 JAMAICA AVE	933 feet to the E	Closed Status Tank Test Failure
23	YORK COLLEGE	94-20 160TH ST	1049 feet to the SSE	Closed Status Tank Failure
74	87-93 PARSONS BLVD.	87-93 PARSONS BOULEVARD	1070 feet to the NW	Closed Status Spill (Unk/Other Cause)
75	MANHOLE 11845	ARCHER AVE/GUY GRUER BLVD	1094 feet to the ESE	Closed Status Spill (Unk/Other Cause)
129	ON STREET	163 RD ST AND ARCHER AVE	1094 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
76	NEW COURT HOUSE	JAMAICA AVE & 153RD ST	1111 feet to the SW	Closed Status Spill (Unk/Other Cause)
39	CLOSED-LACKOF RECENT INFO	164TH STREET POST OFFICE	1121 feet to the NNE	Closed Status Tank Test Failure
77	MANHOLE # 5465	89 AVENUE & 164 STREET	1121 feet to the NNE	Closed Status Spill (Unk/Other Cause)
78	MH 11849	164-04 JAMAICA AVE	1163 feet to the E	Closed Status Spill (Unk/Other Cause)
24	16410 JAMAICA AVE	164-10 JAMAICA AVE	1227 feet to the E	Closed Status Tank Failure
40	SKLAR REALITY CO	164-22 JAMAICA AVE	1227 feet to the E	Closed Status Tank Test Failure
41	YORK COLLEGE	94-20 GUY BREWER BLVD	1367 feet to the SE	Closed Status Tank Test Failure
79	MANHOLE # TM908	PARSONS BL & HILLSIDE AVE	1387 feet to the NW	Closed Status Spill (Unk/Other Cause)
2	CEDAR MANOR (LIRR)	158TH STREET AND TRACKS	1413 feet to the SSW	Brownfields Site

80	FAMILY COURT HOUSE	151-20 JAMAICA AVE	1416 feet to the SW	Closed Status Spill (Unk/Other Cause)
3	K - JAMAICA GAS & LIGHT MGP	BEAVER RD., & 158TH ST.	1462 feet to the SSW	Brownfields Site
25	162-19 HILLSIDE AVE	162-19 HILLSIDE AVE	1465 feet to the N	Closed Status Tank Failure
42	162- 19 HILLSIDE AVENUE	162-19 HILLSIDE AVENUE	1465 feet to the N	Closed Status Tank Test Failure
43	CLOSED-LACKOF RECENT INFO	162-19 HILLSIDE AVENUE	1465 feet to the N	Closed Status Tank Test Failure
44	APARTMENT BLDG. TTF	164-30 HILLSIDE AVE	1520 feet to the NNE	Closed Status Tank Test Failure
81	90TH AVE & MERRICK BLVD	90TH AVE & MERRICK BLVD	1520 feet to the NE	Closed Status Spill (Unk/Other Cause)
82	MANHOLE 19707	MERRICK BLVD & 90TH AVE	1520 feet to the NE	Closed Status Spill (Unk/Other Cause)
45	N Y TEL	88-11 165TH ST	1543 feet to the NNE	Closed Status Tank Test Failure
83	FOOD AND DRUG ADMIN	158-15 LIBERTY AVENUE	1556 feet to the S	Closed Status Spill (Unk/Other Cause)
84	NYPD LABORTORY	150-14 JAMAICA AVE	1557 feet to the SW	Closed Status Spill (Unk/Other Cause)
85	VAULT # V780	JAMAICA AVENUE & MERRICK BLVD	1557 feet to the ENE	Closed Status Spill (Unk/Other Cause)
46	TABERNACLE OF PRAYER	90-07 MERRICK BLVD	1588 feet to the ENE	Closed Status Tank Test Failure
86	MANHOLE 10001	NW ARCHER AV/165 ST	1596 feet to the E	Closed Status Spill (Unk/Other Cause)
87	MAN HOLE #2277	88TH AVE & MERRICK BLVD	1738 feet to the NNE	Closed Status Spill (Unk/Other Cause)
16	MOBIL # 13147	165-01 HILLSIDE AVE	1789 feet to the NNE	Active Haz Spill (Unknown/Other Cause)
88	EXXON MOBIL	165-01 HILLSIDE AVE	1789 feet to the NNE	Closed Status Spill (Unk/Other Cause)
89	EXXON MOBIL # 13147	165-01 HILLSIDE AVE	1789 feet to the NNE	Closed Status Spill (Unk/Other Cause)
90	150-24 HILLSIDE AVENUE	150-24 HILLSIDE AVENUE	1800 feet to the WNW	Closed Status Spill (Unk/Other Cause)
91	MANHOLE #17212	PARSONS BLVD & 87TH ST	1829 feet to the NW	Closed Status Spill (Unk/Other Cause)
130	LIRR	LIRR NEAR JAMAICA STATION	1834 feet to the E	Closed Status Spill (Misc. Spill Cause)
4	K - JAMAICA HOLDER STATION	158TH ST. & LIBERTY AVE.	1847 feet to the SSE	Brownfields Site
26	CONSTRUCTION SITE	92-20 168TH STREET	1879 feet to the E	Closed Status Tank Failure
17	HILLSIDE SERVICE STATION	166-06 HILLSIDE AVE	1902 feet to the NNE	Active Haz Spill (Unknown/Other Cause)
92	APARTMENT BLDG	90-11 149TH ST	1909 feet to the WSW	Closed Status Spill (Unk/Other Cause)
93	MAHOLE 2066	LIBERY AVE/158 ST	1910 feet to the S	Closed Status Spill (Unk/Other Cause)
94	CONSTRUCTION SITE/YORK	LIBERTY AVE AND 158TH AVE	1910 feet to the S	Closed Status Spill (Unk/Other Cause)
95	STATE DORMITORY AUTHORITY	158TH ST & LIBERTY ST	1910 feet to the S	Closed Status Spill (Unk/Other Cause)
5	GREENBAY SANITATION CORP.		1917 feet to the ESE	Solid Waste Facility
47	168 JAMAICA AVE/QUEENS	168 JAMAICA AVE	1918 feet to the ENE	Closed Status Tank Test Failure
96	160-05 HIGHLAND AVE	160-05 HIGHLAND AVE	1930 feet to the NNW	Closed Status Spill (Unk/Other Cause)
131	HILLCREST HIGH SCHOOL	160-05 HIGHLAND AVE	1930 feet to the NNW	Closed Status Spill (Misc. Spill Cause)
11	CONTEMP PROCESSING	94-01 150TH ST	1953 feet to the SSW	Active Tank Failure
48		94-01 150TH ST	1953 feet to the SSW	Closed Status Tank Test Failure
97	94-01 150TH STREET. / QUE	94-01 150TH STREET	1953 feet to the SSW	Closed Status Spill (Unk/Other Cause)
98	MANHOLE 20589	168TH STREET/90TH AVE	1978 feet to the ENE	Closed Status Spill (Unk/Other Cause)
99	ONE GAL DIELECTRIC FLUID IN MH #890	87 AVENUE & PARSONS BLVD	1987 feet to the NW	Closed Status Spill (Unk/Other Cause)
132	MANHOLE 5116	PARSONS BLVD & 87TH AVE	1987 feet to the NW	Closed Status Spill (Misc. Spill Cause)
100	LIBERTY AVE & 164TH ST	LIBERTY AVE & 164TH ST	2013 feet to the SE	Closed Status Spill (Unk/Other Cause)
27	166-10 ARCHER AVE	166-10 ARCHER AVE	2038 feet to the E	Closed Status Tank Failure
18	103 PRECINCT NYPD -DDC	168-02 91ST AVENUE	2055 feet to the ENE	Active Haz Spill (Unknown/Other Cause)
6	N.Y. PAVING COMPANY		2074 feet to the ESE	Solid Waste Facility
7	T. NOVELLI CONT. CORP.		2074 feet to the ESE	Solid Waste Facility
8	THOMAS NOVELLI CONTRACTIN		2074 feet to the ESE	Solid Waste Facility
9	THOMAS NOVELLI CONTRACTIN	94-07 MERRICK BLVD.	2112 feet to the E	Solid Waste Facility
49	NYNEX	95-40 TUCKERTON STR.	2145 feet to the SSW	Closed Status Tank Test Failure
50	9540 TUCKERTON ST/QUEENS	9540 TUCKERTON STREET	2145 feet to the SSW	Closed Status Tank Test Failure
101	IN THE PARKING LOT OF	95-40 TUCKERTON ST	2145 feet to the SSW	Closed Status Spill (Unk/Other Cause)
102	NYNEX GARAGE	95-40 TUCKERTIN STREET	2145 feet to the SSW	Closed Status Spill (Unk/Other Cause)
10	JAMAICA RECYLING LIBERTY	94-24 MERRICK BLVD.	2173 feet to the ESE	Solid Waste Facility
51	BUSINESS	88-09 148TH STREET	2268 feet to the W	Closed Status Tank Test Failure
103	SERVICE BOX #38864	IFO 155-11 LIBERTY AVE	2268 feet to the S	Closed Status Spill (Unk/Other Cause)
104	MANHOLE #17206	PARSONS BLVD/86TH AVE	2276 feet to the NW	Closed Status Spill (Unk/Other Cause)

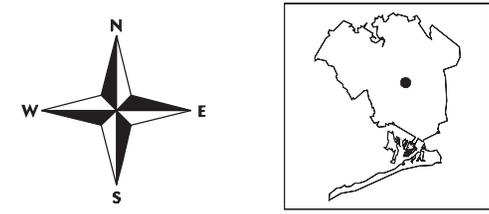
28	PURAN HOME	168-11 88TH AVE	2331 feet to the NE	Closed Status Tank Failure
19	BP AMOCO STATION #11009	165-25 LIBERTY AVE	2343 feet to the ESE	Active Haz Spill (Unknown/Other Cause)
52	AMOCO	165-25 LIBERTY AVE	2343 feet to the ESE	Closed Status Tank Test Failure
53	CHECKER SERVICE STA. INC	165-25 LIBERTY AVE	2343 feet to the ESE	Closed Status Tank Test Failure
105	NOT FOUND	95TH AVE/149 ST	2408 feet to the SSW	Closed Status Spill (Unk/Other Cause)
133	QUEENS COUNTY COURTHOUSE	89-17 SUTPHIN BLVD	2442 feet to the WSW	Closed Status Spill (Misc. Spill Cause)
106		LIBERTY AVE & MERRICK BLV	2482 feet to the ESE	Closed Status Spill (Unk/Other Cause)
107	SERVICE BOX 18615	90TH AV & 169 ST	2501 feet to the ENE	Closed Status Spill (Unk/Other Cause)
108	TM 5794	90TH AVE / 169TH ST	2501 feet to the ENE	Closed Status Spill (Unk/Other Cause)
109	MANHOLE 1292	NW CORNER JAMAICA & 169TH	2503 feet to the ENE	Closed Status Spill (Unk/Other Cause)
29	INTERSTATE BRANDS INC	168-23 DOUGLAS AVENUE	2504 feet to the E	Closed Status Tank Failure
54	168-23 DOUGLAS AVE/QUEENS	168-23 DOUGLAS AVENUE	2504 feet to the E	Closed Status Tank Test Failure
110	168-23 DOUGLAS AVE/QUEENS	168-23 DOUGLAS AVENUE	2504 feet to the E	Closed Status Spill (Unk/Other Cause)
134	168-23 DOUGLAS AVENUE	168-23 DOUGLAS AVENUE	2504 feet to the E	Closed Status Spill (Misc. Spill Cause)
30	NY ARMORY OMS-41	93005 168 STREET	2523 feet to the E	Closed Status Tank Failure
55	NYS ARMORY	93-05 168TH ST	2523 feet to the E	Closed Status Tank Test Failure
56	93-05 168TH ST/NYS ARMORY	93-05 168TH STREET	2523 feet to the E	Closed Status Tank Test Failure
111	168-50 JAMAICA AVENUE	168-50 JAMAICA AVENUE	2531 feet to the ENE	Closed Status Spill (Unk/Other Cause)
112	94TH AVENUE	94TH AVENUE	2555 feet to the SW	Closed Status Spill (Unk/Other Cause)
113	QUEENS CIVIL COURT	89-17 SUTPHIN BLVD	2566 feet to the W	Closed Status Spill (Unk/Other Cause)
135	QUEENS CIVIL COURT	89-17 SUTPHIN BLVD	2566 feet to the W	Closed Status Spill (Misc. Spill Cause)
57	95-04 149 ST	95-04 149 ST	2600 feet to the SSW	Closed Status Tank Test Failure
114	VAULT 8891	EAST SUTPHIM BLVD	2612 feet to the WSW	Closed Status Spill (Unk/Other Cause)
115	MANHOLE 1552	SUTPHIN BLVD & JAMAICA AVENUE	2612 feet to the WSW	Closed Status Spill (Unk/Other Cause)
136	LIRR	JAMAICA AV & SUTPHIN BL	2612 feet to the WSW	Closed Status Spill (Misc. Spill Cause)
116	104-11 164 ST	104-11 164 ST.	2623 feet to the SE	Closed Status Spill (Unk/Other Cause)
137		95TH AVE & 148TH ST	2623 feet to the SW	Closed Status Spill (Misc. Spill Cause)
138		148TH ST & 95TH AVE	2623 feet to the SW	Closed Status Spill (Misc. Spill Cause)
139		148TH ST & 95TH AV	2623 feet to the SW	Closed Status Spill (Misc. Spill Cause)
140	VAULT #6898	148TH ST & 95TH AV	2623 feet to the SW	Closed Status Spill (Misc. Spill Cause)



Toxics Targeting 1 Mile Radius Map

90-11 to 90-14 161st Street
Queens, NY 11432

Elevation above Sea Level: 66 feet



Queens County



National Priority List (NPL)



Inactive Hazardous Waste Disposal Registry Site



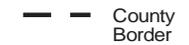
RCRA Corrective Action Facility



Site Location



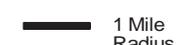
Waterbody



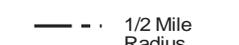
County Border



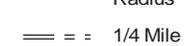
Railroad Tracks



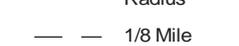
1 Mile Radius



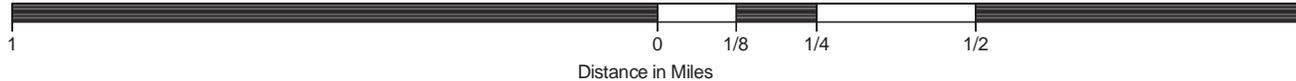
1/2 Mile Radius



1/4 Mile Radius



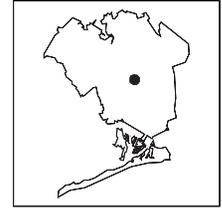
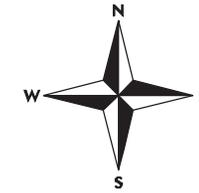
1/8 Mile Radius



Toxics Targeting 1/2 Mile Radius Map

90-11 to 90-14 161st Street
Queens, NY 11432

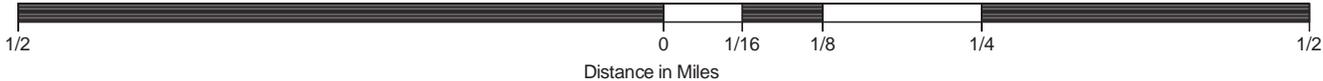
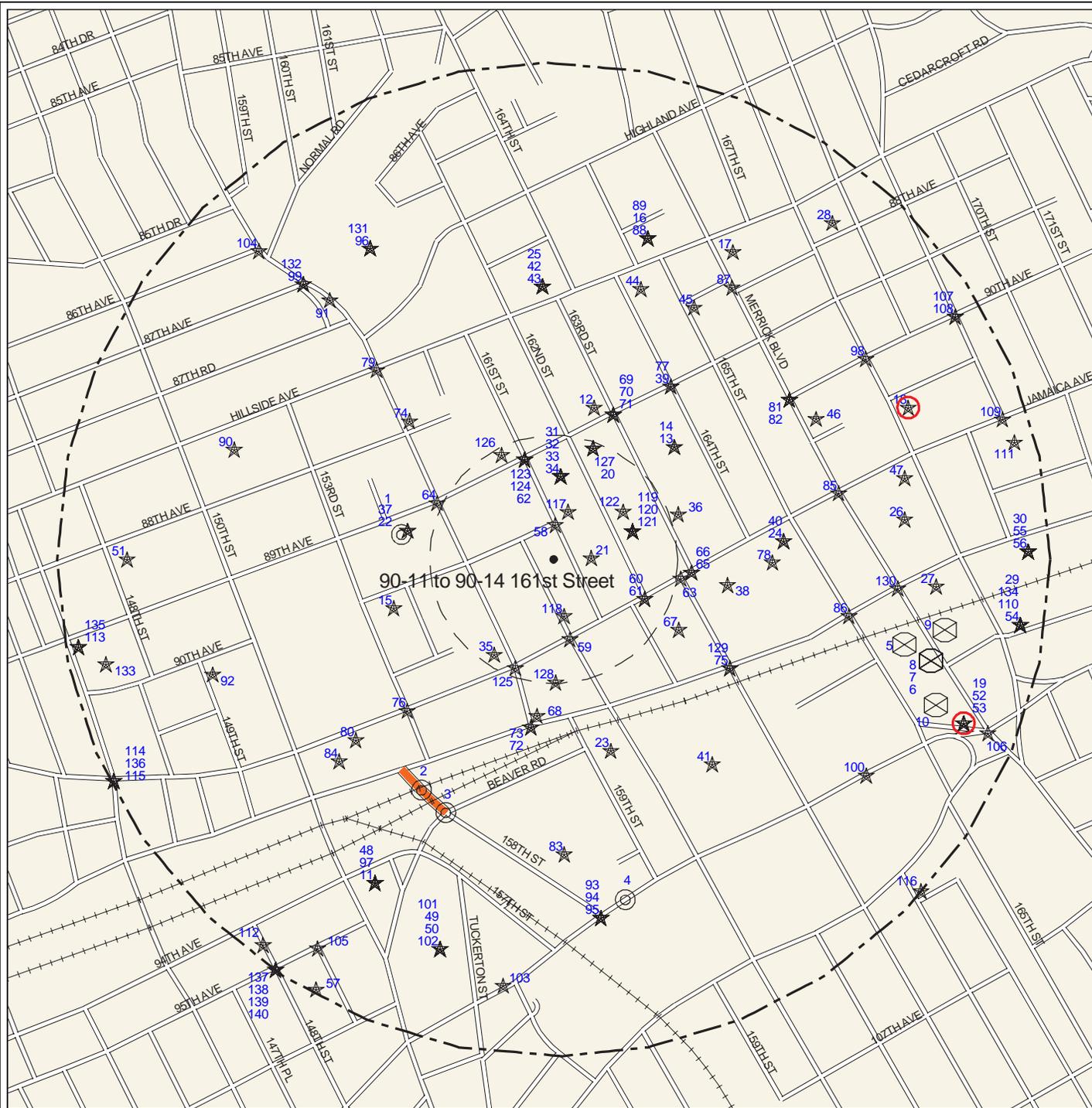
Elevation above Sea Level: 66 feet



Queens County

-  Delisted NPL Site
-  CERCLIS Superfund Non-NFRAP Site
-  CERCLIS Superfund NFRAP Site
-  Hazardous Waste Treater, Storer, Disposer
-  Hazardous Substance Waste Disposal Site
-  Solid Waste Facility
-  Brownfields Site
-  Hazardous Material Spill
-  MTBE Gasoline Additive Spill

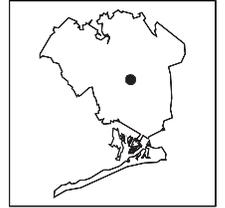
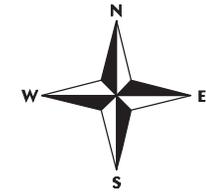
-  Site Location
-  Waterbody
-  County Border
-  Railroad Tracks
-  1 Mile Radius
-  1/2 Mile Radius
-  1/4 Mile Radius
-  1/8 Mile Radius



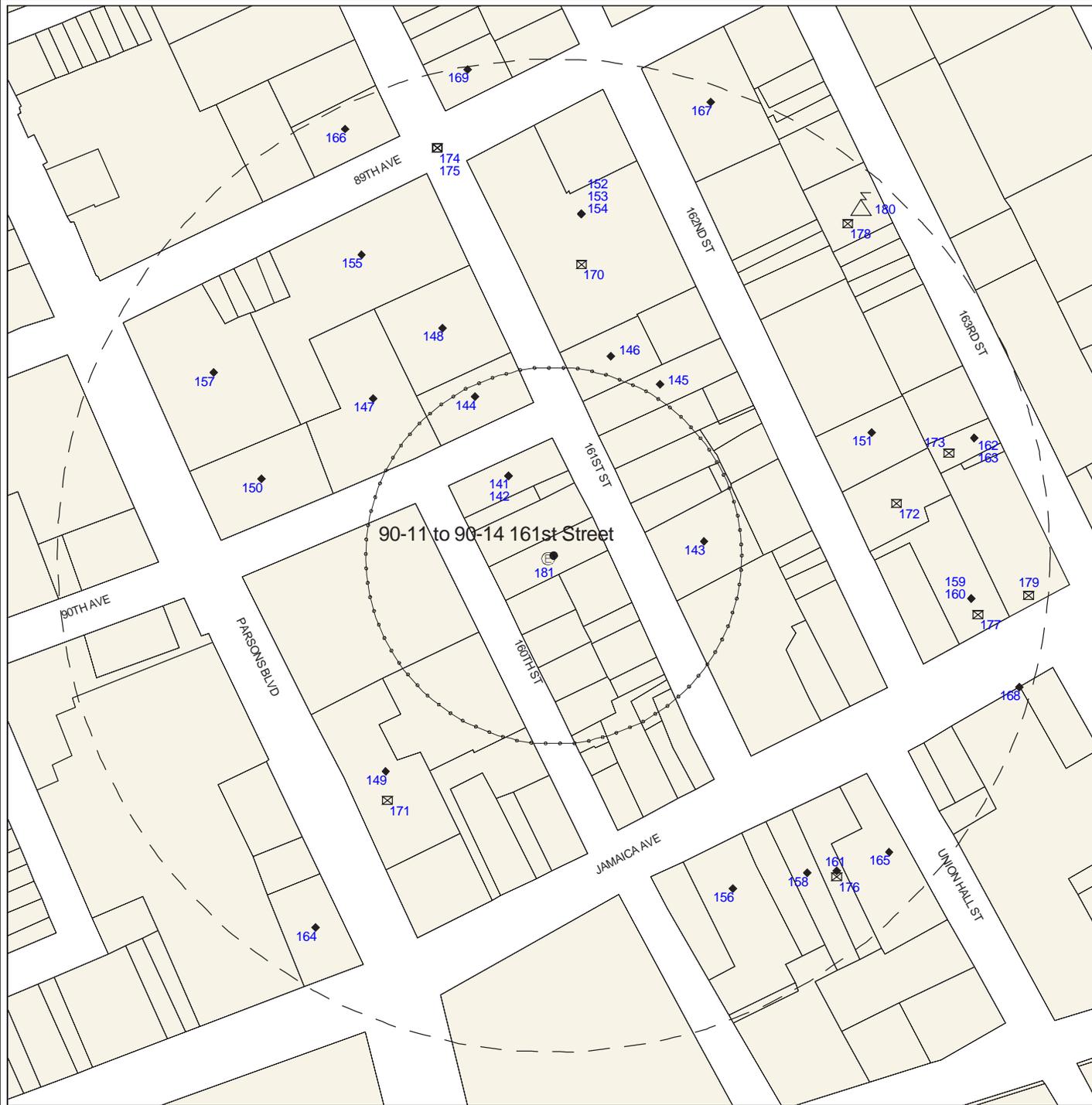
Toxics Targeting 1/8 Mile Radius Map

90-11 to 90-14 161st Street
Queens, NY 11432

Elevation above Sea Level: 66 feet



Queens County



- Major Oil Storage Facility
- Chemical Storage Facility
- Toxic Release
- Wastewater Discharge
- Hazardous Waste Generator, Transp.
- Enforcement Docket Facility
- Air Release
- Env Qual Review E Designation
- Petroleum Bulk Storage Facility
- Historic Utility Site

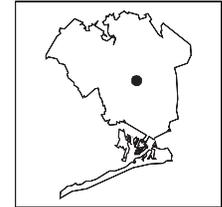
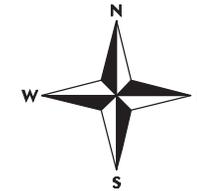
- Site Location
- County Border
- 1/8 Mile Radius
- Waterbody
- Railroad Tracks
- 250 Foot Radius



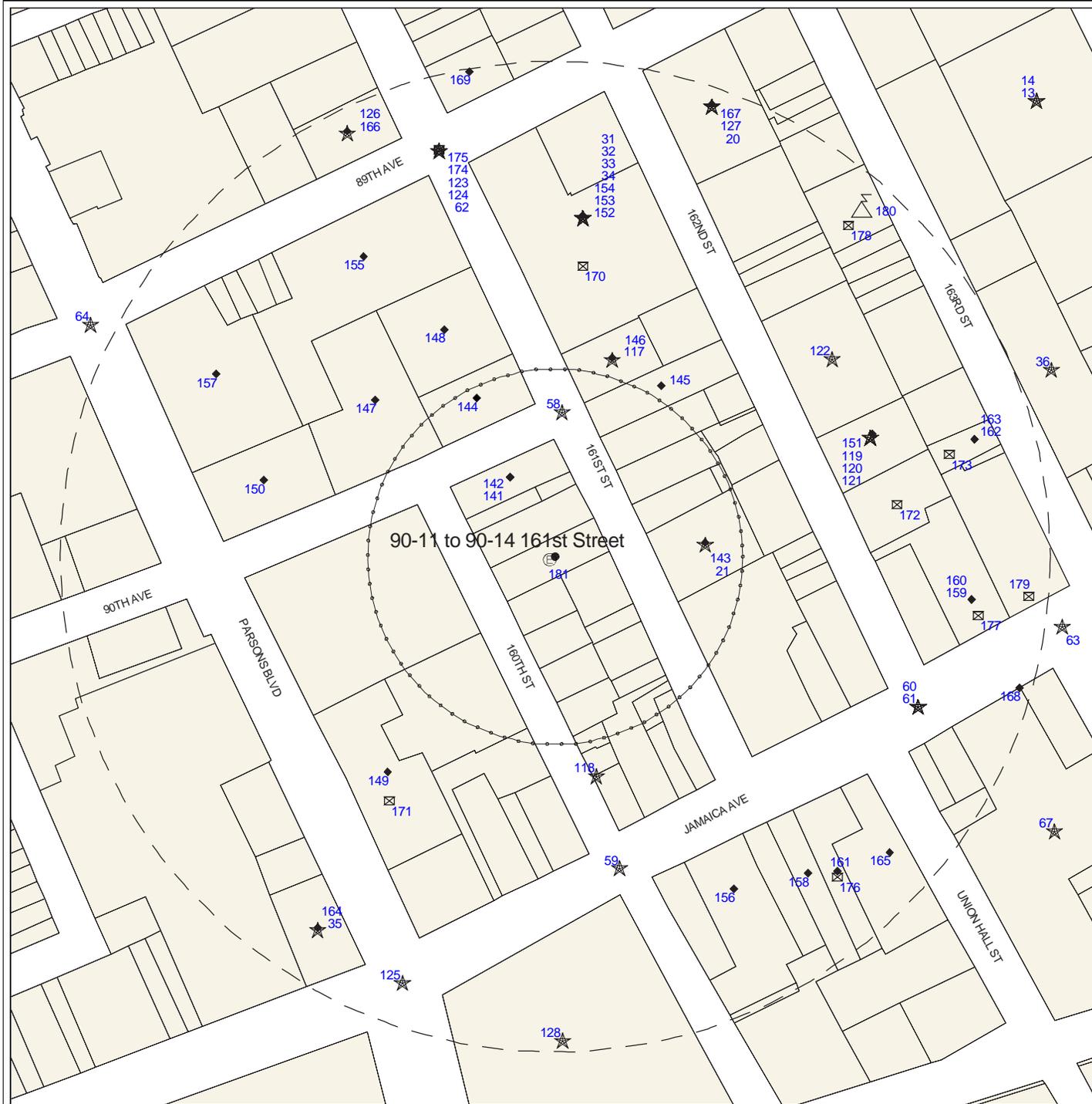
Toxics Targeting 1/8 Mile Closeup Map

90-11 to 90-14 161st Street
Queens, NY 11432

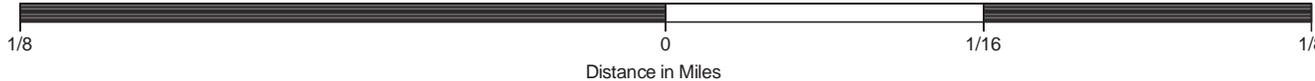
Elevation above Sea Level: 66 feet



Queens County



- | | |
|---|--|
| National Priority List (NPL) * | Delisted NPL Site ** |
| CERCLIS Superfund Non-NFRAP Site ** | CERCLIS Superfund NFRAP Site ** |
| Inactive Hazardous Waste Disposal Registry Site * | Inact. Haz Waste Disp. Registry Qualifying * |
| Hazardous Waste Treater, Storer, Disposer ** | RCRA Corrective Action Facility * |
| Hazardous Substance Waste Disposal Site ** | Solid Waste Facility ** |
| Major Oil Storage Facility **** | Brownfields Site ** |
| Chemical Storage Facility **** | Hazardous Material Spill ** |
| Toxic Release **** | MTBE Gasoline Additive Spill ** |
| Wastewater Discharge **** | Petroleum Bulk Storage Facility **** |
| Hazardous Waste Generator, Transp. **** | Historic Utility Site **** |
| Enforcement Docket Facility **** | Air Release **** |
| Env Qual Review E Designation ***** | |
| Site Location | Waterbody |
| County Border | Railroad Tracks |
| 1/8 Mile Radius | 250 Foot Radius |



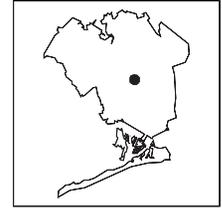
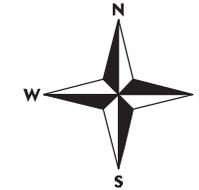
* 1 Mile Search Radius
**** 1/8 Mile Search Radius

** 1/2 Mile Search Radius
***** Onsite Search (250 Ft)

Toxics Targeting Tax Parcel Map

90-11 to 90-14 161st Street
Queens, NY 11432

Elevation above Sea Level: 66 feet



Queens County



- | | |
|---|--|
| National Priority List (NPL) | Delisted NPL Site |
| CERCLIS Superfund Non-NFRAP Site | CERCLIS Superfund NFRAP Site |
| Inactive Hazardous Waste Disposal Registry Site | Inact. Haz Waste Disp. Registry Qualifying |
| Hazardous Waste Treater, Storer, Disposer | RCRA Corrective Action Facility |
| Hazardous Substance Waste Disposal Site | Solid Waste Facility |
| Major Oil Storage Facility | Brownfields Site |
| Chemical Storage Facility | Hazardous Material Spill |
| Toxic Release | MTBE Gasoline Additive Spill |
| Wastewater Discharge | Petroleum Bulk Storage Facility |
| Hazardous Waste Generator, Transp. | Historic Utility Site |
| Enforcement Docket Facility | Air Release |
| Env Qual Review E Designation | |
| Site Location | Waterbody |
| County Border | Railroad Tracks |

Tax Parcel Information Table

**90-11 to 90-14 161st Street
Queens, NY 11432**

Subject Parcel or Parcels

BBL #	Address	Owner	Zoning District(s)	Building Class	# of Buildings	Year Built	Assessment	Lot Area
4-09757-0018	90-04 161 STREET	GREATER JAMAICA DEV C	C4-2	O1	1	1938	328500	7550

Other Parcels Found On The Tax Parcel Map

BBL #	Address	Owner	Zoning District(s)	Building Class	# of Buildings	Year Built	Assessment	Lot Area
4-09756-0006	90-37 PARSONS BOULEVARD	DEPARTMENT OF HEALTH	C4-2	I5	1	1954	2605500	23190
4-09756-0018	90-27 PARSONS BOULEVARD	NEW YORK CITY ECONOMI	C4-2	G1	1	1979	2164500	69890
4-09756-0040	90-22 160 STREET		C4-2	K2	1	1992	1129500	21640
4-09756-0054	159-15 JAMAICA AVENUE	GREATER JAMAICA DEVEL	C4-2	K2	1		787500	10095
4-09757-0006	90-41 160 STREET	SO, CHONG LIM	C4-2	K1	1	1931	117000	1386
4-09757-0007	90-37 160 STREET	DONALD NEIL	C4-2	S2	1	1931	19200	1075
4-09757-0008	90-33 160 STREET	GREATER JAMAICA DEVEL	C4-2	O9	1	1925	238500	3850
4-09757-0010	90-27 160 STREET	PAUL LASTIHENOS	C4-2	K1	1	1925	164250	3900
4-09757-0013	90-25 160 STREET	CH. OF GOD IN JAMAICA	C4-2	M1	1	1930	88200	3900
4-09757-0015	90-21 160 STREET	BETHNY FRENCH BAPTIST	C4-2	M1	1	1931	99450	3900
4-09757-0020	160 STREET	JAMAICA CENTER HLDING	C4-2	G7	0		101250	7500
4-09757-0022	160 STREET	JAMAICA CENTER HLDING	C4-2	G7	0		29700	2200
4-09757-0023	90-04 160 STREET	JAMAICA CNTR/HLD/CO/I	C4-2	O1	1	1929	1543500	7550
4-09757-0029	161 STREET	JAMAICA CENTER HLDING	C4-2	G7	0		13500	1000
4-09757-0035	90-18 161 STREET	JAMAICA & TADD, LLC	C4-2	C7	1	2002	513000	5340
4-09757-0039	90-26 161 STREET	GREATER JAMAICA DEC C	C4-2	K2	1	1958	104850	1725
4-09757-0040	90-28 161 STREET	GREATER JAMAICA DEV C	C4-2	O9	1	1941	131850	3795
4-09757-0042	90-34 161 STREET	ILAG JUDY	C4-2	W4	1	1931	137700	1700
4-09757-0044	90-36 161 STREET	SANDLOW CP	C4-2	V1	1		46350	1529
4-09757-0047	160-15 JAMAICA AVENUE	160-13 JAMAICA LLC	C4-2	K2	1	1931	634500	3510
4-09757-0048	160-11 JAMAICA AVENUE	SANDLOW REALTY, LLC C	C4-2	K9	1	1931	306000	2656
4-09757-0049	160-09 JAMAICA AVENUE	160-09 JAMAICA AVE LT	C4-2	K1	1	1931	423000	9689
4-09758-0035	89-20 161 STREET	A & M ASSOCIATES LLC	R6 C4-2	D1	1	1941	783000	17500
4-09758-0041	89-30 161 STREET	ST CHRISTOPHER-OTTILI	C4-2	O1	1	1949	877500	10500
4-09758-0047	159-31 90 AVENUE	'1ST REF'D DUTCH CH.JA'	C4-2 R6	M1	1	1949	630000	24238
4-09760-0001	161-01 JAMAICA AVENUE	161 ASSOCIATES LLC	C4-2	O9	1	1962	1813500	28708
4-09760-0013	90-23 161 STREET	THE SALVATION ARMY-PR	C4-2	M9	1	1931	416250	12900
4-09760-0018	161 STREET	85TH STREET ASSOC LLC	C4-5X	D3	1	2003	776250	4408
4-09760-0020	161 STREET	85TH STREET ASSOC LLC	C4-5X	D3	1	2003	76500	6000
4-09760-0022	161 STREET	CIAMPA 162 LLC	C4-5X	D3	1	2003	92250	7350
4-09760-0025	89-37 161 STREET	CIAMPA 162 LLC	C4-5X	D3	1	2003	123750	9900
4-09760-0027	89-31 161 STREET	ARBAS COMPANY LLC	C4-2	O2	1	1920	778500	7920
4-09760-0031	82-14 161 STREET	NUNS OF ORDER ST DOMI	C4-2	W2	6	1958	1935000	44683
4-09760-0061	162 STREET	ARBAS COMPANY LLC	C4-2	G7	0		78750	6300
4-09760-0067	162 STREET	CIAMPA 162 LLC	C4-5X	G7	0		28800	2550
4-09760-0069	162 STREET	CIAMPA 162 LLC	C4-5X	G7	0		21600	1875
4-09760-0071	89-52 162 STREET	CIAMPA 162 LLC	C4-5X	G7	0		41400	3600
4-09760-0073	162 STREET	85TH STREET ASSOC LLC	C4-5X	G7	0		3375	504

BBL #	Address	Owner	Zoning District(s)	Building Class	# of Buildings	Year Built	Assessment	Lot Area
4-09760-0074	89-56 162 STREET	JAMAICA CNTR HOLDING	C4-2 C4-5X	O9	1	1960	688500	7665
4-09760-0120	161 STREET	CIAMPA 162 LLC	C4-2	G7	0		675	73

Section Two: Toxic Site Profiles

The heading of each *Toxic Site Profile* refers to the site's map location and details:

- The facility name, address, city, state, and zip code (This information does not appear in the headings for Inactive Hazardous Waste Disposal Sites).
- Any changes that were made to a site's address in order to map its location.
- The site mapping method that was used (see *How Sites are Located*, at the end of this section for more information).

Toxic Site Profiles summarize information provided by site owners or operators and government agencies regarding various toxic chemical activities reported at each site, such as:

- Whether chemicals were stored, produced, transported, discharged or disposed of.
- The name of chemicals and their Chemical Abstract Series (CAS) numbers;
- The amount of chemicals and the units (gallons/pounds) the chemical was measured in.
- Whether the site or storage tanks at the site are currently active or inactive.
- Special codes used by government agencies to regulate hazardous waste activities at some sites
(A complete description of the codes follows the profiles section).

For selected individual chemicals reported at various toxic sites, some potential health effect summary information appears below the site profile. Each potential health effect summary identifies chemicals by name and by Chemical Abstract Series (CAS) Number. An "x" under each potential health effect heading indicates positive toxicity testing results reported by the National Institute of Occupational Safety and Health's Registry of Toxic Effects of Chemical Substances (RTECS). Some chemicals (mostly appearing in profiles of Hazardous Waste facilities), are reported as mixtures, and RTECS health effect information is only available for individual chemicals. In addition, RTECS only provides information on approximately 100,000 common chemicals. Consequently, the absence of potential health effect summary information for a particular chemical identified in a Toxic Site Profile does not necessarily mean that the chemical does not pose potential health effects.

The Maximum Contaminant Level (MCL) in drinking water allowed for selected chemicals is also noted. In most cases, the only applicable MCL has been set by the New York State Department of Health (NYSDOH). Where NYSDOH has not set an MCL, the federal standard, if one exists, is listed and is marked by an asterisk.

Presented below are column headings that describe the health effect definitions used in RTECS and applicable New York State and federal drinking water standards. Reference sources for information presented in this section are also provided.

ACUTE TOX: **Acute Toxicity:** Short-term exposure to this chemical can cause lethal and non-lethal toxicity effects not included in the following four categories.

TUMOR TOX: **Tumorigenic Toxicity:** The chemical can cause an increase in the incidence of tumors.

MUTAG TOX: **Mutagenic Toxicity:** The chemical can cause genetic alterations that are passed from one generation to the next.

REPRO TOX: **Reproductive toxicity:** May signify one of the following effects: maternal effects, paternal effects, effects on fertility, effects on the embryo or fetus, specific developmental abnormalities, tumorigenic effects, or effects on the newborn (only positive reproductive effects data for mammalian species are referenced)

IRRIT TOX: **Primary Irritant:** The chemical can cause eye or skin irritation

MCL: **Drinking Water Standard - Maximum Contaminant Level (MCL)** listed under Drinking Water Supplies, 10 NYCRR Part 5, Subparts 1.51(f),(g), and (h) for NYDOH MCL's and under the Safe Drinking Water Act, 40 CFR 141, Subparts B and G, (* indicates value for total trihalomethanes) for federal MCL's.

Reference Source for Toxicity Information: Registry of Toxic Effects of Chemical Substances (RTECS), NIOSH (on-line database); For further information, contact: NIOSH, 4676 Columbia Parkway, Cincinnati, OH, 45226, 800/35-NIOSH.

Reference Source for Drinking Water Standards: New York State Department of Health, Bureau of Toxic Substances Assessment, 2 University Place, Room 240, Albany, NY 12203, 518/458-6373.

U.S. Environmental Protection Agency, Office of Drinking Water, 401 M St SW, Mailstop WH-556, Washington, DC, 20460, 202/260-5700.

Inactive Hazardous Waste Disposal Site Classifications:

- 1 -- Causing or presenting an imminent danger of causing irreversible or irreparable damage to the public health or the environment -- immediate action required;
- 2 -- Significant threat to the public health or environment -- action required;
- 3 -- Does not Present a significant threat to the environment or public health -- action may be deferred;
- 4 -- Site properly closed --requires continued management;
- 5 -- Site properly closed, no evidence of present or potential adverse impact -- no further action required;
- 2a -- This temporary classification has been assigned to sites where there is inadequate data to assign them to the five classifications specified by law.

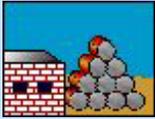
D₁, 2, 3 -- Delisted Site (1: hazardous waste not found; 2: remediated; 3: consolidated site or site incorrectly listed)



NO NATIONAL PRIORITIES LIST (NPL) SITES IDENTIFIED WITHIN 1 MILE SEARCH RADIUS



NO INACTIVE HAZ WASTE DISPOSAL REGISTRY OR REGISTRY-QUALIFYING SITES IDENTIFIED WITHIN 1 MILE SEARCH RADIUS



NO RCRA CORRECTIVE ACTION SITES IDENTIFIED WITHIN 1 MILE SEARCH RADIUS



NO CERCLIS SUPERFUND SITES IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS



BROWNFIELDS SITES IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS

PLEASE NOTE: * Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 1 FORMER QUEENS FAMILY COURTHOUSE - LUMBER YARD Facility Id: C241093
 89-14 PARSONS BOULEVARD JAMAICA, NY 11432

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 820 feet to the W
 This facility has been deleted from the reported data. Data reflects last reported information.

ADDRESS CHANGE INFORMATION

Revised street: 8914 PARSONS BOULEVARD
 Revised zip code: NO CHANGE

Brownfield Program: Brownfield Cleanup Program

BROWNFIELD CLEANUP PROGRAM

CLASSIFICATION CODE: A REGION: 2 SITE CODE: C241093
 CLASSIFICATION CODE DESCRIPTION: DEC ID: 360362
 Work is underway and not yet complete.

NAME OF SITE: Former Queens Family Courthouse - Lumber Yard
 STREET ADDRESS: 89-14 Parsons Boulevard TOWN: New York City
 CITY: Jamaica ZIP: 11432 COUNTY: Queens

SITE TYPE: Dump- Structure- Lagoon- Landfill- Treatment Pond- ESTIMATED SIZE: 1.7 Acres

INSTITUTIONAL/ENGINEERING CONTROLS:
 None reported

CROSS REFERENCES:
 None reported

SITE OWNER/OPERATOR INFORMATION:

CURRENT OWNER(S):
 NAME: NYC DEPARTMENT OF CITYWIDE ADMINISTRATIVE SERVICES
 LORI FIERSTEIN
 ADDRESS: DIVISION OF REAL ESTATE SERVICES
 ONE CENTRE STREET, 20TH FLOOR, ROOM 2053 S

NEW YORK, NY 10007

OWNER(S) DURING DISPOSAL:

OPERATOR(S) DURING DISPOSAL:

NAME: NEW YORK CITY ECONOMIC DEVELOPMENT CORPORATION
ADDRESS: 110 WILLIAM STREET
NEW YORK, NY 10038

APPLICANT REQUESTOR(S):

NAME: DERMOT QFC, LLC
STEPHEN BENJAMIN
ADDRESS: 320 WEST 57TH STREET
NEW YORK, NY 10019

SITE DESCRIPTION:

This BCP application pertains to the Former Queens Family Courthouse - Lumber Yard located at 89-14 Parsons Blvd., Jamaica, New York, Queens County. This site comprises Lot 31 and Lot 59 of Block 9755, and consists of two buildings, the Courthouse and the Annex building which is 1.7 acres in size.

This site has been used for a variety of uses - some industrial in nature and other which were commercial but utilized large underground storage tanks. In the early 1900s the site was occupied by residential homes and the Styles Stone Yard. The Queens Borough Public Library was constructed in 1939. Later the library was converted and used as the Queens Family Court and an Annex building was added. The site has been vacant and decaying since January 2003. The proposed project will be to create a new residential building that will consist of 69 100% affordable cooperative apartments, 276 rental apartments for 20% low income, 40% moderate income and 40% market rate tenants. The project will also include 25,000 square feet of community space, 35,000 square feet of retail and a 500-car underground public parking garage.

Known or suspected contaminants listed are Petroleum which is affecting the soil and groundwater, and Chlorinated Solvents which is affecting the groundwater.

This BCP application is currently under review and the Department of Environmental Conservation will determine the application's approval and eligibility in conjunction with the Department of Health.

CONFIRMED HAZARDOUS WASTE DISPOSED:

None reported

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:

Information submitted with the BCP application regarding the environmental conditions at the site are currently under review and will be revised as additional information becomes available.

ASSESSMENT OF HEALTH PROBLEMS:

Information submitted with the BCP application regarding the conditions at the site are currently under review and will be revised as additional information becomes available.

Map Identification Number 2 CEDAR MANOR (LIRR)
158TH STREET AND TRACKS

QUEENS, NY 11418

Facility Id: V00388

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING - LARGE SITE
Approximate distance from property: 1413 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: 158TH ST / TRACKS
Revised zip code: 11433

Brownfield Program: Voluntary Cleanup Program

VOLUNTARY CLEANUP PROGRAM

CLASSIFICATION CODE: A REGION: 2 SITE CODE: V00388
CLASSIFICATION CODE DESCRIPTION: DEC ID: 58376

Work is underway and not yet complete.

NAME OF SITE: Cedar Manor (LIRR)
STREET ADDRESS: 158th Street and Tracks TOWN: New York City
CITY: Queens ZIP: 11418 COUNTY: Queens

SITE TYPE: Dump- Structure- Lagoon- Landfill- Treatment Pond- ESTIMATED SIZE:

INSTITUTIONAL/ENGINEERING CONTROLS:
None reported

CROSS REFERENCES:
IDENTIFIER SOURCE

00-TEMP-03-03(I) Haz. Substance ID

SITE OWNER/OPERATOR INFORMATION:

CURRENT OWNER(S):
OWNER(S) DURING DISPOSAL:

OPERATOR(S) DURING DISPOSAL:

APPLICANT REQUESTOR(S):
NAME: Long Island Rail Road (Jamaica Stati Owner Type: PRP - Non-Registry HazSubs
ADDRESS:

SITE DESCRIPTION:

This site is an electrical substation for the Long Island Railroad. From the early 1930s until 1951, the LIRR constructed electric substations the utilized mercury rectifiers. The last of these mercury rectifiers was removed and replaced with

non-mercury solid state components in the early 1980s.

However, due to uncertainty regarding the operation and maintenance practices used for the mercury rectifiers, LIRR conducted a site assessment of the 20 stations.

Mercury contamination was found in and around this substation during the 2000 site investigation. A full scale Site Investigation (SI) was completed in late 2005. The results indicated the need for additional sampling to determine the limits of the contamination. Additional sampling is planned for 2007.

CONFIRMED HAZARDOUS WASTE DISPOSED:

TYPE	QUANTITY
MERCURY	UNKNOWN

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:

Mercury contamination in soils is present at the substation.

ASSESSMENT OF HEALTH PROBLEMS:

The site is part of the Long Island Railroad (LIRR), it is currently being used to convert electricity for the Far Rockaway line. Investigations have identified mercury contamination in the surface and subsurface soils due to unknown non-specific releases from the mercury containing rectifiers. Potential exposure to mercury impacted surface soils has been minimized by the fencing that is in place around the substation and site access is restricted to LIRR personnel only. Exposure to subsurface contamination is unlikely since it lies at depth. Additional investigations will be performed to determine the horizontal and vertical extent of mercury contamination at the site.

Map Identification Number 3

K - JAMAICA GAS & LIGHT MGP
BEAVER RD., & 158TH ST.

QUEENS, NY 11451-

Facility Id: C241063

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1462 feet to the SSW
This facility has been deleted from the reported data. Data reflects last reported information.

ADDRESS CHANGE INFORMATION

Revised street: BEAVER RD / 158TH ST
Revised zip code: 11433

Brownfield Program: Brownfield Cleanup Program

BROWNFIELD CLEANUP PROGRAM

CLASSIFICATION CODE: 99
CLASSIFICATION CODE DESCRIPTION:

REGION: 2

SITE CODE: C241063
DEC ID: 58324

No description provided

NAME OF SITE: K - Jamaica Gas & Light MGP
STREET ADDRESS: Beaver Rd., & 158th St.
CITY: Queens

ZIP: 11451-

TOWN: New York City
COUNTY: Queens

SITE TYPE: Dump- Structure- Lagoon- Landfill- Treatment Pond-

ESTIMATED SIZE:

INSTITUTIONAL/ENGINEERING CONTROLS:
None reported

CROSS REFERENCES:
None reported

SITE OWNER/OPERATOR INFORMATION:
CURRENT OWNER(S):
NAME.....:
ADDRESS..:

SITE DESCRIPTION:

This is a Brownfield transition site from the V00713 Voluntary Program application. The Jamaica Gas Light Manufactured Gas Plant(MGP) site is comprised of one 0.76 acre parcel of land located in Jamaica, New York, Queens County. Based on Sanborn maps, the Jamaica Gas Light MGP site began operations sometime prior to 1901. The site was subsequently used as a gas holder site until sometime between 1925 and 1941. The site is currently vacant land that is zoned for residential use.

CONFIRMED HAZARDOUS WASTE DISPOSED:
None reported

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:

The environmental assessment for this site has not yet been completed. A schedule is currently being developed with KeySpan Energy Corporation to complete Site Characterizations at twenty-nine transition sites by 2010. When the Site Characterization is complete, a preliminary environmental assessment will be input.

ASSESSMENT OF HEALTH PROBLEMS:

None provided

Map Identification Number 4 **K - JAMAICA HOLDER STATION**
158TH ST. & LIBERTY AVE.

QUEENS, NY 11451-

Facility Id: C241062

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (4)
Approximate distance from property: 1847 feet to the SSE
This facility has been deleted from the reported data. Data reflects last reported information.

ADDRESS CHANGE INFORMATION

Revised street: 158TH ST / LIBERTY AVE
Revised zip code: 11433

Brownfield Program: Brownfield Cleanup Program

BROWNFIELD CLEANUP PROGRAM

CLASSIFICATION CODE: 99
CLASSIFICATION CODE DESCRIPTION:
No description provided

REGION: 2

SITE CODE: C241062
DEC ID: 57405

NAME OF SITE: K - Jamaica Holder Station
STREET ADDRESS: 158th St. & Liberty Ave.
CITY: Queens

ZIP: 11451-

TOWN: New York City
COUNTY: Queens

SITE TYPE: Dump- Structure- Lagoon- Landfill- Treatment Pond-

ESTIMATED SIZE:

INSTITUTIONAL/ENGINEERING CONTROLS:
None reported

CROSS REFERENCES:
None reported

SITE OWNER/OPERATOR INFORMATION:
CURRENT OWNER(S):
NAME.....:
ADDRESS..:

SITE DESCRIPTION:
This is a Brownfield transition site from the V00706 Voluntary Program application. The Jamaica Hllder Station is comprised of two parcels of land near Liberty Avenue in Queens, New York, Queens County. The site is between 158th and 159th Streets. The FDA building, the Science Building and playing fields of York College CUNY are located on the site. The gas holder and associated buildings operated at the site from prior to 1951 until 1981. The current land use for the parcels includes a cemetery, vacant land, college buildings mand industrial.

CONFIRMED HAZARDOUS WASTE DISPOSED:
None reported

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:

The environmental assessment for this site has not yet been completed. A schedule is currently being developed with KeySpan Energy Corporation to complete Site Characterizations at twenty-nine transition sites by 2010. When the Site Characterization is complete, a preliminary environmental assessment will be input.

ASSESSMENT OF HEALTH PROBLEMS:

None provided



SOLID WASTE FACILITIES IDENTIFIED WITHIN THE 1/2 MILE SEARCH RADIUS

PLEASE NOTE: * Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 5

GREENBAY SANITATION CORP.

Facility Id: 41T46

NO ADDRESS INFORMATION PROVIDED

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (5)

Approximate distance from property: 1917 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: 9410 MERRICK BLVD

Revised zip code: 11433

This facility has been deleted from the reported data. Data reflects last reported information.

PERMIT NUMBER	PERMIT EXPIRES	FACILITY TYPE	FACILITY STATUS	WASTE TYPES
		LARGE TRANSFER STATION (>50000 CY/YR)		Residential

Map Identification Number 6

N.Y. PAVING COMPANY

Facility Id: 41T41

NO ADDRESS INFORMATION PROVIDED

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 2074 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: 9420 MERRICK BLVD

Revised zip code: 11433

This facility has been deleted from the reported data. Data reflects last reported information.

PERMIT NUMBER	PERMIT EXPIRES	FACILITY TYPE	FACILITY STATUS	WASTE TYPES
263040000710		LARGE TRANSFER STATION (>50000 CY/YR)		Demolition

Map Identification Number 7**T. NOVELLI CONT. CORP.****Facility Id: 41T57**

NO ADDRESS INFORMATION PROVIDED

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 2074 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: 9420 MERRICK BLVD

Revised zip code: 11433

This facility has been deleted from the reported data. Data reflects last reported information.

PERMIT NUMBER	PERMIT EXPIRES	FACILITY TYPE	FACILITY STATUS	WASTE TYPES
		LARGE TRANSFER STATION (>50000 CY/YR)		Demolition

Map Identification Number 8**THOMAS NOVELLI CONTRACTIN****Facility Id: 41W57**

NO ADDRESS INFORMATION PROVIDED

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 2074 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: 9420 MERRICK BLVD

Revised zip code: 11433

PERMIT NUMBER	PERMIT EXPIRES	FACILITY TYPE	FACILITY STATUS	WASTE TYPES
263070012800004	09/10/2001	C&D PROCESSING FACILITY	Permit	C&D ONLY

Map Identification Number 9**THOMAS NOVELLI CONTRACTIN****Facility Id: 41W90**

94-07 MERRICK BLVD.

JAMAICA

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 2112 feet to the E

ADDRESS CHANGE INFORMATION

Revised street: 9407 MERRICK BLVD.

Revised zip code: UNKNOWN

PERMIT NUMBER	PERMIT EXPIRES	FACILITY TYPE	FACILITY STATUS	WASTE TYPES
		C&D PROCESSING FACILITY	Registered	Uncontaminated brick, concrete & stone

Map Identification Number 10 **JAMAICA RECYLING LIBERTY**
 94-24 MERRICK BLVD.

Facility Id: 41T30

JAMAICA

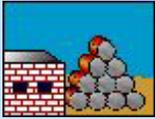
MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 2173 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: 9424 MERRICK BLVD.
 Revised zip code: NO CHANGE

PERMIT NUMBER	PERMIT EXPIRES	FACILITY TYPE	FACILITY STATUS	WASTE TYPES
2630700126000010	04/27/2003	LARGE TRANSFER STATION (>50000 CY/YR)	None	Demolition, Putrescible



NO HAZARDOUS WASTE TREATMENT/STORAGE/DISPOSERS IDENTIFIED WITHIN THE 1/2 MILE SEARCH RADIUS



HAZARDOUS MATERIAL SPILLS INTRODUCTION

The Hazardous Material Spills in this section are divided into eight spill cause groupings. These include:

Active Spills Section: Spills with incomplete paperwork that may or may not be cleaned up (See Date Cleanup Ceased)

- 1) Tank Failures
- 2) Tank Test Failures
- 3) Unknown Spill Cause or Other Spill Cause Hazardous Spills
- 4) Miscellaneous Spill Causes: Equipment Failure, Human Error, Tank Overfill, Deliberate Spill, Traffic Accidents, Housekeeping, Abandoned Drum, and Vandalism.

Closed Status Spills Section: Spills with completed paperwork that may or may not be cleaned up (See Date Cleanup Ceased)

- 5) Tank Failures
- 6) Tank Test Failures
- 7) Unknown Spill Cause or Other Spill Cause Hazardous Spills
- 8) Miscellaneous Spill Causes: Equipment Failure, Human Error, Tank Overfill, Deliberate Spill, Traffic Accidents, Housekeeping, Abandoned Drum, and Vandalism.

All spills within each spill cause category are presented in order of proximity to the subject site address.

Please note that spills reported within 0.25 mile (or one-eighth mile in New York City) are mapped and profiled.

Between 0.25 mile (or one-eighth mile in New York City) and 0.5 mile, only the following spills are mapped and profiled:

- * Tank Failures;
- * Tank Test Failures;
- * Unknown Spill Cause or Other Spill Cause;
- * Spills greater than 100 units of quantity; and
- * Spills reported in the NYSDEC Fall 1998 MTBE Survey.

A table at the end of each section presents a listing of reported Miscellaneous Spills with less than 100 units located between 0.25 mile (or one-eighth mile in Manhattan) and 0.5 mile. These spills are neither mapped nor profiled.



ACTIVE TANK FAILURES IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS

Please Note: * - Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 11 **CONTEMP PROCESSING** **Spill Number: 0007232** **Close Date:**
 94-01 150TH ST JAMAICA, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 1953 feet to the SSW

ADDRESS CHANGE INFORMATION
 Revised street: 9401 150TH ST
 Revised zip code: NO CHANGE

Source of Spill: NON-MAJOR FACILITY (>1100 GAL) Spiller: ALBERTO - CONTEMP PROCESSING Spiller Phone: (718) 523-2470
 Notifier Type: Other Notifier Name: CARLOS RIVES Notifier Phone:
 Caller Name: ROBERT HALPRIN Caller Agency: LUZON ENVIRONMENTAL Caller Phone: (845) 434-7805
 DEC Investigator: Needs Reassignment Contact for more spill info: ALBERTO Contact Person Phone: (718) 523-2470

Spill Class: KNOWN RELEASE THAT CREATES POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
09/20/2000		TANK FAILURE	2-211818	NO	NO

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL
UNKNOWN PETROLEUM	PETROLEUM	0	UNKNOWN	0	UNKNOWN	

Caller Remarks:

LEAKING UST - CONTAMINATED SOIL DISCOVERED WHILE REMOVING THE UST - SOIL BEING STOCKPILED - ANTHONY SIGONA REG #2 ORDERED TANKS REMOVED

DEC Investigator Remarks:

tanks ordered removed. no evidence that this has happened. Called and researched pertinent phone numbers and companies. Might require a site visit.



ACTIVE TANK TEST FAILURES IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS

Please Note: * - Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 12 **162-11 89TH AVENUE** **Spill Number: 0301815** **Close Date:**
 162-11 89TH AVENUE JAMAICA, NY 11432

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 846 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: 16211 89TH AVENUE
 Revised zip code: NO REVISION MADE

Source of Spill: PRIVATE DWELLING	Spiller: DIVERSITY REALTY CORP - 162-11 89TH AVENUE	Spiller Phone: (516) 822-5900
Notifier Type: Tank Tester	Notifier Name: DAVE FAZIN	Notifier Phone: (516) 939-2959
Caller Name: DAVE FAZIN	Caller Agency: CROWN LEAK DETECTION	Caller Phone: (516) 939-2959
DEC Investigator: LXZIELIN	Contact for more spill info: DAVE FAZIN	Contact Person Phone: (516) 939-2959

Spill Class: KNOWN RELEASE THAT CREATES POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
05/20/2003		TANK TEST FAILURE	YES		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
1	4000	Horner EZ Check I or II	0.00	UNKNOWN

Caller Remarks:

TANK TEST FAILURE

DEC Investigator Remarks:

09/05/06 -Zielinski

This spill case reassigned from CO to Region 2.

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIPPLE"
5/20/2003 - TTF letter sent to Diversified Realty Corp., P O Box 1200, Jericho, NY 11753.

4/30/2004 SS sent new ttf ltr

Map Identification Number 13 **89-30 164TH STREET**
89-30 164TH STREET

Spill Number: 0305491 **Close Date:**
JAMAICA, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (3)
Approximate distance from property: 885 feet to the NE

ADDRESS CHANGE INFORMATION

Revised street: 8930 164TH STREET
Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING
Notifier Type: Tank Tester
Caller Name: ABRAHAM WACHLER
DEC Investigator: LXZIELIN

Spiller: AMY - MANAGEMENT
Notifier Name: SAME
Caller Agency: NYC TANK TESTING
Contact for more spill info: CALLER

Spiller Phone: (718) 520-2600
Notifier Phone:
Caller Phone: (718) 731-7011
Contact Person Phone:

Spill Class: KNOWN RELEASE THAT CREATES POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
08/22/2003		TANK TEST FAILURE	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

tank test failure at an apartment building

DEC Investigator Remarks:

9/19/06 - Zielinski
Sent a TTF letter to NYC American Management, Inc.

9/19/06 - Zielinski
Spoke with Petroleum Tank Cleaners, Inc., phone (718)624-4842. The tank was repaired and passed the tightness test in 2004. Since

the RP had not paid yet for the work, Petroleum would not have sent documentation to the department.

09/05/06 -Zielinski

This spill case reassigned from Central Office to Region 2.

7/20/05 Spoke with Amy at NYC American Management, INC (RP). She claims site was remediated, faxed work proposal, does not have receipt of work or soil disposal.

-Spoke with Petroleum Tank Cleaners, INC. They will fax remediation documentation when they receive payment from RP.

See also 0304763

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"

Sent TTF Ltr to:

SM Realty LLC

PO Box 750710

Forrest Hills, NY 11375

Map Identification Number 14 **89-24 164TH ST** **JAMAICA, NY 11432** **Spill Number: 0304763** **Close Date:**
 89-24 164TH ST

MAP LOCATION INFORMATION
 Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 885 feet to the NE

ADDRESS CHANGE INFORMATION
 Revised street: 8924 164TH ST
 Revised zip code: NO REVISION MADE

Source of Spill: PRIVATE DWELLING	Spiller: OWNER - SANJAYA MALLICK	Spiller Phone: (718) 520-2600
Notifier Type: Responsible Party	Notifier Name:	Notifier Phone:
Caller Name: DAVE FAZIN	Caller Agency: CROWN LEAK DETECTION	Caller Phone: (516) 939-2959
DEC Investigator: LXZIELIN	Contact for more spill info: CALLER	Contact Person Phone:

Spill Class: KNOWN RELEASE THAT CREATES POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
08/05/2003		TANK TEST FAILURE	YES		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
1	10000	Horner EZ Check I or II	0.00	UNKNOWN

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks:

09/19/06- Zielinski

Sent a TTF letter to NYC American Management, Inc.

09/05/06 -Zielinski

This spill case reassigned from Central Office to Region 2.

7/20/05 Spoke with Amy at NYC American Management, INC (RP). She claims site was remediated, faxed work proposal, does not have receipt of work or soil disposal.

-Spoke with Petroleum Tank Cleaners, INC. They will fax remediation documentation when they receive payment from RP.

See also 0305491

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"

Sent TTF letter to property owner

Map Identification Number 15 **AMERICAN SEVASHRAM, INC.**
153-14 90TH AVENUE

JAMAICA, NY 11432

Spill Number: 9811864**Close Date:**

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 886 feet to the WSW

ADDRESS CHANGE INFORMATION

Revised street: 15314 90TH AVENUE

Revised zip code: NO REVISION MADE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Tank Tester

Caller Name: JAMES LEDDY

DEC Investigator: LXZIELIN

Spiller: MADO RAMISINGH - AMERICAN SEVASHRAM, INC.

Notifier Name: ALBERTO LOPEZ

Caller Agency: PROTEST ENTERPRISES

Contact for more spill info: MADO RAMISINGH

Spiller Phone:

Notifier Phone: (516) 321-4670

Caller Phone: (516) 321-4670

Contact Person Phone:

Spill Class: NO SPILL OCCURRED;DEC RESPONSE;NO CORRECTIVE ACTION REQUIRED

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended		
12/17/1998		TANK TEST FAILURE	NO		NO		
Material Spilled		Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL		PETROLEUM	0	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
	2000	Horner EZ Check I or II	0.00	FAIL

Caller Remarks:

CONTACT PHONE NUMBER FOR OWNER (212) 532-0843. SPILER NOTIFIED OF RESULTS. NO PLANS FOR RETEST AT THIS TIME.

DEC Investigator Remarks:

11/06/06 - Zielinski
Sent a TTF letter.

10/20/06 - Zielinski
Visited the site. According to staff at the property, the tank has been decommissioned.
Over the phone, spoke with Mr. Ravi Etwaru, President of America Sevashram Sangha, Inc. He confirmed that the tank had been closed in place. Mr. Etwaru faxed an affidavit by Pro-Test on two tanks closures in 2000, tanks testing results conducted in 1998, and waste oil removal and disposal. Information unclear neither about a cause of the failure nor any soil contamination.

09/05/06 -Zielinski
This spill case reassigned from CO to Region 2.

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "M TIBBE"
Universal Construction

Mr. Hemlell

718-850-6446

Cut open & clean tank.

Sent letter 1/27/06 to obtain more info.

Sent strong followup 2/21/06.

297 Route 72 West, Suite 35, #285
Manahawkin, NJ 08050-2890

5/2/07 - Raphael Ketani. While removing product piping, contaminated soil was found.

6/14/07 - Raphael Ketani. I received a letter dated 6/13/07 from Kleinfelder. It stated that they are doing upgrades to the equipment at the site.

6/18/07 - Raphael Ketani. I received a letter dated 6/15/07 from Kleinfelder regarding the site. It's the same short letter as above.

7/2/07 - Raphael Ketani. I tried to contact Ken Drake (ExxonMobil territory manager) at (908) 451-0956, but could only leave a message.

I made contact with Jesse Gallo, Project Manager for Kleinfelder (845) 567-6530. I asked him why DEC hadn't received any documentation. He said that the upgrade usually takes 6 to 8 weeks. He said this involves removing all of the old piping, vent piping, dispensers and other equipment. He said a bunch of soil was removed and they are still waiting for the analytical results.

7/25/07 - Raphael Ketani. Mr. Drake called me back and asked what the DEC needed. I told him we needed a letter explaining what the problem was and how the problem was fixed, copies of the soil manifests, and analytical results. He said that Mr. Gallo is on vacation right now. However, he will put a message on Mr. Gallo's chair reminding him that the DEC needs documentation regarding the site.

9/21/07 - Raphael Ketani. The PBS registration is #2-157023. Tanks #1 to #8 were closed and removed on 12/1/81. Tanks #16 and #17 were closed and removed on 6/1/81. Tanks #11 to #15 are temporarily out of service on 6/1/88.

On 9/12/07, I received the September 2007 Station Upgrade Activity Report for the site with a data CD. The report states that there are 5 gas tanks of 4,000 gal. capacity each on site that have been upgraded. Each gas UST passed its tightness test. New vent pipes were installed for each tank along with 5 new sumps and two new spill buckets. Three fill ports were replaced and four gasoline dispensers.

Twenty four (24) end point samples were taken after soil excavation. Six (6) samples had one or more exceedences for a volatile compound. These samples were PP BOT 8-4', PP BOT 9-4', PP BOT 12-5', PP SW 2-3', PP SW 3-3', and DI BOT 4-4'. From the review of the tables of analytical data, some of the results are orders of magnitude above the TAGM limits. The Department concurs with Kleinfelder's suggestion in their cover letter that a Subsurface Investigation Work Plan needs to be put together for soil and groundwater sampling and submitted.

9/25/07 - Raphael Ketani. A letter was sent out stating that more soil borings needed to be performed north of PP-BOT 8-4' and PP-BOT 9-4' and south of PP SW 3-3' and DI BOT 4-4'. The letter also stated that groundwater monitoring wells needed to be installed along the southern border of the property and across the street from the site. A round of groundwater samples must be taken.

10/19/07 - Raphael Ketani. I spoke to Shan Zuidema (case manager) of Kleinfelder (845) 567-6530 regarding the site and DEC's letter dated 9/25/07. As a result of our discussion, we agreed to have 3 wells installed: one on the east edge of the property,

one on the west edge of the property, and one on the southern boundary of the property. Soil samples will be tested via 8260 and 8270. However, if the soil samples do not show the 8270 suite of analytes, then the groundwater will not be sampled and tested for them. I told Mr. Zuidema that the groundwater flow direction has to be established and that more wells will have to be installed if contamination is found in the groundwater. He said that the 3 wells are an initial step to define what's in the groundwater, not the final answer.

11/16/07 - Raphael Ketani. I received the 11/16/07 Subsurface Investigation Work Plan by e-mail.

11/19/07 - Raphael Ketani. I reviewed the SIWP. The proposed locations of the 4 wells were found to be acceptable. The SIWP was found to be acceptable. I sent a letter to Mr. Gallo stating that the plan was acceptable and to start the work.

1/9/08 - Raphael Ketani. I received an e-mail today from Mr. Zuidema. The e-mail was as follows:

Initial utility clearance and boring pre-clearance work has begun according to the SIWP submitted on November 16, 2007 and approved on November 19, 2007. Drilling is scheduled to begin later this week.

During pre-drilling preparations it was determined that the MTA subway running beneath Hillside Avenue is too close to advance the monitoring wells proposed in the sidewalk along Hillside Avenue. Additionally, MTA installation of subway grates within the sidewalk directly south of the Site along Hillside Avenue is on-going. Kleinfelder anticipates including one additional location not included in the SIWP located at the northwest corner of the property. The three monitoring wells now planned to be advanced should still be sufficient for an initial understanding of groundwater.

Moving forward, additional delineation work, if necessary along the southern boundary of the property will need to take into consideration of the building specifications of the MTA subway. Thanks for your time and feel free to call with any questions.

Map Identification Number 17 **HILLSIDE SERVICE STATION** **Spill Number: 9712952** **Close Date:**
166-06 HILLSIDE AVE JAMAICA, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (3)
Approximate distance from property: 1902 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: 16606 HILLSIDE AVE
Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION
Notifier Type: Responsible Party
Caller Name: PETER DIGRAZIA
DEC Investigator: HRPATEL

Spiller: ABOVE CALLER - HILLSIDE SERVICE STATION
Notifier Name: PETER DIGRAZIA
Caller Agency: MAIN ELMSFORD CORP
Contact for more spill info: ABOVE CALLER

Spiller Phone: (718) 658-7543
Notifier Phone: (914) 632-2818
Caller Phone: (914) 632-2818
Contact Person Phone: (718) 658-7543

Spill Class: KNOWN RELEASE THAT CREATES POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
02/18/1998		UNKNOWN	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

FOUND CONTAMINATED SOIL ON SITE - SENT TO LAB - CONTAMINATED SOIL

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ROMMEL"
This gasoline spill case has been reassigned from DEC (Sigona) to

Rommel on January 7, 2004.

9/7/06 - Austin - Assigned from Albany to Region 2 staff (Patel) for review and closure - end

10/11/06-Hiralkumar Patel. from property shark, owner of property is:

Papoutsas Kathy
16606 Hillside Ave
Jamaica NY 11432-4251

PBS #: 2-600294.

spoke with Mr. Alauddin Mahmood (PH.: 718-658-7543) at facility, who is handling tanks at site. he doesn't have owner's phone number. he will call back.

11/14/06-Hiralkumar Patel. visited site on 11/13/06. met Humayun Kabir (Ph. 718-658-7543, Fax: 718-658-1411), person running gas station at subject site. he owns this business for last three years. before him Mittermaan Singh (Ph.: 718-658-6610, Cell: 646-824-9050, Fax: 718-658-0106) was running the gas station business in 1998, who owns business currently behind subject site. left message for Mr. Singh. spoke with landlord's relative, Paul Sinanis (718-476-1752). landlord passed away and the Department can send correspondence to Mr. Sinanis.

received message from Mr. Lucky Singh. left message for Mr. Singh.

11/15/06-Hiralkumar Patel. spoke with Mr. Singh. he believes that he started his business in Nov. 1998 after owner built new station. Mr. Singh has some documents about that soil removal work. he will check his record and will send copy of documents that

he has.

11/30/06-Hiralkumar Patel. left message for Mr. Singh. received call from Mr. Singh. he hasn't got any documents and he will forward once he finds anything.

12/14/06-Hiralkumar Patel. spoke with Mr. Singh. he spoke with person at trucking company (516-634-0509) who transported contaminated soil to land in Pennsylvania. but trucking company doesn't have any records after seven years.

left message for Paul Sinanis for his address to send letter.
from PBS record, address for Paul is:

Paul Sinanis
39-48 64th Street
Woodside, NY 11377
Ph. (718) 476-1752

received call from Mr. Sinanis. he confirm above address.

12/15/06-Hiralkumar Patel. sent out letter to Mr. Sinanis at above address requiring soil delineation. letter faxed to Mr. Kabir, current tenant at subject site.

12/22/06-Hiralkumar Patel. received message from Mr. Singh. spoke with Mr. Singh. he asked to call trucking company who transported contaminated soil from site. explained to Mr. Singh that without proper documentations/report, this case will stay open. Mr. Singh will check for any available reports on this case. asked Mr. Singh to hire another consultant for soil/groundwater delineation if he couldn't find any report.

01/09/07-Hiralkumar Patel. left message for Mr. Sinanis.

02/16/07-Hiralkumar Patel. received only copies of disposal tickets from Mr. Singh. no endpoint data. spoke with Mr. Sinanis and asked him to submit report by 04/01/07 as he never received letter from the Department. sent another letter to Mr. Sinanis with same requirement.

03/09/07-Hiralkumar Patel. left message for Mr. Sinanis.

03/19/07-Hiralkumar Patel. received message from Mr. Singh. spoke with Mr. Singh. he is in process of hiring contractor for required work. he will call by end of this week with contractor's info who will going to do soil/groundwater investigation.

03/22/07-Hiralkumar Patel. received call from Mr. Singh. he has hired Environmental Management Solutions INC.

Patricia Badding
Environmental Management Solutions INC.
Ph. (908) 604-2291 (O)
(908) 500-7160 (C)
FAx (908) 604-4949

03/23/07-Hiralkumar Patel. received message from Ms. Badding. they have scheduled geoprobing on 04/03/07. she requested deadline extension to May 15, 07 for report submission. spoke with Ms. Badding. approved her request to extend deadline.

05/02/07-Hiralkumar Patel. received call from Mr. Singh. he mentioned that consultant did borings at site and took samples. he will call consultant and ask them to submit report.

05/15/07-Hiralkumar Patel. received call from Patricia from Environmental Management Solutions, who took soil samples. Patricia will send report in next week.

06/06/07-Hiralkumar Patel. spoke with Patricia. she will send report by 06/15/07.

06/15/07-Hiralkumar Patel. received call from Patricia. she is preparing report and will send by 06/18/07.

06/26/07-Hiralkumar Patel. received report from Patricia. abstract:

- currently site has three single-walled steel 4000 gal gasoline USTs and one fiberglass-coated 4000 gal diesel UST
- tanks are filled directly
- during Feb. 1998, three 4000 gal gasoline USTs were upgraded and one 4000 gal diesel UST was installed and approx. 146 tons of contaminated soil was removed
- total of seven soil borings were advanced to depths ranging 8 to 23 ft bg depending upon rock refusal
- no groundwater encountered in any boring
- found contamination in SB-3 and SB-6
- boring SB-3 was advanced centrally in front of the dispenser along Hillside ave. highest PID measured was 219 ppm and measured at the 14-15 ft interval where refusal was met <-----
- boring SB-6 was advanced off the northwestern corner of the dispenser along Hillside ave. refusal encountered at 8.5 ft bg. highest PID, 770 ppm, was measured at 7-8 ft and PID decreased to 450 ppm where refusal was encountered

-----SB-3-----	-----SB-6-----	-----limit
14-15 ft	7-8 ft	
Xylene-----24,800-----	7,160-----	1,200
1,2,4-Trimethylbenzene--19,000-----	12,000-----	10,000
1,3,5-Trimethylbenzene---6,400-----	3,300-----	3,300

spoke with Patricia. she mentioned that tank top is right under asphalt floor and tank invert could be 5-6 ft bg (means all samples area almost two ft below tank invert). Patricia mentioned that store manager told her about electric lines going underground from tank/dispenser to store and as he didn't had any map, they hadn't took any samples south of tank pad.

spoke with Mr. Singh. asked him to do more soil investigation around SB-3 and SB-6 to define area of contamination and soil boring between tank location and convenience store on-site. also asked him to take groundwater sample between SB-3 and SB-6.

sent letter to Mr. Sinanis requiring further soil delineation around SB-3 and SB-6 and also area south of USTs (which was not investigated during first investigation), groundwater sample and endpoint samples (if excavation possible). letter faxed to Mr. Singh, Mr. Kabir and Patricia.

08/14/07-Hiralkumar Patel. received message from Ms. Badding (on 07/26/07). they drilled and found rocks at site. they will use

mobile drill rig and try again. they will do drilling on 08/27/07.

09/25/07-Hiralkumar Patel. received message from Ms. Badding. they did borings on 09/20/07.

10/11/07-Hiralkumar Patel. spoke with Ms. Badding. she is waiting for analyticals.

11/07/07-Hiralkumar Patel. spoke with Ms. Badding. she will send report next week.

11/12/07-Hiralkumar Patel. received message from Ms. Badding. they put well between tank field and garage. they had problem putting well along Hillside ave as found underground lines and can't install any wells around previous borings SB-3 or SB-6.

11/21/07-Hiralkumar Patel. left message for Ms. Badding.

11/23/07-Hiralkumar Patel. received call from Ms. Badding. she is going next week to sample one well which installed between tank field and on-site store. they tried to install another well closed to previous boring SB-3, but got refusal after 16 ft and may some electrical lines running at that depth. asked Ms. Badding to find general groundwater depth and flow direction in that area. Ms. Badding will send groundwater analyticals for one sample from recently installed well.

12/12/07-Hiralkumar Patel. received message from Ms. Badding. she took groundwater sample on 12/07/07 and will send results once gets it.

01/11/08-Hiralkumar Patel. left message for Ms. Badding.

01/14/08-Hiralkumar Patel. received message from Ms. Badding. she will send report tomorrow.

01/22/08-Hiralkumar Patel. received report from Ms. Badding. abstract:

- installed two borings, one converted to well
- one boring SB-8 was installed on south of tank field, between tank field and on-site store. boring was advanced to depth of 50 ft; no PID readings found
- two soil samples were taken from boring B-8; one soil sample from depth of 40-42 ft interval (the soil/water interface) and another sample was taken to depth of 48-50 ft
- boring B-8 was converted to well
- boring B-9 was advanced east of previous boring B-3; rock refusal was met at depth of 15-17 ft where soil sample was collected; PID at 15-17 ft depth was 1.2 ppm
- one groundwater sample collected from installed well
- depth of groundwater was measured at 41.66 ft from top of well casing
- no LNAPL or sheen observed in groundwater
- no contamination found in any soil or groundwater sample

spoke with Patty. mentioned her that the department required complete delineation of soil contamination around previous boring B-3 and B-6. Patty mentioned that due to electrical and other lines in ground, west of boring B-6, they couldn't do any further boring in that area and found refusal at 15-17 ft on east of boring B-3. asked Patty to do borings on sidewalk along Hillside Avenue; north of previous borings B-3 and B-6.

Map Identification Number 18 **103 PRECINCT NYPD -DDC**
 168-02 91ST AVENUE

Spill Number: 9511826 **Close Date:**
 QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 2055 feet to the ENE

ADDRESS CHANGE INFORMATION
 Revised street: 16802 91ST AVENUE
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
 Notifier Type: Other
 Caller Name: SERGEY PILDYSH
 DEC Investigator: ADZHITOM

Spiller: NYCPD 103RD PCT
 Notifier Name: SERGEY PILDYSH
 Caller Agency: RECON ENVIROMENTAL CORP
 Contact for more spill info:

Spiller Phone:
 Notifier Phone: (212) 545-7440
 Caller Phone: (212) 545-7440
 Contact Person Phone:

Spill Class: KNOWN RELEASE THAT CREATES POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
12/18/1995		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL
MTBE (METHYL-TERT-BUTYL ETHER)	HAZARDOUS MATERIAL	0	UNKNOWN	0	UNKNOWN	

Caller Remarks:

contaminated soil found in garage area - gas pumps in garage

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KOLLEENY"
 DGS MONITOR.

URS Corp. did site investigation and found limited area of soil contamination and minor groundwater contamination in one well. They proposed soil vapor extraction and GW monitoring. DEC approved remedial design report in March 2001. After additional GW sampling, DEC approved NFA for GW in August 2001. SVE system was started up in August 2003. By early 2004, system was getting diminishing results, and URS proposed confirmation soil sampling to evaluate remedial progress. DEC approved confirmation soil sampling plan in March 2004, sampling took place in April 2004.

In Nov. 2004, URS submitted System Performance Monitoring Report for Aug.-Oct. 2004, with results of confirmation soil sampling and round of groundwater sampling. One of three borings showed residual soil contamination, so SVE system was re-started in August 2004. GW sampling showed no impacts. URS will continue to operate SVE system until vapor influent indicates system has reached asymptotic conditions, then advance another soil boring to evaluate soil conditions. - J. Kolleeny 3/18/05.

Spill transferred to Alex Zhitomirsky on 4/4/05. - JK

10-12-2005 URS indicated that there is an increase in the extraction of contaminants from the vadose zone. In April 2005, URS issued a work plan for collection of another confirmation soil sample in the vicinity of SB-01. AZ

11/03/2005 Reviewed System Performance Report dated June 2005. SVE system was modified -K-Packer installed and ventilation wells closed. Soil sample will be collected near SB-01. URS indicated that there is an increase in the extraction of contaminants from the vadose zone. AZ

1/09/2005 Reviewed System Performance Monitoring Report received on Nov. 29, 2005. An increase in the extraction of contaminants from the vadose zone was observed. URS will collect another confirmation sample in the vicinity of soil boring SB-01. AZ

NYSDEC FALL 1998 MTBE SURVEY INFORMATION FOR 9511826

Maximum MTBE concentration: 350.0 PPB Current MTBE concentration: 350.0 PPB
 BTEX offsite: No

Source of MTBE		Number of private drinking water wells impacted: 0
		Number of public water supply wells impacted: 0
Steel Underground Storage Tank -		Number of private drinking water wells impacted: 0
Fiberglass Underground Tank -		Number of replacement wells drilled: 0
Aboveground Storage Tank -		Number of water main extensions: 0
Piping - X		Number of water main hookups: 0
Source not identified -		Number of residences provided w/ bottled water: 0
Other source -		Number of people affected: 0

Indoor Air Impacts : No
 Aquifer Impacts : No

Ongoing remediation: No

Monitoring Frequency
 Monthly - Quarterly - Semi-annual - Annual - Other -

Remedial Action used
 No Action -

Groundwater		Soil
Pump and Treat -		Soil Vapor extraction -
Air sparging -		Excavation and disposal -
Bioreactor -		Bioremediation -
Natural attenuation -		Low temp thermal desorption -
Oxygen injection -		Oxygen injection -

Biosparging - Other -
 Dual phase extraction -
 Other -

Under investigation: Yes
 Dept. of Health involvement: No

 Dept. of Health Remarks: No remarks given for this spill

 General Remarks: No remarks given for this spill

Map Identification Number 19 **BP AMOCO STATION #11009** **Spill Number: 9913468** **Close Date:**
 165-25 LIBERTY AVE ST ALBANS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 2343 feet to the ESE

ADDRESS CHANGE INFORMATION
 Revised street: 16525 LIBERTY AVE
 Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION Spiller: AMOCO Spiller Phone:
 Notifier Type: Responsible Party Notifier Name: VELIA KRANICH Notifier Phone: (914) 765-8172
 Caller Name: VELIA KRANICH Caller Agency: DELTA ENVIR. Caller Phone: (914) 765-8172
 DEC Investigator: rjfeng Contact for more spill info: VELIA KRANICH Contact Person Phone: (914) 765-8172

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
02/28/2000	12/06/2004	UNKNOWN	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL
MTBE (METHYL-TERT-BUTYL ETHER)	HAZARDOUS MATERIAL	0	UNKNOWN	0	UNKNOWN	

 Caller Remarks:
 SOIL SAMPLES BEING TAKEN PRODUCT WAS FOUND IN A MONITORING WELL

 DEC Investigator Remarks:
 SEE ALSO 98-15187, 94-11833, 88-04863.

3/19/03 REASSIGNED FROM TIBBE TO VOUGHT.

11/25/03 Reassigned from Vought to Foley.

11/26/03 File review (KMF):

Third Quarter 2003 Monitoring Report

Depth to groundwater = 15-18' bgs

Flow generally southeasterly

0.03' LNAPL present in W-07 on 9/5/03

Air Sparge/SVE system running.

Jamaica public supply wells 2, 6, and 33 are all approx 0.5mi away but are not available for service.

TOTAL BTEX TRENDS:

MW-1, MW-6, MW-7, W-21, W-22, W-34, and W-35 are mostly non-detect.

MW-2 appears to be decreasing. Highest was 11730ppb(10/22/01). Now 107ppb.

MW-3 has been variable. Highest was 172880ppb(6/27/01). Now 23650ppb.

MW-4 was increasing from 10/22/01 to 2/4/03. Highest 36110ppb(2/4/03). Now 17740ppb.

MW-5 has generally been stable since 7/9/02 remaining at approx 40000ppb.

W-07 has measured LNAPL in three gauging events.

W-08 measured 1.06' of LNAPL on 2/20/02 but has been non-detect since.

W-23 measured 0.08' and 0.24' of LNAPL in consecutive events from 2/20/02 and 5/1/02. Total BTEX levels have been relatively low since.

W-24 measured 0.67', 0.29', 0.19' and 0.05' in consecutive events from 2/20/02 to 10/23/02. Total BTEX has been relatively low since.

W-32 had some hits in 2000 and 2001 but has been non-detect or relatively low since.

W-33 has been variable with total BTEX remaining in excess of TAGM. Highest was 33550ppb(10/23/02). Now at 15390ppb.

W-50 has generally been decreasing. Highest 8844ppb(8/22/00)Now non-detect.

MTBE TRENDS:

W-33 was consistently high (16300ppb on 2/8/01) but have been decreasing. Now 22.7ppb.

MW-1, MW-2 and MW-3 exceeded TAGM from 3/00 to 5/02 and have since been non-detect. All others have been either not sampled due to LNAPL or have been non-detect or below 10ppb.

3/15/04 Received 4Q03 monitoring report, Quarterly and Monthly Remedial System O&M reports and January 2004 O&M report for SVE/AS system.

5/7/04 From portfolio meeting: SVE/AS system continuing. Reaching asymptotic levels. Higher dissolved in MW-2, MW-3. There has been a significant rise in the water table. Plume is submerged. Jamaica wells are 2200' south. MTBE is appearing in north NYCTA remediation system.

6/23/04 Feb 04 O&M report received. SVE/AS system not operating upon arrival. Moisture separator was full and auto shut-off. System was reset. No measurable quantities of BTEX, MTBE or TPH removed in 2/04.

6/23/04 Mar 04 O&M report received. Operating with no alarm conditions. AS operating at flow rate in excess of 25 SCFM on AS-2.

Valves to sparge wells AS-1 and AS-4 were closed during 12/03 and AS-3 was closed during 1/04 to increase effective radius of wells. Based upon influent sampling, 1.13lbs of total BTEX, 0.32lbs of MTBE and 263lbs of TPH were removed from 2/18/04-3/16/04.

6/25/04 Apr 04 O&M report received. Operating with no alarm conditions. Removed 0.44lbs BTEX, 0.37lbs MTBE and 126lbs TPH from 3/16/04-4/28/04.

6/25/04 May 2004 O&M report received. No alarm conditions. Removed 0.06lbs BTEX and 118lbs TPH. Will open valves to sparge wells and adjust air flow to deliver oxygen and stimulate bio activity.

6/30/04 Met with Spartan Petroleum and Impact Env. Tanks to be removed 8/04. Elementary school downgradient.

8/26/04 Email from A. Lapine, Delta. BP's lease expired and will be removing tank system and doing source removal. AS/SVE system was removed and may be reinstalled after excavating. Prospective buyer intends to operate a check cashing business.

9/22/04 Update from A. Lapine. Delta to begin UST removal on 9/27/04.

9/24/04 Demolition postponed to 10/4/04.

11/9/04 Received UST excavation assessment report(Delta, 11/2/04). Three 4000gal gas USTs, two previously abandoned 4000gal gas USTs and product piping removed. In addition, six previously abandoned 550gal USTs were discovered and removed.

4000gal TANKS (Work done 10/1/04-10/12/04)

Tank observed to be in good condition. PID readings ranged from 4.3 to 511ppm. The max PID reading was from beneath the eastern portion of tank 3. Soil was overexcavated to 20'bgs below this tank. GW observed in areas overexcavated at 20'bgs. Post-ex samples were collected for analysis by 8260+MTBE. Samples did not identify VOCs above TAGM cleanup objectives.

550gal TANKS (Work done 10/7/04-10/12/04)

Four of the six (tanks 8-11) had a concrete base. Several were observed to be abandoned with concrete slurry. Oil/water mix was transferred to 55gal drums. Tanks were observed to be in fair condition with no visible holes but some pitting. Soil beneath the tanks did not appear impacted. Post-ex samples were collected for analysis by 8260+MTBE. Samples did not identify VOCs above TAGM cleanup objectives.

PRODUCT PIPING (Work done 10/1/04-10/12/04)

Approx 20' of piping was excavated. Soil beneath the piping(which serviced two pump islands) was excavated during the tank system excavation. The soil available for screening was from underneath the vent piping. Soil beneath the vent lines was screened and read 2.5ppm. A soil sample from beneath the vent lines did not identify VOCs above soil cleanup objectives.

Approx 211tons of petroleum impacted soils were disposed of. A black silt layer was observed at 15'bgs within an overexcavated area beneath the two 4000gal tanks. GW is at approx 14-20.5'bgs and flows S-SW. SVE/AS system decommissioned as part of abandonment of site.

11/22/04 Close to NYCDEP supply wells #2, #6, #33. STIP issued. CAP includes requirement for vertical delineation. Due 11/29/04.

11/29/04 Received faxed copy of signed stip.

12/6/04 Stip effective. Investigation Summary Report due 2/6/05 and RAP due 4/6/05.

2/8/05 Received site assessment summary report. MW-8,9,10 were installed as nested wells. Each well consists of four individual 1" MWs(A,B,C,D) screened from 10-20', 25-30', 35-40', and 45-50'. It appears that VOCs identified in soil samples may be due to #2FO associated with Jamaica Depot. Total BTEX were ND.

2/8/05 Site Assessment Summary Report received.

4/7/05 Received RAP proposal for MNA. Station was abandoned and tanks excavated clean. Currently monitoring. Off-site system operated by Transit Authority aiding cleanup.

6/8/05

1Q04 - DTW 14.32-27.30'bgs. 0.66' LNAPL in W-24. BTEX from ND to 57050ppb(MW-3). MTBE from ND to 52ppb(W-33).

2Q04 - DTW 13.91-20.57'bgs. 0.01' LNAPL in W-07 and 0.82' LNAPL in W-24(bus depot). BTEX from ND to 49310ppb(MW-3). MTBE from ND to 227ppb(W-33).

3Q04 - DTW 14.01-20.52'bgs. 1.39' LNAPL in W-24(bus depot). BTEX from ND to 56500ppb(MW-3). MTBE from ND to 25ppb(W-33).

4Q04 - DTW 13.21-19.85'bgs. 0.04' LNAPL in W-24(bus depot). BTEX from ND to 34920ppb(MW-5). No MTBE detected.

8/1/05 1Q05 - DTW 13.05-19.50'bgs. 2.09' LNAPL in W-24(bus depot). BTEX from ND to 20392ppb(MW-4). MTBE from ND to 3ppb(MW-10C).

2Q05 - DTW 12.43-18.9'bgs. No LNAPL present. BTEX from ND to 30666ppb(MW-4). MTBE from ND to 58ppb(W-33).

11/29/05 3Q05 - DTW 12.94-19.21'bgs. 0.06' LNAPL in W-24(bus depot). BTEX ranged from ND to 23045ppb(MW-4). MTBE from ND to 0.5ppb(MW-10D).

3/27/06 4Q05 - DTW 11.38-17.95'bgs. 0.03' LNAPL in W-08 and 0.09' in W-24(Bus Depot). BTEX from ND to 21860ppb(MW-4). MTBE from ND to 2ppb(MW-9D). MW-4 and W-33, possibly MW-9, impacted by Amoco station.

6/8/2006 - Feng - project reassigned to RJJFeng. (RJJF)

1/4/2007 - Feng - 1Q2006, 10/18/2006, by Delta. Groundwater sampled and gauged 2/22/2006. 23/27 monitoring wells. DTW 11.08' to 17.52' bg. Flows south. LNAPL in W-24 (0.03'). BTEX maximum 2,545 ppb (W-50). MTBE maximum 0.92 ppb (MW-9D). (RJJF)

1/4/2007 - Feng - 2Q2006, 10/18/2006, by Delta. Groundwater sampled and gauged 5/25-26/2006. 22/28 monitoring wells. DTW 11.74' to 18.15' bg. Flows south. LNAPL in W-24 (0.66'). Low MTBE in all wells. MW-6, MW-7, MW-8A, ND BTEX. MW-8B, 13.16 ppb BTEX. MW-8C, 4.26 ppb BTEX. MW-8D, ND BTEX. MW-9A, ND BTEX. MW-9B, 1,349 ppb BTEX. MW-9C, ND BTEX. MW-9D, 38.1 ppb BTEX. MW-10A, ND BTEX. MW-10B, 13.22 ppb BTEX. MW-10C, ND BTEX. MW-10D, 7.91 ppb BTEX. W-07, 206 ppb BTEX. W-08, 5.1 ppb BTEX. W-21, not sampled. W-22, ND BTEX. W-23, 13.3 ppb BTEX. W-24, 4.82 ppb BTEX. W-32, ND. W-33, 308 ppb BTEX. W-34, W-35, ND. W-50, 4,207 ppb BTEX. AS-2, 51.96 ppb BTEX. (RJJF)

2/5/2007 - Feng - 3Q2006, 11/14/2006, by Delta. Groundwater sampled 8/24/2006. 23/28 monitoring wells were sampled. 10 monitoring wells (W-07, W-8, W-22, W-23, W-24, W-32, W-33, W-34, W-35, and W-50) were part of an investigation being conducted by

the New York City Transit Authority on the property located across Liberty Ave to the south. DTW 11.71' to 17.85' bg. Flows south. LNAPL in W-24 (0.63'). Max BTEX 3,122 ppb (W-50). Max MTBE 0.77 ppb (W-33). (RJF)

6/18/2007 - Feng - 4Q2006, 4/24/2007. Groundwater sampled 11/27/2006. 22/28 monitoring wells were sampled. DTW 12.13' to 18.32' bg. Flows to south. LNAPL in W-24 (0.02'). BTEX range ND to 1,979 ppb BTEX (W-50). MTBE range ND to 0.47 ppb (MW-10C). 10 monitoring wells (W-07, W-08, W-22, W-23, W-24, W-32, W-33, W-34, W-35 and W-50) are part of an investigation being conducted by the NYC Transit Authority on the property located across Liberty Ave to the south.

7/27/2007 - Feng - 1Q2007, 5/3/2007. Groundwater sampled 3/5/2007. 25/28 monitoring wells were sampled. DTW 12.05' to 18.52' bg. Flows to south. No LNAPL. BTEX range ND to 3,280 ppb (MW-9B). MTBE range ND to 0.47 ppb (MW-10C). (RJF)

12/12/2007 - Feng - 2Q2007, 8/6/2007. Abandoned site. 25/28 monitoring wells were gauged 5/24/2007. DTW 11.81' to 18.10' bg. Flows to south. No LNAPL. 25/28 monitoring wells were sampled 5/24/2007. BTEX range ND to 1,356 ppb (W-50). MTBE range ND to 0.32 ppb (MW-10D). (RJF)

1/14/2008 - Feng - 3Q2007, 10/23/2007. Abandoned site. The monitoring well network was gauged and sampled on 8/29/2007. 20/28 wells were gauged. DTW 10.98' to 17.93' bg. Flows to south. No LNAPL. 20 wells were sampled. BTEX range ND to 1,575 ppb (W-50). MTBE ND. (RJF)



ACTIVE HAZARDOUS SPILLS - MISC. SPILL CAUSES - EQUIPMENT FAILURE, HUMAN ERROR, TANK OVERFILL, DELIBERATE SPILL, TRAFFIC ACCIDENT, HOUSEKEEPING, ABANDONED DRUM, AND VANDALISM - IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS.
 All spills mapped and profiled within 1/8 mile. Between 1/8 mile and 1/2 mile search radius, spills reported to be greater than 100 units and spills reported in the NYSDEC Fall 1998 MTBE Survey are mapped and profiled. Spills reported to be less than 100 units are listed in a table at the end of this section.

Please Note: * - Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 20 **SHELTON HOUSES (BAISLEY PARK) -NYCHA** **Spill Number: 0313520** **Close Date:**
 89-09 162ND ST QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 637 feet to the NNE

ADDRESS CHANGE INFORMATION
 Revised street: 8909 162ND ST
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: NYC HOUSING - NYC HOUSING Spiller Phone:
 Notifier Type: Fire Department Notifier Name: CARBONE Notifier Phone: (917) 769-0483
 Caller Name: CARBONE Caller Agency: FDNY HAZ MAT Caller Phone: (917) 769-0483
 DEC Investigator: KSTANG Contact for more spill info: NYC HOUSING Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
03/09/2004		EQUIPMENT FAILURE	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	100.00	GALLONS	85.00	GALLONS	SEWER

Caller Remarks:

PIPE THAT RUNS FROM TEMPORARY HEATING TRAILER TO THE BUILDING RUPTURED. SPILLING APPROX 100 GALLONS. CLEANUP IS IN PROGRESS. BLDG IS CURRENTLY WITHOUT HEAT.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KOLLEENY"
 3/9/2004 Tipple responded to the site.

3/10/2004 Sangesland called Steve Saccacio of NYC Housing (718-707-5722). He said the NYCFD drained the mobile boiler and added to the size of the oil spill on the ground.

NYC Housing has hired the boiler company (NorthStar Mechanical) to do the cleanup.

Sangesland spoke to Mario Matinone, NYC Housing on site - 917- 923-5659. He said they can only do a surface cleaning now. The boiler trailer is standing on a temp footing and will not be moved for another 2 months. The boiler room in the building is being rebuilt and the temp boiler needs to stay in place until this work is done. After the boiler room is complete, the temp boiler will be removed and a proper excavation of the oil impacted soil will be done.

11/02/05: This spill transferred from J.Kolleeny to S.Kraszewski.

01/26/06: This spill transferred fom S.Kraszewaski to Q.Abidi.

03/29/06: This spill transferred from Q. Abidi to Koon Tang.

THE FOLLOWING ACTIVE SPILLS FOR THIS CATEGORY WERE REPORTED BETWEEN 1/8 MILE AND 1/2 MILE SEARCH RADIUS FROM THE SUBJECT ADDRESS. THESE SPILLS WERE REPORTED TO BE LESS THAN 100 UNITS IN QUANTITY AND CAUSED BY: EQUIPMENT FAILURE, HUMAN ERROR, TANK OVERFILL, DELIBERATE SPILL, TRAFFIC ACCIDENT, HOUSEKEEPING, ABANDONED DRUM, OR VANDALISM. THESE SPILLS ARE NEITHER MAPPED NOR PROFILED IN THIS REPORT.

FACILITY ID	FACILITY NAME	STREET	CITY
0706596	3 GAL LEAKED FROM XFMR IN MH # 6707.	JAMACIA AVENUE & 153 STREET	JAMAICA
0514909	VAULT #9181	88 AVE & 153 STREET	QUEENS
9811495	NYNEX	95-40 157TH ST	JAMAICA
9100573	150-10 BEAVER RD/QUEENS	150-10 BEAVER ROAD	NEW YORK CITY



CLOSED STATUS TANK FAILURES IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS

Please Note: * - Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 21 **SALVATION ARMY** **Spill Number: 0212020** **Close Date: 03/06/2003**
 90-23 161ST ST JAMAICA, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 201 feet to the E

ADDRESS CHANGE INFORMATION
 Revised street: 9023 161ST ST
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER Spiller: SALVATION ARMY Spiller Phone:
 Notifier Type: Responsible Party Notifier Name: CORNELIUS YOUNG Notifier Phone: (718) 297-4860
 Caller Name: CORNELIUS YOUNG Caller Agency: SALVATION ARMY Caller Phone: (718) 297-4860
 DEC Investigator: RWAUSTIN Contact for more spill info: CALLER Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;NO CORRECTIVE ACTION REQUIRED

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
03/06/2003		TANK FAILURE	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SEWER

Caller Remarks:

tank fauilure leaked oil into the sewer. petro oil estimates approx 1 gallon. would like a call back

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "AUSTIN"
 3/6/03 - AUSTIN, DDO - PET. ODOR DETECTED ON 3/5 IN BLDG. - PETRO OIL SENT REPAIRMAN TO CHECK BOILER - HE FOUND ROTTED OIL FILTER, WHICH WAS DRIPPING INTO 6" SCUPPER DRAIN - REPLACED FILTER - MINOR AMT. OF OIL IN DRAIN -CLOSE

Map Identification Number 22 **QUEENS FAMILY COURT HOUSE**
89-14 PARSONS BLVD

Spill Number: 0202895 **Close Date: 10/24/2003**
JAMAICA, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 794 feet to the WNW

ADDRESS CHANGE INFORMATION
Revised street: 8914 PARSONS BLVD
Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER	Spiller: ROBERT ABRAMO - QUEENS FAMILY COURT HOUSE	Spiller Phone: (718) 442-8200
Notifier Type: Other	Notifier Name: ROBERT ABRAMO	Notifier Phone: (718) 442-8200
Caller Name: ROBERT ABRAMO	Caller Agency: GEM STAR CONSTRUCTION	Caller Phone: (718) 442-8200
DEC Investigator: MXTIPPLE	Contact for more spill info: ROBERT ABRAMO	Contact Person Phone: (718) 442-8200

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
06/19/2002		TANK FAILURE	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#4 FUEL OIL	PETROLEUM	200.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

PBS #217018 - SPILL SAMPLES BEING DONE WITH CLEANUP TO BEGIN.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIPPLE"
6/19/02 Spoke with Bob Abramo, told him that end point samples were required. The samples are to be taken along the outside edges of the tank vault below the elevation of the bottom of the tank, not in the middle of an intrinsically sound slab, and not above the tank elevation. Mr. Abramo said that he would submit samples from a 6 foot depth where the tank vault extended down to a 14 foot depth. I told him that that was not acceptable.

10/24/03 tipple updating/// this spill number closed and referred to # 01-01552//Mr.Abramo no longer working.

Map Identification Number 23 **YORK COLLEGE**
 94-20 160TH ST

Spill Number: 0511961
 JAMAICA, NY NO ZIP PROVIDED

Close Date: 03/21/2006

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (2)
 Approximate distance from property: 1049 feet to the SSE

ADDRESS CHANGE INFORMATION
 Revised street: 9420 160TH ST
 Revised zip code: 11433

Source of Spill: COMMERCIAL/INDUSTRIAL
 Notifier Type: Responsible Party
 Caller Name: PETER DIPASDA
 DEC Investigator: rvketani

Spiller: PETER DIPASDA - YORK COLLEGE
 Notifier Name: PETER DIPASDA
 Caller Agency: CITY UNIVERSITY OF NY
 Contact for more spill info: PETER DIPASDA

Spiller Phone: (732) 225-7380
 Notifier Phone: (732) 225-7380
 Caller Phone: (732) 225-7380
 Contact Person Phone: (732) 225-7380

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
01/17/2006		TANK FAILURE	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

tank is being pulled, soil contamination, remediation is in progress. tank size is 3600 gallon tanki.

DEC Investigator Remarks:

1/19/06 - Raphael Ketani. I spoke to Mark Randazzo of O'Brien & Gere ((732) 225-7380, ext 231; cell (781) 883-6432) today. He said they were digging at the site and came across a large tank (17'X6") that was not known to be there. The soil is contaminated with oil. I told him to take 6 soil samples on the floor of the trench (one at each end and 2 at the base of the north wall and at the base of the south wall) and one 3 feet above the floor of the trench in each wall (total 10). He said that he had dug down 15' already and asked how much he should go. I told him that he has to dig out all of the soil that exceeds TAGM 4046, or until he hits groundwater. I told him that if there is groundwater, then water samples need to be taken. I told him that if he believes the digging will endanger buildings or structures, then he has to get an engineer to look at the site. If the engineer makes a determination that it is unsafe to dig deeper, then DEC needs to receive a report stating this from the engineer. He agreed to dig deeper and take the samples.

Jan 20th, 2006
 Sent CSL To

Howard N. Apsan
 CUNY

535 East 80th St
New York, NY 10021

2/17/06 - Raphael Ketani. I spoke to Mr. Randazzo. He said that the digging and soil removal have been completed and soil samples were sent to the laboratory. He said they only went 2 feet deeper due to safety concerns, but they didn't hit water. I asked him when I should receive the final report and he said in 2 or 3 weeks.

3/21/06 - Raphael Ketani. I received the Underground Storage Tank Closure Former St. Monica's Church Property report dated March 2006 and produced by O'Brien & Gere. I reviewed the report and found the results to be non-detect, or below TAGM 4046, or just above TAGM 4046. The PBS case #2-333638 has been updated. They want an NFA letter. Based upon the report, I am closing the spill case. Also, I am writing the NFA letter.

Map Identification Number 24 **16410 JAMAICA AVE**
164-10 JAMAICA AVE

Spill Number: 0100429 **Close Date: 06/09/2005**
QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1227 feet to the E

ADDRESS CHANGE INFORMATION
Revised street: 16410 JAMAICA AVE
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
Notifier Type: Local Agency
Caller Name: CANTON ZARO
DEC Investigator: SMSANGES

Spiller:
Notifier Name: P.O. RAY DOWD
Caller Agency: NYC EPA
Contact for more spill info:

Spiller Phone:
Notifier Phone: (917) 642-8725
Caller Phone: (718) 595-4784
Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
04/11/2001		TANK FAILURE	YES		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

leaking tank inside the basement - on going problem - ray dowd is on scene - dec to call him @ the # giving

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"

4/11/2001 Sangesland spoke with John Maltz (718-786-5050) of Greiner Maltz Management about this spill.

Mr. John Maltz
Greiner Maltz Management
42-12 28th St
Long Island City, NY 11101

According to tenants, leaking tank is a cronic ongoing problem.
Commercial building - tank in a vault - Mina Fuel Oil Astoria is in charge of the clean up.
Mr. Maltz was told he had NO PBS RECORDS FOR THIS SITE, he said he would check it out.

2/14/2002 Sangesland spoke with John Maltz agian on this site. Mr. Maltz said the tank had been replaced and the site was cleaned up. When Sangesland requested details, Mr. Maltz said that Mina Fuel Oil was handling all details.

When Sangesland again asked Mr. Maltz about the PBS records, the reply was that they did have all the proper permits. Mr. Maltz listed 3 different addresses the building could have been permitted under.... NONE HAD A PBS. Mr. Maltz had no idea what size tank was in the building, nor what size was installed.

See also spill #0109404

6/9/05 Spill case was closed out (cross ref 0109404)

5/9/2006 Sangesland spoke to Suzanne Misson who works with a bank holding an escrow on this property. Sangesland told her that the DEC will not be sending out a "No Further Action Letter", Only a copy of this spill report showing the "Case Closed" Date of 06/09/2005.

If there are any further questions on this subject call- Steven Sangesland, NYSDEC Spills Group at 718-482-6753.

Map Identification Number 25 **162-19 HILLSIDE AVE**
162-19 HILLSIDE AVE

Spill Number: 9407950
JAMAICA, NY NO ZIP PROVIDED

Close Date: 12/19/1994

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (3)
Approximate distance from property: 1465 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: 16219 HILLSIDE AVE
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
Notifier Type: Other
Caller Name: TONY VINCI
DEC Investigator: MCTIBBE

Spiller: UNKNOWN
Notifier Name:
Caller Agency: TYREE BROS. ENV. SVCE
Contact for more spill info:

Spiller Phone:
Notifier Phone:
Caller Phone: (516) 249-3150
Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
11/22/1993	12/19/1994	TANK FAILURE	UNKNOWN		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
WASTE OIL/USED OIL	PETROLEUM	-1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

REMOVED TANK FROM UNDERGROUND, DISPOSED OF SOIL. RANDY AUSTIN WAS CONTACTED ON JULY 1994. AT THIS TIME DID SOIL BORING, GROUND WATER WAS NOT CONTAMINATED.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"
 10/10/95: This is additional information about material spilled from the translation of the old spill file: HYDRALIC FLUID.

Map Identification Number 26 **CONSTRUCTION SITE** **Spill Number: 0510361** **Close Date: 12/29/2005**
 92-20 168TH STREET JAMAICA, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 1879 feet to the E

ADDRESS CHANGE INFORMATION
 Revised street: 9220 168TH STREET
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER Spiller: CHRIS GABRIEL - CONSTRUCTION SITE Spiller Phone: (516) 351-3233
 Notifier Type: Other Notifier Name: BRENDAN BRODERICK Notifier Phone: (631) 584-5492
 Caller Name: BRENDAN BRODERICK Caller Agency: J.P. BRODERICK ASSOC Caller Phone: (631) 584-5492
 DEC Investigator: rvketani Contact for more spill info: CHRIS GABRIEL Contact Person Phone: (516) 351-3233

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
12/01/2005		TANK FAILURE	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	GROUNDWATER

Caller Remarks:

WHILE DOING CONSTRUCTION AT THIS LOCATION FOUND TANKS AND CONTAMINATION:

DEC Investigator Remarks:

12/2/2005

Sangesland spoke to Chris Gabriel at JC Broderick Assoc. (516-351-3233)

He said the site is a vacant lot, construction site of a future Home Depot.

Several buried tanks were found. A contractor from Connecticut pulled the tanks and removed some soil. End point samples came back with some minor hits.

12/5/2005 Chris Gabriel called back with the name/contact for the property owner:

Starwood Ceruzzi LLC

1720 Post Road

Fairfield CT 06824

Attn: Kenneth Cartelli

203-256-4000

Several tanks have been found on the site. So far many tanks have been pulled and are laying on plastic. Various soil piles are also divided up based on if they are contaminated or not.

12/6/05 - Raphael Ketani. I spoke to Chris Gabriel at (631) 584-5492, ext. 22 (cell:(516) 315-9254). He said the previous contractor was EWMA of NJ. Nine (9) tanks have been discovered so far. Grammercy Demolition is doing the excavating. We will meet a 2PM today at the site.

I met with Mr. Gabriel, Senior Environmental Scientist, and Paul Fazio, Project Manager. Mr. Gabriel showed me a site map depicting about 10 former building locations. There were 11 tank sites. I told Mr. Gabriel that the tanks have to be registered and then closed. He said he would do this. The tanks are as follows:

#1 - not found

#2 - 1,000 gal. UST, excavated, removed fuel and water mix

#3 - 500 gal. UST, excavated, former gas tank

#4 - 500 gal. UST, excavated, former gas tank

#5 - not found

#6 - 3,000 gal. UST, excavated, former #2 oil

#7 - 1,000 gal. UST, excavated, former #2 oil EarthCare pumped out all liquids.

#8 - 250 gal. AST, removed

#9A- 10,000gal. AST, removed, motor oil&fuel mix

#9B&C-1,500gal. AST, removed, motor oil&fuel mix

#10 - 500 gal. UST, excavated, oil&water mix

Mr. Garbiel said that the former environmental company was Environmental Waste Management Associates in NJ (973) 560-1400. The

owners are Starwood Ceruzzi, LLC, Fairfield, CT, (203) 256-4000. The site is about 10 acres. Sandy soil is visible all over the site, aside from the C&D rip rap. Some basement walls are still present along the perimeter of the site. Slight odors from the cut up tanks that are still present. I told Mr. Gabriel to have someone cleanup the cut up pieces quickly so that they are not an odor nuisance. He said he would do that. Otherwise, there were no odors on site.

12/7/05 - Raphael Ketani. I reviewed the analytical data for the soil samples taken during 11/05 by the previous consultants, Environmental Waste Management Associates. There was no data for the tank 7 site or the tank 9C site. Additionally, the boring sites 6-1, 6-3, A8, 9A-1, 9A-2, 9A, 9B-1, 9B-2, 8A, 7-2, 7-5, 3-2, 3-3, and 2-5 need further soil removal. I will send Mr. Gabriel of J.C. Broderick a letter stating this and ordering further cleanup.

12/14/05 - Raphael Ketani. Spoke to Mr. Gabriel today. He said they did a total of 7 excavations of soil over 12/12 and 12/13. Total volume was 800 to 900 tons. Contaminated soil is presently stockpiled on site, but will go to a disposal facility in Carteret, NJ once they get permission. The cut up oil tanks have been shipped off site.

12/15/05 - Raphael Ketani. Brian Owen of Environmental Waste Management Associates ((973) 560-1400, ext 150) called to get clarification regarding the soil testing methods. I told him the methods are 8260B and 8270C, and compared to TAGM 4046.

12/16/05 - Raphael Ketani. Mr. Gabriel e-mailed me the summary sheets for the lab analysis of soil samples taken at excavation (former tank) sites: 9B, 9C, and 8. The SVOC values were just above TAGM. I told him he could backfill the pits. Data for sites 6 and 9A weren't sent as the results were below the TAGM, according to Mr. Gabriel.

12/20/05 - Raphael Ketani. I reviewed the December 14, 2005 and December 15, 2005 soil analytical results for former tank sites 2, 3, 8, 9B, and 9C. There were no exceedences of TAGM 4046. I told Mr. Gabriel that he could back fill the pits where the samples were taken.

12/29/05 - Raphael Ketani. Today, I received the Spill Closure Report dated 12/28/05 for the site. I reviewed the report and found the analytical results and the documentation to have met the requirements that the Department had set forth during previous correspondences with J.C. Broderick. I am closing the case based upon the information in this report.

1/17/06 - Raphael Ketani. Chris Gabriel of JC Broderick Assoc. called (516) 315-9254 and requested that an NFA letter be sent to Starwood Ceruzzi. I will send the letter.

Map Identification Number 27 **166-10 ARCHER AVE**
166-10 ARCHER AVE

Spill Number: 9212405
JAMAICA, NY NO ZIP PROVIDED

Close Date: 06/08/1993

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2038 feet to the E

ADDRESS CHANGE INFORMATION

Revised street: 16610 ARCHER AVE
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: BENENSON CAPITAL CO. Spiller Phone: (212) 867-0990
 Notifier Type: Other Notifier Name: Notifier Phone:
 Caller Name: MICHAEL PASKOFF Caller Agency: ALVIN PETROLEUM Caller Phone: (718) 461-4500
 DEC Investigator: SULLIVAN Contact for more spill info: Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
02/02/1993	06/08/1993	TANK FAILURE	UNKNOWN		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	-1.00	UNKNOWN	0.00	UNKNOWN	SOIL

Caller Remarks:

ALVIN PETRO-TO STOCKPILE & COVER -SOIL MECHANICS INC. TO REMOVE AND DISPOSE OF CONTAMINATED SOIL

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

The following DEC Investigator Remarks were available prior to 1/1/2002:

10/10/95: This is additional information about material spilled from the translation of the old spill file: CONTAMINATED SOIL.

Map Identification Number 28 PURAN HOME Spill Number: 0610068 Close Date: 05/18/2007
 168-11 88TH AVE JAMAICA, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 2331 feet to the NE

ADDRESS CHANGE INFORMATION
 Revised street: 16811 88TH AVE
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING Spiller: SHANTA PURAN - PURAN HOME Spiller Phone: (718) 725-1911
 Notifier Type: Other Notifier Name: Notifier Phone:
 Caller Name: Caller Agency: Caller Phone:
 DEC Investigator: JBOUGHT Contact for more spill info: SHANTA PURAN Contact Person Phone: (718) 725-1911

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended		
12/05/2006		TANK FAILURE	NO		NO		
Material Spilled		Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL		PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

OIL LINE IS LEAKING AT ABOVE LOCATION: PETRO OIL ON SCENE

DEC Investigator Remarks:

Joe Cornacchioli Petro - 718-628-3370

Petro tested the suction line - Failed
recheck delivery dates and quantity of oil unaccounted for.

12/08/06-Vought-Called Joe Cornacchioli and left message to return call to DEC. Vought sent general soil contamination letter with one month due date to owner:

Shanta D Puran
168-11 88th Avenue
Jamaica, NY 11432

12/8/06-Vought-Vought spoke to Shanta Puran and she just started working today and money is hard. As such Vought arranged site visit by DEC Rahman for preliminary inspection. Shanta's contact information is home (718-725-1911) and cell (347-754-2803).
12/13/06 Rahman- I made a site inspection on 12/11/06 afternoon to discover any potential oil release because of the suction line failure. The old suction line which failed, runs under shallow near concrete. There was no apparent petroleum odors in the basement. Therefore, I suggested them to take the old line out of the cement and find out if there is any visual/olfactory evidence of contamination present. If no contamination found, a statement from the property owner along with couple of nice pictures of the uncovered suction line area would help to consider the close out of the case.

12/13/06-Vought-Site visit performed by DEC Rahman. No odors or stains in concrete. Supply line is approximately 20' long with 10' running under concrete and 10' running above concrete but under masonry cement (spill would be visible via staining). DEC Rahman called Puran and required her to excavate line. Vought called Puran and she will have concrete broken and call DEC back for site visit to inspect soil.

1/9/06-Vought-Received call from Shanta and concrete was broken and is requesting site visit.

05/18/07 Rec'd closure document from Eastmond. Approx. 40 bags of contaminated soil was disposed, one end point sample was collected from the pit. Results came back VOC/SVOC non detect. Waste disposal manifest was provided. Reviewing case on behalf of

case manager's request. Spill closed.(SR)

Map Identification Number 29 **INTERSTATE BRANDS INC**
168-23 DOUGLAS AVENUE

JAMAICA, NY 11433

Spill Number: 9809392 **Close Date: 01/04/2007**

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 2504 feet to the E

ADDRESS CHANGE INFORMATION

Revised street: 16823 DOUGLAS AVE
Revised zip code: NO REVISION MADE

Source of Spill: NON-MAJOR FACILITY (>1100 GAL)
Notifier Type: Responsible Party
Caller Name: STEVE KLOOS
DEC Investigator: SFRAHMAN

Spiller: STEVE KLOOS - INTERSTATE BRANDS INC
Notifier Name: STEVE KLOOS
Caller Agency: INTERSTATE BRANDS CORP
Contact for more spill info: STEVE KLOOS

Spiller Phone: (718) 262-1555
Notifier Phone: (718) 262-1555
Caller Phone: (718) 262-1555
Contact Person Phone: (718) 262-1555

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
10/27/1998		TANK FAILURE	-	NO	NO

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL
DIESEL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

CALLER REMOVING TANKS ON SITE AND FOUND CONTAMINATION ON TOP OF SLAB OF VAULT - APPEARS A DISPENSER WAS LEAKING - CONTRACTOR ON SITE DOING CLEAN UP

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ROMMEL"
This spill case has been reassigned from DEC (Sigona) to Rommel on 02/02/2004.

DEC (Sigona) called Steve Kloos about site investigation on 10/27/98 requested info on follow-up . Emcon Corp is construction company - Dave Thomkin (201)512-5731.

9/7/06 - Austin - Assigned from Albany to Region 2 staff (Rahman) for review and closure - end
12/13/06 Rahman- I made couple of calls to different persons at Interstate Brands Inc.The concerned spill location is across the main facility(garage).Supervisor of the garage is Joe Tubman,(718)262-1557- he is on vacation.Next to Supervisor is, Mr.

Frank,(718)262-1543.The person who oversees the environmental issues is Lizette Larmong, no contact # available for him.Need to call back them for information about the spill case.

12/14/06 Rahman- A letter was sent to Melissa Miller(Ph:207.286.0873,fax:207.286.0880) after a conversation with her @ INTERSTATE BRANDS CORP.

1 Baker s Way
PO BOX: 8000
Biddeford, ME 04005
Attn: Melissa Miller

01/04/07 Rahman- Rec'd UST closure report from Melissa Miller.In 1998 eight UST were removed that included 3 550 gallon diesel,3 550 gallon gasoline, and 2 4,000 gallon dieselUST's.Approx. 959 gallons of liquid waste and sludge were removed from the tanks.A total of 190.20 tons of contaminated soil was removed from the UST excavations and transported off site for disposal.A total of 18 confirmatory soil samples were collected from the excavations.Results indicate that no contamination in soil/water above NYS DEC guidance values remained in the excavations.In addition, two dry wells and associated contaminated fluids and soil were also removed.Waste disposal manifest, pictures of the tank removal activities were included in the report.A new 10,000 gallon underground tank was installed and is in operation now.NFA required.

Map Identification Number 30 **NY ARMORY OMS-41**
93005 168 STREET

Spill Number: 8907847 **Close Date: 02/13/2003**
JAMAICA, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 2523 feet to the E

ADDRESS CHANGE INFORMATION
Revised street: 9305 168TH STREET
Revised zip code: 11433

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
Notifier Type: Federal Government
Caller Name: S SGT FEIGINBAUM
DEC Investigator: TOMASELLO

Spiller: NY ARMORY OMS-41
Notifier Name:
Caller Agency: US ARMY
Contact for more spill info:

Spiller Phone:
Notifier Phone:
Caller Phone: (718) 739-0421
Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
11/07/1989		TANK FAILURE	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	30.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

1.0 K TANK DISCOVERED LEAKING AFTER ACCIDENT. WILL CALL CLEAN HARBOR TO CLEAN.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 32

161-06 89TH AVE

JAMAICA, NY NO ZIP PROVIDED

Spill Number: 8710881

Close Date: 11/19/1992

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 455 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: 16106 89TH AVE
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
 Notifier Type: Tank Tester
 Caller Name: MIKE HOETZEL
 DEC Investigator: BATTISTA

Spiller: ST. DOMINIC'S CHURCH
 Notifier Name:
 Caller Agency: DONAGEL ENVIRONMENTAL
 Contact for more spill info:

Spiller Phone: (718) 739-2060
 Notifier Phone:
 Caller Phone: (516) 747-3704
 Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
03/29/1988	11/19/1992	TANK TEST FAILURE	2-400165	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	-1.00	POUNDS	0.00	POUNDS	GROUNDWATER

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

5K TANK SYSTEM FAILED PETRO TITE SET UP, GROSS LEAK.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 33

161-06 89TH AVE

Spill Number: 8710862

Close Date: 11/19/1992

JAMAICA, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 455 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: 16106 89TH AVE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
 Notifier Type: Tank Tester
 Caller Name: TIM O'CONNOR
 DEC Investigator: BATTISTA

Spiller: DOMINICAN COMMERCIAL H.S.
 Notifier Name:
 Caller Agency: CAPCO CONSTRUCTION
 Contact for more spill info:

Spiller Phone: (718) 739-2060
 Notifier Phone:
 Caller Phone: (516) 747-3704
 Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
03/28/1988	11/19/1992	TANK TEST FAILURE	2-400165	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	-1.00	POUNDS	0.00	POUNDS	GROUNDWATER

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

3K TANK FAILED WITH A LEAK RATE OF -.922GPH, WILL EXCAVATE AND REPAIR.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 34

DOMINICAN COMMERCIAL HIGH SCHOOL
 161-06 89TH AVE

Spill Number: 0210402

Close Date: 03/23/2006

JAMAICA, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 455 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: 16106 89TH AVE
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER	Spiller: WILSON CHRISTIAN - DOMINICAN HIGH SCHOOL	Spiller Phone: (718) 739-2060 ext. 1
Notifier Type: Responsible Party	Notifier Name:	Notifier Phone:
Caller Name: PHIL FAZIN	Caller Agency: CROWN LEAK DETECTION	Caller Phone: (516) 375-5890
DEC Investigator: MJCRUDEN	Contact for more spill info: CALLER	Contact Person Phone:

Spill Class: KNOWN RELEASE THAT CREATES POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
01/15/2003		TANK TEST FAILURE	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
1N	5000	Horner EZ Check I or II	0.00	UNKNOWN

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SAWYER"

11/13/2003-Vought-Review of letter received by DEC on 9/5/2003 from Sister Helen Zalak (718-739-2060) fax (718-739- Enclosed with letter was PBS registration, PBS fees and tank test results. "Both of our tanks failed and had to be worked on. One tank has been abandoned and filled with slurry and we have changed over to gas. The other tank was repaired where the problem was and no passed the second test". Vought left message with Zalak to find out nature of repair and whether contaminated soil was encountered.

11/14/2003-Vought-Spoke with Zalak. No contamination noted. Contractor is 917-559-5519 (Mark Salamack). One tank 2" fill and vent was installed. Vought called and left message for Mark to return call to DEC.

11/17/2003-Vought-Spoke with Salamack who will be sending in report.

11/20/2003-Vought-Reviewed fax sent from PTC. Soil analyticals shows two soil samples sent for analysis. Soil analyticals show 11670ppb xylenes(SB2), 4770ppb propylbenzene(SB2), 12900ppb 1,3,5-trimethylbenzene(SB2), 41200ppb 1,2,4-trimethylbenzene (SB2) and 23100ppb naphthalene(SB1). Tank was filled by concrete slurry and building now uses natural gas. DEC requires due to sensitive receptor nature of school: 1)excavation of tank 2)collection of endpoint samples 3)disposal manifests 4)detailed observations including school basement/sump observations. Vought called Zalak to explain requirements and left message to return

call to DEC.

12/10/03 - PROJECT TRANSFERRED FROM VOUGHT TO SAWYER

2/3/2006 - letter requested further info prepared and sent.

3/06 - resampled above water table - clean. closed

Map Identification Number 35 **CLOSED-LACKOF RECENT INFO**
 90050 PARSONS BLVD.

Spill Number: 8801087 **Close Date: 03/05/2003**
 NEW YORK CITY, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 587 feet to the SSW

ADDRESS CHANGE INFORMATION

Revised street: 9050 PARSONS BLVD.
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
 Notifier Type: Tank Tester
 Caller Name: MIKE HOETZEL
 DEC Investigator: ADMIN. CLOSED

Spiller: HILLS,BETZ & NASH
 Notifier Name:
 Caller Agency: DONEGAL ENVIRONMENTAL CO.
 Contact for more spill info:

Spiller Phone:
 Notifier Phone:
 Caller Phone: (516) 747-3704
 Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/04/1988		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#4 FUEL OIL	PETROLEUM	-1.00	GALLONS	0.00	GALLONS	GROUNDWATER

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

2,500 GALLON TANK FAILED PETRO-TITE TEST AT A LEAK RATE OF -0.331 GPH.CLOSED DUE TO LACK OF ANY RECENT INFO- DOES NOT MEET ANY CLEANUP REQUIREMENTS.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ADMIN.CLOSED"
03/05/2003- Closed Due To The Nature / Extent Of The Spill Report

Map Identification Number 36 **89-63 163RD ST/NYNEX**
89063 163RD ST

Spill Number: 9108934 **Close Date: 05/02/2000**
JAMAICA, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 707 feet to the ENE

ADDRESS CHANGE INFORMATION
Revised street: 8963 163RD ST
Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING
Notifier Type: Other
Caller Name: S SCHUCK
DEC Investigator: MCTIBBE

Spiller: NY TELEPHONE
Notifier Name:
Caller Agency: F & N
Contact for more spill info:

Spiller Phone:
Notifier Phone:
Caller Phone: (516) 586-4900
Contact Person Phone:

Spill Class: KNOWN RELEASE THAT CREATES A FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/20/1991		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
KEROSENE	PETROLEUM	-1.00	GALLONS	0.00	GALLONS	GROUNDWATER

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

E I & R

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"
SEE FILE

Map Identification Number 37 **QUEENS FAMILY COURT**
 89-14 PARSONS BLVD

JAMAICA, NY 11432

Spill Number: 0101552 **Close Date: 07/26/2006**

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 794 feet to the WNW

ADDRESS CHANGE INFORMATION

Revised street: 8914 PARSONS BLVD
 Revised zip code: NO REVISION MADE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
 Notifier Type: Tank Tester
 Caller Name: RICKIE ROUFF
 DEC Investigator: SFRAHMAN

Spiller:
 Notifier Name: RICKIE ROUFF
 Caller Agency: STATE ENVIRONMENTAL SERV.
 Contact for more spill info: AZZAH NAUASSAH

Spiller Phone:
 Notifier Phone: (718) 265-3355
 Caller Phone: (718) 265-3355
 Contact Person Phone: (212) 897-2674

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/10/2001		TANK TEST FAILURE	NO	NO

NO MATERIAL INFORMATION GIVEN FOR THIS SPILL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
1	10000	Horner EZ Check I or II	0.00	FAIL

Caller Remarks:

tank contained #4 oil.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "RASHID"
 10/24/2003 see notes from spill # 02-02895. closed that spill number and referred to this #.

Mr. Abramo no longer working.

1/21/04 TIPPLE SENT DOCUMENTATION REQUEST

5/11/04 transferred from Tipple to Rashid as per reassignment directive

8/12/05 - Austin - Request from consultant about status of site found that this spill report was assigned to "Reed" (no such person in Division - name put in by mistake by Rashid?). Reassigned, after discussing with Nagi, and Tang, to Rahman (duty officer for today). - end

02/02/06 Sharif// Contact no's are not working. I called fatemeh Ashkan, (718)391-1004 of NYCDDC to find out the status of the site. She said she will call me back after doing research on it.
 06/26/06 Sharif Rahman- Left a messege for Fatemah Askan to follow up on Queens Family Court.
 07/26/06 Rahman-Rec'd investigation summary report prepared by Gem Star. Works performed were- Concrete grade slab removal, Liquid sludge and oil removed from tanks, removal of UST within the vault, removal of underground piping, Sampling around perimeter of vault and four points under slab.A total of 156 ton contaminated soil was removed from the site.VOCs were within TAGM limit. There were some exceedances for SVOCs. A new tank was installed in the vault.Waste disposal manifest were provided.NFA required.

Map Identification Number 38 **163-18 JAMAICA AVE** **Spill Number: 9613230** **Close Date: 09/16/2005**
 163-18 JAMAICA AVE QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 933 feet to the E

ADDRESS CHANGE INFORMATION

Revised street: 16318 JAMAICA AVE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL	Spiller: FRED SPOUR	Spiller Phone:
Notifier Type: Tank Tester	Notifier Name: SAME	Notifier Phone:
Caller Name: MIKE SEPE	Caller Agency: BENLEY & NICOL ENVIRO.	Caller Phone: (516) 586-4900
DEC Investigator: SFRAHMAN	Contact for more spill info: FRED SPOUR	Contact Person Phone: (718) 365-8600

Spill Class: POSSIBLE REL WITH MIN POTENTIAL FOR FIRE OR HAZARD (OR KNOWN REL W/ NO DAMAGE);NO DEC RESP;WILLING RP;CORR ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/07/1997		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
#4 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
	10000	Horner EZ Check I or II	-0.12	UNKNOWN

Caller Remarks:

CALLER STATES AFTER INITIAL TEST OF TANK AT SITE. THE FOLLOWING TEST RESULTS WERE RECORDED.

Caller Remarks:

15,000 GALLON UPLT +.140 GPH. CLOSED DUE TO LACK OF ANY RECENT INFO- DOES NOT MEET ANY CLEAN UP REQUIREMENTS.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ADMIN.CLOSED"
 / / : For More Information Call Andy Fleming At 800 Number.Want To Retest But Must Use 800 Gallons Before
 Retesting.03/06/2003- Closed Due To The Nature / Extent Of The Spill Report

Map Identification Number 40 **SKLAR REALITY CO** **Spill Number: 0109404** **Close Date: 03/15/2005**
 164-22 JAMAICA AVE JAMAICA, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 1227 feet to the E

ADDRESS CHANGE INFORMATION

Revised street: 16422 JAMAICA AV
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER	Spiller: JAHN MALTZ - SKLAR REALITY CO	Spiller Phone: (718) 786-5050
Notifier Type: Local Agency	Notifier Name: DEC	Notifier Phone: (718) 457-1800
Caller Name: WAYNE CARRIER	Caller Agency: MINAS FUEL OIL CO	Caller Phone: (718) 849-3800
DEC Investigator: SMSANGES	Contact for more spill info: JAHN MALTZ	Contact Person Phone: (718) 786-5050

Spill Class: KNOWN RELEASE THAT CREATES POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
12/21/2001		TANK TEST FAILURE	YES		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

caller states he got a call from dec about a tank test failure and was told to get a spill number for it - does not have any further info - will be installing a new tank

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"
 ROSSAN - CALLED ROMEO, DON CARLOS ENVIRONMENTAL,(DEC), ON 12/24/2001, WHO CONFIRM TANK TEST FAILURE. NO PHYSICAL EVIDENCE OF A

DEC Investigator Remarks:

4/12/07 Sent ttf letter to:
 George Fellows
 York College - CUNY
 Buildings and Grounds Dept.
 94-20 Guy R. Brewer Blvd.
 Jamaica, NY 11451

called George Fellows (718)262-2203. Left message to call back. Mr. Fellows called back and left a message at 10 am. The tank was taken out of service. Tank proposal was faxed to him for repair and retest. The facility has one other tank that could be used for heating, but they are currently using natural gas. I called him back at 2:50 pm and left message that ttf letter was sent to him. bf

5/10/07 On 5/9/07, received fax from Abby of Fenley & Nicol Environmental. Fax included tightness test results for failure on 4/11/07 asnd passing rewsults for 5/8/07. Also, "TTF Check Sheet" was included. Recived message from Brian Lanahan of F&N (631)586-4900 ext. 139. Abby is his assistant at ext. 149. NFA. bf

Map Identification Number 42 **162- 19 HILLSIDE AVENUE** **Spill Number: 9405284** **Close Date: 12/19/1994**
 162-19 HILLSIDE AVENUE JAMAICA, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: PARCEL MAPPING (3)
 Approximate distance from property: 1465 feet to the N

ADDRESS CHANGE INFORMATION
 Revised street: 16219 HILLSIDE AVENUE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL	Spiller: 162-19 HILLSIDE AVENUE	Spiller Phone: (516) 249-3150
Notifier Type: Other	Notifier Name:	Notifier Phone:
Caller Name: KOON TANG	Caller Agency: DEC	Caller Phone: (718) 482-4933
DEC Investigator: MCTIBBE	Contact for more spill info:	Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
12/16/1993	12/19/1994	TANK TEST FAILURE	UNKNOWN		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	-1.00	POUNDS	0.00	POUNDS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

OIL CONTAMINATED SOIL FOUND DURING TANK CLOSURE-SITE ASSESSMENT.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"
 10/10/95: This is additional information about material spilled from the translation of the old spill file: SOIL CONTAMINATION.

SEE FILE.

Map Identification Number 43 **CLOSED-LACKOF RECENT INFO** **Spill Number: 9012055** **Close Date: 03/05/2003**
 162-19 HILLSIDE AVENUE JAMAICA, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: PARCEL MAPPING (3)
 Approximate distance from property: 1465 feet to the N

ADDRESS CHANGE INFORMATION
 Revised street: 16219 HILLSIDE AVENUE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL	Spiller: LEE'S PONTIAC	Spiller Phone: (718) 526-1030
Notifier Type: Tank Tester	Notifier Name:	Notifier Phone:
Caller Name: HOWARD GREENBERG	Caller Agency: ALVIN PETROLEUM	Caller Phone: (718) 461-5400
DEC Investigator: ADMIN. CLOSED	Contact for more spill info:	Contact Person Phone:

Spill Class: KNOWN RELEASE THAT CREATES A FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/19/1991		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	-1.00	POUNDS	0.00	POUNDS	GROUNDWATER

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

550GAL TANK FAILED 10LB AIR PRESSURE TEST,SYSTEM TEST,UNKNOWN ACTION, MAY REMOVE TANK.

CLOSED DUE TO LACK OF ANY RECENT INFO - DOES NOT MEET ANY CLEANUP REQUIREMENTS.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 44 **APARTMENT BLDG. TTF** **Spill Number: 0500521** **Close Date: 05/04/2006**
 164-30 HILLSIDE AVE JAMAICA, NY 11432

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 1520 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: 16430 HILLSIDE AVE.
 Revised zip code: NO REVISION MADE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER	Spiller: MARNON JOSEPH - APARTMENT BLDG.	Spiller Phone: (646) 772-7949
Notifier Type: Tank Tester	Notifier Name: MARNON JOSEPH	Notifier Phone: (646) 772-7949
Caller Name: MARNON JOSEPH	Caller Agency: PETROLIUM TANK CLEANERS	Caller Phone: (646) 772-7949
DEC Investigator: SFRAHMAN	Contact for more spill info: MARNON JOSEPH	Contact Person Phone: (646) 772-7949

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/12/2005		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	GROUNDWATER

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
	15000	Horner EZ Check I or II	0.00	UNKNOWN
The following tank was deleted from the reported data. Data reflects last reported information.				
	15000	Horner EZ Check I or II	0.00	UNKNOWN

Caller Remarks:

Tank test failure. This is an above liquid leak. The owners will have to have the tank pumped so they can do an isolation test to find the leak. Caller says one of the lines is leaking... unsure where it is. Unsure of the extent of the release. Need to investigate further.

DEC Investigator Remarks:

need to send a ttf letter.
 04/13/05-SR// A letter was sent.
 Mr. Mario Melvoi, 718-721-5289 of 164 Realty Associate, he is the contact person.
 06/28/05-SR//Eastmond took out small contaminated area, will send DEC documentation.
 10.19.05 Sharif- I spoke with Issac of Eastmond this morning.They are going to abandon the tank in place and install a new aboveground tank. I suggested to take soil samples by installing borings around the tank. He will send paper works to DEC.
 05/04/06 Sharif Rahman- No PBS application has been filed for new tank registration.Case has been refered to ECO for law enforcement.
 The UST was closed in place.There was a crack found in return line at the foundation wall where it enters the building.Contaminated debri was removed.End point sample shows no indication of voc/svoc presence.Spill is closed.

Map Identification Number 45 **N Y TEL** **Spill Number: 9109999** **Close Date: 08/23/2004**
 88-11 165TH ST JAMAICA, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: PARCEL MAPPING (3)
 Approximate distance from property: 1543 feet to the NNE

ADDRESS CHANGE INFORMATION
 Revised street: 8811 165TH ST
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL	Spiller:	Spiller Phone:
Notifier Type: Tank Tester	Notifier Name:	Notifier Phone:
Caller Name: S SCHUCK	Caller Agency: F & N	Caller Phone: (516) 586-4900
DEC Investigator: SMSANGES	Contact for more spill info:	Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
12/19/1991		TANK TEST FAILURE	NO		NO	

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
#2 FUEL OIL	PETROLEUM	-1.00	GALLONS	0.00	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

E I & EXAMINE LEAK SOURCE

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"
8/23/2004 Sangesland reviewed a package of information submitted by John Quatralo of Verizon.

At the time of the spill report, the property was leased by New York Telephone (Verizon New York). The tank initially failed it's tank test on 12/19/91. The tank was isolated and retested and passed 2/20/92. The piping was replaced in March '92 and system passed.

Map Identification Number 46 **TABERNACLE OF PRAYER** **Spill Number: 0112070** **Close Date: 04/06/2004**
90-07 MERRICK BLVD JAMAICA, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (3)
Approximate distance from property: 1588 feet to the ENE

ADDRESS CHANGE INFORMATION

Revised street: 9007 MERRICK BLVD
Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER	Spiller: JEAN JOSEPH - TABERNACLE OF PRAYER	Spiller Phone: (718) 657-4210
Notifier Type: Tank Tester	Notifier Name: A RODRIQUEZ	Notifier Phone: (631) 321-4670
Caller Name: JIM DONELAN	Caller Agency: PRO TEST ENTERPRISES	Caller Phone: (631) 321-4670
DEC Investigator: CESAWYER	Contact for more spill info: JEAN JOSEPH	Contact Person Phone: (718) 657-4210

Spill Class: KNOWN RELEASE THAT CREATES POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/22/2002		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

The following tank was deleted from the reported data. Data reflects last reported information.

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
1	2000	Unknown	0.00	UNKNOWN

Caller Remarks:

NO CALL BACK REQUESTED.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SAWYER"
1/5/04-Vought-Spill transferred from Vought to Austin.

1/27/04 - Sawyer - Spill transferred from Austin to Sawyer.

4/05/04 - Sawyer - Tank test passed on 4/12/02 and received in PBS section on 4/24/02. Closed.

Map Identification Number 47 **168 JAMAICA AVE/QUEENS** **Spill Number: 8709257** **Close Date: 11/05/1993**
168 JAMAICA AVE NEW YORK CITY, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1918 feet to the ENE

ADDRESS CHANGE INFORMATION

Revised street: 16636 JAMAICA AVENUE
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL	Spiller: MAKIQU CORP	Spiller Phone: (718) 875-1960
Notifier Type: Tank Tester	Notifier Name:	Notifier Phone:
Caller Name:	Caller Agency:	Caller Phone:
DEC Investigator: BATTISTA	Contact for more spill info:	Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
01/30/1988	11/05/1993	TANK TEST FAILURE	2-318949	NO	NO

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
#2 FUEL OIL	PETROLEUM	-1.00	UNKNOWN	0.00	UNKNOWN	GROUNDWATER

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

WILL EXCAVATE, ISOLATE AND RETEST.CONTACT: ALBERT CORWIT 718-875-1960

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.**The following DEC Investigator Remarks were available prior to 1/1/2002:**

12/06/88: 3K TANK FAILED WITH A LEAK RATE OF -.374GPH, WILL CHANGE LINES, RELINE TANK.

11/05/93: 3K TANK FAILED WITH A LEAK RATE OF -.374GPH, WILL CHANGE LINES, RELINE TANK. GND SERVICE RETESTED AND PASSED 3/2/89.

Map Identification Number 48

94-01 150TH ST

JAMAICA, NY NO ZIP PROVIDED

Spill Number: 9909545**Close Date: 12/09/2003**

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 1953 feet to the SSW

ADDRESS CHANGE INFORMATION

Revised street: 9401 150TH ST

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Tank Tester

Caller Name: PHIL FAZIN

DEC Investigator: SIGONA

Spiller: COMPTMP PROCESSING, INC.

Notifier Name: PHIL FAZIN

Caller Agency: CROWN LEAK DETECTION

Contact for more spill info: HERMAN

Spiller Phone:

Notifier Phone: (516) 939-2959

Caller Phone: (516) 939-2959

Contact Person Phone: (718) 523-2470

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/05/1999		TANK TEST FAILURE	NO	NO

NO MATERIAL INFORMATION GIVEN FOR THIS SPILL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
001	5000	Horner EZ Check I or II	0.00	UNKNOWN

Caller Remarks:

WILL UNCOVER AND TEST THE LINES AND RETEST

2-211818 / 002 / 5000 / HORNER EZ CHECK III / FAIL - DEC REP ON SITE

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

The following DEC Investigator Remarks were available prior to 1/1/2002:

DEC SIGONA RECEIEVED copy of a letter to Ben Conlon providing information on the tank remediation January 7, 2000.

Performed site investigation. Facility manager agreed to remove the USTs and performed site assessment. Site assessment and tank closure performed by Luzon. Report was submitted to DEC Sigona on October 27, 2000. Also see Spill No. 0007232

Map Identification Number 49 **NYNEX** **Spill Number: 9108734** **Close Date: 10/07/1997**
 95-40 TUCKERTON STR. JAMAICA, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 2145 feet to the SSW

ADDRESS CHANGE INFORMATION
 Revised street: 9540 TUCKERTON STR.
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL	Spiller: NYNEX	Spiller Phone:
Notifier Type: Tank Tester	Notifier Name:	Notifier Phone:
Caller Name: M	Caller Agency: KESSINGER	Caller Phone: (516) 586-4900
DEC Investigator: MCTIBBE	Contact for more spill info:	Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/15/1991		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
#2 FUEL OIL	PETROLEUM	-1.00	GALLONS	0.00	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

3K/PETROTITE/GROSS LEAK/SYSTEM TEST; E I & R

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"
SEE FILE.

Map Identification Number 50 **9540 TUCKERTON ST/QUEENS** **Spill Number: 9003131** **Close Date: 06/18/1991**
 9540 TUCKERTON STREET NEW YORK CITY, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 2145 feet to the SSW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL	Spiller: UNKNOWN	Spiller Phone:
Notifier Type: Tank Tester	Notifier Name:	Notifier Phone:
Caller Name: JODY GARONE	Caller Agency: TONE TANK & PUMP	Caller Phone: (718) 331-5003
DEC Investigator: SULLIVAN	Contact for more spill info:	Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/18/1990	06/18/1991	TANK TEST FAILURE	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	-1.00	UNKNOWN	0.00	UNKNOWN	GROUNDWATER

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

550 GAL TANK FAILED AIR PRESSURE TEST, WILL REPAIR & RETEST.

 DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 51

BUSINESS

88-09 148TH STREET

JAMAICA, NY NO ZIP PROVIDED

Spill Number: 0514082

Close Date: 03/13/2007

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 2268 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: 8809 148TH STREET

Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER

Notifier Type: Tank Tester

Caller Name: AMY TOY

DEC Investigator: HRPATEL

Spiller: RACHEAL ADOMEN - BUSINESS

Notifier Name: AMY TOY

Caller Agency: ADVANCED TANK

Contact for more spill info: RACHEAL ADOMEN

Spiller Phone: (631) 462-5866

Notifier Phone: (800) 440-8265

Caller Phone: (800) 440-8265

Contact Person Phone: (631) 462-5866

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/09/2006		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
1	5000	Horner EZ Check I or II	0.00	UNKNOWN
The following tank was deleted from the reported data. Data reflects last reported information.				
1	5000	Horner EZ Check I or II	0.00	UNKNOWN

Caller Remarks:

recommend isolate

 DEC Investigator Remarks:

03/09/06 Feroze. PBS case of this site is #2-196797. TTF is sent to :

JAMAIC ASSOCIATES
88-09 Realty Co.
88-09 148th Street
Jamaica, NY 11435.

Attn: Super Facility Manager.

03/15/06. Spill is transferred from Feroze to Kumer patel.

03/28/06-Hiralkumar Patel. Spoke with Racheal Adomen. She doesn't have tank test results as she is working as consultant for potential buyer. she doesn't know anything about current owner's information or isolation test on site. she can call her client and may get current owner's information. she will call back with this information. and somebody from her office will send me tank test results in email.

FAX for RAcheal: (631) 462-5877.

from property shark, found owner name and address as below:

Michael J Savino
111-32 76 Avenue
Queens NY 11375

PH. (718) 263-8707
FAX (718) 263-7816

as per Michael, property has UST. on his request, sent out copy of TTF through fax.

03/31/06-Hiralkumar Patel. Spoke at ATS and operator told me that nobody has done isolation test on site. Left message for Michael. spoke with Michael. as per him, when Advanced Tank did tank test, at that time vent pipe was broken and they haven't done any isolation test. so he thinks problem is with vent line. they have repaired this vent line and in couple of days they will do isolation test. Michael will call me with test results once he gets it. as per Michael, they only use oil when temperature goes below 15 degree, otherwise they are using gas. and they haven't noticed any loss of oil while they are running gas for last few weeks.

04/04/06-Hiralkumar Patel. Received call from Michael. as per Mike, they are measuring oil level in tank and it is steady at 25.8 cm from last 3-4 days. he will cotact someone and will do tank test and send final report.

04/17/06-Hiralkumar Patel. Received fax from Jerry Lefkowitz, Attorney representing owner, on Apr. 10. i was out for EVOC training. as per Mr. Lefkowitz, he is requesting deadline extension to May 26, 2006. Left message for Michael. Spoke with Mr. Lefkowitz and told him that he doesn't need deadline extension in written if i am getting updates on weekly basis. Spoke with Michael. as per him there is no drop in level inside the tank. told him that he can submit test results showing tank system is tight by May 25, 2006.

05/05/06-Hiralkumar Patel. Received call from Rene from Eastmond. they are doing isolation test and will call back once he gets test results.

05/10/06-Hiralkumar Patel. Received message from Mike Savino. Spoke with Mike. as per him, Eastmond found that tank is ok during isolation test. they found that fill line and vent pipe needs work. Mr. Savino is contacting other companies for work proposal. Left message for Rene.

05/11/06-Hiralkumar Patel. Left message for Rene.

05/15/06-Hiralkumar Patel. Received fax from Mr. Savino. fax contains copy of letter from Rene from Eastmond about tank only test result and estimates for further work. as per Eastmond letter, tank was passed the test but fill and vent lines needs further work. Eastmond submitted proposal for fill and vent line replacement.

05/16/06-Hiralkumar Patel. Received call from Isaac. they have submitted proposal for further work, but haven't heard from owner. also he hasn't got payment for previous isolation test work.

06/05/06-Hiralkumar Patel. Left message for Isaac. Left message for Mr. Savino.

07/06/06-Hiralkumar Patel. Left message for Mr. Savino.

07/28/06-Hiralkumar Patel. spoke with operator at Mr. Savino's office. as per her, they sold this property in May 2006. Left message for Mr. Savino.

New Owner: Urban American (201-553-9800). left message for Ms. Ann. received call from Mr. Savino. he will call new owner and asked to contact department.

07/31/06-Hiralkumar Patel. Mr. Savino's lawyer gave phone number for purchaser's lawyer.

Peter Koffler
(212) 806-5686

08/07/06-Hiralkumar Patel. left message for property manager.

08/10/06-Hiralkumar Patel. received message from Ann (201-553-9800 Ext. 48), property manager. Hydrotech is working to send required documents to the department.

09/06/06-Hiralkumar Patel. spoke with Ann Heath at Grand Review LLC. they will send documents showing work details at fill and vent lines. asked Ms. Heath to investigate along fill line as Eastmond stated that fill line need further work. Ms. Heath will submit documents within 30 days.

10/02/06-Hiralkumar Patel. spoke with Ann. they have hired Eastmond for soil investigation. Eastmond is waiting for permit from DOT. Ann will call back with dates when Eastmond will start working at site.

10/10/06-Hiralkumar Patel. received message from Ann (Cell: 201-726-7342). she hasn't got final schedule from Eastmond regarding soil investigation along fill line.

10/13/06-Hiralkumar Patel. received message from Ann (Ph. 201-537-5148). they got permit from DOT and she wants to discuss scope of work. left message for Ann to submit work plan as the Department never received such plan. received fax from Ms. Heath with proposed work plan.

11/02/06-Hiralkumar Patel. left message for Ms. Heath.

11/10/06-Hiralkumar Patel. left message for Ms. Heath.

11/13/06-Hiralkumar Patel. received message from Ms. Heath. she hasn't got schedule from Eastmond for required work.

11/28/06-Hiralkumar Patel. received message from Ms. Heath. Eastmond will start work tomorrow. left message for Ms. Heath to send final report at end of work.

01/05/07-Hiralkumar Patel. left message for Ms. Heath.

01/09/07-Hiralkumar Patel. received message from Ms. Heath. as per her, Rene from Eastmond has finished all work and waiting for sample analyticals from lab. once they get it, Eastmond will forward it to the Department.

02/13/07-Hiralkumar Patel. received call from Rene. they took two samples from site and found no contamination. he found leak in coupling on top of tank and no contaminated soil anywhere. asked Rene to send letter report with sample analyticals, site plan, copy of job tickets etc.

02/14/07-Hiralkumar Patel. received fax from Rene. fax doesn't include final tank test result. previously Eastmond found fill and vent line leak during isolation test. Rene mentioned in fax that they replaced coupling but no word whether other part of fill line has checked or not. left message for Rene and asked him to run tank test after such repair.

03/02/07-Hiralkumar Patel. spoke with Rene. he found leak in coupling on top of tank on fill line. no leak found anywhere else in fill line. no contamination found anywhere. asked Rene to send tank test result (after repair) and statement on site observation (about contamination).

03/13/07-Hiralkumar Patel. received statement from Rene about no contamination found along fill line and original leak was in coupling on fill line on tank.
based on available documents, case closed.

Map Identification Number 52 **AMOCO**
165-25 LIBERTY AVE

Spill Number: 9411833 **Close Date: 12/21/1994**
ST ALBANS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2343 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: 16525 LIBERTY AVE
Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION
Notifier Type: Tank Tester
Caller Name: DON CHAPIN
DEC Investigator: MCTIBBE

Spiller: SAME
Notifier Name:
Caller Agency: TANKNOLOGY
Contact for more spill info:

Spiller Phone: (718) 658-4300
Notifier Phone:
Caller Phone: (800) 666-2605
Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved		Meets Cleanup Standards		Penalty Recommended
12/05/1994	12/21/1994	TANK TEST FAILURE	2-241865		UNKNOWN		NO
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected	
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL	

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
001		Unknown	0.00	UNKNOWN
002		Unknown	0.00	UNKNOWN

Caller Remarks:

SUSPECT REMOTE FILL, TO FURTHER INVEST ISO & RETEST. TIGHTENED, NO CONTAMINATION FOUND, RETESTED & PASSED. -12/21/94 11 AM SPOKE TO MIKE ALVIN. 3" UNION

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE" REFER TO 99-13468. SEE ALSO 98-15187, 88-04863.

Map Identification Number 53 **CHECKER SERVICE STA. INC**
165-25 LIBERTY AVE

Spill Number: 8804863 **Close Date: 10/12/1988**
ST ALBANS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2343 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: 16525 LIBERTY AVE
Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION
Notifier Type: Tank Tester
Caller Name: HOWARD GREENBERG
DEC Investigator: MCTIBBE

Spiller: CHECKER SERVICE STA INC
Notifier Name:
Caller Agency: ALVIN PETROLEUM
Contact for more spill info:

Spiller Phone: (718) 978-7046
Notifier Phone:
Caller Phone: (718) 461-5400
Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
09/01/1988	10/12/1988	TANK TEST FAILURE	2-241865	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	-1.00	POUNDS	0.00	POUNDS	GROUNDWATER

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

4K TANK FAILED PETRO TITE, COULDN'T HOLD PRODUCT, WILL EXCAVATE AND INVESTIGATE.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"
REFER TO 99-13468. SEE ALSO 98-15187, 94-11833. TRANSFERED FROM GRATHWOL TO TIBBE ON 02/14/01.

Map Identification Number 54 **168-23 DOUGLAS AVE/QUEENS**
168-23 DOUGLAS AVENUE

Spill Number: 8800582
NEW YORK CITY, NY NO ZIP PROVIDED

Close Date: 11/05/2001

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 2504 feet to the E

ADDRESS CHANGE INFORMATION

Revised street: 16823 DOUGLAS AVE
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
Notifier Type: Tank Tester
Caller Name: H. GREENBERG
DEC Investigator: TOMASELLO

Spiller: CONTINENTAL BAKING
Notifier Name:
Caller Agency: ALVIN PETROLEUM
Contact for more spill info:

Spiller Phone:
Notifier Phone:
Caller Phone: (718) 461-5400
Contact Person Phone:

Spill Class: KNOWN RELEASE THAT CREATES A FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved		Meets Cleanup Standards		Penalty Recommended
04/18/1988	11/05/2001	TANK TEST FAILURE	2-452599		YES		NO
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected	
DIESEL	PETROLEUM	-1.00	POUNDS	0.00	POUNDS	GROUNDWATER	

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

(2) 4K TANKS MANIFOLDED TOGETHER FAILED WITH A LEAK RATE OF -.165GPH, WILL EXCAVATE AND INVESTIGATE.

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

The following DEC Investigator Remarks were available prior to 1/1/2002:

05/02/88: (2) 5K TANKS WITH AN UNREADABLE LEAK RATE, INITIAL SYSTEM HORNER EZY TEST (4/28/88) 16:00, WILL EXCAVATE & ISOLATE, 3RD TANK TEST AT SITE, WILL EXCAVATE & ISOLATE.

11/05/01: MF-R9 T/C ALVIN PETROLEUM, 718-482-9800, MIKE PASKOFF, NO RECORD OF ANY TT AT DOUGLAS AVE. NO ONE RECALLS TT AT THIS LOCATION. NO FURTHER ACTION POSSIBLE.

Map Identification Number 55 **NYS ARMORY** **Spill Number: 9702878** **Close Date: 10/20/2006**
 93-05 168TH ST JAMAICA, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 2523 feet to the E

ADDRESS CHANGE INFORMATION
 Revised street: 9305 168TH ST
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
 Notifier Type: Responsible Party
 Caller Name: JERRY KASPER
 DEC Investigator: LXZIELIN

Spiller: HOWARD BERNARD - NYS ARMORY
 Notifier Name: MATT MATCHETTE
 Caller Agency: CROMPCO CORPORATION
 Contact for more spill info: HEIDI GABEL-UNWIN

Spiller Phone: (518) 792-2230
 Notifier Phone: (800) 646-3161
 Caller Phone: (800) 646-3161
 Contact Person Phone: (518) 786-4347

Spill Class: KNOWN RELEASE THAT CREATES POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved		Meets Cleanup Standards		Penalty Recommended
06/06/1997		TANK TEST FAILURE	0-000000		NO		NO
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected	
DIESEL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL	

Caller Remarks:

TANK TEST FAILURE GENERAL FAILURE FAIL TEST TANK IS OUT OF SERVICE WILL ISOLATE PIPING AND RETEST TANK

DEC Investigator Remarks:

10/20/06 - Zielinski

Based on information, received 10/19/06 and attached to eDocs, the case has been closed.

10/19/06 - Zielinski

Visited the site. Two tanks was removed in 1999. Talked to Heidi Unwin of NYS Division of Military and Naval Affairs; she faxed documents supporting the closing of the spill.

- a letter of 07/20/1999 from NYS Exectutive Department stating that "two UST were removed with surrounding material and properl disposed of."

- the site Assessment Summary Report by Abra Consulting and Contracting, dated May 18, 1999, stating "The results of the soil samples warrant no further action."

- a PBS application, dated 4/28/1999, requesting the close of two tanks.

- a letter from Abra Consulting , dated March 28, 19999, informing that two USTs would be decomissioned and soil samples taken.

- a certificate of affidavit that two USTs were filled with concrete slurry and all lines removed.

- field boring locations.

- Petroleum Tank Cleaners, Inc., work descriptions.

- a non- hazardous waste manifest.

- photo documentation.

09/05/06 -Zielinski

This spill case reassigned from Central Office to Region 2.

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ROMMEL"

03/03/2003- AUSTIN As per directive to close out spills with no recent history, close out.

02/18/04 - TRANSFERED FROM TOMASELLO TO TIBBE. SPILL REOPENED BECAUSE A FILE EXISTS.

4/12/04-Vought-Spill transferred from Tibbe to Rommel as per Rommel.

10/05- records show clean up was started in 1999. However, follow-up phone calling did not result in the conclusive evidence that all clean up work was completed.
Additional communication with the consultant and possible site visit required to close spill.

6/21/06 Transferred to T Knizek

Map Identification Number 56 **93-05 168TH ST/NYS ARMORY** **Spill Number: 8806449** **Close Date: 10/07/1992**
93-05 168TH STREET NEW YORK CITY, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 2523 feet to the E

ADDRESS CHANGE INFORMATION

Revised street: 9305 168TH STREET
Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
Notifier Type: Tank Tester
Caller Name: JEFF HAMMOND
DEC Investigator: BATTISTA

Spiller: NYS/OGS
Notifier Name:
Caller Agency: PCA ENGINEERING
Contact for more spill info:

Spiller Phone: (315) 386-4578
Notifier Phone:
Caller Phone: (201) 427-8547
Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
11/01/1988	10/07/1992	TANK TEST FAILURE	2-391964	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	-1.00	POUNDS	0.00	POUNDS	GROUNDWATER

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

7.5K TANK SYSTEM FAILED PETRO TITE TEST WITH A LEAK RATE OF -.220GPH.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 57 **95-04 149 ST** **Spill Number: 8804089** **Close Date: 09/30/1992**
 95-04 149 ST NEW YORK CITY, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 2600 feet to the SSW

ADDRESS CHANGE INFORMATION
 Revised street: 9504 149TH ST
 Revised zip code: 11435

Source of Spill: COMMERCIAL/INDUSTRIAL	Spiller:	Spiller Phone:
Notifier Type: Tank Tester	Notifier Name:	Notifier Phone:
Caller Name: MIKE HOETZEL	Caller Agency: DONEGAL ENVRNMNTL	Caller Phone: (516) 747-3704
DEC Investigator: BATTISTA	Contact for more spill info:	Contact Person Phone:

Spill Class: KNOWN RELEASE THAT CREATES POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
08/09/1988	09/30/1992	TANK TEST FAILURE	2-249955	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#4 FUEL OIL	PETROLEUM	-1.00	GALLONS	0.00	GALLONS	GROUNDWATER

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

10K TANK, GROSS LEAK, INIT SYS PETRO-TITE. REPAIR & RETEST.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.



CLOSED STATUS UNKNOWN CAUSE SPILLS AND OTHER CAUSE SPILLS IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS

Please Note: * - Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 58 **MANHOLE 2351** **Spill Number: 0604855** **Close Date: 11/15/2006**
 90 AVENUE & 161 STREET QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 195 feet to the N*

ADDRESS CHANGE INFORMATION

Revised street: 90TH AVE / 161ST ST
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: CON EDISON Spiller Phone:
 Notifier Type: Responsible Party Notifier Name: Notifier Phone:
 Caller Name: Caller Agency: Caller Phone:
 DEC Investigator: GDBREEN Contact for more spill info: ERTS Contact Person Phone: (212) 580-8383

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
07/28/2006		UNKNOWN	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

1 PINT UNKNOWN OIL. NO TO ALL 5 QUESTIONS. CON ED REF #201478

DEC Investigator Remarks:

11/15/06 - See e-docs for Con Ed report detailing cleanup and closure.

201478. see eDocs

Map Identification Number 59 **160TH ST & JAMAICA AVE**
 160TH ST & JAMAICA AVE

Spill Number: 9313800
 QUEENS, NY NO ZIP PROVIDED

Close Date: 12/31/2002

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 421 feet to the SSE

ADDRESS CHANGE INFORMATION

Revised street: 160TH ST / JAMAICA AVE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
 Notifier Type: Federal Government
 Caller Name: ALICE
 DEC Investigator: SJMILLER

Spiller: UNK
 Notifier Name:
 Caller Agency: DEP
 Contact for more spill info:

Spiller Phone:
 Notifier Phone:
 Caller Phone: (718) 595-6777
 Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
02/23/1994		UNKNOWN	YES		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	-1.00	POUNDS	0.00	POUNDS	SOIL

Caller Remarks:

OIL IS COMING OUT OF GROUND AT HER BUSINESS.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MILLER"
 10/10/95: This is additional information about material spilled from the translation of the old spill file: OIL COMING ST.BLOCKS.
 MILLER CLOSED SPILL DUE TO LACK OF INFORMATION.

Map Identification Number 60 **MANHOLE #724**
 JAMACIA AVE & 162 ST

Spill Number: 0202259
 QUEENS, NY NO ZIP PROVIDED

Close Date: 08/21/2002

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 522 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: JAMAICA AVE / 162ND ST
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN	Spiller: UNKNOWN - UNKNOWN	Spiller Phone:
Notifier Type: Affected Persons	Notifier Name: MR REIDY	Notifier Phone: (212) 580-6765
Caller Name: MARK SCHLAGEL	Caller Agency: CON EDISON	Caller Phone: (212) 580-6763
DEC Investigator: JHOCONNE	Contact for more spill info:	Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
06/02/2002		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

1 pt unk oil on 100 gal water in manhole - samples taken and clean up pending - earthen sump in the hole - con ed #143123

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
e2MIS no. 143-123:

6/2/02 09:55 HRS.

R. SEIDLER #54605, SR. FIELD OPERATOR WITH FOD, REPORTS WHILE LOCATING FAULT ON FEEDER 5Q35 AT 09:30 HRS. FOUND APPROX. 1 PT.

UNKNOWN OIL ON APPROX. 100 GAL. WATER IN MH-724. SPILL APPEARS TO BE CONTAINED. NO SEWERS OR WATERWAYS APPEAR TO BE AFFECTED. NO PRIVATE PROPERTY AFFECTED. NO FIRE/SMOKE INVOLVED. ENV. STOP TAG #30438 PLACED. LIQUID SAMPLE TAKEN ON "E" PRIORITY TURNAROUND. CHAIN OF CUSTODY FORM # CC-02068 MARKED FOR D.E.C. 24-HOUR DEMINIMIS PROGRAM. CLEANUP PENDING PCB RESULTS FROM CHEM LAB.

02-JUN-2002 1500HRS LAB RESULTS RETURNED LSN# 02-05085-001 <1.00PPM.

UPDATE: 02-JUN-2002 1630HRS AHLUWALIA ENVIROMENTL OPS REPORTS FOUND EATHREN SUMP IN STRUCTURE.

UPDATE: 02- JUN- 2002 2000HRS AHLUWALIA REPORTS DOUBLE WASHED WITH BIO GEN 760 REMOVED ALL LIQUIDS. SEALED SUMP.

PULLED TAG BUT IT WAS SUCKED UP BY VACTOR. JOB COMPLETE 100%

Map Identification Number 61 **SB 27693**
162ND ST/JAMAICA AVE

Spill Number: 0004929 **Close Date: 10/23/2001**
QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 522 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN	Spiller: UNKNOWN	Spiller Phone:
Notifier Type: Other	Notifier Name: MR LAHOMES	Notifier Phone:
Caller Name: STEVE ROMERO	Caller Agency: CON EDISON	Caller Phone: (212) 580-6763
DEC Investigator: JHOCONNE	Contact for more spill info: STEVE ROMERO	Contact Person Phone: (212) 580-6763

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
07/25/2000		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

1 QT OIL ON 3 GALS WATER CONTAINED IN SERVICE BOX. CLEAN UP PENDING. CON ED 132-550

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
Con Ed e2mis Notes:

7/25/00 1pint unknown oil on 3gal water in service box. Sample returned 3ppm PCB. Cleanup completed by double washing with slix. Waste products generated were removed by diapers, coagulant, and vactor. No leaking company equipment.

Map Identification Number 62 **MANHOLE #2659**
89TH AVE & 161 ST

Spill Number: 0206109 **Close Date: 11/13/2002**
QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 565 feet to the NNW

ADDRESS CHANGE INFORMATION
Revised street: 89TH AVE / 161ST ST
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN	Spiller: UNKNOWN - UNKNOWN	Spiller Phone:
Notifier Type: Affected Persons	Notifier Name: CHRIS	Notifier Phone:
Caller Name: KEVIN MCCARDLE	Caller Agency: CON EDISON	Caller Phone: (212) 580-6763
DEC Investigator: JHOCONNE	Contact for more spill info:	Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
09/12/2002		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

2 Oz of unk oil on approx 1 quart of water in the manhole - a sump
hole was found in the manhole - samples have been taken
17 ppm pcb - -
con ed #145012

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
e2mis no. 145-012:

9/12/02 10:15 HRS.

E. STEWART #14304 OF QUEENS CABLE REPORTS AT 10:00 HRS. FOUND APPROX. 2 OZ. UNKNOWN OIL ON APPROX. 1 QT. WATER IN MH-2659.

SPILL APPEARS TO BE CONTAINED. NO SEWERS OR WATERWAYS APPEAR TO BE AFFECTED. NO PRIVATE PROPERTY AFFECTED. NO FIRE OR SMOKE INVOLVED. ENV. STOP TAG #06770 PLACED. LIQUID SAMPLE TAKEN ON "E" PRIORITY TURNAROUND.

UPDATE 12-SEP-2002 2020HRS LAB RESULTS RETURNED . LSN # IS 02-08514-001 17PPM.

Update - 9/12/02 2159hrs

P. Rosado, env. ops mechanic reports while cleaning structure found earthen sump. Removing from 24hr program.

Update - 9/12/02 2315hrs

P. Rosado, env. ops reports double washed structure with 760 biogen. Found earthen sump which he cemented. No leaking co. equipment found. Removed env. stop tag with vactor. Clean up completed.

Map Identification Number 63

JAMAICA AV & GUY BREWER

QUEENS, NY NO ZIP PROVIDED

Spill Number: 9902115

Close Date: 03/03/2003

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 682 feet to the E

ADDRESS CHANGE INFORMATION

Revised street: JAMAICA AVE / GUY R BREWER BLVD
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
 Notifier Type: Responsible Party
 Caller Name: MICHAEL KOWALSKI
 DEC Investigator: TOMASELLO

Spiller: NYC DEP
 Notifier Name:
 Caller Agency: DEP NYC
 Contact for more spill info: MICHAEL KOWALSKI

Spiller Phone:
 Notifier Phone: (718) 529-1210
 Caller Phone: (718) 372-7193
 Contact Person Phone: (718) 372-7193

Spill Class: KNOWN RELEASE THAT CREATES POTENTIAL FOR FIRE OR HAZARD;HIGHLY IMPROBABLE

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
05/24/1999		OTHER	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
RAW SEWAGE	OTHER	0	GALLONS	0	GALLONS	SURFACE WATER

Caller Remarks:

COLLAPSED SEWER LINE IS CAUSING A BIPASS INTO JAMACIA BAY

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 64 **MH #17730**
 89TH AVE & PARSONS BLVD

Spill Number: 0003182 **Close Date: 04/07/2004**
 QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 693 feet to the WNW

ADDRESS CHANGE INFORMATION
 Revised street: 89TH AVE / PARSONS BLVD
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN	Spiller: UNKNOWN	Spiller Phone:
Notifier Type: Affected Persons	Notifier Name: MR TOJEIRA	Notifier Phone:
Caller Name: MARK SCHLAGEL	Caller Agency: CON EDISON	Caller Phone: (212) 580-6763
DEC Investigator: JHOCONNE	Contact for more spill info:	Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
06/14/2000		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

Caller reporting an unknown oil found in manhole on 3 gals of water. Samples taken and clean up pending results.

Con Ed #131846.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
 Con Ed e2mis #131846:

6/14/00 1gal unknown oil found on 3gal water in MH 17730.

6/14/00 1625hrs

PCB result 68ppm

6/15/00 1735hrs

Structure double washed and sump samples taken for PCBs, SVOCs and VOCs. Sump sealed with cement.

6/25/00 0955hrs

Sump PCB sample results: LSN 00-05833-001 Passed

LSN 00-05833-002 Passed

Map Identification Number 65 **VAULT 7697** **Spill Number: 9815580** **Close Date: 06/07/2002**
 JAMAICA AVE+163RD STREET QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 735 feet to the E

ADDRESS CHANGE INFORMATION
 Revised street: JAMAICA AVE/163RD STREET
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN	Spiller: UNKNOWN	Spiller Phone:
Notifier Type: Affected Persons	Notifier Name: SAME	Notifier Phone:
Caller Name: JOE DEVOTI	Caller Agency: CON EDISON	Caller Phone: (212) 580-6763
DEC Investigator: CAENGELH	Contact for more spill info: JOE DEVOTI	Contact Person Phone: (212) 580-6763

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/31/1999		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	2.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

THEY HAVE A UNKNOWN TYPE OIL SPILL IN THE VAULT.

CON ED 123984

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"
 Con Ed e2mis #123984:

A. WHITAKER #16764 FOD REPORTS IN V7697 N/S JAMAICA AVE 96' W/O 163 ST HE FOUND 2 GALLONS OF UNKNOWN OIL (HE THINKS IT COULD BE FROM THE TRANSF, HE DOES NOT VISUALLY SEE IT LEAKING AND HE CAN NOT PRESSURE TEST UNIT AT THIS TIME.) NO WATER IN HOLE. TRANSF

PCB RECORD OF UNIT IS 34 PPM AND TRANSF WAS INSTALLED IN DEC 1, 1965. HE SEES NO SUMP PUMP OR SEWER CONNECTION. HOLE IS CONTAINED AND NO SEWERS OR WATERWAYS AFFECTED. HE FOUND OIL WHILE HE WAS LOOKING FOR FAULT ON B/O 5Q34. THE FAULT IS A DEF TRANSF. HE WILL HAVE TO WAIT UNTIL FDR. IS GROUNDED AND MADE SAFE TO MAKE AND INSPEC OF UNIT. A LIQUID SAMPLE WAS TAKEN (4-6 HRS PRIORITY FOR SAMPLE RESULTS) WILL WAIT FOR SAMPLE RESULTS TO COME BACK BEFORE STARTING CLEANUP. PARKING RESTRICTION: NO PARKING ANYTIME E.S.TAG #15185 WAS PLACED. CIG J.DEVOTI NOTIFIED 2213 HRS

update 4/1/99 0230hrs.

sample results received -- lab seq#99-03331 --- pcb 51ppm.

EPA # 004033437

UPDATE - 4/1/99 - 2200HRS - ENVIR OPS SUPERVISOR G. JACOBI REPORTS THAT INITIAL CLEANUP IS COMPLETE, AWAITING REMOVAL OF LEAKING TRANSFORMER BEFORE INCIDENT CAN BE CLOSED OUT.

UPDATE - 4/2/99 - 1215HRS - FEEDER IS NOT READY FOR WORK, PROCESSING FOR A FAULT LOCATION.

UPDATE 4/12/99 23:00 HRS -- QUEENS ENV. OPS. O/S RANDY WALTER REPORTS UNIT WAS REMOVED AND CLEANUP COMPLETED BY KNOX, VALLONE, RUTIGLIANO WHO DOUBLE WASHED STRUCTURE WITH SLIX AT 22:00 HRS AND E.S TAG #15185 REMOVED.

UPDATE - 4/13/99 - INCIDENT IS CLOSED

Map Identification Number 66 **TV4924**
163RD ST/JAMICIA AV

Spill Number: 0007126 **Close Date: 08/29/2002**
QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 735 feet to the E

ADDRESS CHANGE INFORMATION
Revised street: 163RD ST / JAMAICA AV
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Notifier Type: Affected Persons
Caller Name: CHARLIE MCCARTHY
DEC Investigator: KMFOLEY

Spiller: UNKNOWN
Notifier Name: JOE POVERELLI
Caller Agency: CON EDISON
Contact for more spill info: CALLER

Spiller Phone:
Notifier Phone:
Caller Phone: (212) 580-6763
Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
09/17/2000		UNKNOWN	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

no sewers or waterways 133440

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "FOLEY"
 Con Ed e2mis #133440 Notes:

9-17-00 1gal unknown oil mixed in mud on concrete floor in vault 4924. Sump pump with piping was not running. To perform pressure test. Sample will be taken. Historical record indicates 4ppm and unit installed in 1960.

Solid sample and sample of water from trap were not accepted by Chem Lab due to incorrect jars. Arrived back at loaction to take samples-got another solid sample. However, there was no water in trap to take a sample from there. PCB sample returned 6ppm PCB.

Env. Ops to met with Transformer Gang on 2/18 and completed secondary cleanup of structure. Cleanup completed by double washing with slix. Waste product removed using diapers, coagulant and vactor.

Update 3/2/02 New transformer installed on 3/18/01.

Map Identification Number 67 **DS3115** **Spill Number: 0007031** **Close Date: 09/18/2000**
 92-18 GUY R BREWER BLVD QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 758 feet to the ESE

ADDRESS CHANGE INFORMATION
 Revised street: 9218 GUY R BREWER BLVD
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
 Notifier Type: Local Agency
 Caller Name: STEVE ROMERO
 DEC Investigator: JHOCONNE

Spiller: UNKNOWN
 Notifier Name: MR POVERELLI
 Caller Agency: CON EDISON
 Contact for more spill info: STEVE ROMERO

Spiller Phone:
 Notifier Phone: (212) 580-6763
 Caller Phone: (212) 580-6763
 Contact Person Phone: (212) 580-6763

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
09/14/2000		UNKNOWN	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

CLEAN UP PENDING TEST RESULTS

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"

e2MIS Notes:

Approximately 1 gallon of unknown oil on dirt and debris on floor of structure and on arc proofing in VS-3115. Transformer is the only oil filled equipment in structure. There is a sump a and sewer connection but not affected by oil. Will have to take solid sample. He removed arc proofing and found no joint or cable leaking oil. This oil is an unknown oil. Ther is no d-fault in hole at this time. 1400hrs-disconnected sump pump. Also oil appears to have come from street. 1700hrs-Put baloneys around sump with cement to protect the sump and prevent any oil from leaking in there.

Update 9/15/00 0607hrs: Lab sequence #00-08885 35ppm PCBs.

Update 9/17/00 1100hrs: Double washed structure. 100% clean at this time and found sump cemented.

Map Identification Number 68 **CITY STREET**
158-001 ARCHER AVE

Spill Number: 0706075
QUEENS, NY NO ZIP PROVIDED

Close Date: 08/29/2007

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (4)
Approximate distance from property: 824 feet to the S

ADDRESS CHANGE INFORMATION

Revised street: 158001 ARCHER AVE
Revised zip code: 11433

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER Spiller: ALMONTI - CITY STREET Spiller Phone: (718) 927-7854
 Notifier Type: Local Agency Notifier Name: Notifier Phone:
 Caller Name: Caller Agency: Caller Phone:
 DEC Investigator: SFRAHMAN Contact for more spill info: ALMONTI Contact Person Phone: (718) 927-7854

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
08/29/2007		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

UNKNOWN WHAT AND WHO?

DEC Investigator Remarks:

Spill on roadway, unknown spiller.I called back Mr.Almonti and advised him to call NYC sanitation operation to put down sand on the spill, he said he would do that.Spill closed.

Map Identification Number 69 **MANHOLE 1817**
 163RD ST & 89TH AVE

Spill Number: 9913253 **Close Date: 02/28/2002**
 QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 843 feet to the NNE

ADDRESS CHANGE INFORMATION
 Revised street: 163RD ST / 89TH AVE
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: UNKNOWN Spiller Phone:
 Notifier Type: Affected Persons Notifier Name: Notifier Phone:
 Caller Name: MARK SCHLAGEL Caller Agency: CON EDISON Caller Phone: (212) 580-6765
 DEC Investigator: JHOCONNE Contact for more spill info: CALLER Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
02/22/2000		UNKNOWN	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	5.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

CALLER REPORTS SPILL TO MANHOLE. CON ED #130077. CLEANUP PENDING LAB RESULTS. 300 GALLONS OF WATER IN MANHOLE AND ALSO SMELT FUEL. SO 2 SAMPLE S WERE TAKEN.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNEL"

Map Identification Number 70 **2661 MANHOLE** **Spill Number: 0106110** **Close Date: 11/23/2001**
 163RD ST / 89TH AV QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 843 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN	Spiller: UNKNOWN	Spiller Phone:
Notifier Type: Affected Persons	Notifier Name: STEVE PACE	Notifier Phone: (212) 580-6763
Caller Name: RICHARD ROACHE	Caller Agency: CON EDISON	Caller Phone: (212) 580-6766
DEC Investigator: AERODRIG	Contact for more spill info:	Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
09/07/2001		UNKNOWN	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

1 1/2 gallons on 200 gallons of water - 9 ppm pcb's - water leak going into manhole so clean up couldn't be completed - ref #139350

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "RODRIGUEZ"
e2mis notes:

1.5 gals unknown oil on 200 gals water. PCB sample taken.

9/7/01, 1800 hrs: lab results 9 ppm PCB.

9/7/01, 2000 hrs: Structure cleaned, truck took over 2,000 gallons water -structure making fresh water. OEM notified and DEP being sent to location to find and stop water leak.

9/8/01, 1515 hrs: Clean up completed, blown joint wrapped with diapers and then plasterized, but structure still making water. Any water removed from structure in future can be pumped providing there are no traces of oil.

(JHO)

Map Identification Number 71 **MANHOLE 1661** **Spill Number: 0009964** **Close Date: 12/28/2001**
163RD ST & 89TH AVE QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 843 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: 163RD ST / 89TH AVE
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN	Spiller: UNKNWON	Spiller Phone:
Notifier Type: Affected Persons	Notifier Name:	Notifier Phone:
Caller Name: MARK SCHLAGEL	Caller Agency: CON EDISON	Caller Phone: (212) 580-6763
DEC Investigator: JHOCONNE	Contact for more spill info: CALLER	Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/04/2000		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SEWER

Caller Remarks:

1/2 PT OIL ON 150 GALLONS WATER. SAMPLES. CON ED # 134599.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
e2mis notes:

12/4/2000: 1/2 pint of unknown spilled on 150 gallons of water. Joint regulator in hole does not appear to be leaking. Liquid sample taken & stop tag place. Cleanup pending test results.

PCB = 10 ppm.

12/5/00 - 12:11 hrs, Cleanup completed double washed, manhole found sump sealed and env. stop tag removed.

12/6/2000: Cleanup completed by double washing structure with slix. Liquids removed by tanker, and solids removed by vactor. No leaking company equipment.

Map Identification Number 72 **SUBWAY SYSTEM E-LINE** **Spill Number: 9807967** **Close Date: 03/09/2005**
 PARSONS BLVD/ARCHER AVE QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 888 feet to the S

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL VEHICLE	Spiller: UNKNOWN - UNKNOWN	Spiller Phone:
Notifier Type: Local Agency	Notifier Name: NYC TRANSIT AUTHORITY	Notifier Phone: (718) 927-7373
Caller Name: ZOLA BAILEY	Caller Agency: NYC DEP	Caller Phone: (718) 595-6700
DEC Investigator: MCTIBBE	Contact for more spill info: MR CHAMBERS	Contact Person Phone: (718) 243-4377

Spill Class: KNOWN RELEASE THAT CREATES POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;UNABLE/UNWILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/29/1998		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	0	GALLONS	0	GALLONS	AIR

Caller Remarks:

STRONG ODOR OF DIESEL FUEL COMING FROM SUBWAYS ENTRANCE-A PORTION OF SUBWAY HAS BEEN SHUT DOWN-FIRE DEPT IS ON THE SCENE ALSO.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE" 5/12/04 - AUSTIN - TRANSFERRED FROM HALE TO TIBBE - END

03/09/05: As per a3/2/05 e-mail, NYCT is requesting closure for this spill. The original spill was called in for the smell of diesel in the subway, but no further reports of diesel odors or any visual confirmation that there is diesel there have been reported since 1998.

Map Identification Number 73 **PARSON/ARCHER STATION** **Spill Number: 0011495** **Close Date: 12/23/2002**
 J-LINE JAMAICA, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 888 feet to the S

ADDRESS CHANGE INFORMATION
 Revised street: PARSONS BLVD / ARCHER AVE
 Revised zip code: 11433

Source of Spill: UNKNOWN	Spiller: NYCT	Spiller Phone:
Notifier Type: Affected Persons	Notifier Name:	Notifier Phone:
Caller Name: PASHKO CAMAJ	Caller Agency: NYC TRANSIT	Caller Phone: (718) 243-4581
DEC Investigator: MCTIBBE	Contact for more spill info: PASHKO CAMAJ	Contact Person Phone: (718) 243-4581

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/24/2001		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
HYDRAULIC OIL	OTHER	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

product is seeping through ceiling of station - spill being contained and will be cleaned up

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"
 spill of hydraulic fluid from a defective seal on an elevator/escalator. spill to concrete. cleaned by NYCT. seal repaired.

Map Identification Number 74 87-93 PARSONS BLVD. Spill Number: 9416783 Close Date: 03/27/1995
 87-93 PARSONS BOULEVARD JAMAICA, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 1070 feet to the NW

ADDRESS CHANGE INFORMATION

Revised street: 8793 PARSONS BOULEVARD
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING	Spiller: UNKNOWN	Spiller Phone: (718) 297-1956
Notifier Type: Fire Department	Notifier Name:	Notifier Phone:
Caller Name: DISPATCHER 173	Caller Agency: FDNY	Caller Phone: (718) 476-6200
DEC Investigator: O'DOWD	Contact for more spill info:	Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
03/27/1995	03/27/1995	UNKNOWN	UNKNOWN		NO	

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
UNKNOWN PETROLEUM	PETROLEUM	-1.00	GALLONS	0.00	GALLONS	AIR

Caller Remarks:

SEWER BACKUP.

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

The following DEC Investigator Remarks were available prior to 1/1/2002:

10/10/95: This is additional information about material spilled from the translation of the old spill file: SEWAGE.

Map Identification Number 75 **MANHOLE 11845** **Spill Number: 0006925** **Close Date: 11/27/2001**
 ARCHER AVE/GUY GRUER BLVD QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1094 feet to the ESE

ADDRESS CHANGE INFORMATION
 Revised street: ARCHER AVE / GUY R BREWER BLVD
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: UNKNOWN Spiller Phone:
 Notifier Type: Other Notifier Name: MR DELACROSE Notifier Phone: (212) 580-6763
 Caller Name: JIMMY FOX Caller Agency: CON ED Caller Phone: (212) 580-6763
 DEC Investigator: OKWUOHA Contact for more spill info: JIMMY FOX Contact Person Phone: (212) 580-6763

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
09/12/2000		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	2.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

ON 100 GALS OF WATER CONTAINED IN MANHOLE. CLEAN UP PENDING. CONED 133-347

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

The following DEC Investigator Remarks were available prior to 1/1/2002:

Con Ed e2mis #133347 Notes:

9-12-00 2gal unknown oil on 100gal water. Sample result is <1ppm PCB. Cleanup completed by double washing with slix. Waste product removed using diapers, coagulant and vactor. No leaking equipment.

Map Identification Number 76 **NEW COURT HOUSE**
 JAMAICA AVE & 153RD ST

Spill Number: 9900164
 QUEENS, NY NO ZIP PROVIDED

Close Date: 04/29/1999

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1111 feet to the SW

ADDRESS CHANGE INFORMATION
 Revised street: JAMAICA AVE / 153RD ST
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
 Notifier Type: Local Agency
 Caller Name: TIM CHRISTENSEN
 DEC Investigator: SACCACIO

Spiller: UNKNOWN - UNKNOWN
 Notifier Name: TIM CHRISTENSEN
 Caller Agency: NYC DEP
 Contact for more spill info: TIM CHRISTENSEN

Spiller Phone:
 Notifier Phone: (718) 372-7193
 Caller Phone: (718) 372-7193
 Contact Person Phone: (718) 372-7193

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
04/05/1999		OTHER	NO		NO	

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
RAW SEWAGE	OTHER	0	GALLONS	0	GALLONS	SEWER

Caller Remarks:

CONTRACTOR BROKE A 20 INCH SANITARY SEWER LINE-THEN DIVERTED SEWAGE INTO A STORM SEWER WHICH IS DISCHARGING INTO BERGEN BASIN WHICH IS 155TH AVE & 130TH PLACE. REQ CALL BACK*****

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 77 **MANHOLE # 5465**
 89 AVENUE & 164 STREET

Spill Number: 0601748
 QUEENS, NY NO ZIP PROVIDED

Close Date: 06/14/2006

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1121 feet to the NNE

ADDRESS CHANGE INFORMATION
 Revised street: 89TH AVE / 164TH ST
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
 Notifier Type: Responsible Party
 Caller Name:
 DEC Investigator: GDBREEN

Spiller: ERT DESK - CON EDISON MH #5465
 Notifier Name:
 Caller Agency:
 Contact for more spill info: ERT DESK'

Spiller Phone: (212) 580-8383
 Notifier Phone:
 Caller Phone:
 Contact Person Phone: (212) 580-8383

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
05/17/2006		OTHER	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

clean up pending: no to 5 questions: coned # 164226

DEC Investigator Remarks:

06/14/06 - See e-docs for Con Ed report detailing cleanup and closure.

164226. 5-17-06 09:45HRS T. FRESCA 17011 (UG) REPORTS, FOUND ONE QUART OF UNKNOWN OIL ON WALL AT DUCT EDGE & ON MUD FLOOR. AT THIS TIME OIL APPEARS TO BE CONTAINED AND NO SEWERS OR WATERWAYS WERE AFFECTED. NO FIRE SMOKE OR PRIVATE PROPERTY INVOLVED AND NO INJURIES WERE RELATED TO SPILL WITH NO WEATHER CONDITIONS CONTRIBUTING TO THE HAZARD OF THE SPILL. ALSO IN STRUCTURE THERE IS A DEAD CABLE WRAPPED WITH OIL IN IT. MR. FRESCA WILL RE-WRAP IT AND NO OIL SEEMS TO BE LEAKING FROM IT. OIL WAS DISCOVERED WHILE ON PRE INSPECTIONS FOR FEEDER 5Q30 & 5Q31. ONE LIQUID SLUDE SAMPLE WAS TAKEN ON A E PRIORITY AND CLEANUP PENDING LAB SAMPLE. CHAIN OF CUSTODY# EE-16963 AND ACCT# C7297. S. PACE 49874.

UPDATE 5-17-06 10:48HRS RECHECKED STRUCTURE AT DUCT EDGE AND CAN NOW CONFIRM OIL IS COMING FROM DUCT. THIS JOB WILL BE TAKEN OFF THE 72HR CLOCK, DOES NOT MEET 72 HR SPILL REQUIREMENT. S. PACE 49874

Map Identification Number 78 **MH 11849**
 164-04 JAMAICA AVE

Spill Number: 9813553 **Close Date: 05/19/2000**
 QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: PARCEL MAPPING (3)
 Approximate distance from property: 1163 feet to the E

ADDRESS CHANGE INFORMATION
 Revised street: 16404 JAMAICA AVE
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN	Spiller: UNKNOWN	Spiller Phone:
Notifier Type: Affected Persons	Notifier Name: DONATONE	Notifier Phone:
Caller Name: MIKE CEASER	Caller Agency: CON ED	Caller Phone: (212) 580-6763
DEC Investigator: JHOCONNE	Contact for more spill info: MIKE CEASER	Contact Person Phone: (212) 580-6763

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
02/05/1999		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

1 PT OF OIL IN MH CON ED 122873 SAMPLES TAKEN

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
 Con ed e2mis 122-873 notes:

2/5/99 1030HRS-- O,S.SAGONAS REPORTS FOUND APPROX 1-PINT OF UNKNOWN OIL ON 50 GALLONS OF WATER,IN MH11849,CONTAINED NO SEWERS OR WATERWAYS EFFECTED,SAMPLE TAKEN TAG#00647 PLACED. UNABLE TO CHECK FOR SUMP PUMP DUE TO WATER FILLED STRUCTURE.

UPDATE

2/5/99-23:37HRS-LAB SEQ 99-01264-RESULTS <1.00PPM.

UPDATE

2/5/99 23:52HRS-J. DAVIS-17027-FLUSH OPS-REPORTS CLEAN-UP COMPLETED WITH SLIX , NO SUMP FOUND, AND ENV TAG 00647 REMOVED.

Map Identification Number 79 **MANHOLE # TM908**
 PARSONS BL & HILLSIDE AVE

Spill Number: 9908476 **Close Date: 02/21/2002**
 QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1387 feet to the NW

ADDRESS CHANGE INFORMATION
 Revised street: PARSONS BL / HILLSIDE AVE
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN	Spiller: UNKNOWN - UNKNOWN	Spiller Phone:
Notifier Type: Local Agency	Notifier Name: STEPHEN ROMERO	Notifier Phone: (212) 580-6763
Caller Name: STEPHEN ROMERO	Caller Agency: CON ED	Caller Phone: (212) 580-6763
DEC Investigator: COMENALE	Contact for more spill info: STEPHEN ROMERO	Contact Person Phone: (212) 580-6763

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
10/12/1999		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

1 qt of unk oil on 55 gals of water - sample has been taken clean up pending lab results

con ed # 128387

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 80 **FAMILY COURT HOUSE**
 151-20 JAMAICA AVE

Spill Number: 9908135 **Close Date: 03/04/2003**
 JAMAICA, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: PARCEL MAPPING (3)
 Approximate distance from property: 1416 feet to the SW

ADDRESS CHANGE INFORMATION
 Revised street: 15120 JAMAICA AVE
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: JOHN WILSON - FAMILY COURT HOUSE Spiller Phone: (212) 273-5083
 Notifier Type: Other Notifier Name: JOHN WILSON Notifier Phone: (212) 273-5083
 Caller Name: ROMEO SANTOS Caller Agency: D C ENVIRONMENTAL SERVICE Caller Phone: (718) 641-4000
 DEC Investigator: TOMASELLO Contact for more spill info: JOHN WILSON Contact Person Phone: (212) 273-5083

Spill Class: KNOWN RELEASE THAT CREATES POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
10/05/1999		OTHER	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#4 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

UPON EXCAVATION OF 3,000 GAL TANK SOIL WAS FOUND TO BE CONTAMINATED
 SOIL WILL BE STOCKPILED FOR DISPOSAL.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 81 **90TH AVE & MERRICK BLVD** **Spill Number: 9307908** **Close Date: 11/18/2003**
 90TH AVE & MERRICK BLVD QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1520 feet to the NE

ADDRESS CHANGE INFORMATION

Revised street: 90TH AVE / MERRICK BLVD
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER Spiller: DEPT OF GENERAL SERVICES Spiller Phone:
 Notifier Type: Local Agency Notifier Name: Notifier Phone:
 Caller Name: BRIAN LESHINGER Caller Agency: REDNEAULT Caller Phone: (516) 467-8477
 DEC Investigator: JMKRIMGO Contact for more spill info: Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended		
09/29/1993		UNKNOWN	NO		NO		
Material Spilled		Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE		PETROLEUM	0	POUNDS	0	POUNDS	SOIL

Caller Remarks:

TEST BORINGS WERE DONE CONTAM SOIL WAS FOUND TESTED SOIL & WATER - TO REMOVE TANKS 2 UNDERGROUND TANKS - MORE OF THE OILS IN LAB SAMPLES.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KRIMGOLD"
 10/10/95: This is additional information about material spilled from the translation of the old spill file: OIL & GASOLINE.
 11/18/03. INSUFFICIENT INFORMATION TO FOLLOW UP. CASE CLOSED.

Map Identification Number 82 **MANHOLE 19707** **Spill Number: 0405533** **Close Date: 08/25/2004**
 MERRICK BLVD & 90TH AVE QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1520 feet to the NE

ADDRESS CHANGE INFORMATION

Revised street: MERRICK BLVD / 90TH AVE
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN	Spiller: ERT DESK - MANHOLE 19707	Spiller Phone: (212) 580-8383
Notifier Type: Responsible Party	Notifier Name: CHRIS HOGAN	Notifier Phone: (212) 580-8383
Caller Name: LARRY COSTA	Caller Agency: CON ED	Caller Phone: (212) 580-6763
DEC Investigator: JHOCONNE	Contact for more spill info: ERT DESK	Contact Person Phone: (212) 580-8383

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
08/19/2004		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

 Caller Remarks:

One gallon unk oil on 100 gallons water. 0040 hours 8/20/04 spill was removed from ConEd 24 hour program due to an earthen sump was found during cleanup.

 DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL" e2mis no. 154968:

FOUND APPROX 1-GALLON OF UNKNOWN OIL ON 100 GALLONS OF WATER IN MH-19707. IT APPEARS TO BE CONTAINED. CLEANUP WILL BE DONE AS 50-499 PPM WITH TANKER.

LAB SEQ # 04-06652-001 PCB <1 PPM.

TANKER REMOVED 100 GALS OF WATER. ENVIRONMENTAL OPS CREW CLEANED MH 50-499 AND REMOVED TWO BARRELS OF SOLID WASTE. DIRT SUMP WAS DUG OUT. SUMP WAS SEALED WITH CEMENT. MANHOLE WAS DOUBLE WASHED WITH BIO GEN 760, AND WASH WATER PUMPED INTO TANKER.LAB RESULTS FOR MH 19707 CAME IN AS < 1.0 PPM TAG WAS REMOVED AND JOB COMPLETED AS OF 0230 HRS ON 8-20-04.

Map Identification Number 83 **FOOD AND DRUG ADMIN** **Spill Number: 9910102** **Close Date: 11/22/1999**
 158-15 LIBERTY AVENUE JAMAICA, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 1556 feet to the S

ADDRESS CHANGE INFORMATION
 Revised street: 15815 LIBERTY AVENUE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL	Spiller: CALLER - CENTURY PETROLEUM	Spiller Phone: (516) 752-1688 ext. 1
Notifier Type: Responsible Party	Notifier Name: MARTY TADLER	Notifier Phone:
Caller Name: CYNTHIA TADLER	Caller Agency: CENTURY PETROLEUM	Caller Phone: (516) 752-1688
DEC Investigator: JMKRIMGO	Contact for more spill info: GREG SABATER	Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/19/1999		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	10.00	GALLONS	0.00	GALLONS	SOIL

 Caller Remarks:

possible faulty valve on tank - may or may not be human error...5 to 10 gals, clean up has begun.

 DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KRIMGOLD"
 Cleaned-up by the spiller.

Map Identification Number 84 **NYPD LABORTORY** **Spill Number: 0406294** **Close Date: 10/27/2004**
 150-14 JAMAICA AVE JAMAICA, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 1557 feet to the SW

ADDRESS CHANGE INFORMATION
 Revised street: 15014 JAMAICA AVE.
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL	Spiller: DISPATCHER 337 - NYPD LABORTORY	Spiller Phone: (718) 847-8487
Notifier Type: Fire Department	Notifier Name: DISPATCHER 337	Notifier Phone: (718) 847-8487
Caller Name: DISPATCHER 337	Caller Agency: FIRE DEPARTMENT	Caller Phone: (718) 847-8487
DEC Investigator: TJDEMEO	Contact for more spill info: DISPATCHER 337	Contact Person Phone: (718) 847-8487

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/08/2004		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
HYDROGEN CHLORIDE	HAZARDOUS MATERIAL	0	UNKNOWN	0	UNKNOWN	SOIL

 Caller Remarks:

SPILL CONTAINED TO ONE ROOM AND ALARM WAS ACTIVATED. SPILL HAS BEEN CLEANED UP

 DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was " "

Map Identification Number 86 **MANHOLE 10001**
 NW ARCHER AV/165 ST

Spill Number: 0312204 **Close Date: 02/03/2004**
 QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1596 feet to the E

ADDRESS CHANGE INFORMATION
 Revised street: ARCHER AV / 165TH ST
 Revised zip code: 11433

Source of Spill: UNKNOWN	Spiller:	Spiller Phone:
Notifier Type: Affected Persons	Notifier Name: STEVE PACE	Notifier Phone:
Caller Name: LARRY COSTA	Caller Agency: CON ED	Caller Phone: (212) 580-6763
DEC Investigator: JHOCONNE	Contact for more spill info: ERT	Contact Person Phone: (212) 580-8383

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
02/02/2004		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

2 PINTS OF UNKNOWN PETROLEUM FOUND ON 500 GAL OF WATER IN MANHOLE. DURING CLEAN UP, CREW LOCATED A EARTHEN SUMP. CLEAN UP IS STILL IN PROGRESS.

CON ED REF # 151944

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL" e2mis no. 151944:

APPROX 2-PINTS OF UNKNOWN OIL ON 500 GALLONS OF WATER IN MH10001. CLEANUP PENDING TEST RESULT.

LAB SEQ# 04-00794-001 <1.0 PPM. FOUND EARTHEN SUMP.

2/3/04 03:45 HRS DOUBLE WASHED STRUCTURE USING SLICKS. SEALED SUMP AND REMOVED TAG.

amd

Map Identification Number 87 **MAN HOLE #2277** **Spill Number: 0403921** **Close Date: 07/15/2004**
 88TH AVE & MERRICK BLVD QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 1738 feet to the NNE

ADDRESS CHANGE INFORMATION
 Revised street: 88TH AVE / MERRICK BLVD
 Revised zip code: UNKNOWN

Source of Spill: UNKNOWN Spiller: ERT DESK - CON EDISON Spiller Phone: (212) 580-8383
 Notifier Type: Responsible Party Notifier Name: KEVIN MCARDLE Notifier Phone: (212) 580-6763
 Caller Name: KEVIN MCARDLE Caller Agency: CON ED Caller Phone: (212) 580-6763
 DEC Investigator: JHOCONNE Contact for more spill info: ERT DESK Contact Person Phone: (212) 580-8383

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
07/12/2004		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
NON PCB OIL	PETROLEUM	2.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

APPROX 2 GAL UNKN OIL ON 500 GAL WATER, EARTH AND SUMP FOUND, CLEAN UP HAS BEEN COMPLETED. NO TO 5 QUESTIONS. CON ED #154312

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL" e2mis no. 154312:

APPROX 2 GALS OF AN UNKNOWN OIL ON APPROX 400 GALS OF WATER IN MH 2277. SPILL IS CONTAINED. CLEANUP PENDING LAB RESULT.

Lab Sequence Number: 04-05444-001 PCB <1 ppm.

UPDATE 13-JUL-20 06:15 HRS.

DBL. WASHED STRUCTURE WITH BIO-GEN 760, ALL LIQUIDS AND SOLIDS WERE REMOVED BY VACTOR. MR. FERNANDEZ REPORTED HE FOUND AN EARTHEN SUMP AT 05:5 HRS, AND SEALED IT.

Map Identification Number 88 **EXXON MOBIL**
165-01 HILLSIDE AVE

Spill Number: 0709415
JAMAICA, NY NO ZIP PROVIDED

Close Date: 11/30/2007

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (3)
Approximate distance from property: 1789 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: UNKNOWN

Source of Spill: GASOLINE STATION
Notifier Type: Other
Caller Name:
DEC Investigator: jbvought

Spiller: KEN DRAKE - EXXON MOBILE
Notifier Name:
Caller Agency:
Contact for more spill info: KEN DRAKE

Spiller Phone: (908) 451-0956
Notifier Phone:
Caller Phone:
Contact Person Phone: (908) 451-0956

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/30/2007		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	40.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

during onloading from delivery caused a release: is contained on concrete fire and police on site:

DEC Investigator Remarks:

11/30/07-Vought-This spill closed and referred to open spill at same location (see spill #0709406). Spill closed by Vought.

Map Identification Number 89 **EXXON MOBIL # 13147**
165-01 HILLSIDE AVE

Spill Number: 0608640
JAMAICA, NY NO ZIP PROVIDED

Close Date: 10/30/2006

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1789 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: 16501 HILLSIDE AVE
Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION
Notifier Type: Local Agency
Caller Name:
DEC Investigator: VSZHUNE

Spiller: STORE MANAGER - EXXON MOBIL # 13147
Notifier Name:
Caller Agency:
Contact for more spill info: STORE MANAGER

Spiller Phone: (716) 372-7885
Notifier Phone:
Caller Phone:
Contact Person Phone: (716) 372-7885

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended		
10/27/2006		OTHER	NO		NO		
Material Spilled		Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE		PETROLEUM	10.00	GALLONS	10.00	GALLONS	SOIL

Caller Remarks:

DEC WAS ON SITE AND REQUESTED A CALL FOR A SPILL NUMBER DUE TO THE AMOUNT OF GASOLINE IN THE SPILL BUCKETS: NO IMPACT TO ENVIRONMENT:

DEC Investigator Remarks:

10/26/05 Pump Island cleaned up product in the fill port (Regular and Plus). 10/30/06 this case was closed for V. Zhune

Map Identification Number 90 **150-24 HILLSIDE AVENUE** **Spill Number: 9411042** **Close Date: 11/17/1994**
 150-24 HILLSIDE AVENUE JAMAICA, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (3)
 Approximate distance from property: 1800 feet to the WNW

ADDRESS CHANGE INFORMATION

Revised street: 15024 HILLSIDE AVENUE
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN	Spiller: UNKNOWN	Spiller Phone:
Notifier Type: Affected Persons	Notifier Name:	Notifier Phone:
Caller Name: ELIZABETH KNUTH	Caller Agency: CITIZEN	Caller Phone: (718) 523-5517
DEC Investigator: O'DOWD	Contact for more spill info:	Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended		
11/17/1994	11/17/1994	UNKNOWN	UNKNOWN		NO		
Material Spilled		Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM		PETROLEUM	-1.00	UNKNOWN	0.00	UNKNOWN	AIR

Caller Remarks:

SMELLING STRONG ODOR, UNKNOWNORIGIN AND PERSISTENT. NOTIFIED GAS CO & NO PROBLEM-WORRIED-CALLBACK. 11/17/94 8:40 A.M., SPOKE TO ELIZABETH. NOSE, THROAT, 1ST DAY THIS YEAR. BUG, NO PBLM.

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

The following DEC Investigator Remarks were available prior to 1/1/2002:

10/10/95: This is additional information about material spilled from the translation of the old spill file: STRON SMELL.

Map Identification Number 91 **MANHOLE #17212** **Spill Number: 9902236** **Close Date: 07/19/1999**
 PARSONS BLVD & 87TH ST QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (4)
 Approximate distance from property: 1829 feet to the NW

ADDRESS CHANGE INFORMATION

Revised street: PARSONS BLVD / 87TH RD/AV
 Revised zip code: 11432

Source of Spill: UNKNOWN	Spiller: UNKNOWN	Spiller Phone:
Notifier Type: Local Agency	Notifier Name: MR. NEVEL	Notifier Phone: (212) 580-6763
Caller Name: MIKE CESARE	Caller Agency: CON EDISON	Caller Phone: (212) 580-6763
DEC Investigator: CAENGELH	Contact for more spill info:	Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
05/27/1999		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	4.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

CON EDISON #125152 SAMPLES TAKEN WITH 4-6 HOUR TURNAROUND WITH CLEAN UP TO FOLLOW.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"

CON ED E2MIS NOTES 6-19-99

4 gals.of unknown oil on 100 gals.of water found in MH 17212. No sewers or waterways affected, sample taken on a 4-6 hr. turnaround. Tag #04567 placed.

5-28-99 0235 hrs. Removed all free flowing oil. Hole is cleaned 100%, tag left in hole due to blown joint.

6-04-99 Incident closed

Unknown oil 4 gals. Contained

PCB 1ppm Contained

Aroclor 1242 1ppm

Aroclor 1254 1ppm

Aroclor 1260 1ppm

Map Identification Number 92 **APARTMENT BLDG**
90-11 149TH ST

Spill Number: 9710926 **Close Date: 12/29/1997**
QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (3)
Approximate distance from property: 1909 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: 9011 149TH ST
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
Notifier Type: Other
Caller Name: CHARLIE BOETTIGER
DEC Investigator: SMMARTIN

Spiller: UNKNOWN - UNKNOWN
Notifier Name: DRIVER
Caller Agency: MYSTIC OIL
Contact for more spill info: UNK

Spiller Phone:
Notifier Phone: (718) 932-9075
Caller Phone: (718) 932-9075
Contact Person Phone: (000) 000-0000

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
12/29/1997		OTHER	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	6.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

BACK PRESSURE CAUSED SPILL-UNK IF PROBLEM WITH TANK OR NOT-
 SPILL IN PROCESS OF BEING CLEANED UP-STILL UNDER INVESTIGATION
 BY DELIVERY CO.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MARKINKAT"

Map Identification Number 93 **MAHOLE 2066** **Spill Number: 9814004** **Close Date: 10/21/2002**
 LIBERY AVE/158 ST JAMAICA, QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1910 feet to the S

ADDRESS CHANGE INFORMATION

Revised street: LIBERTY AVE / 158TH ST
 Revised zip code: 11433

Source of Spill: UNKNOWN	Spiller: UNK - UNKNOWN	Spiller Phone:
Notifier Type: Local Agency	Notifier Name: MR WAINWRIGHT	Notifier Phone:
Caller Name: LISA PRIMEGGIA	Caller Agency: CON EDISON	Caller Phone: (212) 580-6763
DEC Investigator: CAENGELH	Contact for more spill info: LISA PREMEGGIA	Contact Person Phone: (212) 580-6763

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
02/18/1999		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

unknown oil in manhole - cleanup pending lab tests con ed #123126

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"
e2mis no. 123-126:

Dario Zovich #47886, Supervisor with Maint. & Const., reports at 17:30 hrs while doing street light work found unknown oil & water in MH-2066, N/W/C Liberty Ave. & 158 St. Crew on location not equipped to take oil sample. Maint. & Const. crew remained on location until Queens Env. Ops. supervisor Bob Hutchinson responded to location. Hutchinson reported at 18:30 hrs he found approx. 1 gal. oil on approx. 1200 gal water. Spill is contained. No sewers or waterways affected. Env. Ops. crew hung env. stop tag #21831 and took one liquid sample on a 4-6 hour priority turnaround. Cleanup pending PCB results from Chem Lab.

2/19/99 20:30 -- Contacted Chem Lab since no results on this sample (checked email to ECEOP.QN). As per L. Jones of Chem Lab, results were emailed on 2/18/99: Lab Seq # 99-01758, 15 PPM PCB (1242 Aroclor).

UPDATE - 2/20/99 - 1224HRS - JACK RUTIGLIANO, FLUSH OPERATOR REPORTS THAT CLEAN UP COMPLETED WITH BIOGEN 760 AS OF 1220HRS
AND ENV STOP TAG # 21831 REMOVED.

Map Identification Number 94 **CONSTRUCTION SITE/YORK** **Spill Number: 9712025** **Close Date: 08/05/1999**
LIBERTY AVE AND 158TH AVE JAMAICA, QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1910 feet to the S

ADDRESS CHANGE INFORMATION
Revised street: LIBERTY AV / 158TH ST
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN	Spiller: UNKNOWN	Spiller Phone:
Notifier Type: Affected Persons	Notifier Name: JIM PFEIFER	Notifier Phone:
Caller Name: GEORGE GURNEY	Caller Agency: RIZZO ASSOCIATES	Caller Phone: (860) 549-8430
DEC Investigator: MCTIBBE	Contact for more spill info: JIM PFEIFER	Contact Person Phone:

Spill Class: KNOWN RELEASE THAT CREATES POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
01/28/1998		UNKNOWN	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

contaminated soil discovered on construction site

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"
SEE FILE.

Map Identification Number 95 **STATE DORMITORY AUTHORITY** **Spill Number: 9402695** **Close Date: 02/10/2003**
158TH ST & LIBERTY ST QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1910 feet to the S

ADDRESS CHANGE INFORMATION
Revised street: 158TH ST / LIBERTY AV
Revised zip code: 11433

Source of Spill: UNKNOWN	Spiller: UNKNOWN	Spiller Phone:
Notifier Type: Other	Notifier Name:	Notifier Phone:
Caller Name: MIKE SUSCA	Caller Agency: TRC ENVIRONMENTAL	Caller Phone: (203) 289-8631
DEC Investigator: O'DOWD	Contact for more spill info:	Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
05/24/1994		UNKNOWN	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	-1.00	POUNDS	0.00	POUNDS	SOIL

Caller Remarks:

TRC DOING SITE INVESTIGATION. MATERIAL MAY HAVE BEEN THERE FOR YEARS. MATERIAL CONFINED AND NOT A THREAT. WOULD LIKE A CALL BACK.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 96 **160-05 HIGHLAND AVE**
 160-05 HIGHLAND AVE

Spill Number: 0409013 **Close Date: 03/14/2006**
 QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 1930 feet to the NNW

ADDRESS CHANGE INFORMATION
 Revised street: 16005 HIGHLAND AVE
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
 Notifier Type: Other
 Caller Name: DREW PARDUS
 DEC Investigator: rmpiper

Spiller: LEA GUTERMAN
 Notifier Name: DREW PARDUS
 Caller Agency: LOUIS BERGER ASSOCIATES
 Contact for more spill info: LEA GUTERMAN

Spiller Phone: (718) 472-8502
 Notifier Phone: (212) 612-7932
 Caller Phone: (212) 612-7932
 Contact Person Phone: (718) 472-8502

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/12/2004		OTHER	YES	NO

NO MATERIAL INFORMATION GIVEN FOR THIS SPILL

Caller Remarks:

went into a drain that runs to a sanitary sewer.oil leaked from a elevator at a school.

DEC Investigator Remarks:

4/04/05 - Sawyer - Seal in elevator released into drain at the bottom. The elevator is not in operation. Unknown oil passed into a oil trap onsite.
 11/15/05- DEC Piper contacted Lea Gutterman. Left Message.
 11/18/05- DEC Piper spoke w/Lea Gutterman. Will forward info on to appropriate persons.
 3/13/06- DEC Piper attempted to contact appropriate persons though after three redirections was informed to contact Lee Gutterman. DEC Piper contacted Lea Gutterman. She will have someone contact me.
 3/14/06- DEC Piper recieved closure request from Louis Berger Group. As per letter , there is no oil remaining. Based on letter and spil to sanitary sewer, closed.

Map Identification Number 97 **94-01 150TH STREET. / QUE**
 94-01 150TH STREET

Spill Number: 8701261 **Close Date: 05/14/1987**
 JAMAICA, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 1953 feet to the SSW

ADDRESS CHANGE INFORMATION
 Revised street: 9401 150TH STREET
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
 Notifier Type: Local Agency
 Caller Name:
 DEC Investigator: UNASSIGNED

Spiller: CONTEMP PROCESS PLANT
 Notifier Name:
 Caller Agency:
 Contact for more spill info:

Spiller Phone:
 Notifier Phone:
 Caller Phone:
 Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/14/1987	05/14/1987	OTHER	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
SODIUM CHLORITE	OTHER	-1.00	UNKNOWN	0.00	UNKNOWN	AIR

Caller Remarks:

PLANT WITH SODIUM CHLORITE INVOLVED IN FIRE.CHLORINE DIOXIDE RELEASEDDURING FIRE , WHICH MAY HAVE IMPACTED FIREMEN.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was " "

Map Identification Number 98 **MANHOLE 20589**
 168TH STREET/90TH AVE

Spill Number: 0012198 **Close Date: 06/13/2003**
 QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1978 feet to the ENE

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
 Notifier Type: Affected Persons
 Caller Name: JIMMY FOX
 DEC Investigator: KMFOLEY

Spiller: UNKNOWN - UNKNOWN
 Notifier Name: MR DELLACROSE
 Caller Agency: CON EDISON
 Contact for more spill info:

Spiller Phone:
 Notifier Phone: (212) 580-6763
 Caller Phone: (212) 580-6763
 Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/13/2001		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	2.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

caller reporting a spill from an unk source, samples taken clean up pending lab results coned#135503 no callback necessary

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "FOLEY"
Pilot Program Spill: Abraham Rodriguez responded. KMF 02/06/01

E2MIS 135503

M.SATRIA #43600 SENIOR TEC DOING PRE INSPECTIONS REPORTS FINDING APPROX 2 GALLONS OF AN UNKNOWN OIL ON 150 GALLONS OF STANDING WATER. APPEARS CONTAINED TO STRUCTURE, NO SEWERS OR WATERWAYS APPEAR AFFECTED. NO SIGNS OF SMOKE OR FIRE. NO PRIVATE PROPERTY AFFECTED.SAMPLE TAKEN EMERGENCY RESPONCE REQUESTED, CLEANUP TO BEGIN AS 50-499 PCB. [DEC PILOT PROGRAM]. ENVIROMENTAL OPS TO BE NOTIFIED. STOP TAG PLACED. CREW ADVISED TO REMAIN ON LOCATION PENDING CLEANUP CREW. THEN TO DELIVER SAMPLE TO ASTORIA CHEM LAB.#12255

UPDATE -- HERE IS A LIST OF THE FOLLOWING NOTIFICATIONS FOR THIS PRE PILOT PROGRAM.

R.WALTER -- ENV. OPER. SUPERVISOR -- 2/13/01 -- 10:40 HRS.

R.SALADINO -- ENV. OPER. PLANNER -- 2/13/01 -- 10:41 HRS.

W.ALVARDO -- ENV. OPER. MANAGER -- 2/13/ 01 -- 10:43 HRS.

A.ALERMO -- CORPORATE TRANSP. -- 2/13/01 -- 10:40 HRS.

R.COSENTINO -- B/Q EH&S FIELD MGR. -- 2/13/01 -- 10:40 HRS.

V.DeVILEZ CENTRAL EH&S EAR @ PAGER 1-917-802-6663. -- 2/13/01 -- 10:50 HRS.

L.FIRST MANHATTAN EH&S REPRESENTATIVE @ PAGER 1-917-321-2558 - 2/13/01 - 10:55 HRS.

P.KEELAN -- CHEM LAB @ 204-4123 -- 2/13/01 -- 11:10 HRS.

M.KESSLER CENTRAL EH&S ERT @ 1-212-580-8383 -- FOR TEMPORARY EPA # -- 2/13/01-11:30

RMD. 08584 AT 14:05 HRS.

UPDATE:

1040 HRS - FLUSH DISP.

1055 HRS - R.COSENTINO NOTIFIED

1130 HRS 12-FEB-2001 12:04EPA#004074605 ISSUED

C&D PLATES CHECKED 5Q45 & 5Q32 RUN THRU HOLE.

ENGINEERING PLATES CHECKED, NO DRAINS IN HOLE.

1105 HRS - ENVIROMENTAL OPS ON LOCATION RELIEVED CREW TO TAKE SAMPLE TO ASTORIA. 1120 HRS R.WALTER ON LOCATION. WAITING TANKER TO BEGIN

CLEANUP.=====

UPDATE @ 1147 HRS R.COSENTINO REPORTS KERRY FOLEY OF DEC NOTIFIED @ 1055 HRS .WILL RESPOND. #12255

UPDATE @ 1153 HRS M. SATIRA REPORTS SAMPLE DELIVERED TO CHEM LAB.=====

UPDATE @1200HRS R.WALTER REPORTS TANKER ON LOCATION AT 1145 HRS=====

UPDATE @ 1316 HRS R.COSENTINO REPORTS ABRAHAM RODRIGUEZ OF DEC ON LOCATION @ 1200 HRS. REVIEWED SPILL SITE & IS SATISFIED WITH PROGRESS OF JOB & CLEANUP PLANS. E2MIS & CHEM LAB REPORT TO BE FAXED TO HIM IN AM. HAVE OK FROM DEC TO WAIT FOR LAB REPORTS TO CONTINUE CLEANUP & REMOVE SOLIDS. #12255 VDC.

UPDATE: 2/13/01 - 1440

ASTORIA CHEM LAB WAS CALLED AS TO PROGRESS OF SAMPLE. I WAS TOLD IT WOULD BE ANOTHER 2 HRS. MR. ZALLOUGHI AND MR. COSENTINO WERE ADVISED.

UPDATE: 2/13/01 - 1605

G. JACOBI - O.S. - ENV. OPS., REQUEST A #9 CREW BE DISPATCHED TO LOCATION TO RERACK FDR GOING THROUGH CENTER OF STRUCTURE. TJ -

UPDATE: 2/13/01 - 1645

#9 ARRIVED AT LOCATION AND DISCOVERED A HOLE IN EITHER FDR 5Q32 OR 5Q33. THEY ARE AWAITING SUPERVISOR'S ARRIVAL TO CONFIRM "D" FAULT. TJ - 50495

LAB RESULT RECEIVED 2/13/01 - 1735. 01-01540. 452 PPM. TJ - 50495

UPDATE: 2/13/01 - 1910

D. MC LOUGHLIN - #9 O.S., REPORTS VERIFICATION OF D FAULT IN STRUCTURE. HOLE IN TOP OF SLEEVE, JT FILLED WITH WATER. 5Q45. TJ -

UPDATE: 2/13/01 - 1930

R. COSENTINO REPORTS LEAVING A VOICE MAIL TO MR. RODRIGUEZ OF THE DEC REGARDING THIS INCIDENT AND THE NEW FINDING OF A FEEDER D FAULT IN STRUCTURE.

TJ - 50495

UPDATE: 2/13/01 - 1945

G. JACOBI - O.S. - ENV. OPS., REPORTS 540 GALS OF LIQUID WASTE REMOVED BY ASTORIA TANKER (MANIFEST # NYE0733068). 1 DRUM OF P.P.E.

AND ZONE SET-UP TO BE PICKED UP BY ASTORIA TRANSPORTATION AS PCB AND LEAD HAZARDOUS WASTE. DUE TO D FAULT FEEDER IN STRUCTURE JOB WAS STOPPED, TO BE CONTINUED UPON FDR BEING TAKEN OFF AND REMOVAL OF JOINT. TJ - 50495

UPDATE @ 0921 HRS 2/14 R.COSENTINO REPORTS @ 0850 HRS SPOKE WITH D.E.C MR RODRIGUEZ . GAVE HIM STATUS OF CLEANUP. STILL WAITING SAFE ACCESS DUE TO DAMAGED FEEDER. D.E.C REQUESTS COMPLETED E2MS REPORT TO BE FAXED TO HIM @ 718 4824093. #12255 VDC.

UPDATE: 2/14/01 - 1830

R. SALADINO, PLANNER, ENV. OPS., REPORTS:

AT 0700 - REQUESTED CONTROL CENTER TO EXPEDITE D FAULT PROBLEM.

AT 1200 - ENV. OPS. SET UP ZONES.

AT 1330 - F.O.D. TAGGED FDR

AT 1430 - U.G. CUT FDR

DEC Investigator Remarks:

05/23/07 - See e-docs for Con Ed report detailing cleanup and closure.

205464. see eDocs

Map Identification Number 100 LIBERTY AVE & 164TH ST
LIBERTY AVE & 164TH ST

Spill Number: 9404808 Close Date: 03/07/1995
QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (4)
Approximate distance from property: 2013 feet to the SE

ADDRESS CHANGE INFORMATION

Revised street: LIBERTY AVE / 164TH ST
Revised zip code: UNKNOWN

Source of Spill: UNKNOWN
Notifier Type: Other
Caller Name: STEVE MINNINGER /CLEAN HA
DEC Investigator: MCTIBBE

Spiller: UNKNOWN
Notifier Name:
Caller Agency: RBOR ENVIRON. SERVICES
Contact for more spill info:

Spiller Phone:
Notifier Phone:
Caller Phone: (908) 248-1997
Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
07/05/1994		UNKNOWN	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	-1.00	POUNDS	0.00	POUNDS	SOIL

Caller Remarks:

VACUUM OUT- OIL SLUSH WASH OUT. CALLED CLEAN HARBOR, CONFIRMED NYNEX MANHOLE AND WAS CLEANED UP

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"
10/10/95: This is additional information about material spilled from the translation of the old spill file: CONTAIN MANHOLE.

CLEANED BY NYNEX.

Map Identification Number 101 **IN THE PARKING LOT OF**
 95-40 TUCKERTON ST

Spill Number: 9706920
 JAMAICA, QUEENS, NY NO ZIP PROVIDED

Close Date: 12/31/1997

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 2145 feet to the SSW

ADDRESS CHANGE INFORMATION

Revised street: 9540 TUCKERTON ST
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
 Notifier Type: Other
 Caller Name: LORETTA D'ANGLO
 DEC Investigator: MMMULQUE

Spiller: RICH KALISTA - BELL ATLANTIC
 Notifier Name: DON MCCONEGHY
 Caller Agency: MILROE
 Contact for more spill info: DON MCCONEGHY

Spiller Phone:
 Notifier Phone: (718) 297-9980
 Caller Phone: (516) 379-1500
 Contact Person Phone: (718) 297-9980

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/10/1997		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	GROUNDWATER
TRANSMISSION FLUID	PETROLEUM	0	GALLONS	0	GALLONS	GROUNDWATER
CLEANING CHEMICALS/PRODUCTS	OTHER	50.00	GALLONS	0.00	GALLONS	GROUNDWATER
OTHER	OTHER	0	GALLONS	0	GALLONS	GROUNDWATER
OTHER PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	

Caller Remarks:

CLEAN UP COMPANY IS CALLING ON BEHALF OF BELL ATLANTIC WHO HAD A MIXTURE OF THE ABOVE CONTENTS (INC. GREASE) RUN ONTO THEIR PROPERTY FROM A JUNK YARD NEXT DOOR. THE SPILL IS ALSO INTO THEIR DRY WELL WHICH IS HALF FULL. CLEAN UP CREW IN ENROUTE AT THIS TIME.

JUNK YARK NAME IS MARINO AUTO SALVAGE

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MULQUEEN"
 SEE REPORT

Map Identification Number 102 **NYNEX GARAGE**
 95-40 TUCKERTIN STREET

Spill Number: 9701920
 JAMAICA, QUEENS, NY NO ZIP PROVIDED

Close Date: 05/15/1997

MAP LOCATION INFORMATION
 Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 2145 feet to the SSW

ADDRESS CHANGE INFORMATION
 Revised street: 9540 TUCKERTON ST
 Revised zip code: 11433

Source of Spill: UNKNOWN
 Notifier Type: Other
 Caller Name: LORETTA D'ANGELO
 DEC Investigator: MCTIBBE

Spiller: UNKNOWN
 Notifier Name: KEITH BROWN
 Caller Agency: MILRO ASSOCIATES
 Contact for more spill info: KEITH BROWN

Spiller Phone:
 Notifier Phone: (718) 297-9980
 Caller Phone: (516) 379-1500
 Contact Person Phone: (718) 297-9980

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
05/14/1997		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

caller states their was a spill on the basement floor of the bldg.
 could not state who the spiller was or how the incident occurred.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"
 cleanup crew are there doing cleanup. can't get in touch w/NYNEX.SMALL SPILL CLEANED BY NYNEX.

Map Identification Number 103 **SERVICE BOX #38864**
 IFO 155-11 LIBERTY AVE

Spill Number: 9911146
 QUEENS, NY NO ZIP PROVIDED

Close Date: 03/28/2002

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 2268 feet to the S

ADDRESS CHANGE INFORMATION
 Revised street: IFO 15511 LIBERTY AVE
 Revised zip code: 11433

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: UNKNOWN - UNKNOWN Spiller Phone:
 Notifier Type: Other Notifier Name: FRANK MASSERIA Notifier Phone: (212) 580-6763
 Caller Name: FRANK MASSERIA Caller Agency: CON EDISON Caller Phone: (212) 580-6763
 DEC Investigator: CAENGELH Contact for more spill info: FRANK MASSERIA Contact Person Phone: (212) 580-6763

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
12/21/1999		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

SAMPLE HAS BEEN TAKEN-CLEANUP PENDING RESULTS- CON ED #129358

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"

Map Identification Number 104 **MANHOLE #17206** **Spill Number: 9902243** **Close Date: 07/19/1999**
 PARSONS BLVD/86TH AVE QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 2276 feet to the NW

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: UNKNOWN - UNKNOWN Spiller Phone:
 Notifier Type: Affected Persons Notifier Name: FRANK MASSERIA Notifier Phone: (212) 580-6763
 Caller Name: FRANK MASSERIA Caller Agency: CON EDISON Caller Phone: (212) 580-6763
 DEC Investigator: CAENGELH Contact for more spill info: FRANK MASSERIA Contact Person Phone: (212) 580-6763

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended		
05/27/1999		UNKNOWN	NO		NO		
Material Spilled		Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM		PETROLEUM	2.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

SPILL CONTAINED-SAMPLE TAKEN-CLEAN UP PENDING RESULTS

CON ED #125156

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"
CON ED E2MIS NOTES 6-19-99

2 gals. unknown oil on 200 gals. of water found in MH 17206. No sewers or waterways affected. Sample taken as a 4-6 hr. turnaround tag #04451 placed. Cleanup pending test results.

5-28-99 10:00 cleanup completed ANd tag removed.

6-04-99 Incident closed

Unknown oil 2 gals. Contained

PCB 5ppm Contained

Aroclor 1242 1ppm

Aroclor 1254 4.6ppm

Aroclor 1260 1ppm

Map Identification Number 105 **NOT FOUND**
 95TH AVE/149 ST

Spill Number: 0603449 **Close Date: 08/28/2006**
 QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 2408 feet to the SSW

ADDRESS CHANGE INFORMATION
 Revised street: 95TH AVE / 149TH ST
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
 Notifier Type: Local Agency
 Caller Name:
 DEC Investigator: SFRAHMAN

Spiller: UNKNOWN
 Notifier Name:
 Caller Agency:
 Contact for more spill info: MR. FREEMAN

Spiller Phone:
 Notifier Phone:
 Caller Phone:
 Contact Person Phone: (718) 725-0098

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
06/28/2006		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

5- 5 GALLON METAL DRUMS DUMPED LAST WEEK AT INTERSECTION. UNKNOWN MATERIAL/AMOUNT INSIDE DRUMS.

DEC Investigator Remarks:

add to next drum run
 08/28/06 Rahman- Drum not found.

Map Identification Number 106 LIBERTY AVE & MERRICK BLV

Spill Number: 9815187 **Close Date: 02/14/2001**
 JAMAICA, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (4)
 Approximate distance from property: 2482 feet to the ESE

ADDRESS CHANGE INFORMATION
 Revised street: LIBERTY AVE / MERRICK BLVD
 Revised zip code: 11433

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
 Notifier Type: DEC
 Caller Name: GEORGE BREEN
 DEC Investigator: MCTIBBE

Spiller: UNKNOWN
 Notifier Name:
 Caller Agency: DEC
 Contact for more spill info:

Spiller Phone:
 Notifier Phone:
 Caller Phone: (718) 482-4933
 Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;UNABLE/UNWILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
03/16/1999		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	AIR

Caller Remarks:

MONITORING WELL LOCATION SIDEWALK ACROSS FROM AMACO GAS STATION

165-25 LIBERTY AVE. MONITORING WELL INSTALLED BY NYCTA BUS DEPOT.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"
 TRANSFERED FROM TOMASELLO TO TIBBE ON 02/14/01. REFER TO 99-13468 AND 90-10039. WELL WAS INSTALLED BY NYCT TO INVESTIGATE THEIR
 DIESEL AND #2 SPILLS(90-10039), BUT FOUND GASOLINE CONTAMINATION (99-13468).

Map Identification Number 107 **SERVICE BOX 18615**
 90TH AV & 169 ST

Spill Number: 9901372 **Close Date: 04/02/2002**
 QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 2501 feet to the ENE

ADDRESS CHANGE INFORMATION
 Revised street: 90TH AV / 169TH ST
 Revised zip code: 11432

Source of Spill: UNKNOWN
 Notifier Type: Other
 Caller Name: RICHARD ROCHE
 DEC Investigator: CAENGELH

Spiller: UNKNOWN
 Notifier Name: MR REEDY
 Caller Agency: CON ED
 Contact for more spill info: RICHARD ROCHE

Spiller Phone:
 Notifier Phone:
 Caller Phone: (212) 580-6764
 Contact Person Phone: (212) 580-6764

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
05/05/1999		UNKNOWN	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

1 GAL OF PRODUCT ON 20 GALS OF WATER / CON ED#124663 - CLEAN UP PENDING LAB RESULTS

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"
DEC INSPECTOR NOTES

5-20-99 E-Mailed Con Ed ERTs for copy of E2MIS report.

5-05-99 1000hrs.

Found 4 gals. of unknown oil on 20gals. of water in SB18651. No sewers or waterways affected, no sump in hole, no oil filled equipment in hole. Sample to be taken and tag #24761 placed.

Lab. Seq# 99-04668 <1ppm

5-15-99 1000hrs.

<1ppm cleanup completed.

Map Identification Number 108 **TM 5794**
90TH AVE / 169TH ST

Spill Number: 9900625 **Close Date: 04/26/1999**
QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2501 feet to the ENE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN	Spiller: CON EDISON	Spiller Phone:
Notifier Type: Responsible Party	Notifier Name: CALO	Notifier Phone:
Caller Name: STEVEN CRIBBIN	Caller Agency: CON EDISON	Caller Phone: (212) 580-6763
DEC Investigator: JHOCONNE	Contact for more spill info:	Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
04/16/1999		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
MOTOR OIL	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

in vault box - on 800gal of water - 10 ppm - contained

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
 Con ed e2mis notes:

Approx 1 gallon of motor oil in TM on 800 gallons of water, unable to pressure test due to water condition, records show 10ppm, records show no sewer connection, contained no sewers or waterways effected. 4:55 hrs oil id indicates sample similar to lubricating oil. 8:35 hrs , <1.0ppm s.pace 49874.

Update: 4-17-99 1157 hrs this tm # is not 5794 it is 5764 o/s enviro op G.Jacobi went to location to confirm this. Update: 4/17/99 1800 hrs: J.Rutigliano of environmental operations reports cleanup completed at 1800 hrs.

Update: 4/19/99- enviro stop tag was in Tm, rather than 5794, and the address is 90th av & 169 st, rather than 90 st and 169 st. Incident is closed.

Map Identification Number 109 **MANHOLE 1292**
 NW CORNER JAMAICA & 169TH

Spill Number: 9900198 **Close Date: 06/10/2002**
 QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 2503 feet to the ENE

ADDRESS CHANGE INFORMATION
 Revised street: JAMAICA AVE / 169TH ST
 Revised zip code: 11432

Source of Spill: COMMERCIAL/INDUSTRIAL	Spiller: UNKNOWN - UNKNOWN	Spiller Phone:
Notifier Type: Other	Notifier Name: MR WAINWRIGHT	Notifier Phone: (212) 580-6763
Caller Name: STEPHEN CRIBBINS	Caller Agency: CON EDISON	Caller Phone: (212) 580-6763
DEC Investigator: CAENGELH	Contact for more spill info: STEPHEN CRIBBINS	Contact Person Phone: (212) 580-6763

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
04/06/1999		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	2.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

SPILL HAS BEEN CONTAINED-SAMPLES TAKEN-CLEANUP PENDING RESULTS

CON ED #124077.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"
 DEC INSPECTOR NOTES

5-12-99 16:14 E-Mailed ERTs for copy of E2MIS report.

CON ED E2MIS NOTES 5-12-99

Approx. 2 gals. of unknown oil on approx. 300 gals. of water in MH 1292. Spill contained, no sewers or waterways affected. Tag #15194 placed. Liquid sampl etaken on 4-6 hr. priority. Cleanup pending test results.

06-apr-1999 2100hrs clean up complete tag removed.

Update 4-06-99

Lab Seq.# 99-03498 PCB <1ppm

4/7/99 - NO LEAKING COMPANY EQUIPMENT. INCIDENT IS CLOSED.

Map Identification Number 110 **168-23 DOUGLAS AVE/QUEENS** **Spill Number: 8903532** **Close Date: 07/08/1989**
 168-23 DOUGLAS AVENUE NEW YORK CITY, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 2504 feet to the E

ADDRESS CHANGE INFORMATION
 Revised street: 16823 DOUGLAS AVE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL	Spiller: WONDERBREAD CO	Spiller Phone: (718) 526-3184
Notifier Type: Federal Government	Notifier Name:	Notifier Phone:
Caller Name: CHIEF MILLER	Caller Agency: USCG	Caller Phone: (212) 668-7936
DEC Investigator: RWAUSTIN	Contact for more spill info:	Contact Person Phone:

Spill Class: POSSIBLE RELEASE WITH MIN POTENTIAL FOR FIRE OR HAZARD (OR KNOWN REL W/ NO DAMAGE);NO DEC RESP;NO CORR ACTION REQUIRED

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/08/1989	07/08/1989	UNKNOWN	UNKNOWN	NO

NO MATERIAL INFORMATION GIVEN FOR THIS SPILL

Caller Remarks:

MAY BE FROM WATER COOLING TOWER, NYCPD CONTACTED.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "AUSTIN"
 07/08/89: DEC CONTACTED SITE & SPOKE WITH WONDERBREAD & NYCPD(103 PCT)AT SITE,100LB BROMINE CANISTER WAS LEAKING,BLDG EVACUATED,10 PEOPLE AFFECTEDBY GAS,CANISTER REMOVED & EMPTIED, COMPANY TO CLEAN OUT SYSTEM.

10/10/95: This is additional information about material spilled from the translation of the old spill file: BROMINE GAS.

Map Identification Number 111 **168-50 JAMAICA AVENUE**
 168-50 JAMAICA AVENUE

Spill Number: 9400568 **Close Date: 04/19/1994**
 QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: PARCEL MAPPING (3)
 Approximate distance from property: 2531 feet to the ENE

ADDRESS CHANGE INFORMATION
 Revised street: 16850 JAMAICA AVENUE
 Revised zip code: NO CHANGE

Source of Spill: RAILROAD CAR
 Notifier Type: Other
 Caller Name: GEORGE PASTOR
 DEC Investigator: SMMARTIN

Spiller:
 Notifier Name:
 Caller Agency: PETRO INC.
 Contact for more spill info:

Spiller Phone:
 Notifier Phone:
 Caller Phone: (718) 545-4500
 Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
04/13/1994	04/19/1994	OTHER	UNKNOWN		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

SPILL ON CELLAR FLOOR. SORBENT HAD BEEN APPLIED- MAY HAVE BEEN FROM PREVIOUS SUPPLIER DELIVERY.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MARTINKAT"

Map Identification Number 112 **94TH AVENUE**
 94TH AVENUE

Spill Number: 9314196 **Close Date: 03/04/1994**
 JAMAICA, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 2555 feet to the SW

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: 11435

Source of Spill: UNKNOWN Spiller: UNK Spiller Phone:
 Notifier Type: Affected Persons Notifier Name: Notifier Phone:
 Caller Name: MRS VOUGHT Caller Agency: CITIZEN Caller Phone: (718) 657-5050
 DEC Investigator: CAMMISA Contact for more spill info: Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
03/04/1994	03/04/1994	UNKNOWN	UNKNOWN		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	-40.00	UNKNOWN	0.00	UNKNOWN	SOIL

Caller Remarks:

ALEO RUNNING TOWARD 95TH AVE ON 148TH STREET - NO SOURCE STREET SPILL DEPT OF SANITATION CALLED TO SAND ROAD.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 113 **QUEENS CIVIL COURT** **Spill Number: 0011543** **Close Date: 05/14/2002**
 89-17 SUTPHIN BLVD QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: PARCEL MAPPING (3)
 Approximate distance from property: 2566 feet to the W

ADDRESS CHANGE INFORMATION
 Revised street: 8917 SUTPHIN BLVD
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: UNKNOWN Spiller Phone:
 Notifier Type: Affected Persons Notifier Name: Notifier Phone:
 Caller Name: OFFICER MALTZ Caller Agency: OFFICER MALTZ Caller Phone: (718) 262-7111
 DEC Investigator: SMSANGES Contact for more spill info: OFFICER MALTZ Contact Person Phone: (718) 262-7111

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
01/25/2001		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	0	GALLONS	0	GALLONS	AIR

Caller Remarks:

CALLER STATES FUMES ARE BEING BROUGHT INTO BUILDING FROM VENTILLATION SYSTEM - POSSIBLY COMING FROM ADJACENT BUILDING -
 CALLER TO CONTACT FIRE DEPT

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"
 Sangesland spoke to court officers and fire department on scene.

Problem came from "hot tar" burner being run on an adjacent roof top. Contractor is repairing a roof and running a "hot tar" burner. Fire Dept. says everything is now under control.

Map Identification Number 114 **VAULT 8891** **Spill Number: 9901931** **Close Date: 04/03/2002**
 EAST SUTPHIM BLVD QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 2612 feet to the WSW

ADDRESS CHANGE INFORMATION
 Revised street: SUTPHIN BLVD / JAMAICA AV
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN	Spiller: UNKNOWN	Spiller Phone:
Notifier Type: Affected Persons	Notifier Name: SAME	Notifier Phone:
Caller Name: BILL MURPHY	Caller Agency: CON EDISON	Caller Phone: (212) 580-6763
DEC Investigator: JHOCONNE	Contact for more spill info: BILL MURPHY	Contact Person Phone: (212) 580-6763

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/19/1999		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

THEY HAVE A SPILL IN THIER VAULT (UNKNOWN TYPE OIL) 4 OUNCES

SPILL CROSS STREET IS 208 FEET NORTH JAMAICA AVE.

CON ED #124979 PCB SAMPLE TAKEN PENDING CLEANUP RESULTS.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
Con Ed e2mis no. 124-979 notes:

15:18 5/19/99 R.RICE O.S. NETWORKS REPORTED FINDING 4 OZ. UNKNOWN OIL ON TOP OF 15 GAL. WATER IN VS8891 E/S SUTPHIN BLVD 208' N/O

JAMAICA AVE. WHILE DOING SCHED WORK. UNIT WAS PRESSURE TESTED O.K. NO SEWERS OR WATERWAYS AFFECTED. THERE IS A SUMP

PUMP IN VS. FOUND TO BE DEFECTIVE CREW WAS THERE TO REPAIR IT. COMPANY RECORDS SHOW OIL IN UNIT TO BE 73 PPM PCB A OIL

SAMPLE WAS TAKEN AND PUT IN FOR 4-6 HRS.PRIORITY. ...CLEAN UP PENDING OIL SAMPLE RESULTS. ..INSTALLED E.S.TAG #00210

5/19/99 22:15 HRS -- LAB SEQ #99-05261, <1.0 PPM PCB

20-may-1999 1210hrs . CLEANUP COMP USING SLIX AT THIS TIME TAG REMOVED.

UPDATE - 5/24/99 - INCIDENT IS CLOSED

Map Identification Number 115 **MANHOLE 1552**
SUTPHIN BLVD & JAMAICA AVENUE**Spill Number: 0601131**
QUEENS, NY NO ZIP PROVIDED**Close Date: 05/15/2006**

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 2612 feet to the WSW

ADDRESS CHANGE INFORMATION

Revised street: SUTPHIN BLVD / JAMAICA AVENUE

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Notifier Type: Responsible Party
Caller Name:
DEC Investigator: GDBREENSpiller:
Notifier Name:
Caller Agency:
Contact for more spill info: ERT DESK'Spiller Phone:
Notifier Phone:
Caller Phone:
Contact Person Phone: (212) 580-8383

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended		
04/28/2006		UNKNOWN	NO		NO		
Material Spilled		Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM		PETROLEUM	0	GALLONS	0	GALLONS	SOIL

 Caller Remarks:

was on a 72 hr. diminimus program
 2 pints of unknown oil on 900 gallons of water in manhole
 Ref 163998
 taken off program found an earthen sump during cleanup

 DEC Investigator Remarks:

05/15/06 - See e-docs for Con Ed report detailing cleanup and closure.

05/15/06 - See e-docs for Con Ed report detailing cleanup and closure.

163998. 4/28/2006 10:00 HRS. J. SEYFRIED #08371 OF UNDERGROUND REPORTS WHILE MAKING INSPECTION FOR WORK ON FEEDER 5Q38 (ACCT C7515) AT 09:45 HRS. FOUND APPROX. 2 PINTS UNKNOWN OIL ON APPROX. 900 GAL. WATER IN MH-1552. SPILL APPEARS TO BE CONTAINED. NO SEWERS OR WATERWAYS APPEAR TO BE AFFECTED. NO PRIVATE PROPERTY AFFECTED. NO FIRE OR SMOKE INVOLVED. ENV STOP TAG 52194 PLACED. LIQUID SAMPLE TAKEN. CHAIN OF CUSTODY FORM # EE-13932 MARKED FOR PCB TEST AND "E" PRIORITY TURNAROUND. CLEANUP PENDING RESULTS FROM CHEM LAB. 72-HOUR DEMINIMIS. W. WAINWRIGHT #17344

UPDATE 4-29-06 05:30HRS LAB SEQ# 06-04644-001 <1.0 PPM.

UPDATE 4/30/06 03:45 HRS ENV OPS COLONERO REPORTS FINDING AN EARTHEN SUMP. ALSO HE WASHED THE STRUCTURE THE BEST HE COULD AS STRUCTURE WAS MAKING WATER. THE MANHOLE IS OFF CENTER AND IS DEEP, AN EXTENSION LADDER WILL BE REQUIRED TO GET TO THE BOTTOM TO DO A COMPLETE CLEANUP AND TO SEAL THE EARTHEN SUMP. HE ALSO REPORTS THE VACTOR FILLED UP AND SUGGESTS A VISIT BY THE SUPV TO DETERMINE IF A TANKER SHOULD BE ORDERED. ENV TAG REMAINS IN PLACE. J ANDERSON

UPDATE 4/30/06 03:45 HRS CIG MARCINEK NOTIFIED OF EARTHEN SUMP AND REMOVAL FROM THE 72 HOUR PROGRAM. J ANDERSON

Map Identification Number 116 **104-11 164 ST**
 104-11 164 ST.

Spill Number: 0412522 **Close Date: 04/22/2005**
 QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 2623 feet to the SE

ADDRESS CHANGE INFORMATION
 Revised street: 10411 164TH ST
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL	Spiller: CHRIS HAAF	Spiller Phone: (917) 769-1263
Notifier Type: Other	Notifier Name: CHRIS HAAF	Notifier Phone: (917) 769-1263
Caller Name: CHRIS HAAF	Caller Agency: NYC DEP HAZ MAT	Caller Phone: (917) 769-1263
DEC Investigator: SFRAHMAN	Contact for more spill info: CHRIS HAAF	Contact Person Phone: (917) 769-1263

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;NO CORRECTIVE ACTION REQUIRED

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
02/25/2005		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	35.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

Material has been contained, will be put into a steel drum . looks like this material was emptied or cleaned a tank and it has been sitting in soil for a long time. Soil is contaminated.

DEC Investigator Remarks:

add to drum run
 04/22/05-SR// 'Drum run'took place 04/21/05- Ref spill# 9930008 & PIN #01036. No drum was found

site. Deck hose went under trailer during turn. Petroleum Tank Cleaners is onsite and his insurance company was also contacted. Spill on asphalt and no sewers or drains affected as per Russo. Spill is closed and site visit will be performed by DEC Rahman due to his residence being proximal to site.

Map Identification Number 118 **90-43 160TH ST/QUEENS**
 90-43 160TH ST

Spill Number: 8707224
 NEW YORK CITY, NY NO ZIP PROVIDED

Close Date: 11/22/1987

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (4)
 Approximate distance from property: 294 feet to the S

ADDRESS CHANGE INFORMATION

Revised street: 9043 160TH ST
 Revised zip code: NO CHANGE

Source of Spill: TANK TRUCK
 Notifier Type: Fire Department
 Caller Name:
 DEC Investigator: UNASSIGNED

Spiller: AJS STANDARD
 Notifier Name:
 Caller Agency:
 Contact for more spill info:

Spiller Phone: (718) 629-2200
 Notifier Phone:
 Caller Phone:
 Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/22/1987	11/22/1987	TANK OVERFILL	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	50.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

CLEAN UP DONE, NO RESPONSE NEEDED.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was " "

Map Identification Number 119 **89-61 162ND ST/QUEENS**
 89-61 162ND STREET

Spill Number: 9012150
 NEW YORK CITY, NY NO ZIP PROVIDED

Close Date: 02/21/1991

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 450 feet to the ENE

ADDRESS CHANGE INFORMATION
 Revised street: 8961 162ND STREET
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
 Notifier Type: Responsible Party
 Caller Name: RALPH
 DEC Investigator: TOMASELLO

Spiller: UNKNOWN
 Notifier Name:
 Caller Agency: BAERENKLAU
 Contact for more spill info:

Spiller Phone:
 Notifier Phone:
 Caller Phone: (718) 647-4200
 Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/21/1991	02/21/1991	HUMAN ERROR	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	3.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

TANK OVERFLOWED,CLEANED WITH SORBENTS.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 120 **89-61 162ND ST/QUEENS**
 89-61 162ND STREET

Spill Number: 8911584
 NEW YORK CITY, NY NO ZIP PROVIDED

Close Date: 12/08/1992

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 450 feet to the ENE

ADDRESS CHANGE INFORMATION
 Revised street: 8961 162ND STREET
 Revised zip code: NO CHANGE

Source of Spill: TANK TRUCK
 Notifier Type: Responsible Party
 Caller Name: ANGELA GERLIZZI
 DEC Investigator: SIGONA

Spiller: BAERENKLAU
 Notifier Name:
 Caller Agency: BAERENKLAU FUEL OIL
 Contact for more spill info:

Spiller Phone: (718) 328-1590
 Notifier Phone:
 Caller Phone: (718) 647-4200
 Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
03/08/1990	12/08/1992	HUMAN ERROR	UNKNOWN		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	10.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

DRIVER OVERFILLED THE TANK.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 121 X **Spill Number: 0111004** **Close Date: 12/28/2005**
 89-61 162ND ST JAMAICA, QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 450 feet to the ENE

ADDRESS CHANGE INFORMATION
 Revised street: 8961 162ND ST
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL	Spiller: MR SONTORE	Spiller Phone: (718) 743-6858
Notifier Type: Other	Notifier Name:	Notifier Phone:
Caller Name: FREDERICK CAPUTO	Caller Agency: BAYSIDE FUEL OIL CO	Caller Phone: (718) 946-4000 ext. 2
DEC Investigator: rmpiper	Contact for more spill info: MR SONTORE	Contact Person Phone: (718) 743-6858

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
02/19/2002		EQUIPMENT FAILURE	YES		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	20.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

beleived to be a broken oil line that caused the spill - buried tank - no oil outside bldg - confined to basement - millrow

environmental will be doing the clean up

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SAWYER"
 1/5/04-Vought-Spill transferred from Vought to Austin.
 1/27/04 - Sawyer - Spill transferred from Austin to Sawyer.
 12/28/05- DEC Piper received closure request letter and disposal manifests for approx 14 yds of contaminated soil. Closure accepted.

Map Identification Number 122 **OFFICE BUILDING** **Spill Number: 0111056** **Close Date: 02/22/2002**
 89-51 162ND ST QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 455 feet to the NE

ADDRESS CHANGE INFORMATION

Revised street: 8951 162ND ST
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL	Spiller: UNK - BAY SIDE OIL	Spiller Phone: (718) 946-4000
Notifier Type: Affected Persons	Notifier Name: ERNEST AUGUSTUS	Notifier Phone: (212) 274-6523
Caller Name: ERNEST AUGUSTUS	Caller Agency: NYC HUMAN RESOURCE ADMIN	Caller Phone: (212) 274-6523
DEC Investigator: JBVOUGHT	Contact for more spill info: ERNEST AUGUSTUS	Contact Person Phone: (212) 274-6523

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
02/19/2002		TANK OVERFILL	NO		NO	

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
#2 FUEL OIL	PETROLEUM	200.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

OIL COMPANY MADE DELIVERY AND OVERFILLED TANK CAUSING ATLEAST
 200 GALLONS TO SPILL ONTO A BASEMENT FLOOR.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "VOUGHT"

2/22/2002-VOUGHT-See spill #0111004 at same location. Spill closed by Vought.

Map Identification Number 123 **TRANSFORMER #7359**
89TH AVE. /161 STREET

Spill Number: 0312596 **Close Date: 04/20/2004**
QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 565 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: 89TH AVE / 161ST ST
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
Notifier Type: Responsible Party
Caller Name: PAUL DIDONETO
DEC Investigator: SKARAKHA

Spiller: ERT DESK - TRANSFORMER #7359
Notifier Name: PAUL DIDONETO
Caller Agency: CON ED
Contact for more spill info: ERT DESK

Spiller Phone: (212) 580-8383
Notifier Phone: (212) 580-6764
Caller Phone: (212) 580-6764
Contact Person Phone: (212) 580-8383

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/12/2004		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	323.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

LEAKING IN SUMP AND IS CONTAINED: CLEAN UP IS IN PROGRESS: NO SEWERS WATERWAYS OR FIRES:

DEC Investigator Remarks:

e2mis 152071

2/12/04 1058 Hrs - Adam Adler # 80 Networks reports while cleaning structure for replacement of VS7359 found 5 oz unknown oil on concrete floor and there is a pinhole in unit. Upon further inspection and dipping of unit found there is a 323 gallon loss of oil from unit. Mfr tag reads unit holds 343 gallons of oil. I requested A. Adler to double check and make sure that this unit had not been previously drained and he confirmed at 1120hrs that this unit had not been drained and that there is a loss of 323 gallons of oil. Env. ops truck # 60605 has been contaminated while cleaning structure which was full of mud and leave and due to amount of oil will continue with clean up and take samples of earthen sump and return truck to yard until sample results. No fire/smoke involed. No sewers or waterways affected. Sample being taken from unit, chain of custody # CC17478, Evn. stop tag # 32345 placed. Historical results were 12ppm dated 1992.

Update - 2/12/04 1225hrs

A. Vallone, env ops mech reports took 1 sample from sump and sealed sump with cement.

2/12/04 13:52 HRS. -- ERT A. FIORE ISSUED EPA ID # NYP004118014.

2/12/ 14:00 HRS -- A. VALLONE OF QUEENS ENV. OPS. REPORTS ENV. STOP TAG LEFT IN PLACE AND TRUCK IS BEING BROUGHT BACK TO COLLEGE POINT AVE YARD AND WILL BE QUARANTINED.

UPDATE @ 1439 HRS 2/12 A.ADLER REPORTS TRANSFORMER DRAINED REMOVED A TOTAL OF 5 GALLON GALLONS.#12255 VDC.

2/12/04 145 HRS. -- E. CORTES OF BROOKLYN/QUEENS EH&S REPORTS AS OF THIS POINT A NEW TRANSFORMER HAS BEEN INSTALLED. ENV. STOP TAG TO REMAIN IN PLACE PENDING PCB RESULTS. FLUSH TRUCK RETURNED TO YARD FOR QUARENTINE. TRUCK NOT TO BE DUMPED UNTI EH&S IS PRESENT. CORTES SPOKE TO DEP HAZMAT MAHENDRA RAMNARINE; GAVE HIM UPDATE AS TO STATUS AND THAT JOB WON'T BE COMPLETED UNTIL RESULTS ARE BACK. SUMP HAS BEEN DUG UP AND CEMENTED. DEP REQUESTED COPY OF EMIS REPORT TO BE FAXED TO HIM. DEP LEFT LOCATION. 5 GAL OIL WAS DRAINED FROM THE TRANSFORMER. CORTES WILL BE LEAVING LOCATION IN 5 MIN.R. QUIIJE REPORTED TO D. HEARNS THAT CLEANUP WAS COMPLETE AS OF:45

amd

Map Identification Number 124 MANHOLE 2659 NORTHWEST Spill Number: 0206409 Close Date: 01/20/2004
CORNER 161 ST AT 89TH AVE QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 565 feet to the NNW

ADDRESS CHANGE INFORMATION
Revised street: 161ST ST / 89TH AVE
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: LARRY COSTA - CON ED Spiller Phone: (212) 580-6763
Notifier Type: Responsible Party Notifier Name: MR LICATA Notifier Phone: (212) 580-6763
Caller Name: LARRY COSTA Caller Agency: CON ED Caller Phone: (212) 580-6763
DEC Investigator: KMFOLEY Contact for more spill info: LARRY COSTA Contact Person Phone: (212) 580-6763

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
09/19/2002		EQUIPMENT FAILURE	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

NO SMOKE OR FIRE - NO WATERWAYS - 1/2 OUNCE SPILL

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "FOLEY"
 Con Ed e2mis #145146:

19-SEP-2002 1400HRS LICATA # 29724 O/S CABLE REPORTS. FOUND 1/2 OZ DIELECTRIC FLUID LEAK FROM CABLE IN M-2659 NO WATER IN

STRUCTURE. NO FIRE OR SMOKE NO PRIVATE PROPERTY AFFECTED. NO INJURIES. IT IS CONTAINED TO STRUCTURE. NO SEWERS OR WATERWAYS AFFECTED. AS PER S MOHONEY ERT. WILL USE SAMPLE FROM PREVIOUS INCIDENT # 145123 LSN # 08730. LESS THAN 1PPM. IT WAS CLEANED UP YESTERDAY. PLACED ENVIROMENTAL STOP TAG # 29909. THIS WILL BE ON THE COMPANY 24 HOUR DIMINIMIS PROGRAM. CIG MCKEEVER NOTIFIED @ 1534HRS

UPDATE: SEPT 20-2002 1030 HRS THIS INCIDENT WILL COME OFF THE 24 HOUR DIMINIMIS PROGRAM BECAUSE THERE IS A D FAULT IN THE

STRUCTURE. D FAULT #61 L COSTA NOTIFIED @ 1039HRS

1/20/04

Cleanup completed 4/18/03. Repairs made on 4/18/04.

Map Identification Number 125 **MANHOLE #5468**
 PARSONS BLVD & JAMAICA AV

Spill Number: 0010112
 QUEENS, NY NO ZIP PROVIDED

Close Date: 08/30/2002

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 600 feet to the SSW

ADDRESS CHANGE INFORMATION

Revised street: PARSONS BLVD / JAMAICA AV
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL	Spiller: SAME - CON ED	Spiller Phone: (212) 580-6763
Notifier Type: Responsible Party	Notifier Name: MR REEDY	Notifier Phone: (212) 580-6763
Caller Name: ANTHONY NATALE	Caller Agency: CON EDISON	Caller Phone: (212) 580-6763
DEC Investigator: KMFOLEY	Contact for more spill info: ANTHONY NATALE	Contact Person Phone: (212) 580-6763

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
12/08/2000		EQUIPMENT FAILURE	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

1 oz will be cleaned up pending test results - Con Ed #134672

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "FOLEY" e2mis no. 134-672:

08-DEC-2000 0030HRS PICHARDO# 17034 MAINTENCE SERVICE DEPT REPORTS FOUND 1 OZ DIELECTRIC FLUID ON CABLE AND FLOOR OF M-5468

NO WATER IN HOLE IT IS CONTAINED. NO SEWERS OR WATERWAYS APPEAR TO BE AFFECTED. TOOK SAMPLE ON A 4 TO 6 HR TURNAROUND AND WILL CLEAN UP PENDING RESULTS.

Update - 12/7/00 - lab sample results received - seq # 00-11507 - PCB 5 PPM.

11:30HRS A. VALLONE (FLUSH) REPORTS, CLEANUP COMPLETED TAG# 24775 WAS REMOVED AND SUMP WAS SEALED.

UPDATE : 3/5/02 - FLUSH CREWS REPORTED NO LEAKING EQUIPMENT AFTER CLEANUP WAS COMPLETED.

Map Identification Number 126 **160-11 89TH AVE**
 160-11 89TH AVE

Spill Number: 0612572 **Close Date: 06/26/2007**
 JAMAICA, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 631 feet to the NNW

ADDRESS CHANGE INFORMATION
 Revised street: 16011 89TH AVE
 Revised zip code: NO CHANGE

Source of Spill: TANK TRUCK
 Notifier Type: Responsible Party
 Caller Name:
 DEC Investigator: rmpiper

Spiller:
 Notifier Name:
 Caller Agency:
 Contact for more spill info: HILLSIDE AVE DEVELOPEMENT

Spiller Phone:
 Notifier Phone:
 Caller Phone:
 Contact Person Phone: (917) 817-8455

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
02/20/2007		TANK OVERFILL	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	35.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

SPILL IS ONTO A PARKING LOT. SOME OIL IS ALSO ON THE SIDEWALK. DRIVER IS ON SCENE, OTHER CREWS ENROUTE.

DEC Investigator Remarks:

DEC Piper repsonded to site. Approx 75-100 gallons of #2 on parking lot and into street. Area is iced over so removal is tough. Area is approx 60' in dia. T &S was subbed by Castle. This spill was a surface spill to asphalt. Piper observed T& S cleaning. This spill is closed,

Map Identification Number 127 **SHELTON HOUSES**
 89-09 162ND STREET

Spill Number: 9507109 **Close Date: 09/12/1995**
 JAMAICA, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 637 feet to the NNE

ADDRESS CHANGE INFORMATION
 Revised street: 8909 162ND STREET
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: NYC HOUSING AUTHORITY Spiller Phone: (212) 306-3229
 Notifier Type: Local Agency Notifier Name: NYC HOUSING AUTHORITY Notifier Phone:
 Caller Name: SEBASTIAN LORIFICE Caller Agency: NYC HOUSING AUTHORITY Caller Phone: (212) 306-3233
 DEC Investigator: HEALY Contact for more spill info: Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
09/11/1995	09/12/1995	DELIBERATE	YES		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
WASTE OIL/USED OIL	PETROLEUM	1.00	GALLONS	1.00	GALLONS	SOIL

Caller Remarks:

SOMEONE DUMPED MOTOR OIL INTO SUMP PIT. WINSTON CREW TO CLEAN.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 128 **BALLEY HEALTH** **Spill Number: 0302175** **Close Date: 06/02/2003**
 159-26 JAMAICA AVENUE QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 641 feet to the S

ADDRESS CHANGE INFORMATION
 Revised street: 15926 JAMAICA AVENUE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: FF MCCORMICK - BALLEY HEALTH Spiller Phone: (347) 539-0559
 Notifier Type: Fire Department Notifier Name: FF MCCORMICK Notifier Phone:
 Caller Name: FF MCCORMICK Caller Agency: NYC HAZMAT Caller Phone: (347) 539-0559
 DEC Investigator: TJDEMEO Contact for more spill info: FF MCCORMICK Contact Person Phone: (347) 539-0559

Spill Class: POSSIBLE REL WITH MIN POTENTIAL FOR FIRE OR HAZARD (OR KNOWN REL W/ NO DAMAGE);NO DEC RESP;WILLING RP;CORR ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
05/31/2003		EQUIPMENT FAILURE	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
ETHYLENE GLYCOL	HAZARDOUS MATERIAL	200.00	GALLONS	0.00	GALLONS	SOIL

 Caller Remarks:

BROKEN VALVE OR PIPE

 DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "DEMEO"
 NON REGULATED MATERIAL RELEASE - CLOSED

Map Identification Number 129 ON STREET **Spill Number: 0512868** **Close Date: 02/07/2006**
 163 RD ST AND ARCHER AVE QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (4)
 Approximate distance from property: 1094 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: 163RD ST / ARCHER AVE
 Revised zip code: 11433

Source of Spill: COMMERCIAL VEHICLE	Spiller: JOSEPHIONE - ON STREET	Spiller Phone:
Notifier Type: Responsible Party	Notifier Name: JOSEPHINE BROWN	Notifier Phone: (646) 996-7634
Caller Name: JOSEPHINE BROWN	Caller Agency: NYC TRANSIT	Caller Phone: (646) 996-7634
DEC Investigator: SFRAHMAN	Contact for more spill info: JOSEPHIONE	Contact Person Phone:

Spill Class: POSSIBLE REL WITH MIN POTENTIAL FOR FIRE OR HAZARD (OR KNOWN RELEASE W/ NO DAMAGE);DEC RESP;WILLING RP;CORR ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/07/2006		TRAFFIC ACCIDENT	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	120.00	GALLONS	0.00	GALLONS	SEWER

 Caller Remarks:

city bus hit a raised manhole cover-struck tank-fuel ran into a drain or other sewer system-none recovered

 DEC Investigator Remarks:

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER Spiller: NICK - HILLCREST HIGH SCHOOL Spiller Phone: (718) 739-2369
 Notifier Type: Other Notifier Name: Notifier Phone:
 Caller Name: Caller Agency: Caller Phone:
 DEC Investigator: rmpiper Contact for more spill info: NICK Contact Person Phone: (718) 739-2369

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
06/12/2007		EQUIPMENT FAILURE	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
HYDRAULIC OIL	OTHER	150.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

SHIELD ON ELEVATER SHAFT BLEW OUT AND 150 GALLONS WENT INTO SEWER SYSTEM

DEC Investigator Remarks:

Sangesland spoke to woman at in the school office about the spill event. She said that she noticed a problem with the elevator at 6AM today as the building was opening up. There was a burning smell (burnt seal) and the elevator didn't work. Elevator company "Broadway Elevator" 800-541-9542 was called. They determined that there was a loss of hydraulic oil from the tank through the burnt/broken seal. As of 12 noon on 6/12/2007 no work was done on the site. "Billy" was the service rep from Broadway Elevator, he said there was a loss of hydraulic oil but he didn't know where it went. Piper called the school again around 2PM to discuss the spill.

DEC Piper spoke w. School. All oil wnr into storm drain. DEP has been notified and will be ready for it at their plant. Elevator is out of service and the main seal will be replaced shortly. No oil in school or vapors. School will call immediately if addition info turns up. CLOsed.

Map Identification Number 132 MANHOLE 5116
 PARSONS BLVD & 87TH AVE

Spill Number: 0008024 Close Date: 12/14/2001
 QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1987 feet to the NW

ADDRESS CHANGE INFORMATION
 Revised street: PARSONS BLVD / 87TH AVE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL	Spiller: CALLER - CON ED	Spiller Phone: (212) 580-6763
Notifier Type: Responsible Party	Notifier Name:	Notifier Phone:
Caller Name: BRIAN JOYCE	Caller Agency: CON EDISON	Caller Phone: (212) 580-6763
DEC Investigator: KMFOLEY	Contact for more spill info: CALLER	Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
10/09/2000		EQUIPMENT FAILURE	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	100.00	GALLONS	0.00	GALLONS	SEWER

Caller Remarks:

TRANSFORMER LEAKED. NO CLEANUP STARTED. CON ED #133843.

pcb result 87 ppm - oil pumped from vault and transformer and

100 gals recovered - transformer holds 210 gals oil - 110 gals

missing - assumed released to sewer

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "FOLEY"
 Con Ed e2mis #133843 Notes:

10-9-00 Found transformer leaked 100gal transformer oil into manhole. Historical data shows 91ppm PCBs. Structure contains soil drain. Cleanup to begin as 50-499. Sample taken.

Steve Zalloughi of Env. Ops. reports the oil was removed from floor of structure. Transformer is being drained at this time. Capacity is 210gal. Tanker removed 100gal oil from structure and unit combined. 30gal came from unit. Lab result returned 87ppm. Found dirt sump and dug down 10" to check for oil leakage and found portion of oil did penetrate the dirt.

In process of digging sump to take soil samples for PCBs, VOCs and SVOCs at 40" deep. Unit will be removed tomorrow and structure will be double washed again. Backfilled sump pit with sand and hydraulic cement.

10-10-00 Removed defective transformer. Removed 7 drums of solid debris which was manifested. Double washed structure with slix. Removed 240gal wash water and manifested. Installed a new transformer.

10-11-00 Sump samples returned 4ppm from walls and 3ppm from bottom of sump.

Map Identification Number 133 QUEENS COUNTY COURTHOUSE
89-17 SUTPHIN BLVD

Spill Number: 0211815 Close Date: 02/28/2003
QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2442 feet to the WSW

ADDRESS CHANGE INFORMATION

Revised street: 8917 SUTPHIN BLVD
Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
Notifier Type: Responsible Party
Caller Name: RAY LARA
DEC Investigator: TJDEMEO

Spiller: PETE - QUEENS COUNTY COURTHOUSE
Notifier Name:
Caller Agency: PETROLEUM TANK
Contact for more spill info: CALLER

Spiller Phone: (718) 206-3249
Notifier Phone:
Caller Phone: (718) 624-4842
Contact Person Phone:

Spill Class: KNOWN RELEASE THAT CREATES POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
02/28/2003		EQUIPMENT FAILURE	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	100.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

leak at oil pump on burner. cleanup not started yet.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "DEMEO" closed and cross referenced to 0211812. Rommel

Map Identification Number 134 **168-23 DOUGLAS AVENUE**
 168-23 DOUGLAS AVENUE

Spill Number: 9506937
 QUEENS, NY NO ZIP PROVIDED

Close Date: 09/07/1995

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 2504 feet to the E

ADDRESS CHANGE INFORMATION

Revised street: 16823 DOUGLAS AVE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL VEHICLE
 Notifier Type: Fire Department
 Caller Name: MUSSORFITI
 DEC Investigator: MCTIBBE

Spiller: WONDER BREAD
 Notifier Name:
 Caller Agency: NYC HAZMAT
 Contact for more spill info:

Spiller Phone:
 Notifier Phone:
 Caller Phone: (917) 882-5464
 Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
09/07/1995		TRAFFIC ACCIDENT	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	100.00	GALLONS	0.00	GALLONS	SEWER

Caller Remarks:

METAL ROD IN ROAD PIERCED FUEL TANK - FD ON SCENE

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE" handled by fdny

Map Identification Number 135 **QUEENS CIVIL COURT**
 89-17 SUTPHIN BLVD

Spill Number: 0211812
 JAMAICA, NY NO ZIP PROVIDED

Close Date: 04/08/2004

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (3)
 Approximate distance from property: 2566 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: 8917 SUTPHIN BLVD
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
 Notifier Type: Responsible Party
 Caller Name: JOSEPH DIDESIDERO
 DEC Investigator: TJDEMEO

Spiller: JOSEPH DIDESIDERO - NYC DCAS
 Notifier Name: RALPH PALIERCIO
 Caller Agency: NYC DCAS
 Contact for more spill info: JOSEPH DIDESIDERO

Spiller Phone: (212) 669-7242
 Notifier Phone:
 Caller Phone: (212) 669-7242
 Contact Person Phone: (212) 669-7242

Spill Class: KNOWN RELEASE THAT CREATES POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
02/28/2003		EQUIPMENT FAILURE	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	250.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

due to leak in guages - contained in vault.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "DEMEO"
 02/28/03

See also closed spill 0211815.

DeMeo on site. Spill contained in vault. PTC retained for cleanup. Rommel

2/28/03 TJD

Site visit. Approximately 200 gallons #2 Oil spilled from defective site gauge. All petroleum contained inside tank vault. PTC retained for cleanup, they responded to site with vacuum truck. All liquids removed, floor squeegeed dry. Power washing necessary. No sampling required. Documentation including disposal manifests required prior to spill closure.

Tank registration not available at time of inspection. Database search by JMR revealed no tank registration at site exists. Building super (Petros Xinogalos - 718 206 3249) was provided a PBS registration application, instruction sheet and a copy of regulations. He was further directed to register tank.

4/8/04 TJD

Cleanup completed. No subsurface impacts. Disposal documentation not submitted. Spill administratively closed.

Map Identification Number 136 **LIRR** **Spill Number: 0005944** **Close Date: 05/26/2005**
 JAMAICA AV & SUTPHIN BL JAMAICA, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 2612 feet to the WSW

ADDRESS CHANGE INFORMATION
 Revised street: SUTPHIN BLVD / JAMAICA AV
 Revised zip code: NO CHANGE

Source of Spill: RAILROAD CAR Spiller: LOU WUNDERLICH - LIRR Spiller Phone: (718) 558-3252
 Notifier Type: Responsible Party Notifier Name: P. O'HARA Notifier Phone:
 Caller Name: ANNE LIPUMA Caller Agency: LONG ISLAND RAILROAD Caller Phone: (718) 558-8204
 DEC Investigator: MCTIBBE Contact for more spill info: ANNE LIPUMA Contact Person Phone: (718) 558-8204

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
08/18/2000		EQUIPMENT FAILURE	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
HYDRAULIC OIL	OTHER	175.00	GALLONS	175.00	GALLONS	SOIL

Caller Remarks:

JAMAICA STATION. BROKEN HYDRAULIC LINE ON RAIL CAR. SPILLED ONTO DIRT ADJACENT TO THE TRACKS. TO BE CLEANED UP IN THE MORNING.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "DEMEO"

3/23/05 - Austin - Transferred from DeMeo to Tibbe - end

05/26/05: LIRR submit spill documentation on 07/31/01. A hose on a track maintenance vehicle sprayed approximately 175 gallon of hydraulic oil on approximately 400 feet of track ballast. The oil penetrated thhe ballast approximately 6 inches. Soil is 18 inches below ballast. No visible impact to soil. LIRR responded and removed the impacted ballast, approximately 40 cubic yards. Contaminated ballast was properly disposed of.

Map Identification Number 137

95TH AVE & 148TH ST

Spill Number: 9914434

Close Date: 02/14/2003

JAMAICA, QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 2623 feet to the SW

ADDRESS CHANGE INFORMATION

Revised street: 95TH AVE / 148TH ST
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
 Notifier Type: Citizen
 Caller Name: MURIEL WILLIAMS
 DEC Investigator: SMSANGES

Spiller: UNKNOWN
 Notifier Name:
 Caller Agency: CITIZEN
 Contact for more spill info: CALLER

Spiller Phone:
 Notifier Phone:
 Caller Phone: (718) 739-7661
 Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
03/22/2000		ABANDONED DRUM	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	110.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

CALLER REPORTED TWO (POSS 55 GAL) DRUMS ON SIDEWALK.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"
 3/33/00

Spoke to Muriel. She said the drums have been there for 14 months. Looked into database, found spill #9814212.

The plastic drums are currently not leaking, however they are missing the circular cap on top.

As per Muriel, DEP came last February and sampled and marked the drums. JMR

ADMINISTRATIVE CLOSURE - AUSTIN

Map Identification Number 138

148TH ST & 95TH AVE

Spill Number: 9914065

Close Date: 03/16/2000

QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 2623 feet to the SW

ADDRESS CHANGE INFORMATION

Revised street: 148TH ST / 95TH AVE
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
 Notifier Type: Local Agency
 Caller Name: TASHA GERENA
 DEC Investigator: SMSANGES

Spiller: UNKNOWN
 Notifier Name: KIM HANNAH
 Caller Agency: DEP
 Contact for more spill info:

Spiller Phone:
 Notifier Phone: (917) 641-6936
 Caller Phone: (718) 595-6777
 Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
03/13/2000		ABANDONED DRUM	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
WASTE OIL/USED OIL	PETROLEUM	110.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

CALLER REPORTING THAT (2) 55 GALLON DRUMS OF WASTE OIL WERE FOUND IN THE AREA OF ABOVE. DEP REQ SOMEONE TO PICK UP.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"
 PIN #01036 ABANDONED DRUM

SEE SPILL #9930008

Map Identification Number 139

148TH ST & 95TH AV

Spill Number: 9814213

Close Date: 07/07/2003

NEW YORK, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 2623 feet to the SW

ADDRESS CHANGE INFORMATION

Revised street: 148TH ST / 95TH AV
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: UNKNOWN Spiller Phone:
 Notifier Type: Local Agency Notifier Name: STANLEY BALDWIN Notifier Phone: (718) 595-4658
 Caller Name: STANLEY BALDWIN Caller Agency: NYC DEP Caller Phone: (718) 595-4658
 DEC Investigator: RWAUSTIN Contact for more spill info: Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
02/25/1999		ABANDONED DRUM	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
WASTE OIL/USED OIL	PETROLEUM	110.00	GALLONS	110.00	GALLONS	SOIL

Caller Remarks:

2 55 GALLON DRUMMS WERE DISCOVERED ON THE SIDE OF THE ROAD FILLED WITH WASTE OIL.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "AUSTIN"
 DEC Sigona closed spill on May 12, 2003, no further info available the drums were handled by DEC/DEP.

7/7/03 -AUSTIN - SPILL CLOSED IN TEXT OF REMARKS, BUT NOT IN DATABASE - I CLOSED IT - END

Map Identification Number 140 **VAULT #6898** **Spill Number: 0306405** **Close Date: 10/27/2003**
 148TH ST & 95TH AV QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION ADDRESS CHANGE INFORMATION
 Site location mapped by: ADDRESS MATCHING Revised street: 148TH ST / 95TH AV
 Approximate distance from property: 2623 feet to the SW Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: CALLER - CON ED Spiller Phone:
 Notifier Type: Responsible Party Notifier Name: ANDREW MORRIS Notifier Phone: (212) 580-6763
 Caller Name: ANDREW MORRIS Caller Agency: CON EDISON Caller Phone: (212) 580-6763
 DEC Investigator: SKARAKHA Contact for more spill info: ANDREW MORRIS Contact Person Phone: (212) 580-6763

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended		
09/17/2003		EQUIPMENT FAILURE	NO		NO		
Material Spilled		Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
TRANSFORMER OIL		PETROLEUM	125.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

TRANSFORMER RUPTURED IN THE VAULT, SAMPLES TAKEN - CON ED SPILL #150368 - TRANSFORMER OIL WAS MEASURED, AND IT'S COMING UP 125 GALS SHORT ON OIL - PCB LEVEL IS 4PPM

DEC Investigator Remarks:

C.HOFFMAN # 88477 SUPERVISOR B/Q EQUIPMENT REPORTS FINDING APPROX GALLONS OF DIELECTRIC FLUID ON DIRT & DEBRIS IN SUMP PIT. TRANSFORMER SHOWS A CAPACITY OF 265 GALLONS. TRANSFORMER

IS 125 GALLONS LOW VIA DIPPING OF TRANSFORMER. TOP OF TRANSFORMER RUPTUED. NO SEWERS OR WATERWAYS APPEAR AFFECTED, NO FIRE OR SMOKE INVOLVED, NO INJURIES OR PRIVATE PROPERTY INVOLVED. HISTORICAL SHOWS PPM PCB. TRANSFORMER PREVIOUSLY LEC IN SEPT OF 2000. LIQUID SAMPLE TAKEN MARKED FOR 24 HOUR PROGRAM. CHAIN OF CUSTODY FORM AA09205 FILLED OUT. ENVIROMENTAL OPS

H.CORTEZ NOTIFIED @ 1159 HRS 9/17. DID SEARCH OF E2MIS RECORDS FOUND NO RECORD OF ANY CLEANUP IN TM-6898. CREW REMAINS ON

LOCATION PENDING ENVIROMENTAL OPS. #1255 VDC.

HRS 9/17. #12255 VDC.

9/17/03 14:28 SR. SPECIALIST B/Q EH&S E. CORTEZ REPORTS THAT AT 13:30 DEP ON LOCATION HE EXPLAINED CLEANUP PLAN. THEY WERE

SATISFIED AND LEFT AT 14:51.

MR CORTEZ ALSO REPORTS ERT DAVID DUKE ON LOCATION AT 14:28. OVER 50 TANKER & FLUSH& NETWORK DEPARTMENT ON LOC.

NETWORKS SIGNED ON FDR TO DRAIN UNIT.

9/17/03 15:15 E.CORTEZ REPORTS ERT LEFT LOCATION NETWORKS DRAINING UNIT. HE WILL BE LEAVING LOCATION AT 15:30. THERE WILL BE NO

SUPERVISOR ON LOCATION.

Environmental Detailed Incident Report

9/17/03 16:45 C.HOFFMAN REPORTS TANKER REMOVED 85 GALLONS OF OIL FROM TRANSFORMER AND SUMP . TRANSFORMER REMOVED FROM STRUCTURE. RESULTS RECIEVED, LAB SEQUENCE # 03-07698-001 19 PPM, NOTIFIED FLUSH SUPERVISOR BAMONTE.

Update - 9/17/03 - 1800hrs

Notifying CIG of upgrade to 180 gallon transformer oil from 3 gallons.

R. Elliot CIG notified @ 1809hrs

UPDATE: 17-SEP-2003 1915HRS DOUBLE WASHED WITH BIO GEN 760. REMOVED ALL LIQUIDS. FOUND SUMP SEALED. REMOVED TAG 14867. JOB COMPLETE 100%

Update - 9/19/03 @ 1510 hrs - Updated event involved materials and event involved persons lists. Additionally, changed organization from Networks to Flush

Operations.

THE FOLLOWING CLOSED SPILLS FOR THIS CATEGORY WERE REPORTED BETWEEN 1/8 MILE AND 1/2 MILE FROM THE SUBJECT ADDRESS. THESE SPILLS WERE REPORTED TO BE LESS THAN 100 UNITS IN QUANTITY AND CAUSED BY: EQUIPMENT FAILURE, HUMAN ERROR, TANK OVERFILL, DELIBERATE SPILL, TRAFFIC ACCIDENT, HOUSEKEEPING, ABANDONED DRUM, OR VANDALISM. THESE SPILLS ARE NEITHER MAPPED NOR PROFILED IN THIS REPORT.

FACILITY ID	FACILITY NAME	STREET	CITY
9907199	VS 3804	162 ST AND 89 AVE	QUEENS
8605242	155-01 90TH AVE.	155-01 90TH AVE.	NEW YORK CITY
9411339	163-27 JAMAICA AVENUE	163-27 JAMAICA AVENUE	JAMAICA
0010310	ARCHER AVE/PARSONS BLVD	ARCHER AVE/PARSONS BLVD	QUEENS
0410228	APARTMENT BUILDING	163-03 89TH AVE	JAMAICA, QUEENS
8601850	CON.-ED. PCB OIL QUEENS	8916 164TH ST.	HOWARD BEACH
0502727	BUILDING	153-15 89TH AVE	QUEENS
8805989	AMERADA HESS	89-02 164 ST	NEW YORK CITY
0307235		153ST & JAMAICA AV	QUEENS
9813853	#0284 VAULT	164TH ST & 89TH AVE	QUEENS
0308843	BUILDING	8941 164TH STREET	QUEENS
0211910	TESSER MEATS	87-84 PARSONS BLVD	JAMAICA
9413149	87-84 PARSONS BLVD	87-84 PARSONS BLVD	JAMAICA
0211870	AMY'S HILLSIDE LAUNDROMAT	159-10A HILLSIDE AV	JAMAICA
0200688	RESTAURANT	HILLSIDE AV	QUEENS
0010723	VAULT #9246	88-02 164TH ST	NEW YORK
0210009		165TH ST/89TH AV	QUEENS
8803421	165TH ST & 89TH AVE	165TH ST & 89TH AVE	QUEENS

8803426	165TH ST & 89TH AVE/QUNS	165TH ST & 89TH AVE	NEW YORK CITY
0608852	DR. OFFICE	8928 MERRICK BLVD	JAMAICA
0412414	VAULT # 3356	91-22 MERRICK BLVD	QUEENS
0314241		87-86 153 ST.	QUEENS
0611734	BUS SPILL	164TH ST/HILLSIDE AVE	JAMAICA
0206721	89TH AVE BY	166TH ST	QUEENS
0106690	89TH AV AND	MERRICK BLVD	QUEENS
0405535	VAULT 9474	SOUTHSIDE 89TH AVE/26 ' O	QUEENS
0403059		153RD ST AND HILLSIDE AVE	QUEENS
9500344	153RD ST & HILLSIDE AVE	153RD ST & HILLSIDE AVE	QUEENS
0602775	NYC TRANSIT	153 RD ST / HILLSIDE AV	QUEENS
0608204	TRUCK SADDLE TANK SPILL	HILLSIDE AVE/165TH ST	QUEENS
0300894		166-O5 89TH AVE	JAMAICA
0502034	VAULT # 2226	150TH STREET/ 89TH AVE	QUEENS
0206837		157TH ST AND TUCKERPONT ST	QUEENS
9612800	165TH ST /CLINTON TERR	165TH ST /CLINTON TERR	QUEENS
9612801	POKHAI RESIDENCE	89-10 150 TH ST	JAMAICA
9613702	159TH ST/LIBERTY AV	159TH ST/LIBERTY AV	QUEENS
9501232	165-01 HILLSIDE AVE	165-01 HILLSIDE AVE	JAMAICA
0709406	EXXON MOBIL	165 -01 HILLSIDE AVE	QUEENS
0600198	MANHOLE # 17870	150 STREET & ARCHER AVENUE	QUEENS
0410840	CHURCH	162-10 HIGHLAND AVE	JAMAICA, QUEENS
9700037	150-20 150-22 HILLSIDE	BACKYARD-HOUSE-BUSINESS	JAMAICA
0111951		MERRICK BL & HILLSIDE AV	QUEENS
0500625	NYC TRANSIT BUS LEAK	166 ST MERRICK AV	JAMAICA
9803231		90-11 149TH ST	JAMAICA
9912463		90-11 149TH STREET	JAMAICA
8910565	91-24 168TH ST/QUEENS	91-24 168TH STREET	NEW YORK CITY
9514027	148-48 88TH AVE	148-48 88TH AVE	QUEENS
9514029	JAMAICA ASSOCIATES	148-48 88TH AVENUE	JAMAICA
0107827	VS7389	HIGHLAND AVE & 164TH ST	QUEENS
0605736	IFO JUNK YARD	95-41 TUCKERTON STREET	QUEENS
0308302	MAN HOLE # 12887	168TH ST/91ST AVE	QUEENS
0402465	PARKING LOT	150-15 HILLSIDE AVE	NEW YORK CITY
0607524	MANHOLE #909	90TH AVE/168TH STREET	QUEENS
9109998	148-22 89TH AVE/PILGRAM	148-22 89TH AVE	JAMAICA
0514831	BUILDING	87-74 150TH STREET	QUEENS
9903083		TUCKERTON ST	QUEENS
9211531	103 PRECINCT NYPD -DDC	168-02 91ST AVENUE	QUEENS
0612381	MULTI RESIDENCE	162-15 HIGHLAND AVE	QUEENS
0507993	AUTO BODY SHOP	94-15 MERRICK BOULVARD	QUEENS
9601260	PHONE CO. GARAGE	9540 TUCKERTON ST	JAMAICA
9713877	95-40 TUCKERTON STREET	95-40 TUCKERTON STREET	JAMAICA
9900524	BELL ATLANTIC	95-40 TUCKERTON ST	JAMAICA, QUEENS

9001935	DOCTOR'S OFFICE	168-18 JAMAICA AVENUE	JAMAICA
9513920	KILARAS DINER	167-16 HILLSIDE AVE	JAMAICA
0008634	RESIDENTS	148-25 88TH AVE	QUEENS
0208509		148-25 88TH AVE	QUEENS
9210394	148-25 88TH AVE	148-25 88TH AVE	JAMAICA
0412292	A 2000 AUTO & GLASS	155-17 LIBERTY AVE	JAMAICA, QUEENS
9508597	164-20 86TH ROAD	164-20 86TH ROAD	JAMAICA
9214375	150-40 86TH AVE.	150-40 86TH AVE	JAMAICA
9207624	148-23 94TH AVE	148-23 94TH AVE	JAMAICA
0512210	168TH PL	92-11 168 PLACE	
0504113	TRANSFORMER V#7438	148TH/88TH AVE	QUEENS
0613424	KERMAN RESIDENCE	160-14 NORMAL RD	JAMAICA
9803012		168-36 88TH AVE	JAMAICA
0703411	MVA WITH A TRUCK	LIBERTY AVE AND MERRICK B	JAMAICA
0305399	S JAMACA HOUSING	106-15 159TH ST	JAMAICA
9903396	ONE TRANSMISSION	168-21 HILLSIDE AVENUE	JAMAICA, 168-19
0208376		87-54 168TH PL	JAMAICA
0405683	MANHOLE #15479	90TH AVE. AND 169TH STREE	QUEENS
0513290	JAMAICA AVE/169TH ST	JAMAICA AVE/169TH ST	QUEENS
9406239	168-23 DOUGLAS AVE	168-23 DOUGLAS AVE	JAMAICA
9104347	168-23 DOUGLAS AVE/CONT	168-23 DOUGLAS AVE/CONT	JAMAICA
0306878	93-30 170TH ST	93-30 170TH ST	QUEENS
0006759	EAST COAST AUTO SALVAGE 2	150-05 LIBERTY AVE	JAMAICA, QUEENS
8807387	93-05 168TH ST/QUEENS	93-05 168TH STREET	NEW YORK CITY
9303995	93-05 168 ST	93-05 168TH ST	JAMAICA
9515840	INDUS REALITY	168-42 88TH AVE	QUEENS
9314950	87-29 168TH STREET	87-29 168TH STREET	JAMAICA
0112226	BETWEEN 94TH & 95TH AV	148TH ST BET 94TH & 95TH	QUEENS
9902985		148TH ST BET 94TH & 95T	QUEENS
9511005	85-40 161ST STREET	85-40 161ST STREET	JAMAICA
9907638	VAULT 8891	SUTPHIN BLVD & JAMACIA AV	QUEENS
0511160	HRA BUILDING	90-71 SUPTHIN BLVD	JAMAICA
0305894		SUTPHIN BL / 89TH AVE	FLUSHING
9614704	148-31 87 RD	148-31 87 RD	NEW YORK CITY



NO OIL STORAGE FACILITIES LARGER THAN 400,000 GALLONS IDENTIFIED WITHIN 1/8 MILE SEARCH RADIUS



PETROLEUM BULK STORAGE FACILITIES LESS THAN 400,000 GALLONS IDENTIFIED WITHIN THE 1/8 MILE SEARCH RADIUS

PLEASE NOTE: * Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 141 JAMAICA CENTER HOLDING CO. INC. **Facility Id: 2-607434 Source: NYS DEC**
 90-04 161 STREET QUEENS, NY 11432

MAP LOCATION INFORMATION
 Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 122 feet to the NNW*

ADDRESS CHANGE INFORMATION
 Revised street: 9004 161ST ST
 Revised zip code: NO CHANGE

Facility Type: Other
 Site Status: Active
 Expiration Date of the facility's registration certificate: 02/19/2012
 Operator Name: EDWIN ROSADO
 Owner Name: MARY N REDA - DIRECTOR
 Owner Company: JAMAICA CENTER HOLDING CO. INC.
 Owner Address: 90-04 161 STREET, JAMAICA, NY 11432

Operator Phone #: (718) 658-6028
 Owner Type: Corporate or Commercial

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
1	In Service	#2 Fuel Oil	10000	Aboveground - in contact with soil	03/01/1984		

TANK NUMBER: 1	TANK TYPE: Steel/Carbon Steel/Iron	TK INT. PROTECTION: None
TANK EXT. PROTECTION: Painted/Asphalt Coating	TANK LEAK DETECTN: None	TK SEC. CONTAINMNT: None
PIPING EXT. PROTECTN: Painted/Asphalt Coating	PIPING LEAK DETECTN: Exempt Suction Piping	PIPE SEC. CONTAINMNT:
PIPING TYPE: Steel/Carbon Steel/Iron	PIPING LOCATION: Aboveground/Underground Combination	DISPENSER METHOD: Suction
OVERFILL PROTECTION: Vent Whistle	SPILL PREVENTION:	

Map Identification Number 142 GREATER JAMAICA DEV CORP **Facility Id: NY04424 Source: NYC FIRE DEPT**
 90-04 161 ST QUEENS, NY 11432

MAP LOCATION INFORMATION
 Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 122 feet to the NNW*

ADDRESS CHANGE INFORMATION
 Revised street: 9004 161 ST
 Revised zip code: NO CHANGE

Comments: F O #2 10000G & NAT GAS

Map Identification Number 143 **SALVATION ARMY**
 90-23 161 ST

Facility Id: NY08834 **Source: NYC FIRE DEPT**
 QUEENS, NY 11432

MAP LOCATION INFORMATION
 Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 201 feet to the E

ADDRESS CHANGE INFORMATION
 Revised street: 9023 161 ST
 Revised zip code: NO CHANGE

Comments: FUEL OIL #4 3000G NO FEE

Map Identification Number 144 **ST. CHRISTOPHER-OTTLIE**
 89-30 161ST ST

Facility Id: 2-045683 **Source: NYS DEC**
 JAMAICA, NY 11432

MAP LOCATION INFORMATION
 Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 235 feet to the NNW

ADDRESS CHANGE INFORMATION
 Revised street: 8930 161ST ST
 Revised zip code: NO CHANGE

Facility Type: Unknown
 Site Status: Unregulated
 Expiration Date of the facility's registration certificate: 12/02/1991
 Operator Name: ST. CHRISTOPHER-OTTLIE
 Owner Name:
 Owner Company: PARCEL ONE INC
 Owner Address: 22ND FL 271 MADISON AVE, NEW YORK, NY 10016

Operator Phone #: (718) 262-0439

Owner Type:

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
029	Closed - In Place	#2 Fuel Oil	3000	Underground		11/01/1987	04/01/1991

TANK NUMBER: 029
 TANK EXT. PROTECTION: None
 PIPING EXT. PROTECTN: None
 PIPING TYPE: Steel/Carbon Steel/Iron
 OVERFILL PROTECTION: Product Level Gauge (A/G)

TANK TYPE: Steel/Carbon Steel/Iron
 TANK LEAK DETECTN: None
 PIPING LEAK DETECTN:
 PIPING LOCATION: No Piping
 SPILL PREVENTION:

TK INT. PROTECTION: None
 TK SEC. CONTAINMNT: None
 PIPE SEC. CONTAINMNT:
 DISPENSER METHOD: Suction

Map Identification Number 145 **YORK SIDE TOWERS II**
 89-44 162ND STREET

Facility Id: 2-610280 **Source: NYS DEC**
 JAMAICA, NY 11432

MAP LOCATION INFORMATION
 Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 268 feet to the NNE

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code:

Facility Type: Apartment Building/Office Building
 Site Status: Active
 Expiration Date of the facility's registration certificate: 09/14/2009
 Operator Name: CIAMPA MANAGEMENT LLC
 Owner Name: DOUGLAS CIAMPA - MEMBER
 Owner Company: CIAMPA 162 LLC
 Owner Address: 136-26 37TH AVE, FLUSHING, NY 11354

Operator Phone #: (718) 939-4888
 Owner Type: Corporate or Commercial

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	In Service	#2 Fuel Oil	10000	Aboveground on crib, rack, or cradle	09/14/2004		

Map Identification Number 146 **89-31 161ST STREET**
 89-31 161ST STREET

Facility Id: 2-602823 **Source: NYS DEC**
 JAMAICA, NY 11432

MAP LOCATION INFORMATION
 Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 276 feet to the NNE

ADDRESS CHANGE INFORMATION
 Revised street: 8931 161ST STREET
 Revised zip code: NO CHANGE

Facility Type: Other
 Site Status: Active
 Expiration Date of the facility's registration certificate: 09/12/2010
 Operator Name: ROBERT ROSA
 Owner Name: MICHAEL A. MCMENAMIN, ESQ. - LEGAL COUNSEL
 Owner Company: 89-31 JAMAICA LLC
 Owner Address: 41 WEST 47TH STREET, FIFTH FLOOR, NEW YORK, NY 10036

Operator Phone #: (718) 298-6414
 Owner Type: Corporate or Commercial

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	In Service	#2 Fuel Oil	6000	Aboveground - in contact with soil			

Map Identification Number 147 **FIRST REFORMED CHURCH**
 159-29 90TH AVE

Facility Id: 2-216496 **Source: NYS DEC**
 JAMAICA, NY 11432

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 318 feet to the NW

ADDRESS CHANGE INFORMATION

Revised street: 15929 90TH AVE
 Revised zip code: NO CHANGE

Facility Type: Unknown
 Site Status: Active
 Expiration Date of the facility's registration certificate: 10/15/2007
 Operator Name: FIRST REFORMED CHURCH
 Owner Name:
 Owner Company: FIRST REFORMED CHURCH
 Owner Address: 159-29 90TH AVE, JAMAICA, NY 11432

Operator Phone #: (718) 658-6333
 Owner Type:

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
612	In Service	#6 Fuel Oil	2000	Underground			

Map Identification Number 148 **89-20 161ST ST**
 89-20 161ST ST

Facility Id: 2-369489 **Source: NYS DEC**
 JAMAICA, NY 11432

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 336 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: 8920 161ST ST
 Revised zip code: NO CHANGE

Facility Type: Apartment Building/Office Building
 Site Status: Active
 Expiration Date of the facility's registration certificate: 04/12/2010
 Operator Name: ALBERT CRUZ
 Owner Name: PARKASH 89 20 161 LLC - OWNER
 Owner Company: PARKASH 89 20 161 LLC
 Owner Address: 172-14 89 AVE, JAMAICA, NY 11432

Operator Phone #: (718) 739-0502
 Owner Type: Corporate or Commercial

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	In Service	#2 Fuel Oil	3000	Aboveground - in contact with soil	12/01/1940		

Map Identification Number 149 JAMAICA DISTRICT HEALTH CENTER
 90-37 PARSONS BLVD

Facility Id: 2-218944 Source: NYS DEC
 QUEENS, NY 11432

MAP LOCATION INFORMATION
 Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 363 feet to the SW

ADDRESS CHANGE INFORMATION
 Revised street: 9037 PARSONS BLVD
 Revised zip code: NO CHANGE

Facility Type: Other
 Site Status: Unregulated
 Expiration Date of the facility's registration certificate: 10/15/1997
 Operator Name: NYC DEPARTMENT OF HEALTH
 Owner Name:
 Owner Company: NYC DEPARTMENT OF HEALTH
 Owner Address: 125 WORTH ST, NEW YORK, NY 11432

Operator Phone #: (718) 262-5586
 Owner Type: Local Government

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	Closed - In Place	#2 Fuel Oil	5000	Underground	12/01/1952	09/01/1988	08/01/1996

Map Identification Number 150 JAMAICA YMCA
 89-25 PARSONS BOULEVARD

Facility Id: 2-246565 Source: NYS DEC
 JAMAICA, NY 11432

MAP LOCATION INFORMATION
 Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 401 feet to the WNW

ADDRESS CHANGE INFORMATION
 Revised street: 8925 PARSONS BLVD
 Revised zip code: NO CHANGE

Facility Type: Trucking/Transportation/Fleet Operation
 Site Status: Active
 Expiration Date of the facility's registration certificate: 07/07/2007
 Operator Name: MR. GILBERTO GALLEGO
 Owner Name:
 Owner Company: YMCA OF GREATER NEW YORK
 Owner Address: 333 SEVENTH AVE, NEW YORK, NY 10001

Operator Phone #: (718) 739-6600
 Owner Type: Corporate or Commercial

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	In Service	#2 Fuel Oil	5200	Aboveground - in contact with soil	06/01/1986		

Map Identification Number 151 **89-61 162ND STREET**
 89-61 162ND STREET

Facility Id: 2-600020 **Source: NYS DEC**
 JAMAICA, NY 11434

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 453 feet to the ENE

ADDRESS CHANGE INFORMATION
 Revised street: 8961 162ND STREET
 Revised zip code: 11432

Facility Type: Unknown
 Site Status: Unregulated
 Expiration Date of the facility's registration certificate: 03/20/1996
 Operator Name: 89-61 162ND STREET REALTY CO
 Owner Name:
 Owner Company: 89-61 162ND STREET REALTY CO
 Owner Address: P O BOX 34, BRONX, NY 10472

Operator Phone #: (212) 328-1590
 Owner Type:

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	Tank Converted to Non-Regulated Use	#2 Fuel Oil	1000	Underground			08/01/1996

Map Identification Number 152 **DOMINICAN COMMERCIAL HIGH SCHOOL**
 161-06 89TH AVE

Facility Id: 2-400165 **Source: NYS DEC**
 JAMAICA, NY 11432

MAP LOCATION INFORMATION
 Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 455 feet to the N

ADDRESS CHANGE INFORMATION
 Revised street: 16106 89TH AVE
 Revised zip code: NO CHANGE

Facility Type: School
 Site Status: Active
 Expiration Date of the facility's registration certificate: 06/28/2008
 Operator Name: WILSON CRISTIAN
 Owner Name:
 Owner Company: SISTERS OF ST DOMINIC
 Owner Address: 555 ALBANY AVE, AMITYVILLE, NY 11701

Operator Phone #: (718) 739-2060
 Owner Type: Corporate or Commercial

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
2S1	Closed - In Place	#2 Fuel Oil	5000	Underground, vaulted, with access	08/01/1972	05/01/1992	05/01/1989
K01	In Service	#2 Fuel Oil	5000	Underground	08/01/1974	07/18/2003	
M1N	Closed - In Place	#2 Fuel Oil	5000	Underground	07/01/1970	03/01/1998	07/17/2003

Map Identification Number 153 **DOMINICAN COMMERCIAL**
89-25 161 ST

Facility Id: NY03325 **Source: NYC FIRE DEPT**
QUEENS, NY 11432

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 455 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: 8925 161 ST
Revised zip code: NO CHANGE

Comments: FUEL OIL 5000G #4 NO FEE

Map Identification Number 154 **DOMINCAN COMERCIAL**
89-01 161 ST

Facility Id: NY03323 **Source: NYC FIRE DEPT**
QUEENS, NY 11432

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 455 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: 8901 161 ST
Revised zip code: NO CHANGE

Comments: 1 TK1000 GAL FO#4 TOTAL 10000 GAL
1 TK5000 GAL FO#4
NOFEE

Map Identification Number 155 **NORTHWOOD TERRACE**
160-10 89TH AVENUE

Facility Id: 2-062006 **Source: NYS DEC**
JAMAICA, NY 11432

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 474 feet to the NNW

ADDRESS CHANGE INFORMATION
Revised street: 16010 89TH AVENUE
Revised zip code: NO CHANGE

Facility Type: Apartment Building/Office Building
Site Status: Active
Expiration Date of the facility's registration certificate: 01/14/2012
Operator Name: JOSE MATOS
Owner Name: KINGSTON NELSON - PROPERTY MANAGER
Owner Company: JAMAICA TOWERS OWNERS INC
Owner Address: 118-21 QUEENS BLVD, FOREST HILLS, NY 11375

Operator Phone #: (718) 658-0698
Owner Type: Corporate or Commercial

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	In Service	#2 Fuel Oil	15000	Aboveground on crib, rack, or cradle	12/01/1961		

Map Identification Number 156 **160-08 JAMAICA AVENUE**
 160-08 JAMAICA AVENUE

Facility Id: 2-510165 **Source: NYS DEC**
 JAMAICA, NY 11432

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 502 feet to the SSE

ADDRESS CHANGE INFORMATION
 Revised street: 16008 JAMAICA AVENUE
 Revised zip code: NO CHANGE

Facility Type: Apartment Building/Office Building
 Site Status: Active
 Expiration Date of the facility's registration certificate: 01/23/2011
 Operator Name: ESTATE OF FRED STARK
 Owner Name: ELIZABETH FARRELL - AGENT
 Owner Company: ESTATE OF FRED STARK
 Owner Address: 198-10 JAMAICA AVENUE, HOLLIS, NY 11423

Operator Phone #: (718) 465-3600
 Owner Type: Corporate or Commercial

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	In Service	#2 Fuel Oil	5000	Aboveground - 10% or more below ground	12/01/1956		

Map Identification Number 157 **WESTWOOD TERRACE**
 89-15 PARSONS BOULEVARD

Facility Id: 2-061999 **Source: NYS DEC**
 JAMAICA, NY 11432

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 513 feet to the WNW

ADDRESS CHANGE INFORMATION
 Revised street: 8915 PARSONS BOULEVARD
 Revised zip code: NO CHANGE

Facility Type: Apartment Building/Office Building
 Site Status: Active
 Expiration Date of the facility's registration certificate: 01/14/2012
 Operator Name: EDUARDO DELCASTILLO
 Owner Name: KINGSTON NELSON - PROPERTY MANAGER
 Owner Company: JAMAICA TOWERS OWNERS INC
 Owner Address: 118-21 QUEENS BLVD-SUITE 316, FOREST HILLS, NY 11375

Operator Phone #: (718) 657-5525
 Owner Type: Corporate or Commercial

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	In Service	#2 Fuel Oil	20000	Aboveground on crib, rack, or cradle	12/01/1961		

Map Identification Number 158 **FRED STARK** **Facility Id: NY04049** **Source: NYC FIRE DEPT**
 161-02 JAMAICA AVE QUEENS, NY 11432

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 540 feet to the SE

ADDRESS CHANGE INFORMATION
 Revised street: 16102 JAMAICA AVE
 Revised zip code: NO CHANGE

Comments: FUEL OIL 3000G

Map Identification Number 159 **162-11 JAMAICA AVENUE REALTY ASSOCIATES** **Facility Id: 2-600059** **Source: NYS DEC**
 162-17 JAMAICA AVENUE JAMAICA, NY 11432

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 558 feet to the E

ADDRESS CHANGE INFORMATION
 Revised street: 16217 JAMAICA AVENUE
 Revised zip code: NO CHANGE

Facility Type: Unknown
 Site Status: Unregulated
 Expiration Date of the facility's registration certificate: 04/19/2001
 Operator Name: MR. KIM
 Owner Name:
 Owner Company: 162-11 JAMAICA AVENUE REALTY ASSOCIATES
 Owner Address: 114 AVE T. - C/O ABECO MGMT., BROOKLYN, NY 11223

Operator Phone #: (718) 523-7003
 Owner Type: Corporate or Commercial

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	Closed - Removed	#2 Fuel Oil	3000	Underground			07/27/1999

Map Identification Number 160 **RUBY INTERNATIONAL INC.** **Facility Id: NY08683** **Source: NYC FIRE DEPT**
 162-17 JAMAICA AVE QUEENS, NY 11432

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 558 feet to the E

ADDRESS CHANGE INFORMATION
 Revised street: 16217 JAMAICA AVE
 Revised zip code: NO CHANGE

Comments: FUEL OIL 3000G #4

Map Identification Number 161 **NYC DEPT OF PUB WORKS**
 161-04 JAMAICA AVE

QUEENS, NY 11433 **Facility Id: NY07410** **Source: NYC FIRE DEPT**

MAP LOCATION INFORMATION
 Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 563 feet to the SE

ADDRESS CHANGE INFORMATION
 Revised street: 16104 JAMAICA AVE
 Revised zip code: 11432

Comments: FUEL OIL 2 3000G
 NO FEE

Map Identification Number 162 **COMMUNITY MEDIATION SERVICES, INC.**
 89-64 163RD STREET

JAMAICA, NY 11332 **Facility Id: 2-602878** **Source: NYS DEC**

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 580 feet to the ENE

ADDRESS CHANGE INFORMATION
 Revised street: 8964 163RD STREET
 Revised zip code: 11432

Facility Type: Other
 Site Status: Unregulated
 Expiration Date of the facility's registration certificate: 12/27/2001
 Operator Name: MAKR KLEIMAN
 Owner Name:
 Owner Company: COMMUNITY MEDIATION SERVICES, INC.
 Owner Address: 89-64 163RD STREET, JAMAICA, NY 11332

Operator Phone #: (718) 523-6868
 Owner Type: Corporate or Commercial

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	Closed - In Place	#2 Fuel Oil	3500	Underground			

Map Identification Number 163 **BASTRICH REALTY CORP.**
 89-64 163 ST

QUEENS, NY 11432 **Facility Id: NY01842** **Source: NYC FIRE DEPT**

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 580 feet to the ENE

ADDRESS CHANGE INFORMATION
 Revised street: 8964 163 ST
 Revised zip code: NO CHANGE

Comments: FUEL OIL 3500GALS

Map Identification Number 164 **90-50 PARSONS BOULEVARD**
 90-50 PARSONS BOULEVARD

Facility Id: 2-245275 **Source: NYS DEC**
 JAMAICA, NY 11432

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 587 feet to the SSW

ADDRESS CHANGE INFORMATION

Revised street: 9050 PARSONS BOULEVARD
 Revised zip code: NO CHANGE

Facility Type: Other
 Site Status: Active
 Expiration Date of the facility's registration certificate: 07/07/2007
 Operator Name: PARSCO REALTY CORP
 Owner Name:
 Owner Company: PARSCO REALTY CORP
 Owner Address: 90-50 PARSONS BOULEVARD, JAMAICA, NY 11432

Operator Phone #: (212) 490-3000
 Owner Type: Corporate or Commercial

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	In Service	#2 Fuel Oil	2500	Underground	12/01/1928	04/18/2003	

Map Identification Number 165 **JP MORGAN CHASE MANHATTAN BANK**
 161-10 JAMAICA AVENUE

Facility Id: 2-608363 **Source: NYS DEC**
 JAMAICA, NY 11432

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 595 feet to the SE

ADDRESS CHANGE INFORMATION

Revised street: 16110 JAMAICA AVENUE
 Revised zip code: NO CHANGE

Facility Type: Other
 Site Status: Active
 Expiration Date of the facility's registration certificate: 02/25/2008
 Operator Name: SAL RIZZA
 Owner Name:
 Owner Company: JP MORGAN CHASE
 Owner Address: 4 METRO TECH CENTER, BROOKLYN, NY 11254

Operator Phone #: (718) 242-7980
 Owner Type: Corporate or Commercial

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
1	In Service	#2 Fuel Oil	5000	Aboveground on crib, rack, or cradle			

Map Identification Number 166 NEW WHITMAN HOME FOR ADULTS
160-11 89TH AVENUE

Facility Id: 2-109134 Source: NYS DEC
QUEENS, NY 11432

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 631 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: 16011 89TH AVE
Revised zip code: NO CHANGE

Facility Type: Other
Site Status: Active
Expiration Date of the facility's registration certificate: 04/20/2008
Operator Name: ISAACK SOSKIN
Owner Name:
Owner Company: MR. STEVE ZAKHEIM
Owner Address: 160-11 89TH AVENUE, JAMAICA, NY 11432

Operator Phone #: (718) 739-5200
Owner Type: Corporate or Commercial

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	In Service	#2 Fuel Oil	4000	Underground, vaulted, with access			

Map Identification Number 167 SHELTON HOUSES (BAISLEY PARK)
89-09 162ND STREET

Facility Id: 2-475696 Source: NYS DEC
JAMAICA, NY 11432

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 637 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: 8909 162ND STREET
Revised zip code: NO CHANGE

Facility Type: Apartment Building/Office Building
Site Status: Active
Expiration Date of the facility's registration certificate: 03/28/2009
Operator Name: FUEL OIL REM. COORD.
Owner Name: FUEL OIL REMEDIATION COORD. - FUEL OIL REMEDIATION COORDINATOR
Owner Company: NYC HOUSING AUTHORITY
Owner Address: 23-02 49TH AVENUE, LONG ISLAND CITY, NY 11101

Operator Phone #: (718) 707-5725
Owner Type: NYC Housing Authority (Local Gov)

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
1	In Service	#2 Fuel Oil	8000	Underground	09/01/2000		
OLD 1	Closed - Removed	#2 Fuel Oil	20000	Underground	10/01/1978	05/01/1995	08/01/2000
The following tank(s) were either deleted from the reported data or the number was re-assigned.							
001	IN SERVICE	#1 2 OR 4 FUEL OIL	20000	UNDERGROUND	10/01/1978	05/01/1995	
NEW TK #1	IN SERVICE	#1 2 OR 4 FUEL OIL	8000	UNDERGROUND	09/01/2000		
OLD TK #1	CLOSED-RMVD FROM GROUND	#1 2 OR 4 FUEL OIL	20000	UNDERGROUND	10/01/1978	05/01/1995	08/01/2000

**** TANK INFO CONTINUES ON NEXT PAGE ****

Map Identification Number 168 **YORK REALTY**
 162-20 JAMAICA AVE

Facility Id: NY10517 **Source: NYC FIRE DEPT**
 QUEENS, NY 11432

MAP LOCATION INFORMATION
 Site location mapped by: PARCEL MAPPING (4)
 Approximate distance from property: 643 feet to the ESE

ADDRESS CHANGE INFORMATION
 Revised street: 16220 JAMAICA AVE
 Revised zip code: NO CHANGE

Comments: FUEL OIL 2500GALS #2

Map Identification Number 169 **BRISTOL QUEENS CORP**
 161-01 89TH AVE

Facility Id: 2-109592 **Source: NYS DEC**
 JAMAICA, NY 11432

MAP LOCATION INFORMATION
 Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 656 feet to the N

ADDRESS CHANGE INFORMATION
 Revised street: 16101 89TH AVE
 Revised zip code: NO CHANGE

Facility Type: Unknown
 Site Status: Unregulated
 Expiration Date of the facility's registration certificate: 06/05/1992
 Operator Name: BRISTOL QUEENS CORP
 Owner Name:
 Owner Company: BRISTOL REALTY CORP
 Owner Address: 161-01 89TH AVD, JAMAICA, NY 11432

Operator Phone #: (718) 526-2551

Owner Type:

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	Closed - Removed	#2 Fuel Oil	1500	Aboveground - in contact with soil			12/01/1991

US EPA RCRA Type: **CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR** Notification date: 05/11/1995 Part A notification date: 05/11/1995
 Land Disposal: Receives offsite waste: Incinerator:
 Storer: Treatment facility: Transporter:

NYS DEC Manifested Waste Summary:
 Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR
B006	PCB Transformers.	181	KILOGRAMS	GENERATED	1995

Toxicity Information Summary

CHEMICAL NAME	CAS-NO	ACUTE TOX	TUMOR TOX	MUTAG TOX	REPRO TOX	IRRIT TOX	MCL
PCB Transformers.	1336363	X	X		X		5 ug/L

Map Identification Number 172 **NYSDEC Name:** **BROOKLYN UNION GAS** **Facility Id: NYR000006007**
 NYSDEC Address: 8967 162ND ST JAMAICA, NY 11432
 EPA (RCRA) Name: BROOKLYN UNION GAS - JAMAICA
 EPA (RCRA) Address: 8967 162ND ST JAMAICA, NY 114325071

MAP LOCATION INFORMATION
 Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 461 feet to the E

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

US EPA RCRA Type: **GENERATOR TYPE NOT GIVEN** Notification date: 06/05/1995 Part A notification date: 06/05/1995
 Land Disposal: Receives offsite waste: Incinerator:
 Storer: Treatment facility: Transporter:

Historically listed as the following USEPA RCRA Generator Size(s) as well:
 SMALL QUANTITY GENERATOR

NYS DEC Manifested Waste Summary:
 Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR
B002	Petroleum oil or other liquid containing 50 ppm < PCBs < 500 ppm	18	KILOGRAMS	GENERATED	2004

Toxicity Information Summary

CHEMICAL NAME	CAS-NO	ACUTE TOX	TUMOR TOX	MUTAG TOX	REPRO TOX	IRRIT TOX	MCL
Petroleum oil or other liquid containing 50 ppm < PCBs < 500	1336363	X	X		X		5 ug/L

Map Identification Number 176 **NYSDEC Name:** **JAMAICA CENTER FOR ARTS & LEARNING INC** **Facility Id: NYR000116749**
 NYSDEC Address: 161-04 JAMAICA AVE JAMAICA, NY 11432
 EPA (RCRA) Name: JAMAICA CENTER FOR ARTS & LEARNING INC
 EPA (RCRA) Address: 161-04 JAMAICA AVE JAMAICA, NY 11432

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 567 feet to the SE

ADDRESS CHANGE INFORMATION

Revised street: 16104 JAMAICA AVE
 Revised zip code: NO CHANGE

US EPA RCRA Type: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR Notification date: 07/07/2003 Part A notification date: 07/07/2003
 Land Disposal: Receives offsite waste: Incinerator:
 Storer: Treatment facility: Transporter:

NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR
NONE	Site reported by US EPA. No hazardous waste activity reported by NYS.				

Map Identification Number 177 **NYSDEC Name:** **CONSOLIDATED EDISON COMPANY OF NEW YORK** **Facility Id: NYP004031464**
 NYSDEC Address: V4902-16247 JAMAICA AVE QUEENS, NY 11401
 EPA (RCRA) Name: V4902
 EPA (RCRA) Address: 162-17 JAMAICA AVENUE NEW YORK CITY, NY 11932

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 569 feet to the E

ADDRESS CHANGE INFORMATION

Revised street: 16217 JAMAICA AVE
 Revised zip code: 11432

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN Notification date: 0
 Land Disposal: Receives offsite waste: Incinerator:
 Storer: Treatment facility: Transporter:

NYS DEC Manifested Waste Summary:
 Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR
B002	Petroleum oil or other liquid containing 50 ppm < PCBs < 500 ppm	1045	KILOGRAMS	GENERATED	1999

Toxicity Information Summary

CHEMICAL NAME	CAS-NO	ACUTE TOX	TUMOR TOX	MUTAG TOX	REPRO TOX	IRRIT TOX	MCL
Petroleum oil or other liquid containing 50 ppm < PCBs < 500	1336363	X	X		X		5 ug/L

Map Identification Number 178 **NYSDEC Name: SUNSHINE CLEANERS** **Facility Id: NYD982793168**
 NYSDEC Address: 89-26 163RD STREET JAMAICA, NY 11432
 EPA (RCRA) Name: SUNSHINE CLEANERS
 EPA (RCRA) Address: 89-26 163RD ST JAMAICA, NY 11432

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 590 feet to the NE

ADDRESS CHANGE INFORMATION
 Revised street: 8926 163RD STREET
 Revised zip code: NO CHANGE

US EPA RCRA Type: SMALL QUANTITY GENERATOR Notification date: 08/03/1989 Part A notification date: 08/03/1989
 Land Disposal: Receives offsite waste: Incinerator:
 Storer: Treatment facility: Transporter:

Historically listed as the following USEPA RCRA Generator Size(s) as well:
 LARGE QUANTITY GENERATOR

NYS DEC Manifested Waste Summary:
 Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.



NO CHEMICAL STORAGE FACILITIES IDENTIFIED WITHIN 1/8 MILE SEARCH RADIUS



NO HISTORIC UTILITY SITES IDENTIFIED WITHIN 1/8 MILE SEARCH RADIUS



NO HAZARDOUS SUBSTANCE WASTE DISPOSAL SITES IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS



NO TOXIC AIR, LAND AND WATER RELEASES IDENTIFIED WITHIN 1/8 MILE SEARCH RADIUS



NO WASTEWATER DISCHARGES IDENTIFIED WITHIN 1/8 MILE SEARCH RADIUS



AIR DISCHARGE FACILITIES IDENTIFIED WITHIN THE 1/8 MILE SEARCH RADIUS

PLEASE NOTE: * Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 180

SUNSHINE DRY CLEANERS
89-26 163RD STREET

Facility Id: 3608100754
QUEENS, NY 11432

State-county CDS Id: 3608100754
State-county NED id:

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 617 feet to the NE

ADDRESS CHANGE INFORMATION

Revised street: 8926 163RD STREET
Revised zip code: NO CHANGE

CDS-ID: 00754 NED-ID: None Given
Plant Phone #1: None Given Plant Phone #2: None Given

EPA-ID: None Given

FINDS-ID: None Given

Operating Status: OPERATING

EPA Classification:

State Classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR

EPA Plant Compliance Status:

State Plant Compliance Status: UNKNOWN COMPLIANCE STATUS

AIR PROGRAM INFORMATION

Regulatory Air Program: MACT (SECTION 63 NESHAPS)

Program Status: OPERATING

POLLUTANT INFORMATION

Pollutant: TETRACHLOROETHYLENE (PERCHLOROETHYLENE)

State Pollutant Compliance for this pollutant: UNKNOWN COMPLIANCE STATUS



NO CIVIL & ADMINISTRATIVE ENFORCEMENT DOCKET FACILITIES IDENTIFIED WITHIN THE 1/8 MILE SEARCH RADIUS



NYC ENVIRONMENTAL QUALITY REVIEW REQUIREMENTS - "E" DESIGNATION SITES IDENTIFIED WITHIN 250 FT SEARCH RADIUS

PLEASE NOTE: * Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 181 BLOCK: 9757 LOT: 18
 90-04 161 STREET

MAP LOCATION INFORMATION
 Site location mapped by: MAP COORDINATE (1)
 Approximate distance from property: 0 feet

ADDRESS CHANGE INFORMATION
 Revised street: No Change
 Revised zip code: No Change

BBL #	E No.	CEQR No.	ULURP No.	NYC Zoning Maps	Effective Date	Lot Remediation Date	Description
4-09757-0018	E-175	05DCP081Q	070314ZMQ	14d	09/10/2007		Underground Gasoline Storage Tanks Testing Protocol Window Wall Attenuation & Alternate Ventilation

U.S. EPA EMERGENCY RESPONSE NOTIFICATION SYSTEM (ERNS)
AT THE LOCATION OR POTENTIALLY AT THE LOCATION OF
90-11 to 90-14 161st Street
Queens, NY 11432

* Any ERNS Spills listed below are NOT mapped in this report *

ONSITE ERNS (A count of these spills can be found in the distance interval table):
THIS SITE IS NOT FOUND IN THE ERNS DATABASE

POTENTIALLY ONSITE ERNS:
THIS SITE IS NOT FOUND IN THE ERNS DATABASE

NEW YORK STATE DEPARTMENT OF HEALTH RADON DATA
FOR THE ZIPCODE OF:
11432

NUMBER OF HOMES TESTED
13

AVERAGE FOR THE ZIP
1.04 PCI/LITER

STANDARD DEVIATION
2.26 PCI/LITER

MAXIMUM READING FOR THE ZIP
2.0 PCI/LITER

Unmappable facilities for 'Queens' County

RCRA Corrective Action Facilities

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
NYD980641625	LONG ISLAND RAILROAD MORRIS PARK	121 ST & ATLANTIC AVENUE	RICHMOND HILL	11418

Solid Waste Facilities

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
41D01	NY NEWS GRAVURE PLANT			UNKNOWN
41D03	CAPITAL PROJECT SE-43A			UNKNOWN
41D04	MTA DEMO SITE			UNKNOWN
41D09	HARRY M GREENFIELD			UNKNOWN
41T43	SALVATORE RUSSO INC.			UNKNOWN
41T58	BERLIN WRECKING			11412
41T63	LIZZA, LIZZA, HOCHREITER			UNKNOWN
41W94	ST JOHN ENTERPRISES INC			UNKNOWN
41W96	FAR ROCKAWAY EQUIPMENT CO			UNKNOWN
		ADDESLEIGH PARK	QUEENS	UNKNOWN
		TOLEDO ST.	QUEENS	UNKNOWN

Hazardous Spills - TANK FAILURES - Active

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
0706468	1708 JAMAICA AVE	1708 JAMACIA AVE	BROOKLYN	UNKNOWN

Hazardous Spills - MISC. SPILL CAUSES - Active

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
9707611	LIRR	5505 E OF 37 SIGNAL BRIDG	NEW YORK CITY	UNKNOWN

Hazardous Spills - TANK TEST FAILURES - Closed

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
8801391	CLOSED-LACKOF RECENT INFO	81026 150 ST	NEW YORK CITY	UNKNOWN

Hazardous Spills - UNKNOWN CAUSE OR OTHER CAUSES - Closed

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
8606300				UNKNOWN
0209904	VARIOUS DEP -BWSO SITES	MISC.	BRONX/QUEENS/MANHATTAN	UNKNOWN
9110277	THROGGS NECK BRIDGE	THROGGS NECK BRIDGE	COLLEGE POINT	UNKNOWN
9505849	150 24TH ST & 132ND AVE	150 24TH ST & 132ND AVE	JAMAICA	UNKNOWN
0613564	JAMAICA 3 REGULATOR	120 3RD PLACE/150	JAMAICA	UNKNOWN
0310300		ARTHUR AVE.	JAMAICA	UNKNOWN
0508629	QUEENSBORO BRIDGE	EAST RIVER/EAST BLVD	LONG ISLAND CITY	UNKNOWN
9007492	EAST RIVER/WHITESTONE BRI	WHITESTONE BRIDGE/SHEA	NEW YORK CITY	UNKNOWN
0310131	LOWER LAYEL BLVD	LOWER LAYEL BLVD	NEW YORK CITY	UNKNOWN
0209218	COLEMAN ISLAND REG #30	COLEMAN ISLAND	NEW YORK CITY	UNKNOWN
9905090	JAMAICA SUB STATION	VALLEY STREAM SUB STATION	QUEENS	UNKNOWN
9705177	157-20 TUCKERTON	157-20 TUCKERTON	QUEENS	11433
9502637	UNK	7 MIDLAND GARDEN	QUEENS	UNKNOWN
9302423	STRONG ODOR IN AIR	BROOKLYN QUEENS EXPWY	QUEENS	UNKNOWN
8503726	QUEENS	QUEENS	QUEENS	UNKNOWN
8000260		QUEENS	QUEENS	UNKNOWN
7801404	MIDLAND TAXI, SBWY-MIDLND.	MIDLAND TAXI, SBWY-MIDLND.	QUEENS	UNKNOWN
7800519	DREDGE PENNSYLVANIA	DREDGE PENNSYLVANIA	QUEENS	UNKNOWN
0609105	CITGO STATION	WALDEN /SOUTH VANDORN	QUEENS	UNKNOWN
0604991	CLEARVIEW PUMP STATION	CLEARVIEW PUMP STATION	QUEENS	UNKNOWN
0500534	MAN HOLE 14954	CARWELL AVE	QUEENS	UNKNOWN
0330035	FRESH MEADOWS RESIDENTIAL	COMMUNITY & COMMERCIAL	QUEENS	UNKNOWN
0010608	BUILDING	4051 TENMAN ST	QUEENS	UNKNOWN

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
0004925	NYC DEPT OF DESIGN/CONST.	360 BEECH ST	QUEENS	UNKNOWN
Hazardous Spills - MISC. SPILL CAUSES - Closed				
0302905		95 REID AVE	BREEZY POINT	UNKNOWN
0307966		QUEENS CO. HOSPITAL	BROOKLYN	UNKNOWN
0509957	BOWERY BAY BLVD	NEAR LAGUARDIA ST	FLUSHING	UNKNOWN
9310641	CR. OF HILLSIDE AVENUE	CR. OF HILLSIDE AVENUE	HILLSIDE	UNKNOWN
9202229	LIRR	DOUGLAS AVE/HILLSIDE SUB	HOLLIS	11433
0707801	SIDNEY HOME	1778 -28 93RD AVE	JAMACIA	UNKNOWN
9610236	CONSTRUCTION SITE	1947 MERRICK BLVD	JAMAICA	UNKNOWN
9607531	90 3RD AVE	90 3RD AVE	JAMAICA	UNKNOWN
9505842	150 24TH 132ND AVE	150 24TH ST & 132ND AVE	JAMAICA	UNKNOWN
9311846	STEPHEN BLVD.	STEPHEN BLVD.	JAMAICA	UNKNOWN
0512867	STREET	152 ND ST/ ARCHER AVE	JAMAICA	11433
8606664	MOTT BASIN JAMACIA BAY /K	MOTT BASIN	JAMAICA BAY	UNKNOWN
0600635	MERRICK 229 SERVICE CENTE	228-208 MERRICK BLVD	LAURELTOWN	UNKNOWN
0308095	MAN HOLE 10068	PARSONS BLVD	NEW YORK	UNKNOWN
9100148	LIRR	QNS VILLGE/HILLSIDE/LN#1	NEW YORK CITY	UNKNOWN
8810034	ARCHER AVE/QUEENS	ARCHER AVENUE	NEW YORK CITY	UNKNOWN
9904670	ROCKLAND VBLVD AND	132 2ND AVE POLE 78727	QUEENS	UNKNOWN
9806389	IFO	147 GUY BREWER BLVD	QUEENS	UNKNOWN
9806039	LIRR	HILLSIDE FACILITY	QUEENS	UNKNOWN
9601287	LIRR	HILLSIDE MAINT.COMPLEX	QUEENS	UNKNOWN
9500713	LIRR	UPPER HOLBEN YARD	QUEENS	UNKNOWN
9312856	BQE EASTBOUND & MANHATTAN	BQE EASTBOUND & MANHATTAN	QUEENS	UNKNOWN
9312483	RUNWAY CHANNEL	RUNWAY CHANNEL	QUEENS	UNKNOWN
9311790	1/4 NORTH SUBWAY BR IN	1/4 NORTH SUBWAY BR IN	QUEENS	UNKNOWN
9305187	1211 REDBURNS DR.	1211 REDBURNS DR.	QUEENS	UNKNOWN
0710014	IN STREET	47-15 PEARSON STREET	QUEENS	UNKNOWN
0707463	PORT WASHINGTON	NEAR JAMAICA BAY	QUEENS	UNKNOWN
0502465	9510 90TH AVE	9510 90TH AVE	QUEENS	UNKNOWN
0412927	ON A BOAT OFF OF DAVIS IS	UNKNOWN STREET	QUEENS	UNKNOWN
0008411	POTHEAD TRANSFORMER	ROCKAWAY SUB STATION	QUEENS	UNKNOWN
0006934	RIVLAB TRANSPORTATION	6202 ALVINA AVE	QUEENS	UNKNOWN

Hazardous Waste Generation or Transport Facilities

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
NYP000007120	CONSOLIDATED EDISON CO	BUS SEC 4WFARRAJAT S/S		UNKNOWN
NYP004001582	CONSOLIDATED EDISON CO	176 JAMAICA 8909		UNKNOWN
NYP004001798	CONSOLIDATED EDISON CO	BOWY V5925		UNKNOWN
NYP004002689	CONSOLIDATED EDISON CO	162ND STREET 2121		UNKNOWN
NYP004018982	CONSOLIDATED EDISON CO	MH9627 HARRISON STA		UNKNOWN
NYP004019048	CONSOLIDATED EDISON CO	TRANS#1 HARRISON S/S		UNKNOWN
NYP004019275	CONSOLIDATED EDISON CO	MH51217		UNKNOWN
NYP004019683	CONSOLIDATED EDISON CO	124-153 CAVE		UNKNOWN
NYP004019766	CONSOLIDATED EDISON CO	V462 WILLIAM ST		UNKNOWN
NYP004019899	CONSOLIDATED EDISON CO	V909 VARL & JACKSON		UNKNOWN
NYP004020129	CONSOLIDATED EDISON CO	MAIN BODY - OAKWOOD S/S		UNKNOWN
NYP004020616	CONSOLIDATED EDISON CO	437 FALSE ST		UNKNOWN
NYP004022059	CONSOLIDATED EDISON CO	V1708 5 BWAY MAN		UNKNOWN
NYP004022067	CONSOLIDATED EDISON CO	MH22404 VAN		UNKNOWN
NYP004024139	CONSOLIDATED EDISON CO	V8469		UNKNOWN
NYP004024576	CONSOLIDATED EDISON CO	OPEN EXCAVATION22-3441 ST		UNKNOWN
NYP004025342	CONSOLIDATED EDISON CO	VS7865		UNKNOWN
NYP004026019	CONSOLIDATED EDISON CO	MH2246		UNKNOWN
NYP004026845	CONSOLIDATED EDISON CO	MH15520		UNKNOWN
NYP000921932	NYNEX		JAMAICA	UNKNOWN
NYP000925717	NYNEX	JAMAICA AVENUE AND S AVE	JAMAICA	UNKNOWN
NYP004074571	CONSOLIDATED EDISON	MH4078	JAMAICA	11400

NYP004074662	CONSOLIDATED EDISON	MH11116 JAMAICA AVE & BROWER	JAMAICA	UNKNOWN
NYR000104992	LONG ISLAND RAILROAD HILLSIDE FAC	JAMAICA AIR TRAIN ST	JAMAICA	11423
NYR005000393	DELETE	DELETE	JAMAICA	11432
NYD000953018	LONG ISLAND RAILROAD CONT #25-0-008	DB BRIDGE	LONG ISLAND CITY	UNKNOWN
NYP000937565	BELL ATLANTIC-NY	9 PL/JAMAICA AVE	MAICA	NY UNKNOWN
NY0000010363	NYCDOT	N/S	N/S	UNKNOWN
NYP004017323	CONSOLIDATED EDISON	FRONT OF 2373 QUEENS PKWY	NEW YORK	UNKNOWN
NYP004021945	CONSOLIDATED EDISON	#4694545 WILLY	NEW YORK	UNKNOWN
NYP004073128	CONSOLIDATED EDISON	MH17294-S/S MERIDIAN RD	NEW YORK	11400
NYP004019329	CONSOLIDATED EDISON CO	#4578 E29	NEWKIRK	UNKNOWN
NYP000937532	BELL ATLANTIC-NY	ORAL BLVD/VERBEAN BLVD	ORAL PARK	NY UNKNOWN
NYP000020826	CONSOLIDATED EDISON	TRANSF #1 - JAMAICA	QUEENS	UNKNOWN
NYP000918383	NYNEX-MANHOLE	N BLVD E/CROSS IS PKY	QUEENS	UNKNOWN
NYP000930321	CONSOLIDATED EDISON	N/S	QUEENS	UNKNOWN
NYP000930529	CONSOLIDATED EDISON CO	V1099-1685 FRANHOLM AVE	QUEENS	UNKNOWN
NYP000950089	NYSDEC REGION 2 SPILLS	JAMAICA AVE	QUEENS	UNKNOWN
NYP004000121	CONSOLIDATED EDISON	V10829-2255 MENAUTO BLVD	QUEENS	UNKNOWN
NYP004000634	CONSOLIDATED EDISON	V7176-WEST HILL APARTMENTS	QUEENS	UNKNOWN
NYP004004636	CONSOLIDATED EDISON	V 369 - PARSONS BLVD	QUEENS	UNKNOWN
NYP004004677	CONSOLIDATED EDISON	N/S	QUEENS	UNKNOWN
NYP004004925	CONSOLIDATED EDISON	VAULT #0442 - 1548	QUEENS	UNKNOWN
NYP004005377	CONSOLIDATED EDISON	2373 - 1965 LAFAYETTE	QUEENS	UNKNOWN
NYP004006003	CONSOLIDATED EDISON	#5289 - 275 KENSTO DR	QUEENS	UNKNOWN
NYP004006318	CONSOLIDATED EDISON	V5014 - W.F. ADMIN BLDG	QUEENS	UNKNOWN
NYP004006763	CONSOLIDATED EDISON	V9736 - SO. MOYER & BRITTON	QUEENS	UNKNOWN
NYP004006904	CONSOLIDATED EDISON	V1903 - ALLINGTON	QUEENS	UNKNOWN
NYP004007308	CONSOLIDATED EDISON	MH 3924 - PALMER FERN. TER	QUEENS	UNKNOWN
NYP004007910	CONSOLIDATED EDISON	V 1296C - PASCAP	QUEENS	UNKNOWN
NYP004008248	CONSOLIDATED EDISON	N/S	QUEENS	UNKNOWN
NYP004008603	CONSOLIDATED EDISON	V 2113 - CLINTON 17051	QUEENS	UNKNOWN
NYP004008785	CONSOLIDATED EDISON	MH 2631	QUEENS	UNKNOWN
NYP004009320	CONSOLIDATED EDISON	TRANSP F/O 17 & 34ST	QUEENS	UNKNOWN
NYP004009775	CONSOLIDATED EDISON	MH 12060	QUEENS	UNKNOWN
NYP004012514	CONSOLIDATED EDISON	16 - SHERWOOD PARK	QUEENS	UNKNOWN
NYP004015848	CONSOLIDATED EDISON	116-02 KAVE	QUEENS	UNKNOWN
NYP004016375	CONSOLIDATED EDISON CO OF NY INC	JAMAICA AVENUE	QUEENS	UNKNOWN
NYP004022679	CONSOLIDATED EDISON	V97961 CLAREMONT	QUEENS	UNKNOWN
NYP004023016	CONSOLIDATED EDISON	MH184490-	QUEENS	UNKNOWN
NYP004023438	CONSOLIDATED EDISON	7119 85 BEECHNUT	QUEENS	UNKNOWN
NYP004024428	CONSOLIDATED EDISON	MH 16165	QUEENS	UNKNOWN
NYP004024642	CONSOLIDATED EDISON	MH35319	QUEENS	UNKNOWN
NYP004024758	CONSOLIDATED EDISON	MH156 435 SO CITYLINE ST	QUEENS	UNKNOWN
NYP004026407	CONSOLIDATED EDISON	MH56240	QUEENS	UNKNOWN
NYP004068169	CONSOLIDATED EDISON	V8262-63RD & 99TH	QUEENS	11400
NYP004092276	CONSOLIDATED EDISON	150 & FORD VS5005	QUEENS	UNKNOWN
NYP004122420	CONSOLIDATED EDISON	FOREST AVE	QUEENS	UNKNOWN
NYP004130340	CONSOLIDATED EDISON	GROUND SMITH DOUGLASTON #1	QUEENS	UNKNOWN
NYP004002709	CONSOLIDATED EDISON		T/A450	UNKNOWN

Wastewater Discharges

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
NYU000079	BEST CONCRETE MIX CORP.			UNKNOWN
NYU900062	FEDERAL EXPRESS			UNKNOWN
NYU900079	BEST CONCRETE MIX CORP			UNKNOWN

Air Releases

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
3688800011	USCG-LIGHT STATION	AMBROSE	NEW YORK	UNKNOWN
NY081X1L5	CRYDER ASSOCIATES LTD	NO STREET ADDRESS	NO CITY NAME	UNKNOWN
NY081X4KU	COSMOPOLITAN ASSOC	NO STREET ADDRESS	NO CITY NAME	UNKNOWN

NY081X72J	A & K REALTY	QUEENS	NO STREET ADDRESS	NO CITY NAME	UNKNOWN
3608100139	NY JOB CORPS CENTER		NO STREET ADDRESS	QUEENS	UNKNOWN
3608100140	NAVY RESRVE TRAINING		NO STREET ADDRESS	QUEENS	UNKNOWN
3608100693	ASTORIA AL & BR		NO STREET ADDRESS	QUEENS	UNKNOWN
NY0813893	NEWTOWN REFINING CO INC		1	QUEENS	UNKNOWN

Hazardous waste codes presented in individual Toxic Information Profiles are defined below.

- B002 Petroleum oil or other liquid containing 50 ppm or greater of PCBs but less than 500 ppm PCBs. This includes oil from electrical equipment whose PCB concentration is unknown, except for circuit breakers, reclosers and cable.
- B006 PCB Transformers. "PCB Transformers" means any transformer that contains 500 ppm PCB or greater.
- D002 Solid waste that exhibits the characteristic of corrosivity, but is not listed under any other hazardous waste code.
- D003 Solid waste that exhibits the characteristic of reactivity, but is not listed under any other hazardous waste code.
- D008 Lead
- F002 The following spent halogenated solvents: Tetrachloroethylene, methylene chloride, trichloroethylene, 1,1,1-trichloroethane, chlorobenzene, 1,1,2-trichloro-1,2,2-trifluoroethane, ortho-dichlorobenzene, trichlorofluoromethane, and 1,1,2-trichloroethane; all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the above halogenated solvents or those listed in F001, F004, or F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures. (T)

Source: U. S. Environmental Protection Agency

How Toxic Site Locations Are Mapped

Toxics Targeting maps toxic site locations on a computerized version of the U. S. Census map using addresses and map coordinates provided by site owners/operators or government agencies. In order to allow site locations to be verified independently, the information used to map each site is presented in the first section of each *Toxic Site Profile*, along with a description of the mapping technique used and any address corrections that were made in order to locate toxic sites with incomplete or inadequate site location information. The mapping process is explained below.

Map Identification Number: 12

Site Name: Acme World Manufacturing, Inc.

Site Address: 55 Main Street

Anytown, NY 11797

MAP LOCATION INFORMATION

Site location mapped by:

Address Matching

1) Most toxic sites are mapped by matching addresses provided by site owners/operators or government agencies with locations on a computerized version of the U. S. Census map. These site locations are identified "address-matched."

Note: Some sites have an address match location and a map coordinate location. Both locations are mapped because they can be equally correct.

or Map Coordinate

2) Some toxic sites are located using map coordinates provided by site owners/operators or government agencies. These site locations are identified "map coordinate." Map coordinates for Toxics Wastewater Discharges, Toxic Release Inventory sites and Major Oil Storage Facilities should be considered suspect .

or Manual Mapping

or Site Visit

3) Incomplete addresses or map coordinates require some site locations to be determined by commercial street maps (manual mapping), site visits, map coordinates from other databases and address location services. Application of any of these methods is identified accordingly.

ADDRESS CHANGE INFORMATION

Revised Street: NO CHANGE

Revised zip code: NO CHANGE

4) Site addresses are sometimes corrected to eliminate obvious errors that prevent sites from being mapped. All address corrections are noted here.

Information Source Guide

Toxics Targeting's Environmental Reports contain government and other information compiled on 21 categories of reported known or potential toxic sites. Each toxic site database is described below with information detailing a) the source of the information, b) the date when each database is covered to and c) when *Toxics Targeting* obtained the information..

1) **National Priority List for Federal Superfund Cleanup**: Toxic sites nominated for cleanup under the Federal Superfund program. Annual compilation of special two-page detailed profiles of NPL sites. Also includes delisted NPL sites. ASTM required.* Fannie Mae required.** Source: U. S. Environmental Protection Agency.¹
Data attributes updated from: 3/4/2008. Data obtained by Toxics Targeting: 3/4/2008.
New Facilities updated through: 3/4/2008. Data obtained by Toxics Targeting: 3/4/2008.

2) **Inactive Hazardous Waste Disposal Site Registry**: New York State database that maintains information and aids decision making regarding the investigation and cleanup of toxic sites. The Registry's data includes two-page profiles noting site name, ID number, description, classification, cleanup status, types of cleanup, owner information, types and quantities of contaminants, and assessment of health and environmental problems. Also included are sites that qualify for possible inclusion on the Registry. These Registry Qualifying sites may or may not be on the Site Registry. ASTM required.* Fannie Mae required.** Source: New York State Department of Environmental Conservation.²
Data attributes updated through: 2/05/2008. Data obtained by Toxics Targeting: 2/06/2008.
New Facilities updated to: 2/05/2008. Data obtained by Toxics Targeting: 2/06/2008.

3) **Corrective Action Activity (CORRACTS)**: U. S. Environmental Protection Agency database of hazardous facilities regulated pursuant to the Resource Conservation and Recovery Act (RCRA). ASTM required.* Fannie Mae required.** Source: U. S. Environmental Protection Agency¹
Data attributes updated through: 6/6/2006. Data obtained by Toxics Targeting: 6/16/2006.
New facilities updated through: 6/6/2006. Data obtained by Toxics Targeting: 6/16/2006.

4) **CERCLIS**: Toxic sites listed in the Federal Comprehensive Environmental Response, Compensation and Liability Information System. No Further Remedial Action Planned (NFRAP) sites are also included. ASTM required.* Fannie Mae required.** Source: U. S. Environmental Protection Agency.¹
Data attributes updated through: 1/09/2008. Data obtained by Toxics Targeting: 3/12/2008.
New Facilities updated through: 1/09/2008. Data obtained by Toxics Targeting: 3/12/2008.

5) **Brownfield Programs**: NYS programs for sites that are abandoned, idled or under-used industrial and/or commercial sites where expansion or redevelopment is complicated by real or perceived environmental contamination. ASTM required.* Source: New York State Department of Environmental Conservation.²
Data attributes updated through: 2/05/2008. Data obtained by Toxics Targeting: 2/06/2008.
New Facilities updated to: 2/05/2008. Data obtained by Toxics Targeting: 2/06/2008.

- (a) Brownfield Cleanup Program (BCP)
- (b) Voluntary Cleanup Program (VCP)
- (c) Environmental Restoration Program (ERP)

6) **Solid Waste Facilities**: NYS database of solid waste facilities, including, but not limited to, landfills, incinerators, transfer stations, recycling centers. ASTM required.* Fannie Mae required.** Source: New York State Department of Environmental Conservation.²
Data updated to: 12/31/2001. Data obtained by Toxics Targeting: 3/16/2002.

Also includes a listing of solid waste disposal sites operated by New York City municipal authorities circa 1934.
Source: City of New York Department of Sanitation (1984). Waste Disposal Problem in New York City: A Proposal For Action.

7) **RCRA Hazardous Waste Treatment, Storage or Disposal Facility Databases**:

- (a) **Manifest Information**: New York State database of hazardous waste facilities and shipments regulated by the DEC's Bureau of Hazardous Waste Facility Compliance pursuant to NYS Law and the Resource Conservation and Recovery Act (RCRA). ASTM required.* Fannie Mae required.** Source: New York State Department of Environmental Conservation.²
New facilities updated through: 7/6/2006. New facilities obtained by Toxics Targeting: 7/10/2006.
Manifest transactions data updated to: 7/6/2006. Manifest transactions data obtained by Toxics Targeting: 7/10/2006.

(b) **RCRA Notifier & Violations Information:** U. S. Environmental Protection Agency database of hazardous facilities regulated pursuant to the Resource Conservation and Recovery Act (RCRA).

ASTM required.* Fannie Mae required.**

Source: U. S. Environmental Protection Agency¹

New facilities updated through: 6/6/2006.

Data obtained by Toxics Targeting: 6/16/2006.

Data attributes updated through: 6/6/2006.

Data obtained by Toxics Targeting: 6/16/2006.

8) **Spills Information Database:** Spills reported to the DEC as required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from Petroleum Bulk Storage Regulations) or 6 NYCRR Section 595.2 (from Chemical Bulk Storage Regulations). The database includes *active* and *closed* spills reported on or before 02/05/2008. ASTM required.* Fannie Mae.** Source: NYS Department of Environmental Conservation.²

Spill attribute data through: 02/05/2008

New spills through: 02/05/2008

Active spills: paperwork not completed.

Closed spills: paperwork completed.

Both active and closed spills may or may not have been cleaned up (see Date Cleanup Ceased in spill profiles).

9) **Major Oil Storage Facilities:** NYS database of facilities licensed pursuant to Article 12 of the Navigation Law, 6NYCRR Parts 610 and 17NYCRR Part 30, such as onshore facilities or vessels, with petroleum storage capacities equal to or greater than four hundred thousand gallons. **Data withheld by the NYSDEC as of 4/1/2002.** ASTM required.* Fannie Mae required.** Source: New York State Department of Environmental Conservation.²

New facilities updated through: 1/1/2002.

New facilities data obtained by Toxics Targeting: 1/11/2002.

Tank data updated through: 1/1/2002.

Tank data obtained by Toxics Targeting: 1/11/2002.

10) **Petroleum Bulk Storage Facilities:** Local and State databases of aboveground and underground petroleum storage facilities with a combined storage capacity over 1,100 gallons.

ASTM required.* Fannie Mae required.**

Source: NYS Department of Environmental Conservation.²

All New York Counties except Cortland, Nassau, Rockland, Suffolk, and Westchester:

New facilities updated through: 4/2/2007.

Data obtained: 4/5/2007.

Tank data updated through: 4/2/2007.

Data obtained by Toxics Targeting: 4/5/2007.

11) **RCRA Hazardous Waste Generators and/or Transporters Databases:**

(a) **Manifest Information:** New York State database of hazardous waste facilities and shipments regulated by the NYS Department of Environmental Conservation's Bureau of Hazardous Waste Facility Compliance pursuant to New York State Law. ASTM required.* Fannie Mae required.** Source: New York State Department of Environmental Conservation.²

New facilities updated through: 7/6/2006.

New facilities obtained by Toxics Targeting: 7/10/2006.

Manifest transactions data updated to: 7/6/2006.

Manifest transactions data obtained by Toxics Targeting: 7/10/2006.

(b) **RCRA Notifier & Violations Information:** U. S. Environmental Protection Agency database of hazardous facilities regulated pursuant to the Resource Conservation and Recovery Act (RCRA).

ASTM required.* Fannie Mae required.**

Source: U. S. Environmental Protection Agency¹

New facilities updated through: 6/6/2006.

Data obtained by Toxics Targeting: 6/16/2006.

Data attributes updated through: 6/6/2006.

Data obtained by Toxics Targeting: 6/16/2006.

12) **Chemical Bulk Storage Facilities:** New York State database of facilities compiled pursuant to 6NYCRR Part 596 that store regulated substances listed in 6NYCRR Part 597 in aboveground tanks with capacities greater than 185 gallons and /or in underground tanks of any size. **Data withheld by NYSDEC as of 4/1/2002.**

ASTM required.* Fannie Mae required.**

Source: New York State Department of Environmental Conservation.²

Data updated through: 1/1/2002.

Data obtained by Toxics Targeting: 1/11/2002.

13) **Historic New York City Utility Facilities (1898 to 1950):** An inventory of selected power generating stations, manufactured gas plants, gas storage facilities, maintenance yards and other gas and electric utility sites identified in various historic documents, maps and annual reports of New York utility companies, including: Sanborn Fire Insurance Maps of NYC (1898-1950); Consolidated Edison Co. Annual Reports (1922-1939); Consolidated Edison Co. Map: "Boroughs of Manhattan and the Bronx Showing Distribution Mains of the New York Edison Co.," (1922); and Consolidated Edison document: "Generating and Annex Stations," (1911).

14) **Hazardous Substance Waste Disposal Site Study**: NYS database of waste disposal sites that may pose threats to public health or the environment, but could not be remediated using monies from the Hazardous Waste Remedial Fund.

Source: New York State Department of Environmental Conservation.²

Data updated to: 5/16/2000.

Data obtained by Toxics Targeting: 5/16/2000.

15) **Toxic Release Inventory (TRI)**: Federal database of manufacturing facilities required under Section 313 of the Federal Emergency Planning and Community Right-to-Know Act to report releases to the air, water and land of any specifically listed toxic chemical. See Fannie Mae requirement** below.

Source: U. S. Environmental Protection Agency.¹ / NYS Department of Environmental Conservation²

Data updated through: 3/8/2004.

Data obtained by Toxics Targeting: 3/25/2004

16) **Toxic Wastewater Discharges (Permit Compliance System)**: Federal database of discharges of wastewater to surface waters and groundwaters. See Fannie Mae requirement** below. Source: U. S. Environmental Protection Agency.¹

Data updated through: 6/17/2004.

Data obtained by Toxics Targeting: 7/19/2004.

17) **Air Discharge Facilities**: EPA AIRS database containing address information on each air emission facility and the type of air pollutant emission it is. Compliance information is also provided on each pollutant as well as the facility itself.

See Fannie Mae requirement** below.

Source: U. S. Environmental Protection Agency¹

Data updated through: 11/24/1999.

Data obtained by Toxics Targeting: 1/6/2000

18) **Civil Enforcement & Administrative Docket**: This database is the U. S. EPA's system for tracking administrative and civil judiciary cases filed on behalf of the agency by the Department of Justice. Fannie Mae required.**

Source: U. S. Environmental Protection Agency.¹

New Sites through: 10/14/1999.

Data updated through: 10/14/1999.

Data obtained by Toxics Targeting: 11/18/1999.

19) **New York City Environmental Quality Review (CEQR) – E Designation Sites**: These sites are parcels assigned a special environmental ("E") designation under the CEQR process. E designation requires specific protocols that must be followed.

Data updated through: 10/29/2007.

Source: New York City Department of Planning³

Data obtained by Toxics Targeting: 11/08/2007

20) **New York City Fire Department Tank Data**.

Source: New York City Fire Department.

Data obtained by Toxics Targeting: 2/13/1997

21) **Emergency Response Notification System (ERNS)**: Federal database of spills compiled by the Emergency Response Notification System. On-site searches only.

ASTM required.* See Fannie Mae requirement** below.

Source: U. S. Environmental Protection Agency.¹

Data updated through: 1/31/2000.

Data obtained by Toxics Targeting: 2/15/2000

* American Society of Testing Materials: Standard Practice on Environmental Site Assessments: Phase I Environmental Site Assessment Process (E1527-05).

** Fannie Mae's Part X Environmental Hazards Management Procedures specify 1.0 mile searches for "any state or Federal list of hazardous waste sites (e.g. CERCLIS, HWDMS etc.)." Searches for the property and adjacent properties are specified for "chemical manufacturing plants," "obvious high risk neighbors engaging in storing or transporting hazardous waste, chemicals or substances" and "...any documented or visible evidence of dangerous waste handling... (e.g. stressed vegetation, stained soil, open or leaking containers, foul fumes or smells, oily ponds, etc." Searches for property and adjacent properties can include sites up to a quarter mile away (W. Hayward, Director, Multi-Family Business Planning and Control, Fannie Mae, personal communication, 5/94).

¹U. S. Environmental Protection Agency, 290 Broadway, NY, NY 10007-1866.

²NYS Department of Environmental Conservation, 625 Broadway, Albany, NY 12233.

³New York City Department of City Planning, 22 Reade St, New York, NY 10007-1216

Appendix D
Site and User-Supplied Information

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NYC Department of Buildings
Property Profile Overview

90-14 161 STREET		QUEENS 11432	BIN# 4208849
160 STREET	90-11 - 90-17	Health Area	: 2810
161 STREET	90-14 - 90-14	Census Tract	: 44601
		Community Board	: 412
		Buildings on Lot	: 1
		Tax Block	: 9757
		Tax Lot	: 18
		Condo	: NO
		Vacant	: NO

[View DCP Addresses...](#) [Browse Block](#)

[View Certificates of Occupancy](#)

Cross Street(s): 90 AVENUE, JAMAICA AVENUE

DOB Special Place Name:

DOB Building Remarks:

Landmark Status:		Special Status:	N/A
Local Law:	NO	Loft Law:	NO
SRO Restricted:	NO	TA Restricted:	NO
UB Restricted:	NO		
Little 'E' Restricted:	HAZMAT/NOISE	Grandfathered Sign:	NO
Legal Adult Use:	NO	City Owned:	NO
Additional BINs for Building:	NONE		
Additional Designation(s):	JAM - JAMAICA PLAN AREA		

Special District: DJ - DOWNTOWN JAMAICA

Department of Finance Building Classification: 01-OFFICE BUILDING

Please Note: The Department of Finance's building classification information shows a building's tax status, which may not be the same as the legal use of the structure. To determine the legal use of a structure, research the records of the Department of Buildings.

	Total	Open	Elevator Records
Complaints	1	0	Electrical Applications
Violations-DOB	1	1	Permits In-Process / Issued
Violations-ECB	1	0	Illuminated Signs Annual Permits
Jobs/Filings	7		Plumbing Inspections
PRA / ARA Jobs	1		Open Plumbing Jobs / Work Types
Total Jobs	8		Facades
Actions	27		Marquee Annual Permits
			Boiler Records
			DEP Boiler Information

OR Enter Action Type:

OR Select from List:

AND Show Actions

If you have any questions please review these [Frequently Asked Questions](#), the [Glossary](#), or call the 311 Citizen Service Center by dialing 311 or (212) NEW YORK outside of New York City.

NYC Department of Buildings

ECB Violation Details

Premises: 90-14 161 STREET QUEENS

BIN: 4208849 Block: 9757 Lot: 18

ECB Viol Number: 32033729Y

VIOL RESOLVED

Status: AFFID ACCEPTED

Filed At: 90-14 161 STREET , QNS , NY 11432

Block: 9757 Lot: 18

Respondent Info:

CB: 412

GREATER JAMAICA DEV CORP . 90-04 161 STREET , JAMAICA , NY 11432

GEO Flag: 1

Viol Issue Date: 04/03/2002

Delivered Date: 04/03/2002

Viol Type: BL - BOILER

DOB Viol Number: 040302B817334-01

Issuing Insp ID: 1747

Tax Lien Serv: NO

Device Type: BOILER

Device Number: B817334-0

Sched Hrg Date: 05/21/2002

Hearing Time: 10:30 Location: QNS

Amount Imposed: \$400.00

Amount Paid: \$400.00

Hearing Status: V - IN VIOLATION

Compl Status: A - AFFID ACCEPTED

Compl By Date: 09/18/2002

Compl Met Flag: A - AFFIDAVIT ACCEPTED

Compl Met Date:

Viol Severity: A - HIGH

Infraction Codes:

B4B 27-127 FAILURE TO MAINTAIN BOILER - HAZARDOUS (A)

Description of Violation:

4A, 19B.

Historical Event Dates:

CUR: HRG: 07/16/2002 COM: 08/05/2002 DEF: STIP ACC:

AJR: ASG: WRI: Cominsp: Comdoc:

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NYC Department of Buildings

DOB Violation Display

Premises: 90-14 161 STREET QUEENS

BIN: 4208849 Block: 9757 Lot: 18

Issue Date: 01/06/2006

Violation Category: V - DOB VIOLATION - ACTIVE

Violation Type: LL6291 - BOILER

Violation Number: 24969

Device No.: 00817334

ECB No.:

Infraction Codes:

Disposition:

Code:

Date:

Inspector:

Comments:

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NYC Department of Buildings
Job Overview

Page: 1 of 1

Premises: 90-14 161 STREET QUEENS

BIN: 4208849 Block: 9757 Lot: 18

To start overview at new date, select Month: Day: Year:

FILE DATE	JOB #	DOC #	JOB TYPE	FLOOR	JOB STATUS	STATUS DATE	LIC #	APPLICANT	FILING REP	IN AUDIT
11/03/2000	401182411	01	A2	ROF	R PERMIT-ENTIRE	11/27/2000		Stacom	Gerbin	
Filing for the installation of gas piping as per plans. No change in use,										
11/30/1989	400043109	01	A2	BAS	P APPROVED	03/21/1990		BAKER	KINARD	
NEW OFFICE LAYOUT IN THE BASEMENT. STRUCTURAL STABILITY WILL NOT BE										
10/19/1998	400899578	01	A2	001	X SIGNED OFF	01/29/1999		RUDIHOFF	MOSOVE	
INSTALL SPLIT AC SYSTEM AND DUCTWORK. NO CHANGE IN EGRESS, OCCUPANCY, OR										
08/08/2000	401129346	01	A2	ROF	X SIGNED OFF	03/30/2001		Stacom	Gerbin	
Filing for the installation of new mechanical equipment and related dunnag										
02/20/2001	401216288	01	A2	ROF	R PERMIT-ENTIRE	04/19/2001		Stacom	Kalida	
Installation of structural steel members for dunnage on the roof as per pl										
02/27/2001	401129346	02	A2	ROF	G PAA FEE DUE	02/27/2001		Stacom	Gerbin	
DOC WITHDRAWN 02272001										
02/27/2001	401129346	03	A2	ROF	P APPROVED	03/13/2001		Stacom	Gerbin	
POST APPROVAL AMENDMENT FOR 01										

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NYC Department of Buildings
Actions

Page: 1

Premises: 90-14 161 STREET QUEENS

BIN: 4208849 Block: 9757 Lot: 18

NUMBER	TYPE	FILE DATE
ALT 311-13	ALTERATION	00/00/1913
ALT 511-13	ALTERATION	00/00/1913
ALT 2824-14	ALTERATION	08/08/1914
ALT 61-15	ALTERATION	00/00/1915
ALT 1404-29	ALTERATION	00/00/1929
ALT 2716-33	ALTERATION	00/00/1933
ALT 2615-34	ALTERATION	00/00/1934
ALT 1109-56	ALTERATION	00/00/1956
ALT 1109-56	ALTERATION	00/00/1956
ALT 600-57	ALTERATION	00/00/1957

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Enter Action Type: Or Select from List:

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NYC Department of Buildings
Actions

Page: 2

Premises: 90-14 161 STREET QUEENS		BIN: 4208849	Block: 9757	Lot: 18
NUMBER	TYPE	FILE DATE		
ALT 2998-58	ALTERATION	00/00/1958		
ALT 2058-61E	ALTERATION	00/00/1961		
ALT 1300-68	ALTERATION	00/00/1968		
ALT 159-85	ALTERATION	02/11/1985		
CO 41711	(PDF) CERTIFICATE OF OCCUPANCY	00/00/0000		
CO 203830	(PDF) CERTIFICATE OF OCCUPANCY	04/18/1986		
COC 1771		00/00/0000		
COQ 113405	(PDF) CERTIFICATE OF OCCUPANCY - QUEENS	08/08/1956		
COQ 129463	(PDF) CERTIFICATE OF OCCUPANCY - QUEENS	00/00/1958		
DP 258-56	DEMOLITION PERMIT	00/00/1956		

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NYC Department of Buildings
Actions

Page: 3

Premises: 90-14 161 STREET QUEENS

BIN: 4208849 Block: 9757 Lot: 18

NUMBER	TYPE	FILE DATE
ES 528-56	ELECTRIC SIGN	00/00/1956
ES 73-72	ELECTRIC SIGN	00/00/1972
MISC 1636-39	MISCELLANEOUS	00/00/1939
MISC 2673-43	MISCELLANEOUS	00/00/1943
MISC 1539-56	MISCELLANEOUS	00/00/1956
NB 677-29	NEW BUILDING	00/00/1929
PRS 4874-61	PLUMBING REPAIR SLIP	00/00/1961
V 010606LL629124969	DOB VIOLATION - ACTIVE	01/06/2006
VEC* 040302B817334-01	ECB VIOLATION DISMISSED	04/03/2002

Previous

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NYC Department of Buildings

Boiler Query

Premises: 90-14 161 STREET QUEENS

BIN: 4208849 Block: 9757 Lot: 18

VIOL	NUM	MD	SER#	STATUS	INSP-DATE	RECV-DATE	NAME
YES	817334	N	01	ACTIVE	12/18/2007	12/31/2007	O 005325 TUCCI JR BRUNO
NO	817334	N	02	VOID	04/24/2002	08/20/2002	O 5345 DE GROOT VICTOR

If you have any questions please review these [Frequently Asked Questions](#), the [Glossary](#), or call the 311 Citizen Service Center by dialing 311 or (212) NEW YORK outside of New York City.

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NYC Department of Buildings
C of O PDF Listing for Property

Premises: 90-14 161 STREET QUEENS

BIN: 4208849 Block: 9757 Lot: 18

Download the [Adobe Acrobat Reader](#) if you are unable to open the PDF files

To report a problem with any of these images, please use the [CO Image Problem Form](#)

CO 41711: [Q000041711.PDF](#)

CO 203830: [Q000203830.PDF](#)

COQ 113405: [Q000113405.PDF](#)

COQ 129463: [Q000129463.PDF](#)

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DEPARTMENT OF HOUSING AND BUILDINGS

BOROUGH OF QUEENS, CITY OF NEW YORK

No. 41711
Date 7/9/47

7000

CERTIFICATE OF OCCUPANCY

Standard form adopted by the Board of Standards and Appeals and issued pursuant to Section 646 of the New York Charter, and Sections C.26-181.0. to C.26-187.0, inclusive, Administrative Code 2.1.3.1. to 2.1.3.7. (Building Code.)

This certificate supersedes C. O. No.

to the owner or owners of the building or premises:

THIS CERTIFIES that the ~~new~~ ~~altered~~ ~~existing~~ building premises located at

~~109 Rookaway Beach Blvd. SWC Rook. Bch. Blvd. & B 68th St.~~ Block 361 Lot 103

conforms substantially to the approved plans and specifications, and to the requirements of the building code and all other laws and ordinances, and of the rules and regulations of the Board of Standards and Appeals, applicable to a building of its class and kind at the time the permit was issued; and

CERTIFIES FURTHER that, any provisions of Section 646F of the New York Charter have been complied with as certified by a report of the Fire Commissioner to the Borough Superintendent.

B. of Alt. No.— ALT. 3580/45 Construction classification— Non Fire.

Occupancy classification— Commercial Height 1 stories, 20 feet.

Date of completion— 5/23/47 Located in Bus. Use District.

Area 1 Height Zone at time of issuance of permit

This certificate is issued subject to the limitations hereinafter specified and to the following resolutions of the Board of Standards and Appeals: (Citation numbers to be inserted here)

PERMISSIBLE USE AND OCCUPANCY

PROPERTY	LIVE LOADS Lbs. per Sq. Ft.	PERSONS ACCOMMODATED			USE
		MALE	FEMALE	TOTAL	
Cellar					Boiler Room
1st	75		3	3	Automatic Self Service Laundry (25 Machines)

John J. Killian

Borough Superintendent

1916

1916

CERTIFICATE OF OCCUPANCY

NO CHANGES OF USE OR OCCUPANCY NOT CONSISTENT WITH THIS CERTIFICATE SHALL BE MADE UNLESS FIRST APPROVED BY THE BOROUGH SUPERINTENDENT.

Unless an approval for the same has been obtained from the Borough Superintendent, no change or rearrangement in the structural parts of the building, or affecting the light and ventilation of any part thereof or in the exit facilities, shall be made; no enlargement, whether by extending on any side or by increasing height shall be made; nor shall the building be moved from one location or position to another; nor shall there be any reduction or diminution of the area of the lot or plot on which the building is located.

The building or any part thereof shall not be used for any purpose other than that for which it is certified.

The superimposed, uniformly distributed loads, or concentrated loads producing the same stresses in construction in any story shall not exceed the live loads specified on reverse side; the number of persons of each sex in any story shall not exceed that specified when sex is indicated, nor shall the aggregate number of persons in any story exceed the specified total; and the use to which any story may be put shall be restricted to that fixed by this certificate except as specifically stated.

This certificate does not in any way relieve the owner or owners or any other person or persons in possession or control of the building, or any part thereof, from obtaining such other permits, licenses or approvals as may be prescribed by law for the uses or purposes for which the building is designed or intended; nor from obtaining the special certificates required for the use and operation of elevators; nor from the installation of fire alarm systems where required by law; nor from complying with any lawful order for additional fire extinguishing appliances under the discretionary powers of the fire commissioner; nor from complying with any lawful order issued with the object of maintaining the building in a safe or lawful condition; nor from complying with any authorized direction to remove encroachments into a public highway or other public place, whether attached to or part of the building or not.

If this certificate is marked "Temporary", it is applicable only to those parts of the building indicated on its face, and certifies to the legal use and occupancy of only such parts of the building; it is subject to all the provisions and conditions applying to a final or permanent certificate; it is not applicable to any building under the jurisdiction of the Housing Division unless it is also approved and endorsed by them, and it must be replaced by a full certificate at the date of expiration.

If this certificate is for an existing building, erected prior to March 14, 1916, it has been duly inspected and it has been found to have been occupied or arranged to be occupied prior to March 14, 1916, as noted on the reverse side, and that on information and belief, since that date there has been no alteration or conversion to a use that changed its classification as defined in the Building Code, or that would necessitate compliance with some special requirement or with the State Labor Law or any other law or ordinance; that there are no notices of violations or orders pending in the Department of Housing and Buildings at this time; that Section 640 of the New York City Charter has been complied with as certified by a report of the Fire Commissioner to the Borough Superintendent, and that, so long as the building is not altered, except by permission of the Borough Superintendent, the existing use and occupancy may be continued.

"§ 646 F. No certificate of occupancy shall be issued for any building, structure, enclosure, place or premises wherein containers for combustibles, chemicals, explosives, inflammables and other dangerous substances, articles, compounds or mixtures are stored, or wherein automatic or other fire alarm systems or fire extinguishing equipment are required by law to be or are installed, until the fire commissioner has tested and inspected and has certified his approval in writing of the installation of such containers, systems or equipment to the Borough Superintendent of the borough in which the installation has been made. Such approval shall be recorded on the certificate of occupancy."

Additional copies of this certificate will be furnished to persons having an interest in the building or premises, upon payment of a fee of fifty cents per copy.

DEPARTMENT OF HOUSING AND BUILDINGS

BOROUGH OF QUEENS, CITY OF NEW YORK

No. **113405**

Date **12/21/56**

CERTIFICATE OF OCCUPANCY

(Standard form adopted by the Board of Standards and Appeals and issued pursuant to Section 646 of the New York Charter, and Sections C.26-181.0 to C.26-187.0 inclusive Administrative Code 2.1.3.1. to 2.1.3.7. Building Code.)

This certificate supersedes C. O. No.

To the owner or owners of the building or premises:

THIS CERTIFIES that the ~~new~~ ~~altered~~ ~~existing~~ building—premises located at
90-14 WS. 161st. St. 122' S/O 90th. Ave.

Block **9757** Lot **18**

conforms substantially to the approved plans and specifications, and to the requirements of the building code and all other laws and ordinances, and of the rules and regulations of the Board of Standards and Appeals, applicable to a building of its class and kind at the time the permit was issued; and

CERTIFIES FURTHER that, any provisions of Section 646F of the New York Charter have been complied with as certified by a report of the Fire Commissioner to the Borough Superintendent.

~~12.0~~ Alt. No.— **Alt. 1109/56**

Construction classification— **Non-Fire**

Occupancy classification— **Commercial**

Height **2** stories, **29** feet.

Date of completion— **12/20/56**

Located in **Retail** Use District

B Area **1** Height Zone at time of issuance of permit

This certificate is issued subject to the limitations hereinafter specified and to the following resolutions of the Board of Standards and Appeals: (Calendar numbers to be inserted here)

PERMISSIBLE USE AND OCCUPANCY

STORY	LIVE LOADS Lbs. per Sq. Ft.	PERSONS ACCOMMODATED			USE
		MALE	FEMALE	TOTAL	
Basement	On gr.	10	10	20	Office & File room
1	75	20	20	40	Office
2	75	15	10	25	Office

[Signature]
 Borough Superintendent

REGULATIONS GOVERNING THE CONSTRUCTION AND REPAIRS OF BUILDINGS

ARTICLE 24

NO CHANGES OF USE OR OCCUPANCY NOT CONSISTENT WITH THIS CERTIFICATE SHALL BE MADE UNLESS FIRST APPROVED BY THE BOROUGH SUPERINTENDENT

Unless an approval for the same has been obtained from the Borough Superintendent, no change or rearrangement in the structural parts of the building, or affecting the light and ventilation of any part thereof, or in the exit facilities, shall be made; no enlargement, whether by extending on any side or by increasing in height shall be made; nor shall the building be moved from one location or position to another; nor shall there be any reduction or diminution of the area of the lot or plot on which the building is located.

The building or any part thereof, shall not be used for any purpose other than that for which it is certified.

The superimposed, uniformly distributed loads, or concentrated loads producing the same stresses in the construction in any story shall not exceed the live loads specified on reverse side; the number of persons of either sex in any story shall not exceed that specified when sex is indicated, nor shall the aggregate number of persons in any story exceed the specified total; and the use to which any story may be put shall be restricted to that fixed by this certificate except as specifically stated.

This certificate does not in any way relieve the owner or owners or any other person or persons in possession or control of the building, or any part thereof from obtaining such other permits, licenses or approvals as may be prescribed by law for the uses or purposes for which the building is designed or intended; nor from obtaining the special certificates required for the use and operation of elevators; nor from the installation of fire alarm systems where required by law; nor from complying with any lawful order for additional fire extinguishing appliances under the discretionary powers of the fire commissioner; nor from complying with any lawful order issued with the object of maintaining the building in a safe or lawful condition; nor from complying with any authorized direction to remove encroachments into a public highway or other public place, whether attached to or part of the building or not.

If this certificate is marked "Temporary", it is applicable only to those parts of the building indicated on its face, and certifies to the legal use and occupancy of only such parts of the building; it is subject to all the provisions and conditions applying to a final or permanent certificate; it is not applicable to any building under the jurisdiction of the Housing Division unless it is also approved and endorsed by them, and it must be replaced by a full certificate at the date of expiration.

If this certificate is for an existing building, erected prior to March 14, 1916, it has been duly inspected and it has been found to have been occupied or arranged to be occupied prior to March 14, 1916, as noted on the reverse side, and that on information and belief, since that date there has been no alteration or conversion to a use that changed its classification as defined in the Building Code, or that would necessitate compliance with some special requirement or with the State Labor Law or any other law or ordinance; that there are no notices of violations or orders pending in the Department of Housing and Buildings at this time; that Section 646F of the New York City Charter has been complied with as certified by a report of the Fire Commissioner to the Borough Superintendent, and that, so long as the building is not altered, except by permission of the Borough Superintendent, the existing use and occupancy may be continued.

"§ 646 F. No certificate of occupancy shall be issued for any building, structure, enclosure, place or premises wherein containers for combustibles, chemicals, explosives, inflammables and other dangerous substances, articles, compounds or mixtures are stored, or wherein automatic or other fire alarm systems or fire extinguishing equipment are required by law to be or are installed, until the fire commissioner has tested and inspected and has certified his approval in writing of the installation of such containers, systems or equipment to the Borough Superintendent of the borough in which the installation has been made. Such approval shall be recorded on the certificate of occupancy."

Additional copies of this certificate will be furnished to persons having an interest in the building or premises, upon payment of a fee of fifty cents per copy.

DEPARTMENT OF BUILDINGS

BOROUGH OF

QUEENS

THE CITY OF NEW YORK

No. **188463**

Date **6/18/59**

CERTIFICATE OF OCCUPANCY

Standard form adopted by the Board of Standards and Appeals and issued pursuant to Section 646 of the New York Charter, and Sections C.26-181.0 to C.26-187.0 inclusive Administrative Code 2.1.3.1. to 2.1.3.7. (Building Code.)

This certificate supersedes C. O. No.

the owner or owners of the building or premises:

THIS CERTIFIES that the ~~new~~ ~~altered~~ ~~existing~~ building premises located at

14 161st St w/s 121 Ft. S/o 90th Ave.

Block **9257** Lot **18**

conforms substantially to the approved plans and specifications, and to the requirements of the building code and all other laws and ordinances, and of the rules and regulations of the Board of Standards and Appeals, applicable to a building of its class and kind at the time the permit was issued; and

CERTIFIES FURTHER that, any provisions of Section 646B of the New York Charter have been complied with as certified by a report of the Fire Commissioner to the Borough Superintendent.

B or Alt. No. **Alt. 2998/58**

Construction classification **non-fire**

Occupancy classification **Comm.**

Height **2** stories, **27** feet.

Date of completion **6/15/59**

Located in **2** Use District.

Area **1**

Height Zone at time of issuance of permit **Retail**

This certificate is issued subject to the limitations hereinafter specified and to the following resolutions of the Board of Standards and Appeals: (Calendar numbers to be inserted here)

PERMISSIBLE USE AND OCCUPANCY

STORY	LIVE LOADS Lbs. per Sq. Ft.	PERSONS ACCOMMODATED			USE
		MALE	FEMALE	TOTAL	
Basement	on gr.	10	10	20	Files & offices.
1	75	20	20	40	Offices
2	75	20	25	45	Offices

John J. Hollander
Borough Superintendent

NO CHANGES OF USE OR OCCUPANCY NOT CONSISTENT WITH THIS CERTIFICATE SHALL
BE MADE UNLESS FIRST APPROVED BY THE BOROUGH SUPERINTENDENT

Unless an approval for the same has been obtained from the Borough Superintendent, no change or rearrangement in the structural parts of the building, or affecting the light and ventilation of any part thereof or in the exit facilities, shall be made; no enlargement, whether by extending on any side or by increasing height shall be made; nor shall the building be moved from one location or position to another; nor shall there be any reduction or diminution of the area of the lot or plot on which the building is located.

The building or any part thereof shall not be used for any purpose other than that for which it is certified.

The superimposed, uniformly distributed loads, or concentrated loads producing the same stresses in construction in any story shall not exceed the live loads specified on reverse side; the number of persons of either sex in any story shall not exceed that specified when sex is indicated, nor shall the aggregate number of persons in any story exceed the specified total; and the use to which any story may be put shall be restricted to that fixed by this certificate except as specifically stated.

This certificate does not in any way relieve the owner or owners or any other person or persons in possession or control of the building, or any part thereof from obtaining such other permits, licenses or approvals as may be prescribed by law for the uses or purposes for which the building is designed or intended; nor from obtaining the special certificates required for the use and operation of elevators; nor from the installation of fire alarm systems where required by law; nor from complying with any lawful order for additional fire extinguishing appliances under the discretionary powers of the fire commissioner; nor from complying with any lawful order issued with the object of maintaining the building in a safe or lawful condition; nor from complying with an authorized direction to remove encroachments into a public highway or other public place, whether attached to or part of the building or not.

If this certificate is marked "Temporary", it is applicable only to those parts of the building indicated on its face, and certifies to the legal use and occupancy of only such parts of the building; it is subject to all the provisions and conditions applying to a final or permanent certificate; it is not applicable to any building under the jurisdiction of the Housing Division unless it is also approved and endorsed by them, and it must be replaced by a full certificate at the date of expiration.

If this certificate is for an existing building, erected prior to March 14, 1916, it has been duly inspected and it has been found to have been occupied or arranged to be occupied prior to March 14, 1916, as noted on the reverse side, and that on information and belief, since that date there has been no alteration or conversion to a use that changed its classification as defined in the Building Code, or that would necessitate compliance with some special requirement or with the State Labor Law or any other law or ordinance; that there are no notices of violations or orders pending in the Department of Buildings at this time; that Section 646F of the New York City Charter has been complied with as certified by a report of the Fire Commissioner to the Borough Superintendent, and that, so long as the building is not altered, except by permission of the Borough Superintendent, the existing use and occupancy may be continued.

"§ 646 F. No certificate of occupancy shall be issued for any building, structure, enclosure, place or premises wherein containers for combustibles, chemicals, explosives, inflammables and other dangerous substances, articles, compounds or mixtures are stored, or wherein automatic or other fire alarm systems or fire extinguishing equipment are required by law to be or are installed, until the fire commissioner has tested and inspected and has certified his approval in writing of the installation of such containers, systems or equipment to the Borough Superintendent of the borough in which the installation has been made. Such approval shall be recorded on the certificate of occupancy."

Additional copies of this certificate will be furnished to persons having an interest in the building or premises, upon payment of a fee of fifty cents per copy.

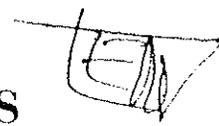
45,000

B Form 54 (Rev. 8/85)

THE CITY OF NEW YORK



DEPARTMENT OF BUILDINGS CERTIFICATE OF OCCUPANCY



BOROUGH **QUEEN**

QUEEN

DATE: **4/18/86**

NO. **Q. 203430**

This certificate supersedes C.O. No. **Q-129463**

ZONING DISTRICT **C4-2**

THIS CERTIFIES that the ~~new~~-altered-~~existing~~-building premises located at

90-14 161st ST.

Block **9737** Lot **18**

CONFORMS SUBSTANTIALLY TO THE APPROVED PLANS AND SPECIFICATIONS AND TO THE REQUIREMENTS OF ALL APPLICABLE LAWS, RULES, AND REGULATIONS FOR THE USES AND OCCUPANCIES SPECIFIED HEREIN

PERMISSIBLE USE AND OCCUPANCY

ALT. 159/85

STORY	LIVE LOAD LBS PER SQ FT	MAXIMUM NO OF PERSONS PERMITTED	ZONING DWELLING OR ROOMING UNITS	BUILDING CODE HABITABLE ROOMS	ZONING USE GROUP	BUILDING CODE OCCUPANCY GROUP	DESCRIPTION OF USE
BASEMENT	OH. CR.	20			6		FILES & OFFICES.
1st	75	40			6		OFFICES.
2nd	75	25 & 6	3	3	6 2		OFFICE. MULTIPLE DWELLING "A".

OPEN SPACE USES _____

(SPECIFY - PARKING SPACES, LOADING BERTHS, OTHER USES, NONE)

**NO CHANGES OF USE OR OCCUPANCY SHALL BE MADE UNLESS
A NEW AMENDED CERTIFICATE OF OCCUPANCY IS OBTAINED**

**THIS CERTIFICATE OF OCCUPANCY IS ISSUED SUBJECT TO FURTHER LIMITATIONS, CONDITIONS AND
SPECIFICATIONS NOTED ON THE REVERSE SIDE.**

BOROUGH SUPERINTENDENT _____

COMMISSIONER _____

ORIGINAL

OFFICE COPY - DEPARTMENT OF BUILDINGS

COPY

THAT THE ZONING LOT ON WHICH THE PREMISES IS LOCATED IS BOUNDED AS FOLLOWS

BEGINNING at a point on the **WEST** side of **161st ST.**
 distant **121'** **SOUTH** feet from the corner formed by the intersection of
 and **161st ST.**
 running thence **90th AVZ.** feet; thence _____ feet;
 thence **S 49.61'** feet; thence **W 149.96'** feet;
 thence **N 50.10'** feet; thence **E 151.03'** feet;
 thence _____ feet; thence _____ feet;
 to the point or place of beginning.

REF. ALT. No. **159/85** DATE OF COMPLETION **12/18/85** CONSTRUCTION CLASSIFICATION **NON-FIRE**
 BUILDING OCCUPANCY GROUP CLASSIFICATION **COMM. &** HEIGHT **2** STORIES, **29'0"** FEET
RES.

THE FOLLOWING FIRE DETECTION AND EXTINGUISHING SYSTEMS ARE REQUIRED AND WERE INSTALLED IN COMPLIANCE WITH APPLICABLE LAWS.

	YES	NO		YES	NO
STANDPIPE SYSTEM			AUTOMATIC SPRINKLER SYSTEM	X	
YARD HYDRANT SYSTEM					
STANDPIPE FIRE TELEPHONE AND SIGNALING SYSTEM					
SMOKE DETECTOR	X				
FIRE ALARM AND SIGNAL SYSTEM					

STORM DRAINAGE DISCHARGES INTO:
 A) STORM SEWER B) COMBINED SEWER C) PRIVATE SEWAGE DISPOSAL SYSTEM

SANITARY DRAINAGE DISCHARGES INTO:
 A) SANITARY SEWER B) COMBINED SEWER C) PRIVATE SEWAGE DISPOSAL SYSTEM

LIMITATIONS OR RESTRICTIONS:
 BOARD OF STANDARDS AND APPEALS CAL. NO. _____
 CITY PLANNING COMMISSION CAL. NO. _____
 OTHERS: _____

Office of the City Register

HELP

[Click help for additional instructions]
Selecting a help option will open new window

Current Search Criteria:

Borough: QUEENS
Block: 9757
Lot: 18
Date Range: To Current Date
Document Class: All Document Classes

Search Results By Parcel Identifier

View	Reel/Pg/File	CRFN	Lot	Partial	Recorded / Filed	Document Type	Pages	Party1	Party2	Party 3/ Other	More Party 1/2 Names	Corrected/ Remarks	Doc Amount
DET IMG		2006000222623	18	PARTIAL LOT	4/21/2006 10:02:50 AM	INITIAL UCC1	4	GREATER JAMAICA DEVELOPMENT CORP.	NEW YORK COMMUNITY BANK				0
DET IMG	6237/1313		18	ENTIRE LOT	2/28/2002	SATISFACTION OF MORTGAGE	3	BRUNSWICK APPRAISALCORP	NEW YORK SAVINGS BANK		✓		0
DET IMG	6237/1310		18	ENTIRE LOT	2/28/2002	RELEASE	3	FIRST NIAGARA BANK	FELDMAN, TILLIE		✓		0
DET IMG	6504/1838		18	ENTIRE LOT	7/31/2001	SATISFACTION OF MORTGAGE	0	PUPPET REALTY CORP	163 REALTY CO ETAL				0
DET IMG	5909/415		18	ENTIRE LOT	6/14/2001	ASSIGNMENT, MORTGAGE	12	GREATER JAMAICA DEVCORP	ROSLYN SAVINGS BANK				0
DET IMG	5909/383		18	ENTIRE LOT	6/14/2001	MORTGAGE	32	GREATER JAMAICA DEVCORP	ROSLYN SAVINGS BANK				400,000
DET IMG	5909/371		18	ENTIRE LOT	6/14/2001	DEED	4	PUPPET REALTY CORP	GREATER JAMAICA DEVCORP				0
DET IMG	1413/1946		18	ENTIRE LOT	3/22/1982	AGREEMENT	6	CONSOLIDATED EDSN CO.N.Y	PUPPET REALTY CORP.				0
DET IMG	1413/1944		18	ENTIRE LOT	3/22/1982	ASSIGNMENT, MORTGAGE	2	LUBASH, SYLVIA	CONSOLIDATED EDSN/CO.N.Y		✓		0
DET IMG	1214/1170		18	ENTIRE LOT	11/16/1979	SUNDRY AGREEMENT	4	WEISSMAN LOUIS			✓		0
DET IMG	795/448		18	ENTIRE LOT	10/25/1974	DEED	2	LUBASH MARTIN	PUPPET REALTY CORP		✓		0
DET IMG	793/532		18	ENTIRE LOT	10/17/1974	MORTGAGE	7	PUPPET REALTY CORP	163 REALTY CO				0
DET IMG	563/1356		18	ENTIRE LOT	4/14/1972	SUNDRY AGREEMENT	160	NEW YORK BANK FOR SAVINGS			✓		0
DET IMG	20/315		18	ENTIRE LOT	1/24/1966	AGREEMENT	6	163 REALTY CORP	ASSOCIATED HOSPITAL SERVICE OF NY		✓		0
DET IMG	20/306		18	ENTIRE LOT	1/24/1966	ASSIGNMENT, MORTGAGE	9	163 REALTY CORP	THE NY BANK FOR SAVINGS				0

Records 1 - 15 << previous next >> Max Rows 99

[Search Options] [New BBL Search] [Edit Current Search] [Print Index]

ENVIRONMENTAL QUESTIONNAIRE for PHASE I ESA

AS REQUIRED by ASTM Standard E1527-05

Site Name: GJDC 161st STREET DEVELOPMENT
 Address: 90-11 & 90-14 161st ST, JAMAICA NY 11432
 Tax Identification (Section/ Block/ Lot): BLOCK 9757, LOTS 18, 20, 22, 29

The Site Owner/ Client/ Key Site Manager should provide the following information. Please fill in this form to the best of your ability, explaining any Yes answers on a separate sheet of paper. Without these answers, our report would have to note that the Phase One is incomplete, and your Landowner Liability Protections could be at risk. We need these answers before we conduct the site visit.

- Reasoning.** Why is the Phase I ESA being performed (i.e. sale, purchase, refinance, exchange, etc)?
Purchase of site from Greater Jamaica Development Corp.
- Identification.** Who is the subject property contact and how the contact and be reached?
Mary Reda, Director of RE Operations
 Greater Jamaica Dev Corp., (718)-291-0282 x124
- Future Plans.** What are the future plans for the subject property? (remain as is, demolition, construction, etc). If development changes are to be completed please include a site plan/survey.
Construction, including an office building and a residential coop building (w/some retail)
- Environmental Cleanup Liens.** ASTM requires the User to check for environmental liens that may be filed or recorded against the subject property under federal, tribal, state or local law. Such liens might be listed in the "exceptions to coverage" in the property's title insurance commitment or policy. Failure to check for these liens could put your Landowner Liability Protections at risk.
 Have you checked for these environmental cleanup liens? Yes No
 Are you aware of any such liens against the subject property? Yes No
- Activity and Use Limitations (AULs).** These include engineering controls (e.g., slurry walls, caps) and land use restrictions or institutional controls (e.g., deed restrictions, covenants) that may be in place at the site or filed under federal, tribal, state or local law. The title commitment or policy might also list AULs.
 Are you aware of any possible AULs involving the subject site? Yes No
- Specialized Knowledge.** This involves personal knowledge or experience related to the subject property or nearby properties. For example, if you are involved in the same line of business as the current or former occupants of the property or an adjoining property, you would probably know of any chemicals, oil, degreasers, gasoline, or other hazardous substances commonly used in that type of business.
 Do you have any specialized knowledge that might indicate the past or present use or release of such substances on the subject or nearby properties? Yes No
- Fair Market Value (FMV).** A purchase price significantly below FMV may indicate an environmental problem. Please note that this question does not require an appraisal of the property. If the price is significantly below FMV, the User should consider whether it might be because contamination may be present at the property.
 Is the purchase price significantly below fair market value? Yes No
- Obvious Indicators.** This involves past or present spills, stains, releases, cleanups, etc. on or near the site.
 Do you know of any obvious indicators of possible contamination on or near the site? Yes No

9. **Common Knowledge.** Please use a separate sheet if necessary.

a. Describe the past uses of the property: _____

b. Describe any specific chemicals that may have been present at the property: _____

c. Describe any historical releases, leaking tanks, hazardous material responses, flooding, or fires at the subject property: _____

d. Describe any other information that may help us identify possible contamination: _____

10. **Previous Owners/Occupants of the Property.** Please list previous owners, operators, and/or occupants and their contact information, if available. _____

11. **Historical underground storage tanks (USTs) at the Property.**

Have there been any USTs at the property in the past?

Yes No

12. **Historical aboveground storage tanks (ASTs) at the Property.**

Have there been any ASTs at the property in the past?

Yes No

13. **Historical Water Use Wells at the Property.**

Have there been groundwater monitoring wells or water use wells at the Property?

Yes No

14. **Artificial fill or dumping at the Property.**

Has artificial fill or dumping taken place at the property?

Yes No

15. **Historical Utilities at the Property.**

Have utilities changed at the property (i.e. septic system or private well)?

Yes No

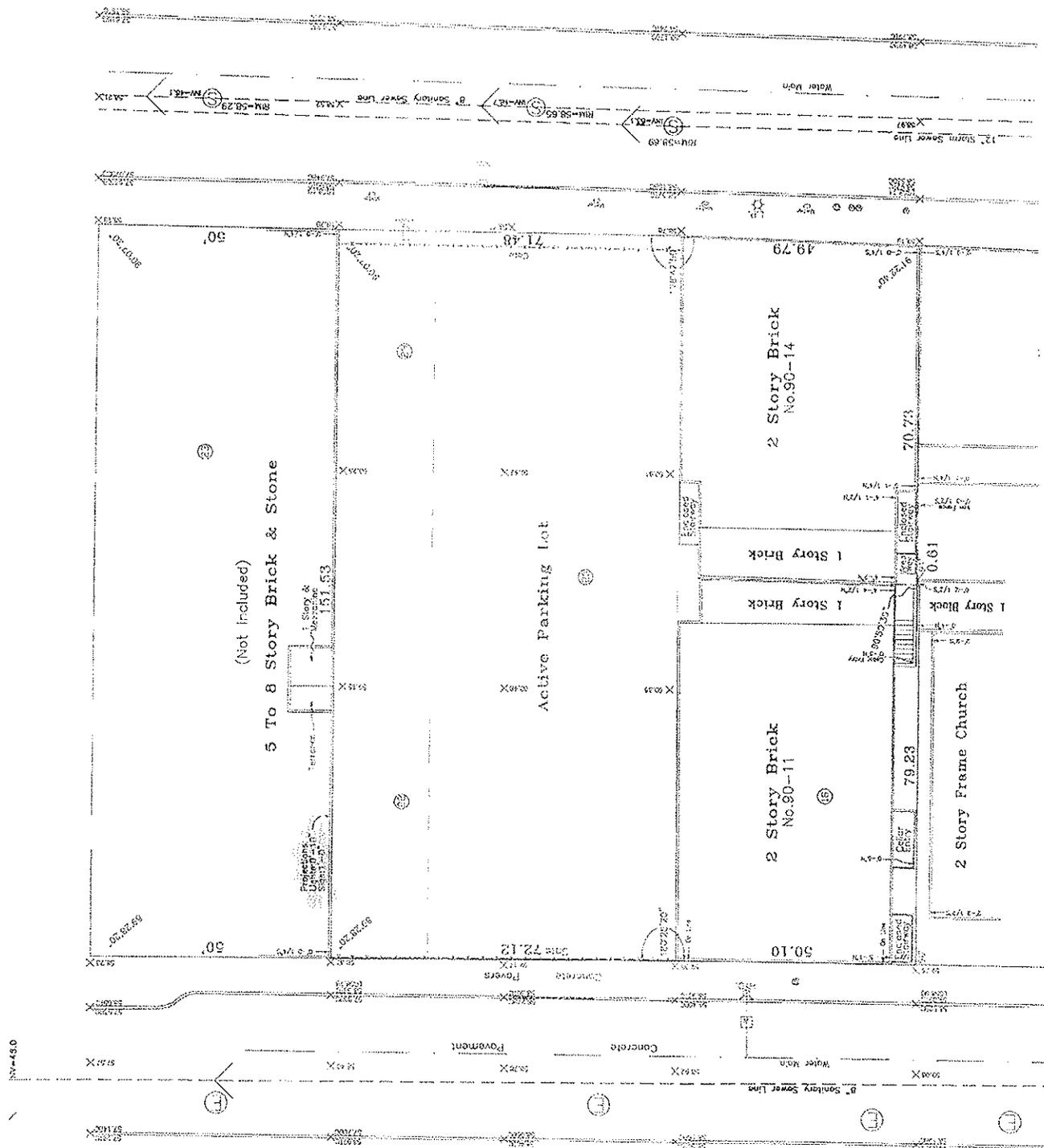

Your Signature

4/10/08
Date

of separate sheets attached: _____
Explain Yes answers on a separate sheet.

- Footcandle Ramp
- Sanitary Sewer Line
- Water Line
- Chain Link Fence
- Tree W/Dimension
- Traffic Light Pole
- Traffic Signal Box
- Gas Line
- Electric Line
- Telephone Line
- Existing Top Lot No.

161st Street



160th Street

Appendix E
Professional Profiles

Christopher J. O'Leary



Mr. O'Leary has two years of experience in the field of environmental consulting. As a consultant, he has performed and managed over 150 Phase I Environmental Site Assessments (ESAs). Mr. O'Leary has designed over 50 Phase II ESA Subsurface Investigation work/ sampling plans. He also has an in-depth knowledge of Underground Storage Tank (UST) protocol of Nassau and Suffolk Counties, New York City, and Federal regulations.

Mr. O'Leary has written numerous Remedial Action Work Plans (RAWPs) and Construction Health and Safety Plans (CHASPs) for New York City Department of Environmental Protection (NYCDEP) authorization.

Mr. O'Leary has also began mediating with clients and the New York City Department of Environmental Protection (NYCDEP) on e-designated "haz-mat lots" to receive "notice to proceed" approval from the New York City Department of Buildings.

Registrations & Professional Affiliations

- Environmental Advocates of New York, Member.

Fields of Competence

- Phase I & II Environmental Site Assessments (ESAs)
- Phase II ESA Investigation / Work Plans
- Investigation and Remediation Management
- Underground Storage Tank (UST) protocol of Nassau and Suffolk Counties, New York City, and Federal regulations.
- NYC DEP e-designated "haz-mat lots"
- Remedial Action Work Plans (RAWPs)
- Construction Health and Safety Plans (CHASPs)

Education / Training

- ASTM E2600-08 Standard Practice for Assessment of Vapor Intrusion into Structures on Property Involved in Real Estate Transactions, 2008.
- 10-hour OSHA 29 CFR 1926, Safety and Health Standards for Construction, 2008.
- 40-Hour OSHA HAZWOPER 1910.120 Health and Safety Training, 2007.
- ASTM E1527-05 Environmental Site Assessments: Phase I Environmental Site Assessment Process, 2006.
- M.A., Science Adolescent Education, Adelphi University, Garden City, NY, 2006.
- B.S., Biology, Saint Joseph's College, Patchogue, NY, 2004.

Languages

- English.

Honors

- Kappa Delta Pi International Honor Society.

Key Projects

Position: Project Manager

Client: Site Seven 22 Properties Client

Year: 2007

Brief description: Project manger for the completion of twenty-two (22) Phase I Environmental Site Assessment reports. The Sites throughout Harlem are said to become New York City affordable housing units.

Position: Project Manager

Client: Allied West Developers

Year: 2007

Brief description: Project manger for the completion of a Phase I Environmental Site Assessment report of multiple properties which require limited Phase II investigations. The entire assessment was performed for land acquisition, possible future development, and risk assessment.

Position: Project Manager

Client: Confidential

Year: 2006

Brief description: Project manger for the completion of eleven (11) Phase I Environmental Site Assessment reports in Bedford-Stuyvesant and ten (10) Phase I ESA reports in Ocean Hill and Brownsville, NY. The Sites throughout Brooklyn are said to become New York City affordable housing units.

Position: Project Manager

Client: Grand Street Developers

Year: 2006

Brief description: Project manger for the completion of a Phase I Environmental Site Assessment report and limited Phase II ESA investigation work for NYC "e" designated site. The entire Site assessment was performed for future redevelopment activities. A CHASP and RAWP were submitted to the NYC DEP for further approval. A "notice to proceed" letter from the NYC DOB was received for construction and development.

Ernest Rossano, C.P.G.



Mr. Rossano has 20 years of varied hydrogeologic experience, including 3 years as a Project Manager for the United States Geological Survey, Water Resources Division on Long Island. His experience includes the design of monitoring well networks for volatile organics, hydrocarbons, and collection of basic hydrogeologic parameters; seismic, downhole geophysical, and sample log analysis and correlation; supervision and analysis of pump tests in confined and unconfined strata; numerical modeling of ground water flow and solute transport; and management of large scale remedial investigations and remediation.

Registrations & Professional Affiliations

- Certified Professional Geologist
- National Ground Water Association
- American Institute of Professional Geologists
- Association of Ground Water Scientists & Engineers

Fields of Competence

- Management of ground water pollution investigations
- Analysis of surface and ground water flow systems
- Surface and subsurface water quality monitoring
- In-situ permeability testing
- Infiltration testing
- Stratigraphic analysis, correlation and interpretation
- Multi-media sampling
- Tank removal and associated soils assessment
- Aquifer test analysis
- Ground water modeling
- Fate & Transport modeling
- Applied geophysics
- Municipal water supply
- Soil Vapor Extraction
- Air Sparging
- Bioventing/Biosparging
- Design & Installation of Horizontal Wells
- Construction Management
- Data Management using GIS Systems

Education

- M.S. Hydrogeology, State University of New York at Stony Brook, 1992
- B.S. Geology, Southampton College, New York, 1984

Key Projects

Comparison of major land use with the overall water quality of Long Island, New York.

Management and supervision of monitoring well network using over 1,000 wells. Correlation of data for use in USGS-published annual reports.

Stream gauging and surface water sampling on Long Island for the USGS National Stream Quality Accounting Network (NASQAN) and National Water Quality Assessment (NAWQA) programs.

Supervision of field activities including aquifer testing, test borings, well installation, recovery well construction, soil vapor and ground water sampling, and data evaluation.

Design and installation of a static hydrocarbon recovery system using 29 wells to recover over 450,000 gallons of product.

Supervision of tank removal and subsequent soils evaluation for contamination.

Design and installation of a municipal supply well yielding over 1,000 gallons per minute. Supervised all aspects of well construction and acceptance testing.

Three dimensional ground water flow model of New Jersey Coastal Plain deposits, to determine recovery well locations and rates, and feasibility of recharging treated effluent.

Pilot testing of soil vapor extraction and air sparging at several sites with varied hydrogeologic settings.

Pilot testing of bioventing and biosparging in glacial outwash deposits in New York.

Project Manager for the design, construction and operation of a 4000 scfm air sparge and 6200 scfm soil vapor extraction system consisting of 181 vertical and three horizontal sparge wells and 33 vertical and 1 horizontal soil vapor extraction wells. Provided direct construction management supervision for installation of 4 horizontal wells averaging 1100 feet in length. As project manager was responsible for construction management of above ground treatment system components.

Regional scale three-dimensional flow and solute transport model of hydrocarbons in glacial terrain in New York used to negotiate favorable cleanup criteria for the client.

Flow & transport model of a chlorinated solvent plume on Long Island, New York Constructed a model involving the movement of ground water and chlorinated solvents in highly permeable glacial sediments. This model utilized the MT3D code and site-specific decay rates to demonstrate fate and transport.

Flow & transport model of a chlorinated solvent plume in East Rutherford, New Jersey. Constructed a model involving the movement of ground water and chlorinated solvents in overburden sediments and wetland areas. This model utilized the RT3D code and site-specific decay rates to develop a Classification Exception Area and demonstrate monitored natural attenuation.

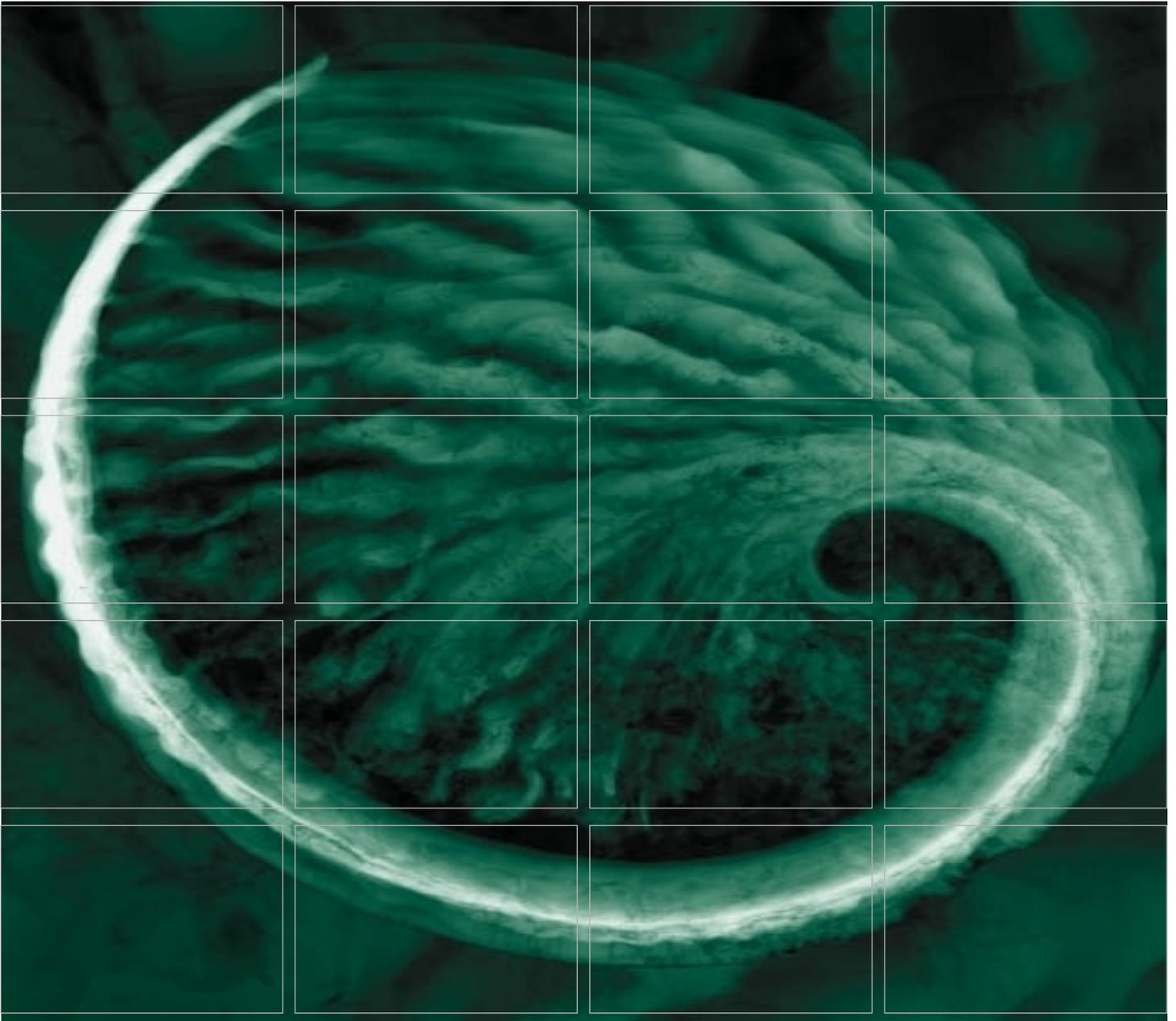
Managed a site decommissioning and remedial investigation for a large defense industry client. Investigation results indicated significant chromium contamination in soil and ground water and led to inclusion in the New York State Voluntary Cleanup Program. Sediment and surface water samples were collected from multiple locations in the East River as part of the remedial investigation. Additional investigation and remediation are pending NYSDEC review. Chosen remedial methods were excavation and in situ stabilization/reduction. As project manager was responsible for construction management aspect of implementing the remedial strategy.

Database setup and management for multiple large remedial investigation projects using GIS/Key. Database outputs include geologic and chemical cross sections, isoconcentration maps, graphs, data tables, and statistical analysis. Exports from databases have been used in ground water flow and solute transport modeling.

Management of a large ISRA project on a site contaminated with metals and chlorinated solvents. Key aspects of this project include; litigation support, active ground water remediation, off site plume delineation, ground water monitoring, data management and soil remediation.

APPENDIX B

Phase II ESA Report



Phase II Environmental Site Assessment

Bluestone Jamaica I, LLC.

90-11 & 90-14 161st Street
Queens, New York 11432

20 June 2008

PHASE II ENVIRONMENTAL SITE ASSESSMENT

Bluestone Jamaica I, LLC

*90-11 & 90-14 161st Street
Queens, New York 11432*

20 June 2008

Project Number: 0085523

Prepared for:

Bluestone Jamaica I, LLC
193-04 Horace Harding Expressway
Fresh Meadows, NY 11365

Prepared by:

**Environmental Resources Management
Consulting & Engineering Inc.**
520 Broad Hollow Road, Suite 210
Melville, NY 11747

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1.0

INTRODUCTION

This Phase II Environmental Site Assessment Report has been prepared by Environmental Resources Management Consulting & Engineering Inc. (ERM) to summarize the site investigation activities performed for the properties located at 90-11 & 90-14 161st Street in Queens, New York (the “subject properties”).

ERM was retained by Bluestone Jamaica I, LLC (the “Client”) to perform a Phase I Environmental Site Assessment (ESA) of the subject properties in April 2008. The Phase II Environmental Site Assessment was conducted in June of 2008 to investigate a Recognized Environmental Condition (REC)¹ identified during the Phase I Assessment.

1.1

BACKGROUND

The subject properties are situated in a commercial zoning area of Jamaica, Borough of Queens, New York. The extent of the entire property is approximately 14,800 square feet (Figure 1). 90-11 and 90-14 161st consists of two buildings built circa 1938. The buildings are each two floors with a basement and include residential lofts, office, and storage space. In addition, the subject properties have a 72’ by 152’ parking lot to the north of the buildings. The subject properties are owned by the Greater Jamaica Development Corporation. The subject properties are surrounded by The Title Guarantee Company, residential apartments, a deli, and a parking garage. The surface area of the subject properties consists of asphalt parking areas, concrete sidewalks and exposed soils.

¹ A Recognized Environmental Condition (REC), as defined in ASTM E 1527-05, is “the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property, excluding de minimis conditions.”

Historic records revealed that the subject properties were utilized as residential dwellings and the Chub Club until the early 1920s. From circa 1925 until the 1960s the subject properties maintained stores and residential dwellings. From the mid-1960s until the present, the subject properties have maintained stores, offices, and parking areas. Further information on the nature of the operations for these various occupants was not available.

1.2 *PREVIOUS ENVIRONMENTAL INVESTIGATION*

The April 2008 Phase I Environmental Site Assessment identified the following recognized environmental condition (REC) at the subject properties:

Historic Operations/ Use

Review of historical Sanborn maps revealed that the subject properties maintained dwellings, the Chub Club, a club house, a trailer shop, stores, offices, and parking areas. Further, the New York City Department of Building records indicated that the subject properties were listed as an automatic self-service laundry store in 1947. No further information was made available during this assessment regarding the previous stores, the heating system of the buildings prior to gas connection, any chemical disposal practices of the former operations, or the removal of any petroleum tanks from the site. Based on these historic uses, the New York City Department of Planning has listed the subject properties with an “e”-designation for hazardous material as part of rezoning. The designation was determined based on a preliminary investigation of the subject properties which indicated that the potential exists for hazardous materials to be present at the subject properties. Lots with “e”-designations may not be issued a building permit allowing: 1) any development; 2) any enlargement, extension or change of use involving residential or community facility use; and 3) any enlargement that

disturbs the soil on the lots until the New York City Building Department is provided with a report from the New York City Department of Environmental Protection (NYCDEP) stating that the environmental “e”-designation requirements for the property have been met. Accordingly, a limited subsurface investigation was recommended to determine if the environmental quality of the subject properties have been adversely impacted by former on-site activities.

2.0 *SITE INVESTIGATION ACTIVITIES*

2.1 *SCOPE OF PHASE II INVESTIGATION*

Based on the results of the Phase I Environmental Assessment, ERM's Phase II Limited Investigation at the subject properties focused on a geophysical survey, groundwater and soil sampling, and analysis of media. The investigative data was gathered to evaluate any potential remedial needs for the subject properties. Under current future redevelopment plans, the buildings to be constructed will have a cellar under the residential building and a subterranean parking area beneath the commercial building.

2.2 *GEOPHYSICAL SURVEY*

On 5 June 2008, a subsurface geophysical investigation was conducted at the subject properties to detect the possible presence of underground storage tanks (USTs), associated piping, and clear soil boring locations. GPR survey locations are shown in Figure 2. Complementary geophysical methods were employed that included a Sensors and Software N250*plus* cart mounted Ground Penetrating Radar (GPR), a Radiodetection (RD) RD4000 multi-frequency transmitter and receiver, and a Fisher TW-6 Magnetic Locator to survey the area of concern.

GPR has been developed over the past thirty years for shallow, high-resolution, subsurface investigations of the earth. GPR uses high frequency pulsed electromagnetic waves (generally 10 MHz to 1,600 MHz) to acquire subsurface information. Energy is propagated downward into the ground and is reflected back to the surface from boundaries where there are electrical property contrasts. GPR is a method commonly used for environmental, engineering, archeological, and other shallow investigations.

GPR units can penetrate soil at depths of up to eight meters (24') under optimum soil conditions such as unsaturated sands and fine gravels. In other circumstances the effective depth may be greatly reduced due to site-specific conditions such as a shallow groundwater table, increased soil conductivity (clayey or highly saline soils), areas covered by concrete with steel reinforcing or areas underlain by foundary slag. The GPR unit used a 250MHz antenna and was set to transmit to a depth of 8 feet below the subsurface, but actual signal penetration was approximately 3' - 4' below ground surface (b.g.s).

The Radiodetection (RD) RD-4000 transmitter and receiver is commonly used for pipe and cable locating. The multi-frequency transmitter can be directly connected, clamped, or induced to a target line while the multi-frequency receiver is used to get the signal from energized lines.

The TW-6 is designed to find pipes, cables and other metallic objects such as underground storage tanks (USTs). One surveyor can carry both the transmitter and receiver together, making it ideal for "blindly" searching for bulk metals.

2.3 *GROUNDWATER SAMPLING*

Two (2) groundwater samples were collected as part of this Phase II Investigation. The locations were selected to determine if site activities or adjacent properties have had any impact on groundwater quality beneath the subject properties. Groundwater boring locations are shown in Figure 3.

The groundwater samples were acquired utilizing a Geoprobe hydraulic probing tool. Groundwater was encountered at approximately 40' below land surface and flows in a southwesterly direction. Groundwater samples were collected by advancing a screen point sampling device to 40'

below ground surface level. Once the tool was at a depth of 40', three volumes were purged from the rods and a sample was collected.

The groundwater samples were analyzed for Volatile Organic Compounds (VOCs), Semi-Volatile Organic Compounds (SVOCs), Target Analyte List (TAL) Metals (unfiltered) via methods 8260B, 8270C and 6010B, respectively.

2.4 SOIL SAMPLING

Six (6) soil borings were installed in a grid pattern across the subject properties. Soil boring locations are shown in Figure 4. Direct push technologies were utilized to advance a macro-core sampler fitted with an acetate liner into the subsurface to collect the soil samples. Continuous cores were collected from the surface to 40' bgs (depth of the groundwater table). A surface sample (0'-2') was collected and a worst case sample (as determined by PID, visual and olfactory observation) was also collected and analyzed from the 2'-40' interval for delineation and waste characterization of the source material. Soil boring logs from each location are included as Appendix C.

The soil samples were analyzed for Volatile Organic Compounds (VOCs), Semi-Volatile Organic Compounds (SVOCs), RCRA metals and PCBs via methods 8260B, 8270C, 7471/6010 and 8082, respectively.

2.5 LABORATORY ANALYSIS

The soil and groundwater samples were placed into an insulated cooler packed with ice and delivered to United Chemist Laboratories in Farmingdale, New York. All samples were sent under sealed Chain of Custody documentation.

3.0 RESULTS OF THE SITE INVESTIGATION

3.1 GEOPHYSICAL INVESTIGATION

Data was collected from the subject properties using a T-W6 metal detector and a cart mounted GPR unit. There were six areas of concern identified on the subject properties. The first two areas were detected by the T-W6 which was utilized in a grid pattern scan throughout the client specified area. The first area was located near the northeastern side of the lot. The anomaly demonstrated a high metallic response, while GPR data was inconsistent with a UST signature. The area measured an estimated 8'x 6'.

The second metallic anomaly was located near the southwest end of the property. High metallic response was recorded, but again GPR data did not indicate a signature consistent with a UST. The metallic area measured an estimated 16'x 8'.

The GPR survey detected four other areas of concern. Each subsurface anomaly was located adjacent to each other, and found in the northeastern corner. These anomalies produced small trace amounts of metal. The estimated dimensions measured 6'x 6', 10'x 4', 7'x 5', and 4'x 3'. The GPR data was inconsistent with USTs.

3.2 GROUNDWATER & SOIL SAMPLING

Laboratory reports and sample Chains of Custody are included as Appendix B. Groundwater sample analytical results were compared to the the New York State Department of Environmental Conservation Technical Operational Guidance Series (TOGS) 1.1.1, Ambient Water Quality Standards and Guidance Values (GWQS&GV). The soil sample analytical results were compared to both the Recommended Soil Cleanup Objectives (RSCOs) contained in the New York State Department of Environmental Conservation (NYSDEC) Technical Administrative Guidance Memorandum (TAGM) #4046, New York State Code Rules and

Regulations (NYCRR) Title 6 Part 375, Determination of Soil Cleanup Objectives.

Table 1 presents the results of all of the groundwater samples collected during the Phase II investigation. Table 2 presents the results of all groundwater samples exceeding the GWQS&GV. The groundwater analytical results collected during the Phase II ESA detected three SVOCs (benzo(a)anthracene, pyrene, and chrysene) and metal concentrations that exceed their respective GWQS&GV. The metals that were exceeding, GWQS&GV, were antimony, barium, chromium, iron, magnesium, manganese, and sodium.

Table 3 presents the results of all of the soil samples collected during the Phase II investigation. Table 4 presents the results of all soil samples exceeding the RSCOs. Analytical results of soil samples collected during the Phase II ESA confirm that a limited number of SVOCs and metals are present in the in fill layer/shallow soils in excess of the RSCOs as well as the newer Part 375 soil cleanup standards applicable to a commercial use of the subject properties. The types and concentrations of analytes detected in the fill/shallow soils at the subject properties are generally consistent with the urban environment where the subject properties are located.

Relatively low levels of metals were observed in soils throughout the subject property. Soil boring location (SB-05) resulted in elevated concentrations of polycyclic aromatic hydrocarbons (PAHs). The PAHs detected above cleanup objectives include:

Organic Compounds Detected In Soil Samples				
Constituent	Part 375 Restricted SCO Commercial (µg/kg)	Part 375 Restricted SCO GW Protection (µg/kg)	TAGM Recommended Soil Cleanup Objective (µg/kg)	Detected Concentration (µg/kg)
Benzo(a)anthracene	5,600	1,000	224	5,231
Benzo(a)pyrene	1,000	22,000	6,100	61,480
Benzo(b)fluoranthene	5,600	17,000	1,100	40,600
Benzo(k)fluoranthene	56,000	1,700	1,100	62,640
Chrysene	56,000	1,000	400	5,568
Indeno(1,2,3-cd)pyrene	5,600	8,200	3,200	33,640

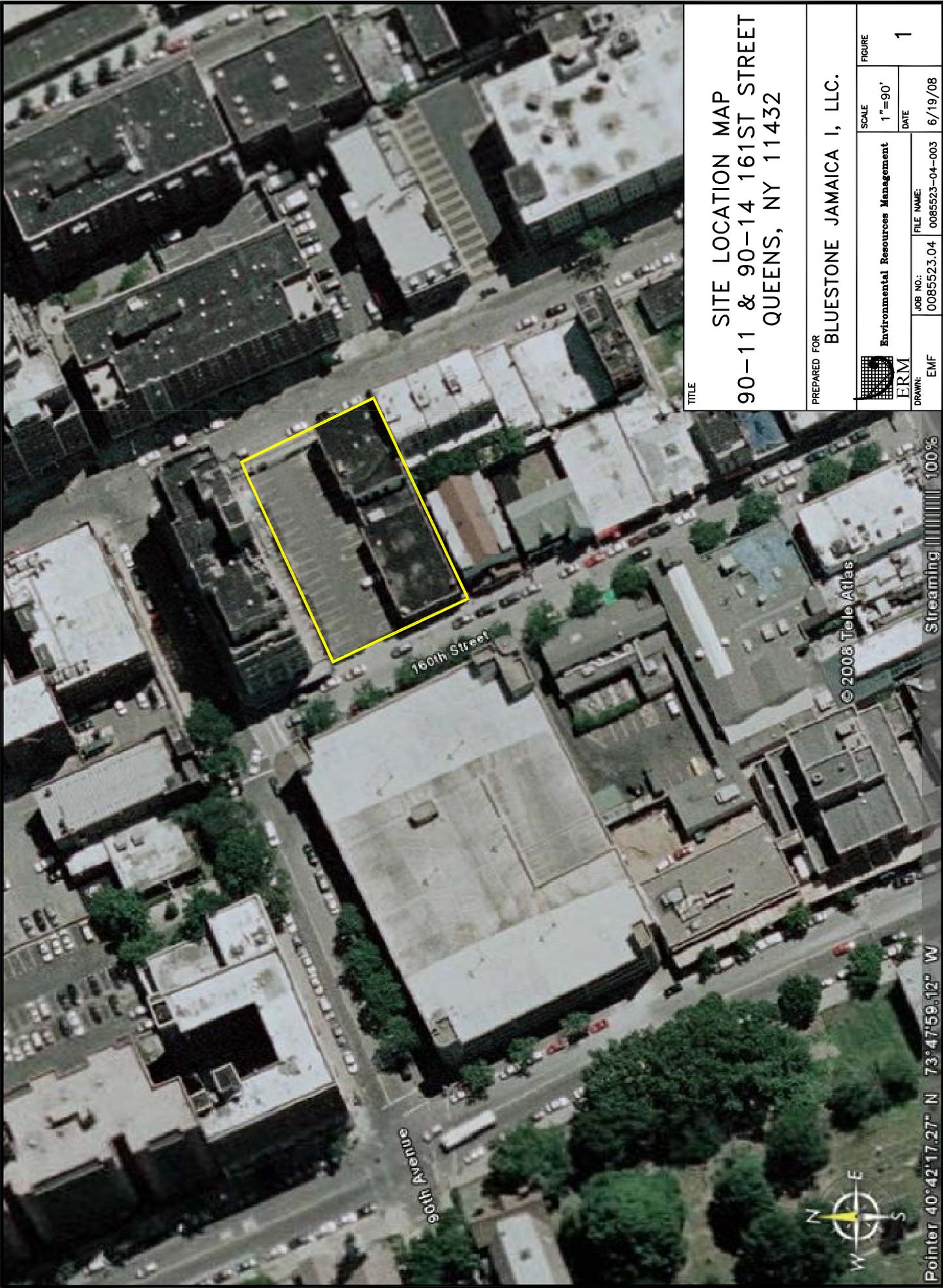
CONCLUSIONS

Based upon this assessment, dated 20 June 2008, ERM concludes that SVOCs and heavy metals were detected in soil and groundwater samples above guidance clean-up objectives. The detected metals were present in the subsurface soils at concentrations above regional background levels. However, the concentrations and the distribution of the analytes suggest that their presence is ubiquitous in the subject property fill, and not a result of previous site operations.

This type of soil is typical to urban fill found throughout the New York metropolitan area. As a result, the urban fill/ impacted soil is considered a regulated waste in the State of New York and is therefore required to be managed in accordance with State Solid Waste Regulations (6 NYCRR Part 360). This would require that all impacted soil be excavated, handled, transported and disposed of in accordance with a Soil Management Plan that include waste material handling and UST contingency protocols prepared prior to any development and excavation of the subject properties.

Figures

Figure 1
Site Location Map



90th Avenue

160th Street



Pointer 40°42'17.27" N 73°47'59.12" W

© 2008 Tele Atlas

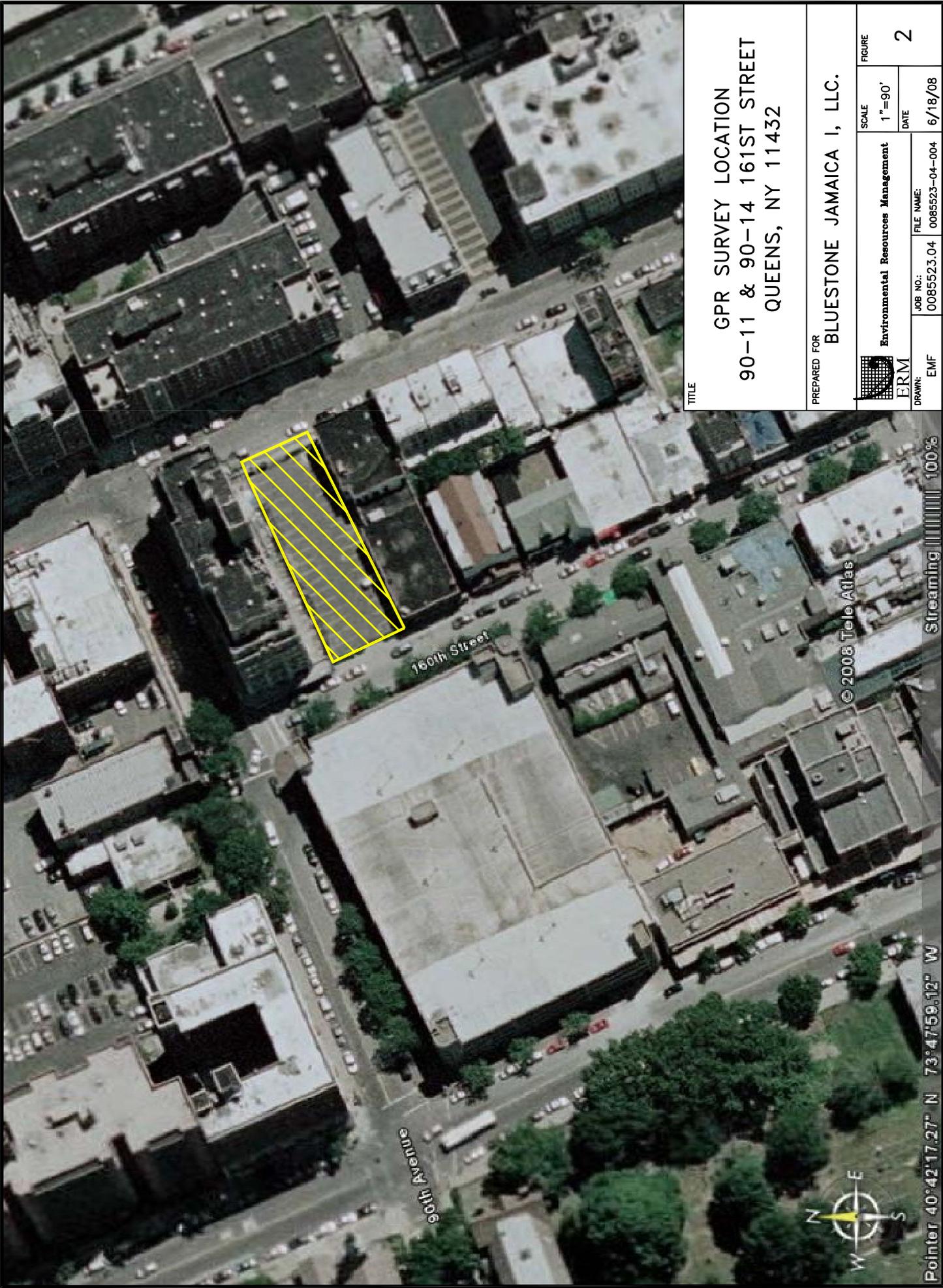
Streaming 100%

TITLE

SITE LOCATION MAP
90-11 & 90-14 161ST STREET
QUEENS, NY 11432

PREPARED FOR		BLUESTONE JAMAICA I, LLC.	
	Environmental Resources Management	SCALE	FIGURE
		1" = 90'	1
JOB NO:	FILE NAME:	DATE	
0085523.04	0085523-04-003	6/19/08	
DRAWN:	EMF		

Figure 2
Geophysical Survey Location



90th Avenue

160th Street



Pointer 40°42'17.27" N 73°47'59.12" W

© 2008 Tele Atlas

Streaming 100%

TITLE

GPR SURVEY LOCATION
90-11 & 90-14 161ST STREET
QUEENS, NY 11432

PREPARED FOR
BLUESTONE JAMAICA I, LLC.



Environmental Resources Management

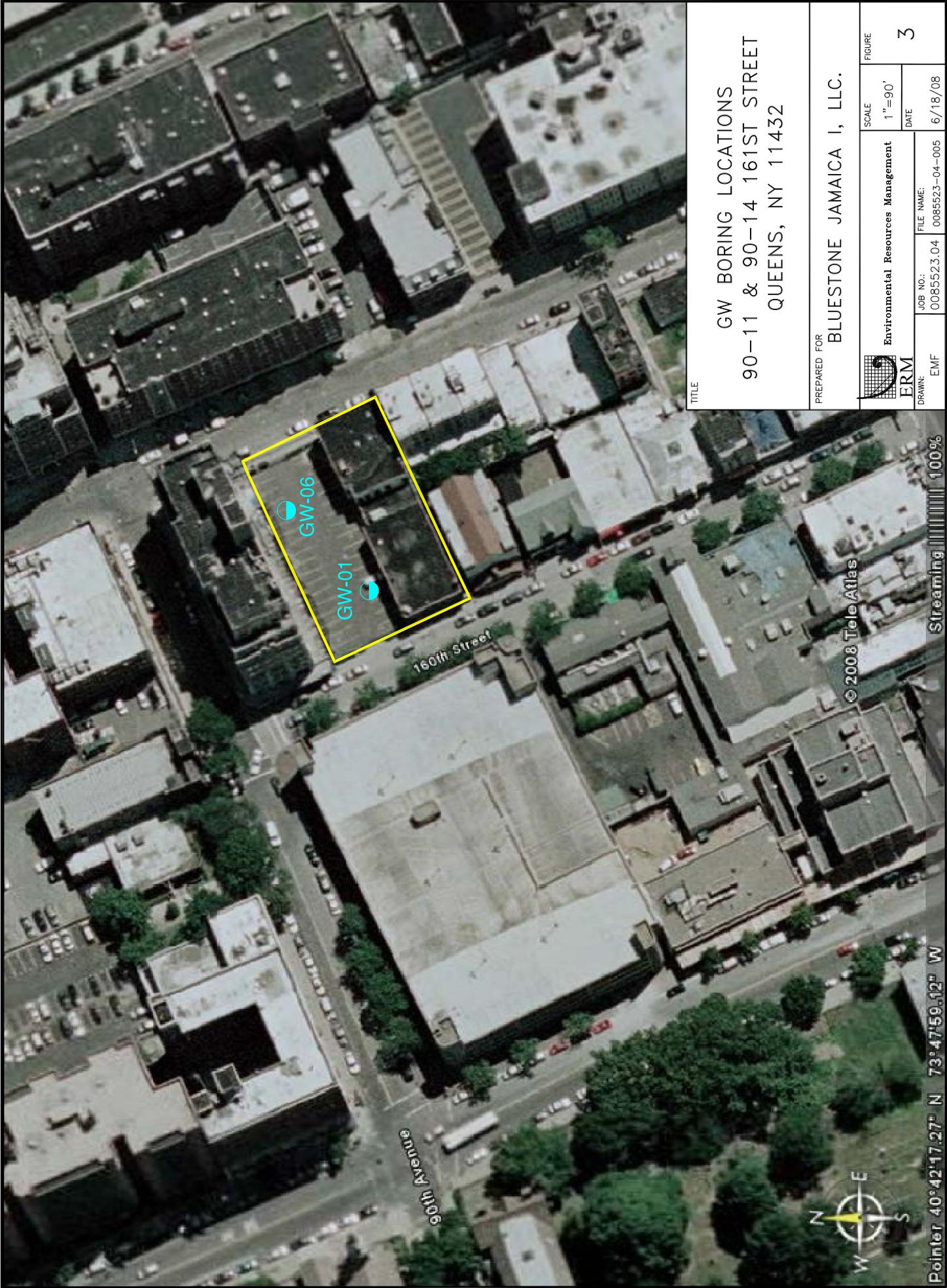
JOB NO.: 0085523.04
FILE NAME: 0085523-04-004
DRAWN: EMF

SCALE
1" = 90'

FIGURE
2

DATE
6/18/08

Figure 3
Groundwater Sampling Locations



TITLE

GW BORING LOCATIONS
 90-11 & 90-14 161ST STREET
 QUEENS, NY 11432

PREPARED FOR
 BLUESTONE JAMAICA I, LLC.



Environmental Resources Management

JOB NO:
 0085523.04

FILE NAME:
 0085523-04-005

DATE
 6/18/08

SCALE
 1" = 90'

FIGURE
 3

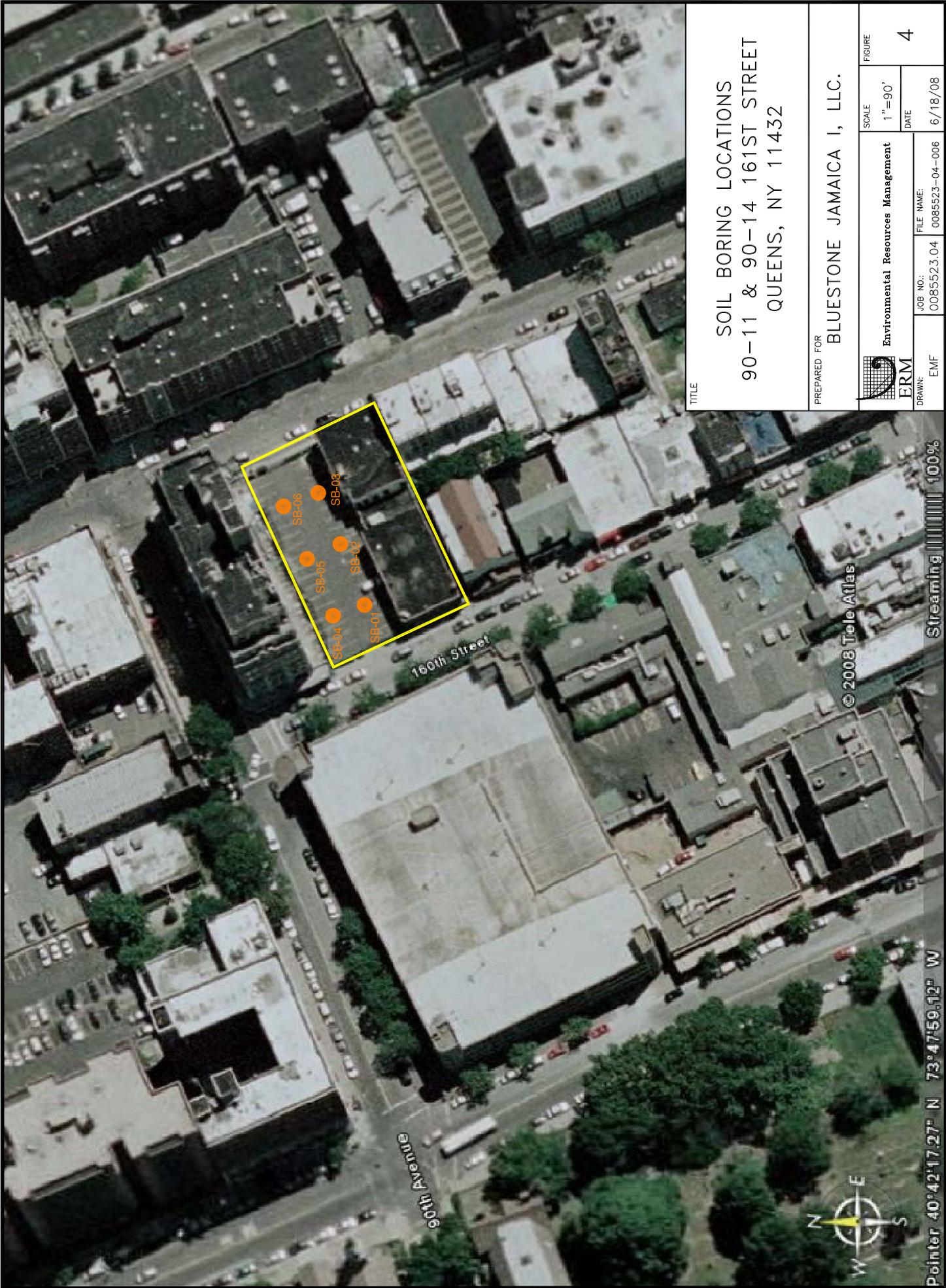
© 2008 TeleAtlas

Streaming 100%



Pointer 40°42'17.27" N 73°47'59.12" W

Figure 4
Soil Sampling Locations



TITLE

SOIL BORING LOCATIONS
 90-11 & 90-14 161ST STREET
 QUEENS, NY 11432

PREPARED FOR
 BLUESTONE JAMAICA I, LLC.



Environmental Resources Management

JOB NO: 0085523.04
 FILE NAME: 0085523-04-006

DRAWN: EMF

SCALE: 1"=90'
 DATE: 6/18/08
 FIGURE: 4

Appendices

Appendix A
Geophysical Photographs



Photograph 1: Anomalies found in northwest corner



Photograph 2: Anomalies found on the north side



Photograph 3: Metallic anomaly in northeast end

Appendix B
Laboratory Analytical Data



United Chemists

59-8 Central Avenue, Farmingdale, NY 11735
Phone - (516) 662-5038

NYS Lab ID # 11866

06/19/2008

Client: Environmental Resource Management
520 Broadhollow Road
Melville, NY 11741

Project: Bluestone

Laboratory Identifier: 0806007
Received: 06/10/2008

Respectfully submitted,

 C. DOMARADZKI

Laboratory Director



Volatile Compounds by EPA Method 8260B

Sample: 0806007-1

Client Sample ID: SB-01 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	5.40	5.40	ug/kg	U
71-55-6	1,1,1-Trichloroethane	5.40	5.40	ug/kg	U
79-34-5	1,1,2,2-Tetrachloroethane	5.40	5.40	ug/kg	U
79-00-5	1,1,2-Trichloroethane	5.40	5.40	ug/kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	5.40	5.40	ug/kg	U
75-34-3	1,1-Dichloroethane	5.40	5.40	ug/kg	U
75-35-4	1,1-Dichloroethene	5.40	5.40	ug/kg	U
563-58-6	1,1-Dichloropropene	5.40	5.40	ug/kg	U
87-61-6	1,2,3-Trichlorobenzene	5.40	5.40	ug/kg	U
96-18-4	1,2,3-Trichloropropane	5.40	5.40	ug/kg	U
120-82-1	1,2,4-Trichlorobenzene	5.40	5.40	ug/kg	U
95-63-6	1,2,4-Trimethylbenzene	5.40	8.64	ug/kg	
106-93-4	1,2-Dibromoethane	5.40	5.40	ug/kg	U
95-50-1	1,2-Dichlorobenzene	5.40	5.40	ug/kg	U
107-06-2	1,2-Dichloroethane	5.40	5.40	ug/kg	U
78-87-5	1,2-Dichloropropane	5.40	5.40	ug/kg	U
108-67-8	1,3,5-Trimethylbenzene	5.40	5.40	ug/kg	U
541-73-1	1,3-Dichlorobenzene	5.40	5.40	ug/kg	U
142-28-9	1,3-Dichloropropane	5.40	5.40	ug/kg	U
106-46-7	1,4-Dichlorobenzene	5.40	5.40	ug/kg	U
78-93-3	2-Butanone	5.40	5.40	ug/kg	U
95-49-8	2-Chlorotoluene	5.40	5.40	ug/kg	U
75-27-4	Bromodichloromethane	5.40	5.40	ug/kg	U
106-43-4	4-Chlorotoluene	5.40	5.40	ug/kg	U
79-46-9	2-Nitropropane	5.40	5.40	ug/kg	U
108-10-1	4-Methyl-2-pentanone	5.40	5.40	ug/kg	U
67-64-1	Acetone	27.0	27.0	ug/kg	U
107-13-1	Acrylonitrile	5.40	5.40	ug/kg	U
107-05-1	Allyl chloride	5.40	5.40	ug/kg	U
71-43-2	Benzene	5.40	5.40	ug/kg	U
108-86-1	Bromobenzene	5.40	5.40	ug/kg	U
74-97-5	Bromochloromethane	5.40	5.40	ug/kg	U
75-25-2	Bromoform	5.40	5.40	ug/kg	U
74-83-9	Bromomethane	5.40	5.40	ug/kg	U



Volatile Compounds by EPA Method 8260B

Sample: 0806007-1

Client Sample ID: SB-01 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
75-15-0	Carbon disulfide	5.40	5.40	ug/kg	U
56-23-5	Carbon tetrachloride	5.40	5.40	ug/kg	U
108-90-7	Chlorobenzene	5.40	5.40	ug/kg	U
75-45-6	Chlorodifluoromethane	27.0	27.0	ug/kg	U
75-00-3	Chloroethane	5.40	5.40	ug/kg	U
67-66-3	Chloroform	5.40	5.40	ug/kg	U
74-87-3	Chloromethane	5.40	5.40	ug/kg	U
124-48-1	Dibromochloromethane	5.40	5.40	ug/kg	U
74-95-3	Dibromomethane	5.40	5.40	ug/kg	U
126-99-8	Chloroprene	5.40	5.40	ug/kg	U
75-71-8	Dichlorodifluoromethane	5.40	5.40	ug/kg	U
60-29-7	Diethyl ether	5.40	5.40	ug/kg	U
108-20-3	Diisopropylether	5.40	5.40	ug/kg	U
64-17-5	Ethanol	270	270	ug/kg	U
637-92-3	Ethyl tert-butyl ether	5.40	5.40	ug/kg	U
100-41-4	Ethylbenzene	5.40	5.40	ug/kg	U
87-68-3	Hexachlorobutadiene	5.40	5.40	ug/kg	U
98-82-8	Isopropylbenzene	5.40	5.40	ug/kg	U
126-98-7	Methacrylonitrile	5.40	5.40	ug/kg	U
1634-04-4	Methyl t-butyl ether	5.40	5.40	ug/kg	U
96-33-3	Methyl methacrylate	5.40	5.40	ug/kg	U
75-09-2	Methylene chloride	5.40	5.40	ug/kg	U
91-20-3	Naphthalene	5.40	6.48	ug/kg	
100-42-5	Styrene	5.40	5.40	ug/kg	U
75-65-0	Tertiary butyl alcohol	5.40	5.40	ug/kg	U
127-18-4	Tetrachloroethylene	5.40	5.40	ug/kg	U
108-88-3	Toluene	5.40	5.40	ug/kg	U
79-01-6	Trichloroethene	5.40	5.40	ug/kg	U
75-69-4	Trichlorofluoromethane	5.40	5.40	ug/kg	U
108-05-4	Vinyl Acetate	5.40	5.40	ug/kg	U
75-01-4	Vinylchloride	5.40	5.40	ug/kg	U
156-59-2	cis-1,2-Dichloroethene	5.40	5.40	ug/kg	U
10061-01-5	cis-1,3-Dichloro-1-propene	5.40	5.40	ug/kg	U
108-38-3	m+p-Xylene	5.40	5.40	ug/kg	U



United Chemists
59-8 Central Avenue, Farmingdale, NY 11735
Phone - (516) 662-5038

NYS Lab ID # 11866

06/19/2008

Volatile Compounds by EPA Method 8260B

Sample: 0806007-1

Client Sample ID: SB-01 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
104-51-8	n-Butylbenzene	5.40	5.40	ug/kg	U
103-65-1	n-Propylbenzene	5.40	5.40	ug/kg	U
95-47-6	o-Xylene	5.40	5.40	ug/kg	U
99-87-6	p-Isopropyltoluene	5.40	5.40	ug/kg	U
135-98-8	sec-Butylbenzene	5.40	5.40	ug/kg	U
98-06-6	tert-Butylbenzene	5.40	5.40	ug/kg	U
75-85-4	tert-amyl alcohol	5.40	5.40	ug/kg	U
994-05-8	tert-amyl methyl ether	5.40	5.40	ug/kg	U
156-60-5	trans-1,2-Dichloroethene	5.40	5.40	ug/kg	U



Volatile Compounds by EPA Method 8260B

Sample: 0806007-2

Client Sample ID: SB-04 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	6.96	6.96	ug/kg	U
71-55-6	1,1,1-Trichloroethane	6.96	6.96	ug/kg	U
79-34-5	1,1,2,2-Tetrachloroethane	6.96	6.96	ug/kg	U
79-00-5	1,1,2-Trichloroethane	6.96	6.96	ug/kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	6.96	6.96	ug/kg	U
75-34-3	1,1-Dichloroethane	6.96	6.96	ug/kg	U
75-35-4	1,1-Dichloroethene	6.96	6.96	ug/kg	U
563-58-6	1,1-Dichloropropene	6.96	6.96	ug/kg	U
87-61-6	1,2,3-Trichlorobenzene	6.96	6.96	ug/kg	U
96-18-4	1,2,3-Trichloropropane	6.96	6.96	ug/kg	U
120-82-1	1,2,4-Trichlorobenzene	6.96	6.96	ug/kg	U
95-63-6	1,2,4-Trimethylbenzene	6.96	6.96	ug/kg	U
106-93-4	1,2-Dibromoethane	6.96	6.96	ug/kg	U
95-50-1	1,2-Dichlorobenzene	6.96	6.96	ug/kg	U
107-06-2	1,2-Dichloroethane	6.96	6.96	ug/kg	U
78-87-5	1,2-Dichloropropane	6.96	6.96	ug/kg	U
108-67-8	1,3,5-Trimethylbenzene	6.96	6.96	ug/kg	U
541-73-1	1,3-Dichlorobenzene	6.96	6.96	ug/kg	U
142-28-9	1,3-Dichloropropane	6.96	6.96	ug/kg	U
106-46-7	1,4-Dichlorobenzene	6.96	6.96	ug/kg	U
78-93-3	2-Butanone	6.96	6.96	ug/kg	U
95-49-8	2-Chlorotoluene	6.96	6.96	ug/kg	U
75-27-4	Bromodichloromethane	6.96	6.96	ug/kg	U
106-43-4	4-Chlorotoluene	6.96	6.96	ug/kg	U
79-46-9	2-Nitropropane	6.96	6.96	ug/kg	U
108-10-1	4-Methyl-2-pentanone	6.96	6.96	ug/kg	U
67-64-1	Acetone	33.6	33.6	ug/kg	U
107-13-1	Acrylonitrile	6.96	6.96	ug/kg	U
107-05-1	Allyl chloride	6.96	6.96	ug/kg	U
71-43-2	Benzene	6.96	6.96	ug/kg	U
108-86-1	Bromobenzene	6.96	6.96	ug/kg	U
74-97-5	Bromochloromethane	6.96	6.96	ug/kg	U
75-25-2	Bromoform	6.96	6.96	ug/kg	U
74-83-9	Bromomethane	6.96	6.96	ug/kg	U



Volatile Compounds by EPA Method 8260B

Sample: 0806007-2

Client Sample ID: SB-04 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
75-15-0	Carbon disulfide	6.96	6.96	ug/kg	U
56-23-5	Carbon tetrachloride	6.96	6.96	ug/kg	U
108-90-7	Chlorobenzene	6.96	6.96	ug/kg	U
75-45-6	Chlorodifluoromethane	33.6	33.6	ug/kg	U
75-00-3	Chloroethane	6.96	6.96	ug/kg	U
67-66-3	Chloroform	6.96	6.96	ug/kg	U
74-87-3	Chloromethane	6.96	6.96	ug/kg	U
124-48-1	Dibromochloromethane	6.96	6.96	ug/kg	U
74-95-3	Dibromomethane	6.96	6.96	ug/kg	U
126-99-8	Chloroprene	6.96	6.96	ug/kg	U
75-71-8	Dichlorodifluoromethane	6.96	6.96	ug/kg	U
60-29-7	Diethyl ether	6.96	6.96	ug/kg	U
108-20-3	Diisopropylether	6.96	6.96	ug/kg	U
64-17-5	Ethanol	290	290	ug/kg	U
637-92-3	Ethyl tert-butyl ether	6.96	6.96	ug/kg	U
100-41-4	Ethylbenzene	6.96	6.96	ug/kg	U
87-68-3	Hexachlorobutadiene	6.96	6.96	ug/kg	U
98-82-8	Isopropylbenzene	6.96	6.96	ug/kg	U
126-98-7	Methacrylonitrile	6.96	6.96	ug/kg	U
1634-04-4	Methyl t-butyl ether	6.96	6.96	ug/kg	U
96-33-3	Methyl methacrylate	6.96	6.96	ug/kg	U
75-09-2	Methylene chloride	6.96	6.96	ug/kg	U
91-20-3	Naphthalene	6.96	6.96	ug/kg	U
100-42-5	Styrene	6.96	6.96	ug/kg	U
75-65-0	Tertiary butyl alcohol	6.96	6.96	ug/kg	U
127-18-4	Tetrachloroethylene	6.96	6.96	ug/kg	U
108-88-3	Toluene	6.96	6.96	ug/kg	U
79-01-6	Trichloroethene	6.96	6.96	ug/kg	U
75-69-4	Trichlorofluoromethane	6.96	6.96	ug/kg	U
108-05-4	Vinyl Acetate	6.96	6.96	ug/kg	U
75-01-4	Vinylchloride	6.96	6.96	ug/kg	U
156-59-2	cis-1,2-Dichloroethene	6.96	6.96	ug/kg	U
10061-01-5	cis-1,3-Dichloro-1-propene	6.96	6.96	ug/kg	U
108-38-3	m+p-Xylene	6.96	6.96	ug/kg	U



United Chemists
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NYS Lab ID # 11866

06/19/2008

Volatile Compounds by EPA Method 8260B

Sample: 0806007-2

Client Sample ID: SB-04 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
104-51-8	n-Butylbenzene	6.96	6.96	ug/kg	U
103-65-1	n-Propylbenzene	6.96	6.96	ug/kg	U
95-47-6	o-Xylene	6.96	6.96	ug/kg	U
99-87-6	p-Isopropyltoluene	6.96	6.96	ug/kg	U
135-98-8	sec-Butylbenzene	6.96	6.96	ug/kg	U
98-06-6	tert-Butylbenzene	6.96	6.96	ug/kg	U
75-85-4	tert-amyl alcohol	6.96	6.96	ug/kg	U
994-05-8	tert-amyl methyl ether	6.96	6.96	ug/kg	U
156-60-5	trans-1,2-Dichloroethene	6.96	6.96	ug/kg	U



Volatile Compounds by EPA Method 8260B

Sample: 0806007-3

Client Sample ID: SB-05 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	6.96	6.96	ug/kg	U
71-55-6	1,1,1-Trichloroethane	6.96	6.96	ug/kg	U
79-34-5	1,1,2,2-Tetrachloroethane	6.96	6.96	ug/kg	U
79-00-5	1,1,2-Trichloroethane	6.96	6.96	ug/kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	6.96	6.96	ug/kg	U
75-34-3	1,1-Dichloroethane	6.96	6.96	ug/kg	U
75-35-4	1,1-Dichloroethene	6.96	6.96	ug/kg	U
563-58-6	1,1-Dichloropropene	6.96	6.96	ug/kg	U
87-61-6	1,2,3-Trichlorobenzene	6.96	6.96	ug/kg	U
96-18-4	1,2,3-Trichloropropane	6.96	6.96	ug/kg	U
120-82-1	1,2,4-Trichlorobenzene	6.96	6.96	ug/kg	U
95-63-6	1,2,4-Trimethylbenzene	6.96	6.96	ug/kg	U
106-93-4	1,2-Dibromoethane	6.96	6.96	ug/kg	U
95-50-1	1,2-Dichlorobenzene	6.96	6.96	ug/kg	U
107-06-2	1,2-Dichloroethane	6.96	6.96	ug/kg	U
78-87-5	1,2-Dichloropropane	6.96	6.96	ug/kg	U
108-67-8	1,3,5-Trimethylbenzene	6.96	6.96	ug/kg	U
541-73-1	1,3-Dichlorobenzene	6.96	6.96	ug/kg	U
142-28-9	1,3-Dichloropropane	6.96	6.96	ug/kg	U
106-46-7	1,4-Dichlorobenzene	6.96	6.96	ug/kg	U
78-93-3	2-Butanone	6.96	6.96	ug/kg	U
95-49-8	2-Chlorotoluene	6.96	6.96	ug/kg	U
75-27-4	Bromodichloromethane	6.96	6.96	ug/kg	U
106-43-4	4-Chlorotoluene	6.96	6.96	ug/kg	U
79-46-9	2-Nitropropane	6.96	6.96	ug/kg	U
108-10-1	4-Methyl-2-pentanone	6.96	6.96	ug/kg	U
67-64-1	Acetone	33.6	33.6	ug/kg	U
107-13-1	Acrylonitrile	6.96	6.96	ug/kg	U
107-05-1	Allyl chloride	6.96	6.96	ug/kg	U
71-43-2	Benzene	6.96	6.96	ug/kg	U
108-86-1	Bromobenzene	6.96	6.96	ug/kg	U
74-97-5	Bromochloromethane	6.96	6.96	ug/kg	U
75-25-2	Bromoform	6.96	6.96	ug/kg	U
74-83-9	Bromomethane	6.96	6.96	ug/kg	U



Volatile Compounds by EPA Method 8260B

Sample: 0806007-3

Client Sample ID: SB-05 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
75-15-0	Carbon disulfide	6.96	6.96	ug/kg	U
56-23-5	Carbon tetrachloride	6.96	6.96	ug/kg	U
108-90-7	Chlorobenzene	6.96	6.96	ug/kg	U
75-45-6	Chlorodifluoromethane	33.6	33.6	ug/kg	U
75-00-3	Chloroethane	6.96	6.96	ug/kg	U
67-66-3	Chloroform	6.96	6.96	ug/kg	U
74-87-3	Chloromethane	6.96	6.96	ug/kg	U
124-48-1	Dibromochloromethane	6.96	6.96	ug/kg	U
74-95-3	Dibromomethane	6.96	6.96	ug/kg	U
126-99-8	Chloroprene	6.96	6.96	ug/kg	U
75-71-8	Dichlorodifluoromethane	6.96	6.96	ug/kg	U
60-29-7	Diethyl ether	6.96	6.96	ug/kg	U
108-20-3	Diisopropylether	6.96	6.96	ug/kg	U
64-17-5	Ethanol	290	290	ug/kg	U
637-92-3	Ethyl tert-butyl ether	6.96	6.96	ug/kg	U
100-41-4	Ethylbenzene	6.96	6.96	ug/kg	U
87-68-3	Hexachlorobutadiene	6.96	6.96	ug/kg	U
98-82-8	Isopropylbenzene	6.96	6.96	ug/kg	U
126-98-7	Methacrylonitrile	6.96	6.96	ug/kg	U
1634-04-4	Methyl t-butyl ether	6.96	6.96	ug/kg	U
96-33-3	Methyl methacrylate	6.96	6.96	ug/kg	U
75-09-2	Methylene chloride	6.96	6.96	ug/kg	U
91-20-3	Naphthalene	6.96	6.96	ug/kg	U
100-42-5	Styrene	6.96	6.96	ug/kg	U
75-65-0	Tertiary butyl alcohol	6.96	6.96	ug/kg	U
127-18-4	Tetrachloroethylene	6.96	6.96	ug/kg	U
108-88-3	Toluene	6.96	6.96	ug/kg	U
79-01-6	Trichloroethene	6.96	6.96	ug/kg	U
75-69-4	Trichlorofluoromethane	6.96	6.96	ug/kg	U
108-05-4	Vinyl Acetate	6.96	6.96	ug/kg	U
75-01-4	Vinylchloride	6.96	6.96	ug/kg	U
156-59-2	cis-1,2-Dichloroethene	6.96	6.96	ug/kg	U
10061-01-5	cis-1,3-Dichloro-1-propene	6.96	6.96	ug/kg	U
108-38-3	m+p-Xylene	6.96	6.96	ug/kg	U



United Chemists
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NYS Lab ID # 11866

06/19/2008

Volatile Compounds by EPA Method 8260B

Sample: 0806007-3

Client Sample ID: SB-05 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
104-51-8	n-Butylbenzene	6.96	6.96	ug/kg	U
103-65-1	n-Propylbenzene	6.96	6.96	ug/kg	U
95-47-6	o-Xylene	6.96	6.96	ug/kg	U
99-87-6	p-Isopropyltoluene	6.96	6.96	ug/kg	U
135-98-8	sec-Butylbenzene	6.96	6.96	ug/kg	U
98-06-6	tert-Butylbenzene	6.96	6.96	ug/kg	U
75-85-4	tert-amyl alcohol	6.96	6.96	ug/kg	U
994-05-8	tert-amyl methyl ether	6.96	6.96	ug/kg	U
156-60-5	trans-1,2-Dichloroethene	6.96	6.96	ug/kg	U



Volatile Compounds by EPA Method 8260B

Sample: 0806007-4

Client Sample ID: SB-02 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	5.30	5.30	ug/kg	U
71-55-6	1,1,1-Trichloroethane	5.30	5.30	ug/kg	U
79-34-5	1,1,2,2-Tetrachloroethane	5.30	5.30	ug/kg	U
79-00-5	1,1,2-Trichloroethane	5.30	5.30	ug/kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	5.30	5.30	ug/kg	U
75-34-3	1,1-Dichloroethane	5.30	5.30	ug/kg	U
75-35-4	1,1-Dichloroethene	5.30	5.30	ug/kg	U
563-58-6	1,1-Dichloropropene	5.30	5.30	ug/kg	U
87-61-6	1,2,3-Trichlorobenzene	5.30	5.30	ug/kg	U
96-18-4	1,2,3-Trichloropropane	5.30	5.30	ug/kg	U
120-82-1	1,2,4-Trichlorobenzene	5.30	5.30	ug/kg	U
95-63-6	1,2,4-Trimethylbenzene	5.30	1.53	ug/kg	
106-93-4	1,2-Dibromoethane	5.30	5.30	ug/kg	U
95-50-1	1,2-Dichlorobenzene	5.30	5.30	ug/kg	U
107-06-2	1,2-Dichloroethane	5.30	5.30	ug/kg	U
78-87-5	1,2-Dichloropropane	5.30	5.30	ug/kg	U
108-67-8	1,3,5-Trimethylbenzene	5.30	2.76	ug/kg	
541-73-1	1,3-Dichlorobenzene	5.30	5.30	ug/kg	U
142-28-9	1,3-Dichloropropane	5.30	5.30	ug/kg	U
106-46-7	1,4-Dichlorobenzene	5.30	5.30	ug/kg	U
78-93-3	2-Butanone	5.30	5.30	ug/kg	U
95-49-8	2-Chlorotoluene	5.30	5.30	ug/kg	U
75-27-4	Bromodichloromethane	5.30	5.30	ug/kg	U
106-43-4	4-Chlorotoluene	5.30	5.30	ug/kg	U
79-46-9	2-Nitropropane	5.30	5.30	ug/kg	U
108-10-1	4-Methyl-2-pentanone	5.30	5.30	ug/kg	U
67-64-1	Acetone	26.5	26.5	ug/kg	U
107-13-1	Acrylonitrile	5.30	5.30	ug/kg	U
107-05-1	Allyl chloride	5.30	5.30	ug/kg	U
71-43-2	Benzene	5.30	5.30	ug/kg	U
108-86-1	Bromobenzene	5.30	5.30	ug/kg	U
74-97-5	Bromochloromethane	5.30	5.30	ug/kg	U
75-25-2	Bromoform	5.30	5.30	ug/kg	U
74-83-9	Bromomethane	5.30	5.30	ug/kg	U



Volatile Compounds by EPA Method 8260B

Sample: 0806007-4

Client Sample ID: SB-02 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
75-15-0	Carbon disulfide	5.30	5.30	ug/kg	U
56-23-5	Carbon tetrachloride	5.30	5.30	ug/kg	U
108-90-7	Chlorobenzene	5.30	5.30	ug/kg	U
75-45-6	Chlorodifluoromethane	26.5	26.5	ug/kg	U
75-00-3	Chloroethane	5.30	5.30	ug/kg	U
67-66-3	Chloroform	5.30	5.30	ug/kg	U
74-87-3	Chloromethane	5.30	5.30	ug/kg	U
124-48-1	Dibromochloromethane	5.30	5.30	ug/kg	U
74-95-3	Dibromomethane	5.30	5.30	ug/kg	U
126-99-8	Chloroprene	5.30	5.30	ug/kg	U
75-71-8	Dichlorodifluoromethane	5.30	5.30	ug/kg	U
60-29-7	Diethyl ether	5.30	5.30	ug/kg	U
108-20-3	Diisopropylether	5.30	5.30	ug/kg	U
64-17-5	Ethanol	265	265	ug/kg	U
637-92-3	Ethyl tert-butyl ether	5.30	5.30	ug/kg	U
100-41-4	Ethylbenzene	5.30	5.30	ug/kg	U
87-68-3	Hexachlorobutadiene	5.30	5.30	ug/kg	U
98-82-8	Isopropylbenzene	5.30	5.30	ug/kg	U
126-98-7	Methacrylonitrile	5.30	5.30	ug/kg	U
1634-04-4	Methyl t-butyl ether	5.30	5.30	ug/kg	U
96-33-3	Methyl methacrylate	5.30	5.30	ug/kg	U
75-09-2	Methylene chloride	5.30	5.30	ug/kg	U
91-20-3	Naphthalene	5.30	1.18	ug/kg	
100-42-5	Styrene	5.30	5.30	ug/kg	U
75-65-0	Tertiary butyl alcohol	5.30	5.30	ug/kg	U
127-18-4	Tetrachloroethylene	5.30	5.30	ug/kg	U
108-88-3	Toluene	5.30	0.47	ug/kg	
79-01-6	Trichloroethene	5.30	5.30	ug/kg	U
75-69-4	Trichlorofluoromethane	5.30	5.30	ug/kg	U
108-05-4	Vinyl Acetate	5.30	5.30	ug/kg	U
75-01-4	Vinylchloride	5.30	5.30	ug/kg	U
156-59-2	cis-1,2-Dichloroethene	5.30	5.30	ug/kg	U
10061-01-5	cis-1,3-Dichloro-1-propene	5.30	5.30	ug/kg	U
108-38-3	m+p-Xylene	5.30	5.30	ug/kg	U



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NYS Lab ID # 11866

06/19/2008

Volatile Compounds by EPA Method 8260B

Sample: 0806007-4

Client Sample ID: SB-02 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
104-51-8	n-Butylbenzene	5.30	5.30	ug/kg	U
103-65-1	n-Propylbenzene	5.30	0.38	ug/kg	
95-47-6	o-Xylene	5.30	5.30	ug/kg	U
99-87-6	p-Isopropyltoluene	5.30	5.30	ug/kg	U
135-98-8	sec-Butylbenzene	5.30	5.30	ug/kg	U
98-06-6	tert-Butylbenzene	5.30	5.30	ug/kg	U
75-85-4	tert-amyl alcohol	5.30	5.30	ug/kg	U
994-05-8	tert-amyl methyl ether	5.30	5.30	ug/kg	U
156-60-5	trans-1,2-Dichloroethene	5.30	5.30	ug/kg	U



Volatile Compounds by EPA Method 8260B

Sample: 0806007-5

Client Sample ID: SB-03 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	5.75	5.75	ug/kg	U
71-55-6	1,1,1-Trichloroethane	5.75	5.75	ug/kg	U
79-34-5	1,1,2,2-Tetrachloroethane	5.75	5.75	ug/kg	U
79-00-5	1,1,2-Trichloroethane	5.75	5.75	ug/kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	5.75	5.75	ug/kg	U
75-34-3	1,1-Dichloroethane	5.75	5.75	ug/kg	U
75-35-4	1,1-Dichloroethene	5.75	5.75	ug/kg	U
563-58-6	1,1-Dichloropropene	5.75	5.75	ug/kg	U
87-61-6	1,2,3-Trichlorobenzene	5.75	5.75	ug/kg	U
96-18-4	1,2,3-Trichloropropane	5.75	5.75	ug/kg	U
120-82-1	1,2,4-Trichlorobenzene	5.75	5.75	ug/kg	U
95-63-6	1,2,4-Trimethylbenzene	5.75	1.93	ug/kg	
106-93-4	1,2-Dibromoethane	5.75	5.75	ug/kg	U
95-50-1	1,2-Dichlorobenzene	5.75	5.75	ug/kg	U
107-06-2	1,2-Dichloroethane	5.75	5.75	ug/kg	U
78-87-5	1,2-Dichloropropane	5.75	5.75	ug/kg	U
108-67-8	1,3,5-Trimethylbenzene	5.75	3.47	ug/kg	
541-73-1	1,3-Dichlorobenzene	5.75	5.75	ug/kg	U
142-28-9	1,3-Dichloropropane	5.75	5.75	ug/kg	U
106-46-7	1,4-Dichlorobenzene	5.75	5.75	ug/kg	U
78-93-3	2-Butanone	5.75	5.75	ug/kg	U
95-49-8	2-Chlorotoluene	5.75	5.75	ug/kg	U
75-27-4	Bromodichloromethane	5.75	5.75	ug/kg	U
106-43-4	4-Chlorotoluene	5.75	5.75	ug/kg	U
79-46-9	2-Nitropropane	5.75	5.75	ug/kg	U
108-10-1	4-Methyl-2-pentanone	5.75	5.75	ug/kg	U
67-64-1	Acetone	28.8	28.8	ug/kg	U
107-13-1	Acrylonitrile	5.75	5.75	ug/kg	U
107-05-1	Allyl chloride	5.75	5.75	ug/kg	U
71-43-2	Benzene	5.75	5.75	ug/kg	U
108-86-1	Bromobenzene	5.75	5.75	ug/kg	U
74-97-5	Bromochloromethane	5.75	5.75	ug/kg	U
75-25-2	Bromoform	5.75	5.75	ug/kg	U
74-83-9	Bromomethane	5.75	5.75	ug/kg	U



Volatile Compounds by EPA Method 8260B

Sample: 0806007-5

Client Sample ID: SB-03 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
75-15-0	Carbon disulfide	5.75	5.75	ug/kg	U
56-23-5	Carbon tetrachloride	5.75	5.75	ug/kg	U
108-90-7	Chlorobenzene	5.75	5.75	ug/kg	U
75-45-6	Chlorodifluoromethane	28.8	28.8	ug/kg	U
75-00-3	Chloroethane	5.75	5.75	ug/kg	U
67-66-3	Chloroform	5.75	5.75	ug/kg	U
74-87-3	Chloromethane	5.75	5.75	ug/kg	U
124-48-1	Dibromochloromethane	5.75	5.75	ug/kg	U
74-95-3	Dibromomethane	5.75	5.75	ug/kg	U
126-99-8	Chloroprene	5.75	5.75	ug/kg	U
75-71-8	Dichlorodifluoromethane	5.75	5.75	ug/kg	U
60-29-7	Diethyl ether	5.75	5.75	ug/kg	U
108-20-3	Diisopropylether	5.75	5.75	ug/kg	U
64-17-5	Ethanol	288	288	ug/kg	U
637-92-3	Ethyl tert-butyl ether	5.75	5.75	ug/kg	U
100-41-4	Ethylbenzene	5.75	5.75	ug/kg	U
87-68-3	Hexachlorobutadiene	5.75	5.75	ug/kg	U
98-82-8	Isopropylbenzene	5.75	5.75	ug/kg	U
126-98-7	Methacrylonitrile	5.75	5.75	ug/kg	U
1634-04-4	Methyl t-butyl ether	5.75	5.75	ug/kg	U
96-33-3	Methyl methacrylate	5.75	5.75	ug/kg	U
75-09-2	Methylene chloride	5.75	5.75	ug/kg	U
91-20-3	Naphthalene	5.75	1.26	ug/kg	
100-42-5	Styrene	5.75	5.75	ug/kg	U
75-65-0	Tertiary butyl alcohol	5.75	5.75	ug/kg	U
127-18-4	Tetrachloroethylene	5.75	5.75	ug/kg	U
108-88-3	Toluene	5.75	0.52	ug/kg	
79-01-6	Trichloroethene	5.75	5.75	ug/kg	U
75-69-4	Trichlorofluoromethane	5.75	5.75	ug/kg	U
108-05-4	Vinyl Acetate	5.75	5.75	ug/kg	U
75-01-4	Vinylchloride	5.75	5.75	ug/kg	U
156-59-2	cis-1,2-Dichloroethene	5.75	5.75	ug/kg	U
10061-01-5	cis-1,3-Dichloro-1-propene	5.75	5.75	ug/kg	U
108-38-3	m+p-Xylene	5.75	5.75	ug/kg	U



United Chemists
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NYS Lab ID # 11866

06/19/2008

Volatile Compounds by EPA Method 8260B

Sample: 0806007-5

Client Sample ID: SB-03 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
104-51-8	n-Butylbenzene	5.75	5.75	ug/kg	U
103-65-1	n-Propylbenzene	5.75	0.47	ug/kg	
95-47-6	o-Xylene	5.75	5.75	ug/kg	U
99-87-6	p-Isopropyltoluene	5.75	5.75	ug/kg	U
135-98-8	sec-Butylbenzene	5.75	5.75	ug/kg	U
98-06-6	tert-Butylbenzene	5.75	5.75	ug/kg	U
75-85-4	tert-amyl alcohol	5.75	5.75	ug/kg	U
994-05-8	tert-amyl methyl ether	5.75	5.75	ug/kg	U
156-60-5	trans-1,2-Dichloroethene	5.75	5.75	ug/kg	U



Volatile Compounds by EPA Method 8260B

Sample: 0806007-6

Client Sample ID: SB-06 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	5.70	5.70	ug/kg	U
71-55-6	1,1,1-Trichloroethane	5.70	5.70	ug/kg	U
79-34-5	1,1,2,2-Tetrachloroethane	5.70	5.70	ug/kg	U
79-00-5	1,1,2-Trichloroethane	5.70	5.70	ug/kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	5.70	5.70	ug/kg	U
75-34-3	1,1-Dichloroethane	5.70	5.70	ug/kg	U
75-35-4	1,1-Dichloroethene	5.70	5.70	ug/kg	U
563-58-6	1,1-Dichloropropene	5.70	5.70	ug/kg	U
87-61-6	1,2,3-Trichlorobenzene	5.70	5.70	ug/kg	U
96-18-4	1,2,3-Trichloropropane	5.70	5.70	ug/kg	U
120-82-1	1,2,4-Trichlorobenzene	5.70	5.70	ug/kg	U
95-63-6	1,2,4-Trimethylbenzene	5.70	1.60	ug/kg	
106-93-4	1,2-Dibromoethane	5.70	5.70	ug/kg	U
95-50-1	1,2-Dichlorobenzene	5.70	5.70	ug/kg	U
107-06-2	1,2-Dichloroethane	5.70	5.70	ug/kg	U
78-87-5	1,2-Dichloropropane	5.70	5.70	ug/kg	U
108-67-8	1,3,5-Trimethylbenzene	5.70	2.82	ug/kg	
541-73-1	1,3-Dichlorobenzene	5.70	5.70	ug/kg	U
142-28-9	1,3-Dichloropropane	5.70	5.70	ug/kg	U
106-46-7	1,4-Dichlorobenzene	5.70	5.70	ug/kg	U
78-93-3	2-Butanone	5.70	5.70	ug/kg	U
95-49-8	2-Chlorotoluene	5.70	5.70	ug/kg	U
75-27-4	Bromodichloromethane	5.70	5.70	ug/kg	U
106-43-4	4-Chlorotoluene	5.70	5.70	ug/kg	U
79-46-9	2-Nitropropane	5.70	5.70	ug/kg	U
108-10-1	4-Methyl-2-pentanone	5.70	5.70	ug/kg	U
67-64-1	Acetone	28.5	28.5	ug/kg	U
107-13-1	Acrylonitrile	5.70	5.70	ug/kg	U
107-05-1	Allyl chloride	5.70	5.70	ug/kg	U
71-43-2	Benzene	5.70	5.70	ug/kg	U
108-86-1	Bromobenzene	5.70	5.70	ug/kg	U
74-97-5	Bromochloromethane	5.70	5.70	ug/kg	U
75-25-2	Bromoform	5.70	5.70	ug/kg	U
74-83-9	Bromomethane	5.70	5.70	ug/kg	U



Volatile Compounds by EPA Method 8260B

Sample: 0806007-6

Client Sample ID: SB-06 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
75-15-0	Carbon disulfide	5.70	5.70	ug/kg	U
56-23-5	Carbon tetrachloride	5.70	5.70	ug/kg	U
108-90-7	Chlorobenzene	5.70	5.70	ug/kg	U
75-45-6	Chlorodifluoromethane	28.5	28.5	ug/kg	U
75-00-3	Chloroethane	5.70	5.70	ug/kg	U
67-66-3	Chloroform	5.70	5.70	ug/kg	U
74-87-3	Chloromethane	5.70	5.70	ug/kg	U
124-48-1	Dibromochloromethane	5.70	5.70	ug/kg	U
74-95-3	Dibromomethane	5.70	5.70	ug/kg	U
126-99-8	Chloroprene	5.70	5.70	ug/kg	U
75-71-8	Dichlorodifluoromethane	5.70	5.70	ug/kg	U
60-29-7	Diethyl ether	5.70	5.70	ug/kg	U
108-20-3	Diisopropylether	5.70	5.70	ug/kg	U
64-17-5	Ethanol	285	285	ug/kg	U
637-92-3	Ethyl tert-butyl ether	5.70	5.70	ug/kg	U
100-41-4	Ethylbenzene	5.70	5.70	ug/kg	U
87-68-3	Hexachlorobutadiene	5.70	5.70	ug/kg	U
98-82-8	Isopropylbenzene	5.70	5.70	ug/kg	U
126-98-7	Methacrylonitrile	5.70	5.70	ug/kg	U
1634-04-4	Methyl t-butyl ether	5.70	5.70	ug/kg	U
96-33-3	Methyl methacrylate	5.70	5.70	ug/kg	U
75-09-2	Methylene chloride	5.70	5.70	ug/kg	U
91-20-3	Naphthalene	5.70	1.25	ug/kg	
100-42-5	Styrene	5.70	5.70	ug/kg	U
75-65-0	Tertiary butyl alcohol	5.70	5.70	ug/kg	U
127-18-4	Tetrachloroethylene	5.70	5.70	ug/kg	U
108-88-3	Toluene	5.70	5.70	ug/kg	U
79-01-6	Trichloroethene	5.70	5.70	ug/kg	U
75-69-4	Trichlorofluoromethane	5.70	5.70	ug/kg	U
108-05-4	Vinyl Acetate	5.70	5.70	ug/kg	U
75-01-4	Vinylchloride	5.70	5.70	ug/kg	U
156-59-2	cis-1,2-Dichloroethene	5.70	5.70	ug/kg	U
10061-01-5	cis-1,3-Dichloro-1-propene	5.70	5.70	ug/kg	U
108-38-3	m+p-Xylene	5.70	5.70	ug/kg	U



United Chemists
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Phone - (516) 662-5038

NYS Lab ID # 11866

06/19/2008

Volatile Compounds by EPA Method 8260B

Sample: 0806007-6

Client Sample ID: SB-06 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
104-51-8	n-Butylbenzene	5.70	5.70	ug/kg	U
103-65-1	n-Propylbenzene	5.70	0.39	ug/kg	
95-47-6	o-Xylene	5.70	5.70	ug/kg	U
99-87-6	p-Isopropyltoluene	5.70	5.70	ug/kg	U
135-98-8	sec-Butylbenzene	5.70	5.70	ug/kg	U
98-06-6	tert-Butylbenzene	5.70	5.70	ug/kg	U
75-85-4	tert-amyl alcohol	5.70	5.70	ug/kg	U
994-05-8	tert-amyl methyl ether	5.70	5.70	ug/kg	U
156-60-5	trans-1,2-Dichloroethene	5.70	5.70	ug/kg	U



Volatile Compounds by EPA Method 8260B

Sample: 0806007-7

Client Sample ID: SB-06 (38-40')

Collected: 06/09/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	5.15	5.15	ug/kg	U
71-55-6	1,1,1-Trichloroethane	5.15	5.15	ug/kg	U
79-34-5	1,1,2,2-Tetrachloroethane	5.15	5.15	ug/kg	U
79-00-5	1,1,2-Trichloroethane	5.15	5.15	ug/kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	5.15	5.15	ug/kg	U
75-34-3	1,1-Dichloroethane	5.15	5.15	ug/kg	U
75-35-4	1,1-Dichloroethene	5.15	5.15	ug/kg	U
563-58-6	1,1-Dichloropropene	5.15	5.15	ug/kg	U
87-61-6	1,2,3-Trichlorobenzene	5.15	5.15	ug/kg	U
96-18-4	1,2,3-Trichloropropane	5.15	5.15	ug/kg	U
120-82-1	1,2,4-Trichlorobenzene	5.15	5.15	ug/kg	U
95-63-6	1,2,4-Trimethylbenzene	5.15	1.96	ug/kg	
106-93-4	1,2-Dibromoethane	5.15	5.15	ug/kg	U
95-50-1	1,2-Dichlorobenzene	5.15	5.15	ug/kg	U
107-06-2	1,2-Dichloroethane	5.15	5.15	ug/kg	U
78-87-5	1,2-Dichloropropane	5.15	5.15	ug/kg	U
108-67-8	1,3,5-Trimethylbenzene	5.15	3.45	ug/kg	
541-73-1	1,3-Dichlorobenzene	5.15	5.15	ug/kg	U
142-28-9	1,3-Dichloropropane	5.15	5.15	ug/kg	U
106-46-7	1,4-Dichlorobenzene	5.15	5.15	ug/kg	U
78-93-3	2-Butanone	5.15	5.15	ug/kg	U
95-49-8	2-Chlorotoluene	5.15	5.15	ug/kg	U
75-27-4	Bromodichloromethane	5.15	5.15	ug/kg	U
106-43-4	4-Chlorotoluene	5.15	5.15	ug/kg	U
79-46-9	2-Nitropropane	5.15	5.15	ug/kg	U
108-10-1	4-Methyl-2-pentanone	5.15	5.15	ug/kg	U
67-64-1	Acetone	25.8	25.8	ug/kg	U
107-13-1	Acrylonitrile	5.15	5.15	ug/kg	U
107-05-1	Allyl chloride	5.15	5.15	ug/kg	U
71-43-2	Benzene	5.15	5.15	ug/kg	U
108-86-1	Bromobenzene	5.15	5.15	ug/kg	U
74-97-5	Bromochloromethane	5.15	5.15	ug/kg	U
75-25-2	Bromoform	5.15	5.15	ug/kg	U
74-83-9	Bromomethane	5.15	5.15	ug/kg	U



Volatile Compounds by EPA Method 8260B

Sample: 0806007-7

Client Sample ID: SB-06 (38-40')

Collected: 06/09/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
75-15-0	Carbon disulfide	5.15	5.15	ug/kg	U
56-23-5	Carbon tetrachloride	5.15	5.15	ug/kg	U
108-90-7	Chlorobenzene	5.15	5.15	ug/kg	U
75-45-6	Chlorodifluoromethane	25.8	25.8	ug/kg	U
75-00-3	Chloroethane	5.15	5.15	ug/kg	U
67-66-3	Chloroform	5.15	5.15	ug/kg	U
74-87-3	Chloromethane	5.15	5.15	ug/kg	U
124-48-1	Dibromochloromethane	5.15	5.15	ug/kg	U
74-95-3	Dibromomethane	5.15	5.15	ug/kg	U
126-99-8	Chloroprene	5.15	5.15	ug/kg	U
75-71-8	Dichlorodifluoromethane	5.15	5.15	ug/kg	U
60-29-7	Diethyl ether	5.15	5.15	ug/kg	U
108-20-3	Diisopropylether	5.15	5.15	ug/kg	U
64-17-5	Ethanol	258	258	ug/kg	U
637-92-3	Ethyl tert-butyl ether	5.15	5.15	ug/kg	U
100-41-4	Ethylbenzene	5.15	5.15	ug/kg	U
87-68-3	Hexachlorobutadiene	5.15	5.15	ug/kg	U
98-82-8	Isopropylbenzene	5.15	5.15	ug/kg	U
126-98-7	Methacrylonitrile	5.15	5.15	ug/kg	U
1634-04-4	Methyl t-butyl ether	5.15	5.15	ug/kg	U
96-33-3	Methyl methacrylate	5.15	5.15	ug/kg	U
75-09-2	Methylene chloride	5.15	5.15	ug/kg	U
91-20-3	Naphthalene	5.15	0.94	ug/kg	
100-42-5	Styrene	5.15	5.15	ug/kg	U
75-65-0	Tertiary butyl alcohol	5.15	5.15	ug/kg	U
127-18-4	Tetrachloroethylene	5.15	5.15	ug/kg	U
108-88-3	Toluene	5.15	5.15	ug/kg	U
79-01-6	Trichloroethene	5.15	5.15	ug/kg	U
75-69-4	Trichlorofluoromethane	5.15	5.15	ug/kg	U
108-05-4	Vinyl Acetate	5.15	5.15	ug/kg	U
75-01-4	Vinylchloride	5.15	5.15	ug/kg	U
156-59-2	cis-1,2-Dichloroethene	5.15	5.15	ug/kg	U
10061-01-5	cis-1,3-Dichloro-1-propene	5.15	5.15	ug/kg	U
108-38-3	m+p-Xylene	5.15	5.15	ug/kg	U



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NYS Lab ID # 11866

06/19/2008

Volatile Compounds by EPA Method 8260B

Sample: 0806007-7

Client Sample ID: SB-06 (38-40')

Collected: 06/09/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
104-51-8	n-Butylbenzene	5.15	5.15	ug/kg	U
103-65-1	n-Propylbenzene	5.15	0.48	ug/kg	
95-47-6	o-Xylene	5.15	5.15	ug/kg	U
99-87-6	p-Isopropyltoluene	5.15	5.15	ug/kg	U
135-98-8	sec-Butylbenzene	5.15	5.15	ug/kg	U
98-06-6	tert-Butylbenzene	5.15	5.15	ug/kg	U
75-85-4	tert-amyl alcohol	5.15	5.15	ug/kg	U
994-05-8	tert-amyl methyl ether	5.15	5.15	ug/kg	U
156-60-5	trans-1,2-Dichloroethene	5.15	5.15	ug/kg	U



Volatile Compounds by EPA Method 8260B

Sample: 0806007-8

Client Sample ID: GW-06

Collected: 06/09/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Liquid

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	1.00	1.00	ug/L	U
71-55-6	1,1,1-Trichloroethane	1.00	1.00	ug/L	U
79-34-5	1,1,2,2-Tetrachloroethane	1.00	1.00	ug/L	U
79-00-5	1,1,2-Trichloroethane	1.00	1.00	ug/L	U
76-13-1	1,1,2-Trichlorotrifluoroethane	1.00	1.00	ug/L	U
75-34-3	1,1-Dichloroethane	1.00	1.00	ug/L	U
75-35-4	1,1-Dichloroethene	1.00	1.00	ug/L	U
563-58-6	1,1-Dichloropropene	1.00	1.00	ug/L	U
87-61-6	1,2,3-Trichlorobenzene	1.00	1.00	ug/L	U
96-18-4	1,2,3-Trichloropropane	1.00	1.00	ug/L	U
120-82-1	1,2,4-Trichlorobenzene	1.00	1.00	ug/L	U
95-63-6	1,2,4-Trimethylbenzene	1.00	1.00	ug/L	U
106-93-4	1,2-Dibromoethane	1.00	1.00	ug/L	U
95-50-1	1,2-Dichlorobenzene	1.00	1.00	ug/L	U
107-06-2	1,2-Dichloroethane	1.00	1.00	ug/L	U
78-87-5	1,2-Dichloropropane	1.00	1.00	ug/L	U
108-67-8	1,3,5-Trimethylbenzene	1.00	1.00	ug/L	U
541-73-1	1,3-Dichlorobenzene	1.00	1.00	ug/L	U
142-28-9	1,3-Dichloropropane	1.00	1.00	ug/L	U
106-46-7	1,4-Dichlorobenzene	1.00	1.00	ug/L	U
78-93-3	2-Butanone	1.00	1.00	ug/L	U
95-49-8	2-Chlorotoluene	1.00	1.00	ug/L	U
75-27-4	Bromodichloromethane	1.00	1.00	ug/L	U
106-43-4	4-Chlorotoluene	1.00	1.00	ug/L	U
79-46-9	2-Nitropropane	1.00	1.00	ug/L	U
108-10-1	4-Methyl-2-pentanone	1.00	1.00	ug/L	U
67-64-1	Acetone	5.00	5.00	ug/L	U
107-13-1	Acrylonitrile	1.00	1.00	ug/L	U
107-05-1	Allyl chloride	1.00	1.00	ug/L	U
71-43-2	Benzene	1.00	1.00	ug/L	U
108-86-1	Bromobenzene	1.00	1.00	ug/L	U
74-97-5	Bromochloromethane	1.00	1.00	ug/L	U
75-25-2	Bromoform	1.00	1.00	ug/L	U
74-83-9	Bromomethane	1.00	1.00	ug/L	U



Volatile Compounds by EPA Method 8260B

Sample: 0806007-8

Client Sample ID: GW-06

Collected: 06/09/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Liquid

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
75-15-0	Carbon disulfide	1.00	1.00	ug/L	U
56-23-5	Carbon tetrachloride	1.00	1.00	ug/L	U
108-90-7	Chlorobenzene	1.00	1.00	ug/L	U
75-45-6	Chlorodifluoromethane	5.00	5.00	ug/L	U
75-00-3	Chloroethane	1.00	1.00	ug/L	U
67-66-3	Chloroform	1.00	1.00	ug/L	U
74-87-3	Chloromethane	1.00	1.00	ug/L	U
124-48-1	Dibromochloromethane	1.00	1.00	ug/L	U
74-95-3	Dibromomethane	1.00	1.00	ug/L	U
126-99-8	Chloroprene	1.00	1.00	ug/L	U
75-71-8	Dichlorodifluoromethane	1.00	1.00	ug/L	U
60-29-7	Diethyl ether	1.00	1.00	ug/L	U
108-20-3	Diisopropylether	1.00	1.00	ug/L	U
64-17-5	Ethanol	25.0	25.0	ug/L	U
637-92-3	Ethyl tert-butyl ether	1.00	1.00	ug/L	U
100-41-4	Ethylbenzene	1.00	1.00	ug/L	U
87-68-3	Hexachlorobutadiene	1.00	1.00	ug/L	U
98-82-8	Isopropylbenzene	1.00	1.00	ug/L	U
126-98-7	Methacrylonitrile	5.00	5.00	ug/L	U
1634-04-4	Methyl t-butyl ether	1.00	1.00	ug/L	U
96-33-3	Methyl methacrylate	1.00	1.00	ug/L	U
75-09-2	Methylene chloride	1.00	1.00	ug/L	U
91-20-3	Naphthalene	1.00	1.12	ug/L	
100-42-5	Styrene	1.00	1.00	ug/L	U
75-65-0	Tertiary butyl alcohol	1.00	1.00	ug/L	U
127-18-4	Tetrachloroethylene	1.00	3.51	ug/L	
108-88-3	Toluene	1.00	1.00	ug/L	U
79-01-6	Trichloroethene	1.00	1.00	ug/L	U
75-69-4	Trichlorofluoromethane	1.00	1.00	ug/L	U
108-05-4	Vinyl Acetate	1.00	1.00	ug/L	U
75-01-4	Vinylchloride	1.00	1.00	ug/L	U
156-59-2	cis-1,2-Dichloroethene	1.00	1.00	ug/L	U
10061-01-5	cis-1,3-Dichloro-1-propene	1.00	1.00	ug/L	U
108-38-3	m+p-Xylene	1.00	1.00	ug/L	U



United Chemists
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Phone - (516) 662-5038

NYS Lab ID # 11866

06/19/2008

Volatile Compounds by EPA Method 8260B

Sample: 0806007-8

Client Sample ID: GW-06

Collected: 06/09/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Liquid

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
104-51-8	n-Butylbenzene	1.00	1.00	ug/L	U
103-65-1	n-Propylbenzene	1.00	1.00	ug/L	U
95-47-6	o-Xylene	1.00	1.00	ug/L	U
99-87-6	p-Isopropyltoluene	1.00	1.00	ug/L	U
135-98-8	sec-Butylbenzene	1.00	1.00	ug/L	U
98-06-6	tert-Butylbenzene	1.00	1.00	ug/L	U
75-85-4	tert-amyl alcohol	1.00	1.00	ug/L	U
994-05-8	tert-amyl methyl ether	1.00	1.00	ug/L	U
156-60-5	trans-1,2-Dichloroethene	1.00	1.00	ug/L	U



Volatile Compounds by EPA Method 8260B

Sample: 0806007-9

Client Sample ID: SB-03 (38-40')

Collected: 06/09/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	5.20	5.20	ug/kg	U
71-55-6	1,1,1-Trichloroethane	5.20	5.20	ug/kg	U
79-34-5	1,1,2,2-Tetrachloroethane	5.20	5.20	ug/kg	U
79-00-5	1,1,2-Trichloroethane	5.20	5.20	ug/kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	5.20	5.20	ug/kg	U
75-34-3	1,1-Dichloroethane	5.20	5.20	ug/kg	U
75-35-4	1,1-Dichloroethene	5.20	5.20	ug/kg	U
563-58-6	1,1-Dichloropropene	5.20	5.20	ug/kg	U
87-61-6	1,2,3-Trichlorobenzene	5.20	5.20	ug/kg	U
96-18-4	1,2,3-Trichloropropane	5.20	5.20	ug/kg	U
120-82-1	1,2,4-Trichlorobenzene	5.20	5.20	ug/kg	U
95-63-6	1,2,4-Trimethylbenzene	5.20	1.88	ug/kg	
106-93-4	1,2-Dibromoethane	5.20	5.20	ug/kg	U
95-50-1	1,2-Dichlorobenzene	5.20	5.20	ug/kg	U
107-06-2	1,2-Dichloroethane	5.20	5.20	ug/kg	U
78-87-5	1,2-Dichloropropane	5.20	5.20	ug/kg	U
108-67-8	1,3,5-Trimethylbenzene	5.20	0.74	ug/kg	
541-73-1	1,3-Dichlorobenzene	5.20	5.20	ug/kg	U
142-28-9	1,3-Dichloropropane	5.20	5.20	ug/kg	U
106-46-7	1,4-Dichlorobenzene	5.20	5.20	ug/kg	U
78-93-3	2-Butanone	5.20	5.20	ug/kg	U
95-49-8	2-Chlorotoluene	5.20	5.20	ug/kg	U
75-27-4	Bromodichloromethane	5.20	5.20	ug/kg	U
106-43-4	4-Chlorotoluene	5.20	5.20	ug/kg	U
79-46-9	2-Nitropropane	5.20	5.20	ug/kg	U
108-10-1	4-Methyl-2-pentanone	5.20	5.20	ug/kg	U
67-64-1	Acetone	26.0	26.0	ug/kg	U
107-13-1	Acrylonitrile	5.20	5.20	ug/kg	U
107-05-1	Allyl chloride	5.20	5.20	ug/kg	U
71-43-2	Benzene	5.20	5.20	ug/kg	U
108-86-1	Bromobenzene	5.20	5.20	ug/kg	U
74-97-5	Bromochloromethane	5.20	5.20	ug/kg	U
75-25-2	Bromoform	5.20	5.20	ug/kg	U
74-83-9	Bromomethane	5.20	5.20	ug/kg	U



Volatile Compounds by EPA Method 8260B

Sample: 0806007-9

Client Sample ID: SB-03 (38-40')

Collected: 06/09/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
75-15-0	Carbon disulfide	5.20	5.20	ug/kg	U
56-23-5	Carbon tetrachloride	5.20	5.20	ug/kg	U
108-90-7	Chlorobenzene	5.20	5.20	ug/kg	U
75-45-6	Chlorodifluoromethane	26.0	26.0	ug/kg	U
75-00-3	Chloroethane	5.20	5.20	ug/kg	U
67-66-3	Chloroform	5.20	5.20	ug/kg	U
74-87-3	Chloromethane	5.20	5.20	ug/kg	U
124-48-1	Dibromochloromethane	5.20	5.20	ug/kg	U
74-95-3	Dibromomethane	5.20	5.20	ug/kg	U
126-99-8	Chloroprene	5.20	5.20	ug/kg	U
75-71-8	Dichlorodifluoromethane	5.20	5.20	ug/kg	U
60-29-7	Diethyl ether	5.20	5.20	ug/kg	U
108-20-3	Diisopropylether	5.20	5.20	ug/kg	U
64-17-5	Ethanol	260	260	ug/kg	U
637-92-3	Ethyl tert-butyl ether	5.20	5.20	ug/kg	U
100-41-4	Ethylbenzene	5.20	5.20	ug/kg	U
87-68-3	Hexachlorobutadiene	5.20	5.20	ug/kg	U
98-82-8	Isopropylbenzene	5.20	5.20	ug/kg	U
126-98-7	Methacrylonitrile	5.20	5.20	ug/kg	U
1634-04-4	Methyl t-butyl ether	5.20	5.20	ug/kg	U
96-33-3	Methyl methacrylate	5.20	5.20	ug/kg	U
75-09-2	Methylene chloride	5.20	5.20	ug/kg	U
91-20-3	Naphthalene	5.20	1.09	ug/kg	
100-42-5	Styrene	5.20	5.20	ug/kg	U
75-65-0	Tertiary butyl alcohol	5.20	5.20	ug/kg	U
127-18-4	Tetrachloroethylene	5.20	5.20	ug/kg	U
108-88-3	Toluene	5.20	5.20	ug/kg	U
79-01-6	Trichloroethene	5.20	5.20	ug/kg	U
75-69-4	Trichlorofluoromethane	5.20	5.20	ug/kg	U
108-05-4	Vinyl Acetate	5.20	5.20	ug/kg	U
75-01-4	Vinylchloride	5.20	5.20	ug/kg	U
156-59-2	cis-1,2-Dichloroethene	5.20	5.20	ug/kg	U
10061-01-5	cis-1,3-Dichloro-1-propene	5.20	5.20	ug/kg	U
108-38-3	m+p-Xylene	5.20	5.20	ug/kg	U



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NYS Lab ID # 11866

06/19/2008

Volatile Compounds by EPA Method 8260B

Sample: 0806007-9

Client Sample ID: SB-03 (38-40')

Collected: 06/09/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
104-51-8	n-Butylbenzene	5.20	5.20	ug/kg	U
103-65-1	n-Propylbenzene	5.20	0.46	ug/kg	
95-47-6	o-Xylene	5.20	5.20	ug/kg	U
99-87-6	p-Isopropyltoluene	5.20	5.20	ug/kg	U
135-98-8	sec-Butylbenzene	5.20	5.20	ug/kg	U
98-06-6	tert-Butylbenzene	5.20	5.20	ug/kg	U
75-85-4	tert-amyl alcohol	5.20	5.20	ug/kg	U
994-05-8	tert-amyl methyl ether	5.20	5.20	ug/kg	U
156-60-5	trans-1,2-Dichloroethene	5.20	5.20	ug/kg	U



Volatile Compounds by EPA Method 8260B

Sample: 0806007-10

Client Sample ID: SB-05 (38-40')

Collected: 06/09/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	5.25	5.25	ug/kg	U
71-55-6	1,1,1-Trichloroethane	5.25	5.25	ug/kg	U
79-34-5	1,1,2,2-Tetrachloroethane	5.25	5.25	ug/kg	U
79-00-5	1,1,2-Trichloroethane	5.25	5.25	ug/kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	5.25	5.25	ug/kg	U
75-34-3	1,1-Dichloroethane	5.25	5.25	ug/kg	U
75-35-4	1,1-Dichloroethene	5.25	5.25	ug/kg	U
563-58-6	1,1-Dichloropropene	5.25	5.25	ug/kg	U
87-61-6	1,2,3-Trichlorobenzene	5.25	5.25	ug/kg	U
96-18-4	1,2,3-Trichloropropane	5.25	5.25	ug/kg	U
120-82-1	1,2,4-Trichlorobenzene	5.25	5.25	ug/kg	U
95-63-6	1,2,4-Trimethylbenzene	5.25	1.86	ug/kg	
106-93-4	1,2-Dibromoethane	5.25	5.25	ug/kg	U
95-50-1	1,2-Dichlorobenzene	5.25	5.25	ug/kg	U
107-06-2	1,2-Dichloroethane	5.25	5.25	ug/kg	U
78-87-5	1,2-Dichloropropane	5.25	5.25	ug/kg	U
108-67-8	1,3,5-Trimethylbenzene	5.25	3.44	ug/kg	
541-73-1	1,3-Dichlorobenzene	5.25	5.25	ug/kg	U
142-28-9	1,3-Dichloropropane	5.25	5.25	ug/kg	U
106-46-7	1,4-Dichlorobenzene	5.25	5.25	ug/kg	U
78-93-3	2-Butanone	5.25	5.25	ug/kg	U
95-49-8	2-Chlorotoluene	5.25	5.25	ug/kg	U
75-27-4	Bromodichloromethane	5.25	5.25	ug/kg	U
106-43-4	4-Chlorotoluene	5.25	5.25	ug/kg	U
79-46-9	2-Nitropropane	5.25	5.25	ug/kg	U
108-10-1	4-Methyl-2-pentanone	5.25	5.25	ug/kg	U
67-64-1	Acetone	26.3	26.3	ug/kg	U
107-13-1	Acrylonitrile	5.25	5.25	ug/kg	U
107-05-1	Allyl chloride	5.25	5.25	ug/kg	U
71-43-2	Benzene	5.25	5.25	ug/kg	U
108-86-1	Bromobenzene	5.25	5.25	ug/kg	U
74-97-5	Bromochloromethane	5.25	5.25	ug/kg	U
75-25-2	Bromoform	5.25	5.25	ug/kg	U
74-83-9	Bromomethane	5.25	5.25	ug/kg	U



Volatile Compounds by EPA Method 8260B

Sample: 0806007-10

Client Sample ID: SB-05 (38-40')

Collected: 06/09/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
75-15-0	Carbon disulfide	5.25	5.25	ug/kg	U
56-23-5	Carbon tetrachloride	5.25	5.25	ug/kg	U
108-90-7	Chlorobenzene	5.25	5.25	ug/kg	U
75-45-6	Chlorodifluoromethane	26.3	26.3	ug/kg	U
75-00-3	Chloroethane	5.25	5.25	ug/kg	U
67-66-3	Chloroform	5.25	5.25	ug/kg	U
74-87-3	Chloromethane	5.25	5.25	ug/kg	U
124-48-1	Dibromochloromethane	5.25	5.25	ug/kg	U
74-95-3	Dibromomethane	5.25	5.25	ug/kg	U
126-99-8	Chloroprene	5.25	5.25	ug/kg	U
75-71-8	Dichlorodifluoromethane	5.25	5.25	ug/kg	U
60-29-7	Diethyl ether	5.25	5.25	ug/kg	U
108-20-3	Diisopropylether	5.25	5.25	ug/kg	U
64-17-5	Ethanol	262	262	ug/kg	U
637-92-3	Ethyl tert-butyl ether	5.25	5.25	ug/kg	U
100-41-4	Ethylbenzene	5.25	5.25	ug/kg	U
87-68-3	Hexachlorobutadiene	5.25	5.25	ug/kg	U
98-82-8	Isopropylbenzene	5.25	5.25	ug/kg	U
126-98-7	Methacrylonitrile	5.25	5.25	ug/kg	U
1634-04-4	Methyl t-butyl ether	5.25	5.25	ug/kg	U
96-33-3	Methyl methacrylate	5.25	5.25	ug/kg	U
75-09-2	Methylene chloride	5.25	5.25	ug/kg	U
91-20-3	Naphthalene	5.25	0.96	ug/kg	
100-42-5	Styrene	5.25	5.25	ug/kg	U
75-65-0	Tertiary butyl alcohol	5.25	5.25	ug/kg	U
127-18-4	Tetrachloroethylene	5.25	5.25	ug/kg	U
108-88-3	Toluene	5.25	5.25	ug/kg	U
79-01-6	Trichloroethene	5.25	5.25	ug/kg	U
75-69-4	Trichlorofluoromethane	5.25	5.25	ug/kg	U
108-05-4	Vinyl Acetate	5.25	5.25	ug/kg	U
75-01-4	Vinylchloride	5.25	5.25	ug/kg	U
156-59-2	cis-1,2-Dichloroethene	5.25	5.25	ug/kg	U
10061-01-5	cis-1,3-Dichloro-1-propene	5.25	5.25	ug/kg	U
108-38-3	m+p-Xylene	5.25	5.25	ug/kg	U



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NYS Lab ID # 11866

06/19/2008

Volatile Compounds by EPA Method 8260B

Sample: 0806007-10

Client Sample ID: SB-05 (38-40')

Collected: 06/09/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
104-51-8	n-Butylbenzene	5.25	5.25	ug/kg	U
103-65-1	n-Propylbenzene	5.25	0.42	ug/kg	
95-47-6	o-Xylene	5.25	5.25	ug/kg	U
99-87-6	p-Isopropyltoluene	5.25	5.25	ug/kg	U
135-98-8	sec-Butylbenzene	5.25	5.25	ug/kg	U
98-06-6	tert-Butylbenzene	5.25	5.25	ug/kg	U
75-85-4	tert-amyl alcohol	5.25	5.25	ug/kg	U
994-05-8	tert-amyl methyl ether	5.25	5.25	ug/kg	U
156-60-5	trans-1,2-Dichloroethene	5.25	5.25	ug/kg	U



Volatile Compounds by EPA Method 8260B

Sample: 0806007-11

Client Sample ID: SB-02 (39-41')

Collected: 06/10/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	5.20	5.20	ug/kg	U
71-55-6	1,1,1-Trichloroethane	5.20	5.20	ug/kg	U
79-34-5	1,1,2,2-Tetrachloroethane	5.20	5.20	ug/kg	U
79-00-5	1,1,2-Trichloroethane	5.20	5.20	ug/kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	5.20	5.20	ug/kg	U
75-34-3	1,1-Dichloroethane	5.20	5.20	ug/kg	U
75-35-4	1,1-Dichloroethene	5.20	5.20	ug/kg	U
563-58-6	1,1-Dichloropropene	5.20	5.20	ug/kg	U
87-61-6	1,2,3-Trichlorobenzene	5.20	5.20	ug/kg	U
96-18-4	1,2,3-Trichloropropane	5.20	5.20	ug/kg	U
120-82-1	1,2,4-Trichlorobenzene	5.20	5.20	ug/kg	U
95-63-6	1,2,4-Trimethylbenzene	5.20	1.79	ug/kg	
106-93-4	1,2-Dibromoethane	5.20	5.20	ug/kg	U
95-50-1	1,2-Dichlorobenzene	5.20	5.20	ug/kg	U
107-06-2	1,2-Dichloroethane	5.20	5.20	ug/kg	U
78-87-5	1,2-Dichloropropane	5.20	5.20	ug/kg	U
108-67-8	1,3,5-Trimethylbenzene	5.20	2.56	ug/kg	
541-73-1	1,3-Dichlorobenzene	5.20	5.20	ug/kg	U
142-28-9	1,3-Dichloropropane	5.20	5.20	ug/kg	U
106-46-7	1,4-Dichlorobenzene	5.20	5.20	ug/kg	U
78-93-3	2-Butanone	5.20	5.20	ug/kg	U
95-49-8	2-Chlorotoluene	5.20	5.20	ug/kg	U
75-27-4	Bromodichloromethane	5.20	5.20	ug/kg	U
106-43-4	4-Chlorotoluene	5.20	5.20	ug/kg	U
79-46-9	2-Nitropropane	5.20	5.20	ug/kg	U
108-10-1	4-Methyl-2-pentanone	5.20	5.20	ug/kg	U
67-64-1	Acetone	26.0	26.0	ug/kg	U
107-13-1	Acrylonitrile	5.20	5.20	ug/kg	U
107-05-1	Allyl chloride	5.20	5.20	ug/kg	U
71-43-2	Benzene	5.20	5.20	ug/kg	U
108-86-1	Bromobenzene	5.20	5.20	ug/kg	U
74-97-5	Bromochloromethane	5.20	5.20	ug/kg	U
75-25-2	Bromoform	5.20	5.20	ug/kg	U
74-83-9	Bromomethane	5.20	5.20	ug/kg	U



Volatile Compounds by EPA Method 8260B

Sample: 0806007-11

Client Sample ID: SB-02 (39-41')

Collected: 06/10/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
75-15-0	Carbon disulfide	5.20	5.20	ug/kg	U
56-23-5	Carbon tetrachloride	5.20	5.20	ug/kg	U
108-90-7	Chlorobenzene	5.20	5.20	ug/kg	U
75-45-6	Chlorodifluoromethane	26.0	26.0	ug/kg	U
75-00-3	Chloroethane	5.20	5.20	ug/kg	U
67-66-3	Chloroform	5.20	5.20	ug/kg	U
74-87-3	Chloromethane	5.20	5.20	ug/kg	U
124-48-1	Dibromochloromethane	5.20	5.20	ug/kg	U
74-95-3	Dibromomethane	5.20	5.20	ug/kg	U
126-99-8	Chloroprene	5.20	5.20	ug/kg	U
75-71-8	Dichlorodifluoromethane	5.20	5.20	ug/kg	U
60-29-7	Diethyl ether	5.20	5.20	ug/kg	U
108-20-3	Diisopropylether	5.20	5.20	ug/kg	U
64-17-5	Ethanol	260	260	ug/kg	U
637-92-3	Ethyl tert-butyl ether	5.20	5.20	ug/kg	U
100-41-4	Ethylbenzene	5.20	5.20	ug/kg	U
87-68-3	Hexachlorobutadiene	5.20	5.20	ug/kg	U
98-82-8	Isopropylbenzene	5.20	5.20	ug/kg	U
126-98-7	Methacrylonitrile	5.20	5.20	ug/kg	U
1634-04-4	Methyl t-butyl ether	5.20	5.20	ug/kg	U
96-33-3	Methyl methacrylate	5.20	5.20	ug/kg	U
75-09-2	Methylene chloride	5.20	5.20	ug/kg	U
91-20-3	Naphthalene	5.20	0.92	ug/kg	
100-42-5	Styrene	5.20	5.20	ug/kg	U
75-65-0	Tertiary butyl alcohol	5.20	5.20	ug/kg	U
127-18-4	Tetrachloroethylene	5.20	5.20	ug/kg	U
108-88-3	Toluene	5.20	5.20	ug/kg	U
79-01-6	Trichloroethene	5.20	5.20	ug/kg	U
75-69-4	Trichlorofluoromethane	5.20	5.20	ug/kg	U
108-05-4	Vinyl Acetate	5.20	5.20	ug/kg	U
75-01-4	Vinylchloride	5.20	5.20	ug/kg	U
156-59-2	cis-1,2-Dichloroethene	5.20	5.20	ug/kg	U
10061-01-5	cis-1,3-Dichloro-1-propene	5.20	5.20	ug/kg	U
108-38-3	m+p-Xylene	5.20	5.20	ug/kg	U



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NYS Lab ID # 11866

06/19/2008

Volatile Compounds by EPA Method 8260B

Sample: 0806007-11

Client Sample ID: SB-02 (39-41')

Collected: 06/10/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
104-51-8	n-Butylbenzene	5.20	5.20	ug/kg	U
103-65-1	n-Propylbenzene	5.20	0.43	ug/kg	
95-47-6	o-Xylene	5.20	5.20	ug/kg	U
99-87-6	p-Isopropyltoluene	5.20	5.20	ug/kg	U
135-98-8	sec-Butylbenzene	5.20	5.20	ug/kg	U
98-06-6	tert-Butylbenzene	5.20	5.20	ug/kg	U
75-85-4	tert-amyl alcohol	5.20	5.20	ug/kg	U
994-05-8	tert-amyl methyl ether	5.20	5.20	ug/kg	U
156-60-5	trans-1,2-Dichloroethene	5.20	5.20	ug/kg	U



Volatile Compounds by EPA Method 8260B

Sample: 0806007-12

Client Sample ID: SB-04 (38-40')

Collected: 06/10/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	5.20	5.20	ug/kg	U
71-55-6	1,1,1-Trichloroethane	5.20	5.20	ug/kg	U
79-34-5	1,1,2,2-Tetrachloroethane	5.20	5.20	ug/kg	U
79-00-5	1,1,2-Trichloroethane	5.20	5.20	ug/kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	5.20	5.20	ug/kg	U
75-34-3	1,1-Dichloroethane	5.20	5.20	ug/kg	U
75-35-4	1,1-Dichloroethene	5.20	5.20	ug/kg	U
563-58-6	1,1-Dichloropropene	5.20	5.20	ug/kg	U
87-61-6	1,2,3-Trichlorobenzene	5.20	5.20	ug/kg	U
96-18-4	1,2,3-Trichloropropane	5.20	5.20	ug/kg	U
120-82-1	1,2,4-Trichlorobenzene	5.20	5.20	ug/kg	U
95-63-6	1,2,4-Trimethylbenzene	5.20	1.58	ug/kg	
106-93-4	1,2-Dibromoethane	5.20	5.20	ug/kg	U
95-50-1	1,2-Dichlorobenzene	5.20	5.20	ug/kg	U
107-06-2	1,2-Dichloroethane	5.20	5.20	ug/kg	U
78-87-5	1,2-Dichloropropane	5.20	5.20	ug/kg	U
108-67-8	1,3,5-Trimethylbenzene	5.20	3.15	ug/kg	
541-73-1	1,3-Dichlorobenzene	5.20	5.20	ug/kg	U
142-28-9	1,3-Dichloropropane	5.20	5.20	ug/kg	U
106-46-7	1,4-Dichlorobenzene	5.20	5.20	ug/kg	U
78-93-3	2-Butanone	5.20	5.20	ug/kg	U
95-49-8	2-Chlorotoluene	5.20	5.20	ug/kg	U
75-27-4	Bromodichloromethane	5.20	5.20	ug/kg	U
106-43-4	4-Chlorotoluene	5.20	5.20	ug/kg	U
79-46-9	2-Nitropropane	5.20	5.20	ug/kg	U
108-10-1	4-Methyl-2-pentanone	5.20	5.20	ug/kg	U
67-64-1	Acetone	26.0	26.0	ug/kg	U
107-13-1	Acrylonitrile	5.20	5.20	ug/kg	U
107-05-1	Allyl chloride	5.20	5.20	ug/kg	U
71-43-2	Benzene	5.20	5.20	ug/kg	U
108-86-1	Bromobenzene	5.20	5.20	ug/kg	U
74-97-5	Bromochloromethane	5.20	5.20	ug/kg	U
75-25-2	Bromoform	5.20	5.20	ug/kg	U
74-83-9	Bromomethane	5.20	5.20	ug/kg	U



Volatile Compounds by EPA Method 8260B

Sample: 0806007-12

Client Sample ID: SB-04 (38-40')

Collected: 06/10/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
75-15-0	Carbon disulfide	5.20	5.20	ug/kg	U
56-23-5	Carbon tetrachloride	5.20	5.20	ug/kg	U
108-90-7	Chlorobenzene	5.20	5.20	ug/kg	U
75-45-6	Chlorodifluoromethane	26.0	26.0	ug/kg	U
75-00-3	Chloroethane	5.20	5.20	ug/kg	U
67-66-3	Chloroform	5.20	5.20	ug/kg	U
74-87-3	Chloromethane	5.20	5.20	ug/kg	U
124-48-1	Dibromochloromethane	5.20	5.20	ug/kg	U
74-95-3	Dibromomethane	5.20	5.20	ug/kg	U
126-99-8	Chloroprene	5.20	5.20	ug/kg	U
75-71-8	Dichlorodifluoromethane	5.20	5.20	ug/kg	U
60-29-7	Diethyl ether	5.20	5.20	ug/kg	U
108-20-3	Diisopropylether	5.20	5.20	ug/kg	U
64-17-5	Ethanol	260	260	ug/kg	U
637-92-3	Ethyl tert-butyl ether	5.20	5.20	ug/kg	U
100-41-4	Ethylbenzene	5.20	5.20	ug/kg	U
87-68-3	Hexachlorobutadiene	5.20	5.20	ug/kg	U
98-82-8	Isopropylbenzene	5.20	5.20	ug/kg	U
126-98-7	Methacrylonitrile	5.20	5.20	ug/kg	U
1634-04-4	Methyl t-butyl ether	5.20	5.20	ug/kg	U
96-33-3	Methyl methacrylate	5.20	5.20	ug/kg	U
75-09-2	Methylene chloride	5.20	5.20	ug/kg	U
91-20-3	Naphthalene	5.20	0.89	ug/kg	
100-42-5	Styrene	5.20	5.20	ug/kg	U
75-65-0	Tertiary butyl alcohol	5.20	5.20	ug/kg	U
127-18-4	Tetrachloroethylene	5.20	5.20	ug/kg	U
108-88-3	Toluene	5.20	0.43	ug/kg	
79-01-6	Trichloroethene	5.20	5.20	ug/kg	U
75-69-4	Trichlorofluoromethane	5.20	5.20	ug/kg	U
108-05-4	Vinyl Acetate	5.20	5.20	ug/kg	U
75-01-4	Vinylchloride	5.20	5.20	ug/kg	U
156-59-2	cis-1,2-Dichloroethene	5.20	5.20	ug/kg	U
10061-01-5	cis-1,3-Dichloro-1-propene	5.20	5.20	ug/kg	U
108-38-3	m+p-Xylene	5.20	5.20	ug/kg	U



United Chemists
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Phone - (516) 662-5038

NYS Lab ID # 11866

06/19/2008

Volatile Compounds by EPA Method 8260B

Sample: 0806007-12

Client Sample ID: SB-04 (38-40')

Collected: 06/10/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
104-51-8	n-Butylbenzene	5.20	5.20	ug/kg	U
103-65-1	n-Propylbenzene	5.20	0.44	ug/kg	
95-47-6	o-Xylene	5.20	5.20	ug/kg	U
99-87-6	p-Isopropyltoluene	5.20	5.20	ug/kg	U
135-98-8	sec-Butylbenzene	5.20	5.20	ug/kg	U
98-06-6	tert-Butylbenzene	5.20	5.20	ug/kg	U
75-85-4	tert-amyl alcohol	5.20	5.20	ug/kg	U
994-05-8	tert-amyl methyl ether	5.20	5.20	ug/kg	U
156-60-5	trans-1,2-Dichloroethene	5.20	5.20	ug/kg	U



Volatile Compounds by EPA Method 8260B

Sample: 0806007-13

Client Sample ID: SB-01 (38-40')

Collected: 06/10/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	5.20	5.20	ug/kg	U
71-55-6	1,1,1-Trichloroethane	5.20	5.20	ug/kg	U
79-34-5	1,1,2,2-Tetrachloroethane	5.20	5.20	ug/kg	U
79-00-5	1,1,2-Trichloroethane	5.20	5.20	ug/kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	5.20	5.20	ug/kg	U
75-34-3	1,1-Dichloroethane	5.20	5.20	ug/kg	U
75-35-4	1,1-Dichloroethene	5.20	5.20	ug/kg	U
563-58-6	1,1-Dichloropropene	5.20	5.20	ug/kg	U
87-61-6	1,2,3-Trichlorobenzene	5.20	5.20	ug/kg	U
96-18-4	1,2,3-Trichloropropane	5.20	5.20	ug/kg	U
120-82-1	1,2,4-Trichlorobenzene	5.20	5.20	ug/kg	U
95-63-6	1,2,4-Trimethylbenzene	5.20	1.82	ug/kg	
106-93-4	1,2-Dibromoethane	5.20	5.20	ug/kg	U
95-50-1	1,2-Dichlorobenzene	5.20	5.20	ug/kg	U
107-06-2	1,2-Dichloroethane	5.20	5.20	ug/kg	U
78-87-5	1,2-Dichloropropane	5.20	5.20	ug/kg	U
108-67-8	1,3,5-Trimethylbenzene	5.20	3.32	ug/kg	
541-73-1	1,3-Dichlorobenzene	5.20	5.20	ug/kg	U
142-28-9	1,3-Dichloropropane	5.20	5.20	ug/kg	U
106-46-7	1,4-Dichlorobenzene	5.20	5.20	ug/kg	U
78-93-3	2-Butanone	5.20	5.20	ug/kg	U
95-49-8	2-Chlorotoluene	5.20	5.20	ug/kg	U
75-27-4	Bromodichloromethane	5.20	5.20	ug/kg	U
106-43-4	4-Chlorotoluene	5.20	5.20	ug/kg	U
79-46-9	2-Nitropropane	5.20	5.20	ug/kg	U
108-10-1	4-Methyl-2-pentanone	5.20	5.20	ug/kg	U
67-64-1	Acetone	26.0	26.0	ug/kg	U
107-13-1	Acrylonitrile	5.20	5.20	ug/kg	U
107-05-1	Allyl chloride	5.20	5.20	ug/kg	U
71-43-2	Benzene	5.20	5.20	ug/kg	U
108-86-1	Bromobenzene	5.20	5.20	ug/kg	U
74-97-5	Bromochloromethane	5.20	5.20	ug/kg	U
75-25-2	Bromoform	5.20	5.20	ug/kg	U
74-83-9	Bromomethane	5.20	5.20	ug/kg	U



Volatile Compounds by EPA Method 8260B

Sample: 0806007-13

Client Sample ID: SB-01 (38-40')

Collected: 06/10/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
75-15-0	Carbon disulfide	5.20	5.20	ug/kg	U
56-23-5	Carbon tetrachloride	5.20	5.20	ug/kg	U
108-90-7	Chlorobenzene	5.20	5.20	ug/kg	U
75-45-6	Chlorodifluoromethane	26.0	26.0	ug/kg	U
75-00-3	Chloroethane	5.20	5.20	ug/kg	U
67-66-3	Chloroform	5.20	5.20	ug/kg	U
74-87-3	Chloromethane	5.20	5.20	ug/kg	U
124-48-1	Dibromochloromethane	5.20	5.20	ug/kg	U
74-95-3	Dibromomethane	5.20	5.20	ug/kg	U
126-99-8	Chloroprene	5.20	5.20	ug/kg	U
75-71-8	Dichlorodifluoromethane	5.20	5.20	ug/kg	U
60-29-7	Diethyl ether	5.20	5.20	ug/kg	U
108-20-3	Diisopropylether	5.20	5.20	ug/kg	U
64-17-5	Ethanol	260	260	ug/kg	U
637-92-3	Ethyl tert-butyl ether	5.20	5.20	ug/kg	U
100-41-4	Ethylbenzene	5.20	5.20	ug/kg	U
87-68-3	Hexachlorobutadiene	5.20	5.20	ug/kg	U
98-82-8	Isopropylbenzene	5.20	5.20	ug/kg	U
126-98-7	Methacrylonitrile	5.20	5.20	ug/kg	U
1634-04-4	Methyl t-butyl ether	5.20	5.20	ug/kg	U
96-33-3	Methyl methacrylate	5.20	5.20	ug/kg	U
75-09-2	Methylene chloride	5.20	5.20	ug/kg	U
91-20-3	Naphthalene	5.20	5.20	ug/kg	U
100-42-5	Styrene	5.20	5.20	ug/kg	U
75-65-0	Tertiary butyl alcohol	5.20	5.20	ug/kg	U
127-18-4	Tetrachloroethylene	5.20	5.20	ug/kg	U
108-88-3	Toluene	5.20	5.20	ug/kg	U
79-01-6	Trichloroethene	5.20	5.20	ug/kg	U
75-69-4	Trichlorofluoromethane	5.20	5.20	ug/kg	U
108-05-4	Vinyl Acetate	5.20	5.20	ug/kg	U
75-01-4	Vinylchloride	5.20	5.20	ug/kg	U
156-59-2	cis-1,2-Dichloroethene	5.20	5.20	ug/kg	U
10061-01-5	cis-1,3-Dichloro-1-propene	5.20	5.20	ug/kg	U
108-38-3	m+p-Xylene	5.20	5.20	ug/kg	U



United Chemists
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NYS Lab ID # 11866

06/19/2008

Volatile Compounds by EPA Method 8260B

Sample: 0806007-13

Client Sample ID: SB-01 (38-40')

Collected: 06/10/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
104-51-8	n-Butylbenzene	5.20	5.20	ug/kg	U
103-65-1	n-Propylbenzene	5.20	0.40	ug/kg	
95-47-6	o-Xylene	5.20	5.20	ug/kg	U
99-87-6	p-Isopropyltoluene	5.20	5.20	ug/kg	U
135-98-8	sec-Butylbenzene	5.20	5.20	ug/kg	U
98-06-6	tert-Butylbenzene	5.20	5.20	ug/kg	U
75-85-4	tert-amyl alcohol	5.20	5.20	ug/kg	U
994-05-8	tert-amyl methyl ether	5.20	5.20	ug/kg	U
156-60-5	trans-1,2-Dichloroethene	5.20	5.20	ug/kg	U



Volatile Compounds by EPA Method 8260B

Sample: 0806007-14

Client Sample ID: GW-01

Collected: 06/10/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Liquid

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	1.00	1.00	ug/L	U
71-55-6	1,1,1-Trichloroethane	1.00	1.00	ug/L	U
79-34-5	1,1,2,2-Tetrachloroethane	1.00	1.00	ug/L	U
79-00-5	1,1,2-Trichloroethane	1.00	1.00	ug/L	U
76-13-1	1,1,2-Trichlorotrifluoroethane	1.00	1.00	ug/L	U
75-34-3	1,1-Dichloroethane	1.00	1.00	ug/L	U
75-35-4	1,1-Dichloroethene	1.00	1.00	ug/L	U
563-58-6	1,1-Dichloropropene	1.00	1.00	ug/L	U
87-61-6	1,2,3-Trichlorobenzene	1.00	1.00	ug/L	U
96-18-4	1,2,3-Trichloropropane	1.00	1.00	ug/L	U
120-82-1	1,2,4-Trichlorobenzene	1.00	1.00	ug/L	U
95-63-6	1,2,4-Trimethylbenzene	1.00	1.00	ug/L	U
106-93-4	1,2-Dibromoethane	1.00	1.00	ug/L	U
95-50-1	1,2-Dichlorobenzene	1.00	1.00	ug/L	U
107-06-2	1,2-Dichloroethane	1.00	1.00	ug/L	U
78-87-5	1,2-Dichloropropane	1.00	1.00	ug/L	U
108-67-8	1,3,5-Trimethylbenzene	1.00	1.00	ug/L	U
541-73-1	1,3-Dichlorobenzene	1.00	1.00	ug/L	U
142-28-9	1,3-Dichloropropane	1.00	1.00	ug/L	U
106-46-7	1,4-Dichlorobenzene	1.00	1.00	ug/L	U
78-93-3	2-Butanone	1.00	1.00	ug/L	U
95-49-8	2-Chlorotoluene	1.00	1.00	ug/L	U
75-27-4	Bromodichloromethane	1.00	1.00	ug/L	U
106-43-4	4-Chlorotoluene	1.00	1.00	ug/L	U
79-46-9	2-Nitropropane	1.00	1.00	ug/L	U
108-10-1	4-Methyl-2-pentanone	1.00	1.00	ug/L	U
67-64-1	Acetone	5.00	5.00	ug/L	U
107-13-1	Acrylonitrile	1.00	1.00	ug/L	U
107-05-1	Allyl chloride	1.00	1.00	ug/L	U
71-43-2	Benzene	1.00	1.00	ug/L	U
108-86-1	Bromobenzene	1.00	1.00	ug/L	U
74-97-5	Bromochloromethane	1.00	1.00	ug/L	U
75-25-2	Bromoform	1.00	1.00	ug/L	U
74-83-9	Bromomethane	1.00	1.00	ug/L	U



Volatile Compounds by EPA Method 8260B

Sample: 0806007-14

Client Sample ID: GW-01

Collected: 06/10/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Liquid

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
75-15-0	Carbon disulfide	1.00	1.00	ug/L	U
56-23-5	Carbon tetrachloride	1.00	1.00	ug/L	U
108-90-7	Chlorobenzene	1.00	1.00	ug/L	U
75-45-6	Chlorodifluoromethane	5.00	5.00	ug/L	U
75-00-3	Chloroethane	1.00	1.00	ug/L	U
67-66-3	Chloroform	1.00	1.00	ug/L	U
74-87-3	Chloromethane	1.00	1.00	ug/L	U
124-48-1	Dibromochloromethane	1.00	1.00	ug/L	U
74-95-3	Dibromomethane	1.00	1.00	ug/L	U
126-99-8	Chloroprene	1.00	1.00	ug/L	U
75-71-8	Dichlorodifluoromethane	1.00	1.00	ug/L	U
60-29-7	Diethyl ether	1.00	1.00	ug/L	U
108-20-3	Diisopropylether	1.00	1.00	ug/L	U
64-17-5	Ethanol	25.0	25.0	ug/L	U
637-92-3	Ethyl tert-butyl ether	1.00	1.00	ug/L	U
100-41-4	Ethylbenzene	1.00	1.00	ug/L	U
87-68-3	Hexachlorobutadiene	1.00	1.00	ug/L	U
98-82-8	Isopropylbenzene	1.00	1.00	ug/L	U
126-98-7	Methacrylonitrile	5.00	5.00	ug/L	U
1634-04-4	Methyl t-butyl ether	1.00	1.00	ug/L	U
96-33-3	Methyl methacrylate	1.00	1.00	ug/L	U
75-09-2	Methylene chloride	1.00	1.00	ug/L	U
91-20-3	Naphthalene	1.00	1.00	ug/L	U
100-42-5	Styrene	1.00	1.00	ug/L	U
75-65-0	Tertiary butyl alcohol	1.00	1.00	ug/L	U
127-18-4	Tetrachloroethylene	1.00	1.19	ug/L	
108-88-3	Toluene	1.00	1.00	ug/L	U
79-01-6	Trichloroethene	1.00	1.00	ug/L	U
75-69-4	Trichlorofluoromethane	1.00	1.00	ug/L	U
108-05-4	Vinyl Acetate	1.00	1.00	ug/L	U
75-01-4	Vinylchloride	1.00	1.00	ug/L	U
156-59-2	cis-1,2-Dichloroethene	1.00	1.00	ug/L	U
10061-01-5	cis-1,3-Dichloro-1-propene	1.00	1.00	ug/L	U
108-38-3	m+p-Xylene	1.00	1.00	ug/L	U



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NYS Lab ID # 11866

06/19/2008

Volatile Compounds by EPA Method 8260B

Sample: 0806007-14

Client Sample ID: GW-01

Collected: 06/10/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Liquid

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
104-51-8	n-Butylbenzene	1.00	1.00	ug/L	U
103-65-1	n-Propylbenzene	1.00	1.00	ug/L	U
95-47-6	o-Xylene	1.00	1.00	ug/L	U
99-87-6	p-Isopropyltoluene	1.00	1.00	ug/L	U
135-98-8	sec-Butylbenzene	1.00	1.00	ug/L	U
98-06-6	tert-Butylbenzene	1.00	1.00	ug/L	U
75-85-4	tert-amyl alcohol	1.00	1.00	ug/L	U
994-05-8	tert-amyl methyl ether	1.00	1.00	ug/L	U
156-60-5	trans-1,2-Dichloroethene	1.00	1.00	ug/L	U



Semivolatile Compounds - EPA 8270C

Sample: 0806007-1

Client Sample ID: SB-01 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
120-82-1	1,2,4-Trichlorobenzene	193	193	ug/kg	U
95-50-1	1,2-Dichlorobenzene	193	193	ug/kg	U
541-73-1	1,3-Dichlorobenzene	193	193	ug/kg	U
106-46-7	1,4-Dichlorobenzene	193	193	ug/kg	U
95-95-4	2,4,5-Trichlorophenol	193	193	ug/kg	U
88-06-2	2,4,6-Trichlorophenol	193	193	ug/kg	U
120-83-2	2,4-Dichlorophenol	193	193	ug/kg	U
105-67-9	2,4-Dimethylphenol	193	193	ug/kg	U
51-28-5	2,4-Dinitrophenol	193	193	ug/kg	U
121-14-2	2,4-Dinitrotoluene	193	193	ug/kg	U
606-20-2	2,6-Dinitrotoluene	193	193	ug/kg	U
91-58-7	2-Chloronaphthalene	193	193	ug/kg	U
95-57-8	2-Chlorophenol	193	193	ug/kg	U
91-57-6	2-Methylnaphthalene	193	193	ug/kg	U
95-48-7	2-Methylphenol	193	193	ug/kg	U
88-74-4	2-Nitroaniline	193	193	ug/kg	U
88-75-5	2-Nitrophenol	193	193	ug/kg	U
106-44-5	3+4-Methylphenol	193	193	ug/kg	U
91-94-1	3,3'-Dichlorobenzidine	193	193	ug/kg	U
99-09-2	3-Nitroaniline	193	193	ug/kg	U
534-52-1	4,6-Dinitro-2-methylphenol	193	193	ug/kg	U
101-55-3	4-Bromophenyl phenyl ether	193	193	ug/kg	U
59-50-7	4-Chloro-3-methylphenol	193	193	ug/kg	U
106-47-8	4-Chloroaniline	193	193	ug/kg	U
7005-72-3	4-Chlorophenyl phenyl ether	193	193	ug/kg	U
100-01-6	4-Nitroaniline	193	193	ug/kg	U
100-02-7	4-Nitrophenol	193	193	ug/kg	U
83-32-9	Acenaphthene	193	193	ug/kg	U
208-96-8	Acenaphthylene	193	193	ug/kg	U
120-12-7	Anthracene	193	193	ug/kg	U
56-55-3	Benzo(a)anthracene	193	193	ug/kg	U
50-32-8	Benzo(a)pyrene	193	193	ug/kg	U
205-99-2	Benzo(b)fluoranthene	193	193	ug/kg	U
191-24-2	Benzo(g,h,i)perylene	193	193	ug/kg	U



United Chemists
59-8 Central Avenue, Farmingdale, NY 11735
Phone - (516) 662-5038

NYS Lab ID # 11866

06/19/2008

Semivolatile Compounds - EPA 8270C

Sample: 0806007-1

Client Sample ID: SB-01 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
207-08-9	Benzo(k)fluoranthene	193	193	ug/kg	U
85-68-7	Butyl benzyl phthalate	193	193	ug/kg	U
218-01-9	Chrysene	193	193	ug/kg	U
84-74-2	Di-n-butyl phthalate	1170	1170	ug/kg	U
117-84-0	Di-n-octyl phthalate	193	193	ug/kg	U
53-70-3	Dibenz(a,h)anthracene	193	193	ug/kg	U
132-64-9	Dibenzofuran	193	193	ug/kg	U
84-66-2	Diethyl phthalate	193	193	ug/kg	U
131-11-3	Dimethyl phthalate	193	193	ug/kg	U
206-44-0	Fluoranthene	193	193	ug/kg	U
86-73-7	Fluorene	193	193	ug/kg	U
118-74-1	Hexachlorobenzene	193	193	ug/kg	U
87-68-3	Hexachlorobutadiene	193	193	ug/kg	U
77-47-4	Hexachlorocyclopentadiene	233	233	ug/kg	U
67-72-1	Hexachloroethane	193	193	ug/kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	193	193	ug/kg	U
78-59-1	Isophorone	193	193	ug/kg	U
621-64-7	N-Nitrosodi-n-propylamine	193	193	ug/kg	U
86-30-6	N-Nitrosodiphenylamine	193	193	ug/kg	U
91-20-3	Naphthalene	193	193	ug/kg	U
98-95-3	Nitrobenzene	193	193	ug/kg	U
87-86-5	Pentachlorophenol	193	193	ug/kg	U
85-01-8	Phenanthrene	193	193	ug/kg	U
108-95-2	Phenol	193	193	ug/kg	U
129-00-0	Pyrene	193	193	ug/kg	U
111-91-1	bis(2-Chloroethoxy)methane	193	193	ug/kg	U
111-44-4	bis(2-Chloroethyl)ether	193	193	ug/kg	U
108-60-1	bis(2-Chloroisopropyl)ether	193	193	ug/kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	1170	1170	ug/kg	U



Semivolatile Compounds - EPA 8270C

Sample: 0806007-2

Client Sample ID: SB-04 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
120-82-1	1,2,4-Trichlorobenzene	193	193	ug/kg	U
95-50-1	1,2-Dichlorobenzene	193	193	ug/kg	U
541-73-1	1,3-Dichlorobenzene	193	193	ug/kg	U
106-46-7	1,4-Dichlorobenzene	224	224	ug/kg	U
95-95-4	2,4,5-Trichlorophenol	193	193	ug/kg	U
88-06-2	2,4,6-Trichlorophenol	193	193	ug/kg	U
120-83-2	2,4-Dichlorophenol	193	193	ug/kg	U
105-67-9	2,4-Dimethylphenol	224	224	ug/kg	U
51-28-5	2,4-Dinitrophenol	193	193	ug/kg	U
121-14-2	2,4-Dinitrotoluene	193	193	ug/kg	U
606-20-2	2,6-Dinitrotoluene	193	193	ug/kg	U
91-58-7	2-Chloronaphthalene	193	193	ug/kg	U
95-57-8	2-Chlorophenol	193	193	ug/kg	U
91-57-6	2-Methylnaphthalene	193	193	ug/kg	U
95-48-7	2-Methylphenol	193	193	ug/kg	U
88-74-4	2-Nitroaniline	193	193	ug/kg	U
88-75-5	2-Nitrophenol	193	193	ug/kg	U
106-44-5	3+4-Methylphenol	224	224	ug/kg	U
91-94-1	3,3'-Dichlorobenzidine	193	193	ug/kg	U
99-09-2	3-Nitroaniline	193	193	ug/kg	U
534-52-1	4,6-Dinitro-2-methylphenol	193	193	ug/kg	U
101-55-3	4-Bromophenyl phenyl ether	224	224	ug/kg	U
59-50-7	4-Chloro-3-methylphenol	193	193	ug/kg	U
106-47-8	4-Chloroaniline	224	224	ug/kg	U
7005-72-3	4-Chlorophenyl phenyl ether	193	193	ug/kg	U
100-01-6	4-Nitroaniline	224	224	ug/kg	U
100-02-7	4-Nitrophenol	224	224	ug/kg	U
83-32-9	Acenaphthene	193	193	ug/kg	U
208-96-8	Acenaphthylene	193	193	ug/kg	U
120-12-7	Anthracene	193	193	ug/kg	U
56-55-3	Benzo(a)anthracene	193	193	ug/kg	U
50-32-8	Benzo(a)pyrene	193	193	ug/kg	U
205-99-2	Benzo(b)fluoranthene	193	193	ug/kg	U
191-24-2	Benzo(g,h,i)perylene	193	193	ug/kg	U



Semivolatile Compounds - EPA 8270C

Sample: 0806007-2

Client Sample ID: SB-04 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
207-08-9	Benzo(k)fluoranthene	193	193	ug/kg	U
85-68-7	Butyl benzyl phthalate	193	193	ug/kg	U
218-01-9	Chrysene	193	193	ug/kg	U
84-74-2	Di-n-butyl phthalate	1160	1160	ug/kg	U
117-84-0	Di-n-octyl phthalate	193	193	ug/kg	U
53-70-3	Dibenz(a,h)anthracene	193	193	ug/kg	U
132-64-9	Dibenzofuran	193	193	ug/kg	U
84-66-2	Diethyl phthalate	193	193	ug/kg	U
131-11-3	Dimethyl phthalate	193	193	ug/kg	U
206-44-0	Fluoranthene	193	193	ug/kg	U
86-73-7	Fluorene	193	193	ug/kg	U
118-74-1	Hexachlorobenzene	193	193	ug/kg	U
87-68-3	Hexachlorobutadiene	193	193	ug/kg	U
77-47-4	Hexachlorocyclopentadiene	232	232	ug/kg	U
67-72-1	Hexachloroethane	193	193	ug/kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	193	193	ug/kg	U
78-59-1	Isophorone	193	193	ug/kg	U
621-64-7	N-Nitrosodi-n-propylamine	193	193	ug/kg	U
86-30-6	N-Nitrosodiphenylamine	193	193	ug/kg	U
91-20-3	Naphthalene	193	193	ug/kg	U
98-95-3	Nitrobenzene	193	193	ug/kg	U
87-86-5	Pentachlorophenol	193	193	ug/kg	U
85-01-8	Phenanthrene	193	193	ug/kg	U
108-95-2	Phenol	224	224	ug/kg	U
129-00-0	Pyrene	193	193	ug/kg	U
111-91-1	bis(2-Chloroethoxy)methane	224	224	ug/kg	U
111-44-4	bis(2-Chloroethyl)ether	224	224	ug/kg	U
108-60-1	bis(2-Chloroisopropyl)ether	193	193	ug/kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	1160	1160	ug/kg	U



Semivolatile Compounds - EPA 8270C

Sample: 0806007-3

Client Sample ID: SB-05 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
120-82-1	1,2,4-Trichlorobenzene	193	193	ug/kg	U
95-50-1	1,2-Dichlorobenzene	193	193	ug/kg	U
541-73-1	1,3-Dichlorobenzene	193	193	ug/kg	U
106-46-7	1,4-Dichlorobenzene	193	193	ug/kg	U
95-95-4	2,4,5-Trichlorophenol	193	193	ug/kg	U
88-06-2	2,4,6-Trichlorophenol	193	193	ug/kg	U
120-83-2	2,4-Dichlorophenol	193	193	ug/kg	U
105-67-9	2,4-Dimethylphenol	193	193	ug/kg	U
51-28-5	2,4-Dinitrophenol	193	193	ug/kg	U
121-14-2	2,4-Dinitrotoluene	193	193	ug/kg	U
606-20-2	2,6-Dinitrotoluene	193	193	ug/kg	U
91-58-7	2-Chloronaphthalene	193	193	ug/kg	U
95-57-8	2-Chlorophenol	193	193	ug/kg	U
91-57-6	2-Methylnaphthalene	193	193	ug/kg	U
95-48-7	2-Methylphenol	193	193	ug/kg	U
88-74-4	2-Nitroaniline	193	193	ug/kg	U
88-75-5	2-Nitrophenol	193	193	ug/kg	U
106-44-5	3+4-Methylphenol	193	193	ug/kg	U
91-94-1	3,3'-Dichlorobenzidine	193	193	ug/kg	U
99-09-2	3-Nitroaniline	193	193	ug/kg	U
534-52-1	4,6-Dinitro-2-methylphenol	193	193	ug/kg	U
101-55-3	4-Bromophenyl phenyl ether	193	193	ug/kg	U
59-50-7	4-Chloro-3-methylphenol	193	193	ug/kg	U
106-47-8	4-Chloroaniline	193	193	ug/kg	U
7005-72-3	4-Chlorophenyl phenyl ether	193	193	ug/kg	U
100-01-6	4-Nitroaniline	193	193	ug/kg	U
100-02-7	4-Nitrophenol	193	193	ug/kg	U
83-32-9	Acenaphthene	193	1090	ug/kg	
208-96-8	Acenaphthylene	193	193	ug/kg	U
120-12-7	Anthracene	193	2260	ug/kg	
56-55-3	Benzo(a)anthracene	193	5230	ug/kg	
50-32-8	Benzo(a)pyrene	193	61500	ug/kg	
205-99-2	Benzo(b)fluoranthene	193	40600	ug/kg	
191-24-2	Benzo(g,h,i)perylene	193	27800	ug/kg	



Semivolatile Compounds - EPA 8270C

Sample: 0806007-3

Client Sample ID: SB-05 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
207-08-9	Benzo(k)fluoranthene	193	62600	ug/kg	
85-68-7	Butyl benzyl phthalate	193	193	ug/kg	U
218-01-9	Chrysene	193	5570	ug/kg	
84-74-2	Di-n-butyl phthalate	1160	1160	ug/kg	U
117-84-0	Di-n-octyl phthalate	193	193	ug/kg	U
53-70-3	Dibenz(a,h)anthracene	193	193	ug/kg	U
132-64-9	Dibenzofuran	193	193	ug/kg	U
84-66-2	Diethyl phthalate	193	193	ug/kg	U
131-11-3	Dimethyl phthalate	193	193	ug/kg	U
206-44-0	Fluoranthene	193	193	ug/kg	U
86-73-7	Fluorene	193	817	ug/kg	
118-74-1	Hexachlorobenzene	193	193	ug/kg	U
87-68-3	Hexachlorobutadiene	193	193	ug/kg	U
77-47-4	Hexachlorocyclopentadiene	232	232	ug/kg	U
67-72-1	Hexachloroethane	193	193	ug/kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	193	33600	ug/kg	
78-59-1	Isophorone	193	193	ug/kg	U
621-64-7	N-Nitrosodi-n-propylamine	193	193	ug/kg	U
86-30-6	N-Nitrosodiphenylamine	193	193	ug/kg	U
91-20-3	Naphthalene	193	1360	ug/kg	
98-95-3	Nitrobenzene	193	193	ug/kg	U
87-86-5	Pentachlorophenol	193	193	ug/kg	U
85-01-8	Phenanthrene	193	11700	ug/kg	
108-95-2	Phenol	193	193	ug/kg	U
129-00-0	Pyrene	193	15000	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	193	193	ug/kg	U
111-44-4	bis(2-Chloroethyl)ether	193	193	ug/kg	U
108-60-1	bis(2-Chloroisopropyl)ether	193	193	ug/kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	1160	1160	ug/kg	U



Semivolatile Compounds - EPA 8270C

Sample: 0806007-4

Client Sample ID: SB-02 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
120-82-1	1,2,4-Trichlorobenzene	176	176	ug/kg	U
95-50-1	1,2-Dichlorobenzene	176	176	ug/kg	U
541-73-1	1,3-Dichlorobenzene	176	176	ug/kg	U
106-46-7	1,4-Dichlorobenzene	176	176	ug/kg	U
95-95-4	2,4,5-Trichlorophenol	176	176	ug/kg	U
88-06-2	2,4,6-Trichlorophenol	176	176	ug/kg	U
120-83-2	2,4-Dichlorophenol	176	176	ug/kg	U
105-67-9	2,4-Dimethylphenol	176	176	ug/kg	U
51-28-5	2,4-Dinitrophenol	176	176	ug/kg	U
121-14-2	2,4-Dinitrotoluene	176	176	ug/kg	U
606-20-2	2,6-Dinitrotoluene	176	176	ug/kg	U
91-58-7	2-Chloronaphthalene	176	176	ug/kg	U
95-57-8	2-Chlorophenol	176	176	ug/kg	U
91-57-6	2-Methylnaphthalene	176	176	ug/kg	U
95-48-7	2-Methylphenol	176	176	ug/kg	U
88-74-4	2-Nitroaniline	176	176	ug/kg	U
88-75-5	2-Nitrophenol	176	176	ug/kg	U
106-44-5	3+4-Methylphenol	176	176	ug/kg	U
91-94-1	3,3'-Dichlorobenzidine	176	176	ug/kg	U
99-09-2	3-Nitroaniline	176	176	ug/kg	U
534-52-1	4,6-Dinitro-2-methylphenol	176	176	ug/kg	U
101-55-3	4-Bromophenyl phenyl ether	176	176	ug/kg	U
59-50-7	4-Chloro-3-methylphenol	176	176	ug/kg	U
106-47-8	4-Chloroaniline	176	176	ug/kg	U
7005-72-3	4-Chlorophenyl phenyl ether	176	176	ug/kg	U
100-01-6	4-Nitroaniline	176	176	ug/kg	U
100-02-7	4-Nitrophenol	176	176	ug/kg	U
83-32-9	Acenaphthene	176	176	ug/kg	U
208-96-8	Acenaphthylene	176	176	ug/kg	U
120-12-7	Anthracene	176	176	ug/kg	U
56-55-3	Benzo(a)anthracene	176	176	ug/kg	U
50-32-8	Benzo(a)pyrene	176	176	ug/kg	U
205-99-2	Benzo(b)fluoranthene	176	176	ug/kg	U
191-24-2	Benzo(g,h,i)perylene	176	176	ug/kg	U



Semivolatile Compounds - EPA 8270C

Sample: 0806007-4

Client Sample ID: SB-02 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
207-08-9	Benzo(k)fluoranthene	176	176	ug/kg	U
85-68-7	Butyl benzyl phthalate	176	176	ug/kg	U
218-01-9	Chrysene	176	176	ug/kg	U
84-74-2	Di-n-butyl phthalate	1060	1060	ug/kg	U
117-84-0	Di-n-octyl phthalate	176	176	ug/kg	U
53-70-3	Dibenz(a,h)anthracene	176	176	ug/kg	U
132-64-9	Dibenzofuran	176	176	ug/kg	U
84-66-2	Diethyl phthalate	176	176	ug/kg	U
131-11-3	Dimethyl phthalate	176	176	ug/kg	U
206-44-0	Fluoranthene	176	176	ug/kg	U
86-73-7	Fluorene	176	176	ug/kg	U
118-74-1	Hexachlorobenzene	176	176	ug/kg	U
87-68-3	Hexachlorobutadiene	176	176	ug/kg	U
77-47-4	Hexachlorocyclopentadiene	212	212	ug/kg	U
67-72-1	Hexachloroethane	176	176	ug/kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	176	176	ug/kg	U
78-59-1	Isophorone	176	176	ug/kg	U
621-64-7	N-Nitrosodi-n-propylamine	176	176	ug/kg	U
86-30-6	N-Nitrosodiphenylamine	176	176	ug/kg	U
91-20-3	Naphthalene	176	176	ug/kg	U
98-95-3	Nitrobenzene	176	176	ug/kg	U
87-86-5	Pentachlorophenol	176	176	ug/kg	U
85-01-8	Phenanthrene	176	176	ug/kg	U
108-95-2	Phenol	176	176	ug/kg	U
129-00-0	Pyrene	176	560	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	176	176	ug/kg	U
111-44-4	bis(2-Chloroethyl)ether	176	176	ug/kg	U
108-60-1	bis(2-Chloroisopropyl)ether	176	176	ug/kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	1060	1060	ug/kg	U



Semivolatile Compounds - EPA 8270C

Sample: 0806007-5

Client Sample ID: SB-03 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
120-82-1	1,2,4-Trichlorobenzene	191	191	ug/kg	U
95-50-1	1,2-Dichlorobenzene	191	191	ug/kg	U
541-73-1	1,3-Dichlorobenzene	191	191	ug/kg	U
106-46-7	1,4-Dichlorobenzene	191	191	ug/kg	U
95-95-4	2,4,5-Trichlorophenol	191	191	ug/kg	U
88-06-2	2,4,6-Trichlorophenol	191	191	ug/kg	U
120-83-2	2,4-Dichlorophenol	191	191	ug/kg	U
105-67-9	2,4-Dimethylphenol	191	191	ug/kg	U
51-28-5	2,4-Dinitrophenol	191	191	ug/kg	U
121-14-2	2,4-Dinitrotoluene	191	191	ug/kg	U
606-20-2	2,6-Dinitrotoluene	191	191	ug/kg	U
91-58-7	2-Chloronaphthalene	191	191	ug/kg	U
95-57-8	2-Chlorophenol	191	191	ug/kg	U
91-57-6	2-Methylnaphthalene	191	191	ug/kg	U
95-48-7	2-Methylphenol	191	191	ug/kg	U
88-74-4	2-Nitroaniline	191	191	ug/kg	U
88-75-5	2-Nitrophenol	191	191	ug/kg	U
106-44-5	3+4-Methylphenol	191	191	ug/kg	U
91-94-1	3,3'-Dichlorobenzidine	191	191	ug/kg	U
99-09-2	3-Nitroaniline	191	191	ug/kg	U
534-52-1	4,6-Dinitro-2-methylphenol	191	191	ug/kg	U
101-55-3	4-Bromophenyl phenyl ether	191	191	ug/kg	U
59-50-7	4-Chloro-3-methylphenol	191	191	ug/kg	U
106-47-8	4-Chloroaniline	191	191	ug/kg	U
7005-72-3	4-Chlorophenyl phenyl ether	191	191	ug/kg	U
100-01-6	4-Nitroaniline	191	191	ug/kg	U
100-02-7	4-Nitrophenol	191	191	ug/kg	U
83-32-9	Acenaphthene	191	191	ug/kg	U
208-96-8	Acenaphthylene	191	191	ug/kg	U
120-12-7	Anthracene	191	191	ug/kg	U
56-55-3	Benzo(a)anthracene	191	191	ug/kg	U
50-32-8	Benzo(a)pyrene	191	191	ug/kg	U
205-99-2	Benzo(b)fluoranthene	191	191	ug/kg	U
191-24-2	Benzo(g,h,i)perylene	191	191	ug/kg	U



Semivolatile Compounds - EPA 8270C

Sample: 0806007-5

Client Sample ID: SB-03 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
207-08-9	Benzo(k)fluoranthene	191	191	ug/kg	U
85-68-7	Butyl benzyl phthalate	191	191	ug/kg	U
218-01-9	Chrysene	191	191	ug/kg	U
84-74-2	Di-n-butyl phthalate	1150	1150	ug/kg	U
117-84-0	Di-n-octyl phthalate	191	191	ug/kg	U
53-70-3	Dibenz(a,h)anthracene	191	191	ug/kg	U
132-64-9	Dibenzofuran	191	191	ug/kg	U
84-66-2	Diethyl phthalate	191	191	ug/kg	U
131-11-3	Dimethyl phthalate	191	191	ug/kg	U
206-44-0	Fluoranthene	191	191	ug/kg	U
86-73-7	Fluorene	191	191	ug/kg	U
118-74-1	Hexachlorobenzene	191	191	ug/kg	U
87-68-3	Hexachlorobutadiene	191	191	ug/kg	U
77-47-4	Hexachlorocyclopentadiene	230	230	ug/kg	U
67-72-1	Hexachloroethane	191	191	ug/kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	191	191	ug/kg	U
78-59-1	Isophorone	191	191	ug/kg	U
621-64-7	N-Nitrosodi-n-propylamine	191	191	ug/kg	U
86-30-6	N-Nitrosodiphenylamine	191	191	ug/kg	U
91-20-3	Naphthalene	191	191	ug/kg	U
98-95-3	Nitrobenzene	191	191	ug/kg	U
87-86-5	Pentachlorophenol	191	191	ug/kg	U
85-01-8	Phenanthrene	191	191	ug/kg	U
108-95-2	Phenol	191	191	ug/kg	U
129-00-0	Pyrene	191	191	ug/kg	U
111-91-1	bis(2-Chloroethoxy)methane	191	191	ug/kg	U
111-44-4	bis(2-Chloroethyl)ether	191	191	ug/kg	U
108-60-1	bis(2-Chloroisopropyl)ether	191	191	ug/kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	1150	1150	ug/kg	U



Semivolatile Compounds - EPA 8270C

Sample: 0806007-6

Client Sample ID: SB-06 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
120-82-1	1,2,4-Trichlorobenzene	189	189	ug/kg	U
95-50-1	1,2-Dichlorobenzene	189	189	ug/kg	U
541-73-1	1,3-Dichlorobenzene	189	189	ug/kg	U
106-46-7	1,4-Dichlorobenzene	189	189	ug/kg	U
95-95-4	2,4,5-Trichlorophenol	189	189	ug/kg	U
88-06-2	2,4,6-Trichlorophenol	189	189	ug/kg	U
120-83-2	2,4-Dichlorophenol	189	189	ug/kg	U
105-67-9	2,4-Dimethylphenol	189	189	ug/kg	U
51-28-5	2,4-Dinitrophenol	189	189	ug/kg	U
121-14-2	2,4-Dinitrotoluene	189	189	ug/kg	U
606-20-2	2,6-Dinitrotoluene	189	189	ug/kg	U
91-58-7	2-Chloronaphthalene	189	189	ug/kg	U
95-57-8	2-Chlorophenol	189	189	ug/kg	U
91-57-6	2-Methylnaphthalene	189	189	ug/kg	U
95-48-7	2-Methylphenol	189	189	ug/kg	U
88-74-4	2-Nitroaniline	189	189	ug/kg	U
88-75-5	2-Nitrophenol	189	189	ug/kg	U
106-44-5	3+4-Methylphenol	189	189	ug/kg	U
91-94-1	3,3'-Dichlorobenzidine	189	189	ug/kg	U
99-09-2	3-Nitroaniline	189	189	ug/kg	U
534-52-1	4,6-Dinitro-2-methylphenol	189	189	ug/kg	U
101-55-3	4-Bromophenyl phenyl ether	189	189	ug/kg	U
59-50-7	4-Chloro-3-methylphenol	189	189	ug/kg	U
106-47-8	4-Chloroaniline	189	189	ug/kg	U
7005-72-3	4-Chlorophenyl phenyl ether	189	189	ug/kg	U
100-01-6	4-Nitroaniline	189	189	ug/kg	U
100-02-7	4-Nitrophenol	189	189	ug/kg	U
83-32-9	Acenaphthene	189	189	ug/kg	U
208-96-8	Acenaphthylene	189	189	ug/kg	U
120-12-7	Anthracene	189	189	ug/kg	U
56-55-3	Benzo(a)anthracene	189	189	ug/kg	U
50-32-8	Benzo(a)pyrene	189	189	ug/kg	U
205-99-2	Benzo(b)fluoranthene	189	189	ug/kg	U
191-24-2	Benzo(g,h,i)perylene	189	189	ug/kg	U



Semivolatile Compounds - EPA 8270C

Sample: 0806007-6

Client Sample ID: SB-06 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
207-08-9	Benzo(k)fluoranthene	189	189	ug/kg	U
85-68-7	Butyl benzyl phthalate	189	189	ug/kg	U
218-01-9	Chrysene	189	189	ug/kg	U
84-74-2	Di-n-butyl phthalate	1140	1140	ug/kg	U
117-84-0	Di-n-octyl phthalate	189	189	ug/kg	U
53-70-3	Dibenz(a,h)anthracene	189	189	ug/kg	U
132-64-9	Dibenzofuran	189	189	ug/kg	U
84-66-2	Diethyl phthalate	189	189	ug/kg	U
131-11-3	Dimethyl phthalate	189	189	ug/kg	U
206-44-0	Fluoranthene	189	189	ug/kg	U
86-73-7	Fluorene	189	189	ug/kg	U
118-74-1	Hexachlorobenzene	189	189	ug/kg	U
87-68-3	Hexachlorobutadiene	189	189	ug/kg	U
77-47-4	Hexachlorocyclopentadiene	228	228	ug/kg	U
67-72-1	Hexachloroethane	189	189	ug/kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	189	189	ug/kg	U
78-59-1	Isophorone	189	189	ug/kg	U
621-64-7	N-Nitrosodi-n-propylamine	189	189	ug/kg	U
86-30-6	N-Nitrosodiphenylamine	189	189	ug/kg	U
91-20-3	Naphthalene	189	189	ug/kg	U
98-95-3	Nitrobenzene	189	189	ug/kg	U
87-86-5	Pentachlorophenol	189	189	ug/kg	U
85-01-8	Phenanthrene	189	189	ug/kg	U
108-95-2	Phenol	189	189	ug/kg	U
129-00-0	Pyrene	189	189	ug/kg	U
111-91-1	bis(2-Chloroethoxy)methane	189	189	ug/kg	U
111-44-4	bis(2-Chloroethyl)ether	189	189	ug/kg	U
108-60-1	bis(2-Chloroisopropyl)ether	189	189	ug/kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	1140	1140	ug/kg	U



Semivolatile Compounds - EPA 8270C

Sample: 0806007-7

Client Sample ID: SB-06 (38-40')

Collected: 06/09/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
120-82-1	1,2,4-Trichlorobenzene	171	171	ug/kg	U
95-50-1	1,2-Dichlorobenzene	171	171	ug/kg	U
541-73-1	1,3-Dichlorobenzene	171	171	ug/kg	U
106-46-7	1,4-Dichlorobenzene	171	171	ug/kg	U
95-95-4	2,4,5-Trichlorophenol	171	171	ug/kg	U
88-06-2	2,4,6-Trichlorophenol	171	171	ug/kg	U
120-83-2	2,4-Dichlorophenol	171	171	ug/kg	U
105-67-9	2,4-Dimethylphenol	171	171	ug/kg	U
51-28-5	2,4-Dinitrophenol	171	171	ug/kg	U
121-14-2	2,4-Dinitrotoluene	171	171	ug/kg	U
606-20-2	2,6-Dinitrotoluene	171	171	ug/kg	U
91-58-7	2-Chloronaphthalene	171	171	ug/kg	U
95-57-8	2-Chlorophenol	171	171	ug/kg	U
91-57-6	2-Methylnaphthalene	171	171	ug/kg	U
95-48-7	2-Methylphenol	171	171	ug/kg	U
88-74-4	2-Nitroaniline	171	171	ug/kg	U
88-75-5	2-Nitrophenol	171	171	ug/kg	U
106-44-5	3+4-Methylphenol	171	171	ug/kg	U
91-94-1	3,3'-Dichlorobenzidine	171	171	ug/kg	U
99-09-2	3-Nitroaniline	171	171	ug/kg	U
534-52-1	4,6-Dinitro-2-methylphenol	171	171	ug/kg	U
101-55-3	4-Bromophenyl phenyl ether	171	171	ug/kg	U
59-50-7	4-Chloro-3-methylphenol	171	171	ug/kg	U
106-47-8	4-Chloroaniline	171	171	ug/kg	U
7005-72-3	4-Chlorophenyl phenyl ether	171	171	ug/kg	U
100-01-6	4-Nitroaniline	171	171	ug/kg	U
100-02-7	4-Nitrophenol	171	171	ug/kg	U
83-32-9	Acenaphthene	171	171	ug/kg	U
208-96-8	Acenaphthylene	171	171	ug/kg	U
120-12-7	Anthracene	171	171	ug/kg	U
56-55-3	Benzo(a)anthracene	171	171	ug/kg	U
50-32-8	Benzo(a)pyrene	171	171	ug/kg	U
205-99-2	Benzo(b)fluoranthene	171	171	ug/kg	U
191-24-2	Benzo(g,h,i)perylene	171	171	ug/kg	U



Semivolatile Compounds - EPA 8270C

Sample: 0806007-7

Client Sample ID: SB-06 (38-40')

Collected: 06/09/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
207-08-9	Benzo(k)fluoranthene	171	171	ug/kg	U
85-68-7	Butyl benzyl phthalate	171	171	ug/kg	U
218-01-9	Chrysene	171	171	ug/kg	U
84-74-2	Di-n-butyl phthalate	1030	1030	ug/kg	U
117-84-0	Di-n-octyl phthalate	171	171	ug/kg	U
53-70-3	Dibenz(a,h)anthracene	171	171	ug/kg	U
132-64-9	Dibenzofuran	171	171	ug/kg	U
84-66-2	Diethyl phthalate	171	171	ug/kg	U
131-11-3	Dimethyl phthalate	171	171	ug/kg	U
206-44-0	Fluoranthene	171	171	ug/kg	U
86-73-7	Fluorene	171	171	ug/kg	U
118-74-1	Hexachlorobenzene	171	171	ug/kg	U
87-68-3	Hexachlorobutadiene	171	171	ug/kg	U
77-47-4	Hexachlorocyclopentadiene	206	206	ug/kg	U
67-72-1	Hexachloroethane	171	171	ug/kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	171	171	ug/kg	U
78-59-1	Isophorone	171	171	ug/kg	U
621-64-7	N-Nitrosodi-n-propylamine	171	171	ug/kg	U
86-30-6	N-Nitrosodiphenylamine	171	171	ug/kg	U
91-20-3	Naphthalene	171	171	ug/kg	U
98-95-3	Nitrobenzene	171	171	ug/kg	U
87-86-5	Pentachlorophenol	171	171	ug/kg	U
85-01-8	Phenanthrene	171	171	ug/kg	U
108-95-2	Phenol	171	171	ug/kg	U
129-00-0	Pyrene	171	171	ug/kg	U
111-91-1	bis(2-Chloroethoxy)methane	171	171	ug/kg	U
111-44-4	bis(2-Chloroethyl)ether	171	171	ug/kg	U
108-60-1	bis(2-Chloroisopropyl)ether	171	171	ug/kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	1030	1030	ug/kg	U



Semivolatile Compounds - EPA 8270C

Sample: 0806007-8

Client Sample ID: GW-06

Collected: 06/09/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Liquid

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
120-82-1	1,2,4-Trichlorobenzene	5.00	5.00	ug/L	U
95-50-1	1,2-Dichlorobenzene	5.00	5.00	ug/L	U
541-73-1	1,3-Dichlorobenzene	5.00	5.00	ug/L	U
106-46-7	1,4-Dichlorobenzene	5.00	5.00	ug/L	U
95-95-4	2,4,5-Trichlorophenol	5.00	5.00	ug/L	U
88-06-2	2,4,6-Trichlorophenol	5.00	5.00	ug/L	U
120-83-2	2,4-Dichlorophenol	5.00	5.00	ug/L	U
105-67-9	2,4-Dimethylphenol	5.00	5.00	ug/L	U
51-28-5	2,4-Dinitrophenol	5.00	5.00	ug/L	U
121-14-2	2,4-Dinitrotoluene	5.00	5.00	ug/L	U
606-20-2	2,6-Dinitrotoluene	5.00	5.00	ug/L	U
91-58-7	2-Chloronaphthalene	5.00	5.00	ug/L	U
95-57-8	2-Chlorophenol	5.00	5.00	ug/L	U
91-57-6	2-Methylnaphthalene	5.00	5.00	ug/L	U
95-48-7	2-Methylphenol	5.00	5.00	ug/L	U
88-74-4	2-Nitroaniline	5.00	5.00	ug/L	U
88-75-5	2-Nitrophenol	5.00	5.00	ug/L	U
106-44-5	3+4-Methylphenol	3.00	3.00	ug/L	U
91-94-1	3,3'-Dichlorobenzidine	5.00	5.00	ug/L	U
99-09-2	3-Nitroaniline	5.00	5.00	ug/L	U
534-52-1	4,6-Dinitro-2-methylphenol	5.00	5.00	ug/L	U
101-55-3	4-Bromophenyl phenyl ether	5.00	5.00	ug/L	U
59-50-7	4-Chloro-3-methylphenol	5.00	5.00	ug/L	U
106-47-8	4-Chloroaniline	5.00	5.00	ug/L	U
7005-72-3	4-Chlorophenyl phenyl ether	5.00	5.00	ug/L	U
100-01-6	4-Nitroaniline	5.00	5.00	ug/L	U
100-02-7	4-Nitrophenol	5.00	5.00	ug/L	U
83-32-9	Acenaphthene	5.00	5.00	ug/L	U
208-96-8	Acenaphthylene	5.00	5.00	ug/L	U
120-12-7	Anthracene	5.00	5.00	ug/L	U
56-55-3	Benzo(a)anthracene	5.00	59.0	ug/L	
50-32-8	Benzo(a)pyrene	5.00	5.00	ug/L	U
205-99-2	Benzo(b)fluoranthene	5.00	5.00	ug/L	U
191-24-2	Benzo(g,h,i)perylene	5.00	5.00	ug/L	U



Semivolatile Compounds - EPA 8270C

Sample: 0806007-8

Client Sample ID: GW-06

Collected: 06/09/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Liquid

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
207-08-9	Benzo(k)fluoranthene	5.00	5.00	ug/L	U
85-68-7	Butyl benzyl phthalate	5.00	5.00	ug/L	U
218-01-9	Chrysene	5.00	46.0	ug/L	
84-74-2	Di-n-butyl phthalate	50.0	50.0	ug/L	U
117-84-0	Di-n-octyl phthalate	5.00	5.00	ug/L	U
53-70-3	Dibenz(a,h)anthracene	5.00	5.00	ug/L	U
132-64-9	Dibenzofuran	5.00	5.00	ug/L	U
84-66-2	Diethyl phthalate	5.00	5.00	ug/L	U
131-11-3	Dimethyl phthalate	5.00	5.00	ug/L	U
206-44-0	Fluoranthene	5.00	5.00	ug/L	U
86-73-7	Fluorene	5.00	5.00	ug/L	U
118-74-1	Hexachlorobenzene	5.00	5.00	ug/L	U
87-68-3	Hexachlorobutadiene	5.00	5.00	ug/L	U
77-47-4	Hexachlorocyclopentadiene	5.00	5.00	ug/L	U
67-72-1	Hexachloroethane	5.00	5.00	ug/L	U
193-39-5	Indeno(1,2,3-cd)pyrene	5.00	5.00	ug/L	U
78-59-1	Isophorone	5.00	5.00	ug/L	U
621-64-7	N-Nitrosodi-n-propylamine	5.00	5.00	ug/L	U
86-30-6	N-Nitrosodiphenylamine	5.00	5.00	ug/L	U
91-20-3	Naphthalene	5.00	5.00	ug/L	U
98-95-3	Nitrobenzene	5.00	5.00	ug/L	U
87-86-5	Pentachlorophenol	5.00	5.00	ug/L	U
85-01-8	Phenanthrene	5.00	5.00	ug/L	U
108-95-2	Phenol	5.00	5.00	ug/L	U
129-00-0	Pyrene	5.00	56.0	ug/L	
111-91-1	bis(2-Chloroethoxy)methane	5.00	5.00	ug/L	U
111-44-4	bis(2-Chloroethyl)ether	5.00	5.00	ug/L	U
108-60-1	bis(2-Chloroisopropyl)ether	5.00	5.00	ug/L	U
117-81-7	bis(2-Ethylhexyl)phthalate	5.00	5.00	ug/L	U



Semivolatile Compounds - EPA 8270C

Sample: 0806007-9

Client Sample ID: SB-03 (38-40')

Collected: 06/09/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
120-82-1	1,2,4-Trichlorobenzene	173	173	ug/kg	U
95-50-1	1,2-Dichlorobenzene	173	173	ug/kg	U
541-73-1	1,3-Dichlorobenzene	173	173	ug/kg	U
106-46-7	1,4-Dichlorobenzene	173	173	ug/kg	U
95-95-4	2,4,5-Trichlorophenol	173	173	ug/kg	U
88-06-2	2,4,6-Trichlorophenol	173	173	ug/kg	U
120-83-2	2,4-Dichlorophenol	173	173	ug/kg	U
105-67-9	2,4-Dimethylphenol	173	173	ug/kg	U
51-28-5	2,4-Dinitrophenol	173	173	ug/kg	U
121-14-2	2,4-Dinitrotoluene	173	173	ug/kg	U
606-20-2	2,6-Dinitrotoluene	173	173	ug/kg	U
91-58-7	2-Chloronaphthalene	173	173	ug/kg	U
95-57-8	2-Chlorophenol	173	173	ug/kg	U
91-57-6	2-Methylnaphthalene	173	173	ug/kg	U
95-48-7	2-Methylphenol	173	173	ug/kg	U
88-74-4	2-Nitroaniline	173	173	ug/kg	U
88-75-5	2-Nitrophenol	173	173	ug/kg	U
106-44-5	3+4-Methylphenol	173	173	ug/kg	U
91-94-1	3,3'-Dichlorobenzidine	173	173	ug/kg	U
99-09-2	3-Nitroaniline	173	173	ug/kg	U
534-52-1	4,6-Dinitro-2-methylphenol	173	173	ug/kg	U
101-55-3	4-Bromophenyl phenyl ether	173	173	ug/kg	U
59-50-7	4-Chloro-3-methylphenol	173	173	ug/kg	U
106-47-8	4-Chloroaniline	173	173	ug/kg	U
7005-72-3	4-Chlorophenyl phenyl ether	173	173	ug/kg	U
100-01-6	4-Nitroaniline	173	173	ug/kg	U
100-02-7	4-Nitrophenol	173	173	ug/kg	U
83-32-9	Acenaphthene	173	173	ug/kg	U
208-96-8	Acenaphthylene	173	173	ug/kg	U
120-12-7	Anthracene	173	173	ug/kg	U
56-55-3	Benzo(a)anthracene	173	173	ug/kg	U
50-32-8	Benzo(a)pyrene	173	173	ug/kg	U
205-99-2	Benzo(b)fluoranthene	173	173	ug/kg	U
191-24-2	Benzo(g,h,i)perylene	173	173	ug/kg	U



Semivolatile Compounds - EPA 8270C

Sample: 0806007-9

Client Sample ID: SB-03 (38-40')

Collected: 06/09/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
207-08-9	Benzo(k)fluoranthene	173	173	ug/kg	U
85-68-7	Butyl benzyl phthalate	173	173	ug/kg	U
218-01-9	Chrysene	173	173	ug/kg	U
84-74-2	Di-n-butyl phthalate	1040	1040	ug/kg	U
117-84-0	Di-n-octyl phthalate	173	173	ug/kg	U
53-70-3	Dibenz(a,h)anthracene	173	173	ug/kg	U
132-64-9	Dibenzofuran	173	173	ug/kg	U
84-66-2	Diethyl phthalate	173	173	ug/kg	U
131-11-3	Dimethyl phthalate	173	173	ug/kg	U
206-44-0	Fluoranthene	173	173	ug/kg	U
86-73-7	Fluorene	173	173	ug/kg	U
118-74-1	Hexachlorobenzene	173	173	ug/kg	U
87-68-3	Hexachlorobutadiene	173	173	ug/kg	U
77-47-4	Hexachlorocyclopentadiene	208	208	ug/kg	U
67-72-1	Hexachloroethane	173	173	ug/kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	173	173	ug/kg	U
78-59-1	Isophorone	173	173	ug/kg	U
621-64-7	N-Nitrosodi-n-propylamine	173	173	ug/kg	U
86-30-6	N-Nitrosodiphenylamine	173	173	ug/kg	U
91-20-3	Naphthalene	173	173	ug/kg	U
98-95-3	Nitrobenzene	173	173	ug/kg	U
87-86-5	Pentachlorophenol	173	173	ug/kg	U
85-01-8	Phenanthrene	173	173	ug/kg	U
108-95-2	Phenol	173	173	ug/kg	U
129-00-0	Pyrene	173	173	ug/kg	U
111-91-1	bis(2-Chloroethoxy)methane	173	173	ug/kg	U
111-44-4	bis(2-Chloroethyl)ether	173	173	ug/kg	U
108-60-1	bis(2-Chloroisopropyl)ether	173	173	ug/kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	1040	1040	ug/kg	U



Semivolatile Compounds - EPA 8270C

Sample: 0806007-10

Client Sample ID: SB-05 (38-40')

Collected: 06/09/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
120-82-1	1,2,4-Trichlorobenzene	174	174	ug/kg	U
95-50-1	1,2-Dichlorobenzene	174	174	ug/kg	U
541-73-1	1,3-Dichlorobenzene	174	174	ug/kg	U
106-46-7	1,4-Dichlorobenzene	174	174	ug/kg	U
95-95-4	2,4,5-Trichlorophenol	174	174	ug/kg	U
88-06-2	2,4,6-Trichlorophenol	174	174	ug/kg	U
120-83-2	2,4-Dichlorophenol	174	174	ug/kg	U
105-67-9	2,4-Dimethylphenol	174	174	ug/kg	U
51-28-5	2,4-Dinitrophenol	174	174	ug/kg	U
121-14-2	2,4-Dinitrotoluene	174	174	ug/kg	U
606-20-2	2,6-Dinitrotoluene	174	174	ug/kg	U
91-58-7	2-Chloronaphthalene	174	174	ug/kg	U
95-57-8	2-Chlorophenol	174	174	ug/kg	U
91-57-6	2-Methylnaphthalene	174	174	ug/kg	U
95-48-7	2-Methylphenol	174	174	ug/kg	U
88-74-4	2-Nitroaniline	174	174	ug/kg	U
88-75-5	2-Nitrophenol	174	174	ug/kg	U
106-44-5	3+4-Methylphenol	174	174	ug/kg	U
91-94-1	3,3'-Dichlorobenzidine	174	174	ug/kg	U
99-09-2	3-Nitroaniline	174	174	ug/kg	U
534-52-1	4,6-Dinitro-2-methylphenol	174	174	ug/kg	U
101-55-3	4-Bromophenyl phenyl ether	174	174	ug/kg	U
59-50-7	4-Chloro-3-methylphenol	174	174	ug/kg	U
106-47-8	4-Chloroaniline	174	174	ug/kg	U
7005-72-3	4-Chlorophenyl phenyl ether	174	174	ug/kg	U
100-01-6	4-Nitroaniline	174	174	ug/kg	U
100-02-7	4-Nitrophenol	174	174	ug/kg	U
83-32-9	Acenaphthene	174	174	ug/kg	U
208-96-8	Acenaphthylene	174	174	ug/kg	U
120-12-7	Anthracene	174	174	ug/kg	U
56-55-3	Benzo(a)anthracene	174	174	ug/kg	U
50-32-8	Benzo(a)pyrene	174	174	ug/kg	U
205-99-2	Benzo(b)fluoranthene	174	174	ug/kg	U
191-24-2	Benzo(g,h,i)perylene	174	174	ug/kg	U



Semivolatile Compounds - EPA 8270C

Sample: 0806007-10

Client Sample ID: SB-05 (38-40')

Collected: 06/09/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
207-08-9	Benzo(k)fluoranthene	174	174	ug/kg	U
85-68-7	Butyl benzyl phthalate	174	174	ug/kg	U
218-01-9	Chrysene	174	174	ug/kg	U
84-74-2	Di-n-butyl phthalate	1050	1050	ug/kg	U
117-84-0	Di-n-octyl phthalate	174	174	ug/kg	U
53-70-3	Dibenz(a,h)anthracene	174	174	ug/kg	U
132-64-9	Dibenzofuran	174	174	ug/kg	U
84-66-2	Diethyl phthalate	174	174	ug/kg	U
131-11-3	Dimethyl phthalate	174	174	ug/kg	U
206-44-0	Fluoranthene	174	174	ug/kg	U
86-73-7	Fluorene	174	174	ug/kg	U
118-74-1	Hexachlorobenzene	174	174	ug/kg	U
87-68-3	Hexachlorobutadiene	174	174	ug/kg	U
77-47-4	Hexachlorocyclopentadiene	210	210	ug/kg	U
67-72-1	Hexachloroethane	174	174	ug/kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	174	174	ug/kg	U
78-59-1	Isophorone	174	174	ug/kg	U
621-64-7	N-Nitrosodi-n-propylamine	174	174	ug/kg	U
86-30-6	N-Nitrosodiphenylamine	174	174	ug/kg	U
91-20-3	Naphthalene	174	174	ug/kg	U
98-95-3	Nitrobenzene	174	174	ug/kg	U
87-86-5	Pentachlorophenol	174	174	ug/kg	U
85-01-8	Phenanthrene	174	174	ug/kg	U
108-95-2	Phenol	174	174	ug/kg	U
129-00-0	Pyrene	174	174	ug/kg	U
111-91-1	bis(2-Chloroethoxy)methane	174	174	ug/kg	U
111-44-4	bis(2-Chloroethyl)ether	174	174	ug/kg	U
108-60-1	bis(2-Chloroisopropyl)ether	174	174	ug/kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	1050	1050	ug/kg	U



Semivolatile Compounds - EPA 8270C

Sample: 0806007-11

Client Sample ID: SB-02 (39-41')

Collected: 06/10/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
120-82-1	1,2,4-Trichlorobenzene	173	173	ug/kg	U
95-50-1	1,2-Dichlorobenzene	173	173	ug/kg	U
541-73-1	1,3-Dichlorobenzene	173	173	ug/kg	U
106-46-7	1,4-Dichlorobenzene	173	173	ug/kg	U
95-95-4	2,4,5-Trichlorophenol	173	173	ug/kg	U
88-06-2	2,4,6-Trichlorophenol	173	173	ug/kg	U
120-83-2	2,4-Dichlorophenol	173	173	ug/kg	U
105-67-9	2,4-Dimethylphenol	173	173	ug/kg	U
51-28-5	2,4-Dinitrophenol	173	173	ug/kg	U
121-14-2	2,4-Dinitrotoluene	173	173	ug/kg	U
606-20-2	2,6-Dinitrotoluene	173	173	ug/kg	U
91-58-7	2-Chloronaphthalene	173	173	ug/kg	U
95-57-8	2-Chlorophenol	173	173	ug/kg	U
91-57-6	2-Methylnaphthalene	173	173	ug/kg	U
95-48-7	2-Methylphenol	173	173	ug/kg	U
88-74-4	2-Nitroaniline	173	173	ug/kg	U
88-75-5	2-Nitrophenol	173	173	ug/kg	U
106-44-5	3+4-Methylphenol	173	173	ug/kg	U
91-94-1	3,3'-Dichlorobenzidine	173	173	ug/kg	U
99-09-2	3-Nitroaniline	173	173	ug/kg	U
534-52-1	4,6-Dinitro-2-methylphenol	173	173	ug/kg	U
101-55-3	4-Bromophenyl phenyl ether	173	173	ug/kg	U
59-50-7	4-Chloro-3-methylphenol	173	173	ug/kg	U
106-47-8	4-Chloroaniline	173	173	ug/kg	U
7005-72-3	4-Chlorophenyl phenyl ether	173	173	ug/kg	U
100-01-6	4-Nitroaniline	173	173	ug/kg	U
100-02-7	4-Nitrophenol	173	173	ug/kg	U
83-32-9	Acenaphthene	173	173	ug/kg	U
208-96-8	Acenaphthylene	173	173	ug/kg	U
120-12-7	Anthracene	173	173	ug/kg	U
56-55-3	Benzo(a)anthracene	173	173	ug/kg	U
50-32-8	Benzo(a)pyrene	173	173	ug/kg	U
205-99-2	Benzo(b)fluoranthene	173	173	ug/kg	U
191-24-2	Benzo(g,h,i)perylene	173	173	ug/kg	U



Semivolatile Compounds - EPA 8270C

Sample: 0806007-11

Client Sample ID: SB-02 (39-41')

Collected: 06/10/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
207-08-9	Benzo(k)fluoranthene	173	173	ug/kg	U
85-68-7	Butyl benzyl phthalate	173	173	ug/kg	U
218-01-9	Chrysene	173	173	ug/kg	U
84-74-2	Di-n-butyl phthalate	1040	1040	ug/kg	U
117-84-0	Di-n-octyl phthalate	173	173	ug/kg	U
53-70-3	Dibenz(a,h)anthracene	173	173	ug/kg	U
132-64-9	Dibenzofuran	173	173	ug/kg	U
84-66-2	Diethyl phthalate	173	173	ug/kg	U
131-11-3	Dimethyl phthalate	173	173	ug/kg	U
206-44-0	Fluoranthene	173	173	ug/kg	U
86-73-7	Fluorene	173	173	ug/kg	U
118-74-1	Hexachlorobenzene	173	173	ug/kg	U
87-68-3	Hexachlorobutadiene	173	173	ug/kg	U
77-47-4	Hexachlorocyclopentadiene	208	208	ug/kg	U
67-72-1	Hexachloroethane	173	173	ug/kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	173	173	ug/kg	U
78-59-1	Isophorone	173	173	ug/kg	U
621-64-7	N-Nitrosodi-n-propylamine	173	173	ug/kg	U
86-30-6	N-Nitrosodiphenylamine	173	173	ug/kg	U
91-20-3	Naphthalene	173	173	ug/kg	U
98-95-3	Nitrobenzene	173	173	ug/kg	U
87-86-5	Pentachlorophenol	173	173	ug/kg	U
85-01-8	Phenanthrene	173	173	ug/kg	U
108-95-2	Phenol	173	173	ug/kg	U
129-00-0	Pyrene	173	173	ug/kg	U
111-91-1	bis(2-Chloroethoxy)methane	173	173	ug/kg	U
111-44-4	bis(2-Chloroethyl)ether	173	173	ug/kg	U
108-60-1	bis(2-Chloroisopropyl)ether	173	173	ug/kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	1040	1040	ug/kg	U



Semivolatile Compounds - EPA 8270C

Sample: 0806007-12

Client Sample ID: SB-04 (38-40')

Collected: 06/10/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
120-82-1	1,2,4-Trichlorobenzene	173	173	ug/kg	U
95-50-1	1,2-Dichlorobenzene	173	173	ug/kg	U
541-73-1	1,3-Dichlorobenzene	173	173	ug/kg	U
106-46-7	1,4-Dichlorobenzene	173	173	ug/kg	U
95-95-4	2,4,5-Trichlorophenol	173	173	ug/kg	U
88-06-2	2,4,6-Trichlorophenol	173	173	ug/kg	U
120-83-2	2,4-Dichlorophenol	173	173	ug/kg	U
105-67-9	2,4-Dimethylphenol	173	173	ug/kg	U
51-28-5	2,4-Dinitrophenol	173	173	ug/kg	U
121-14-2	2,4-Dinitrotoluene	173	173	ug/kg	U
606-20-2	2,6-Dinitrotoluene	173	173	ug/kg	U
91-58-7	2-Chloronaphthalene	173	173	ug/kg	U
95-57-8	2-Chlorophenol	173	173	ug/kg	U
91-57-6	2-Methylnaphthalene	173	173	ug/kg	U
95-48-7	2-Methylphenol	173	173	ug/kg	U
88-74-4	2-Nitroaniline	173	173	ug/kg	U
88-75-5	2-Nitrophenol	173	173	ug/kg	U
106-44-5	3+4-Methylphenol	173	173	ug/kg	U
91-94-1	3,3'-Dichlorobenzidine	173	173	ug/kg	U
99-09-2	3-Nitroaniline	173	173	ug/kg	U
534-52-1	4,6-Dinitro-2-methylphenol	173	173	ug/kg	U
101-55-3	4-Bromophenyl phenyl ether	173	173	ug/kg	U
59-50-7	4-Chloro-3-methylphenol	173	173	ug/kg	U
106-47-8	4-Chloroaniline	173	173	ug/kg	U
7005-72-3	4-Chlorophenyl phenyl ether	173	173	ug/kg	U
100-01-6	4-Nitroaniline	173	173	ug/kg	U
100-02-7	4-Nitrophenol	173	173	ug/kg	U
83-32-9	Acenaphthene	173	173	ug/kg	U
208-96-8	Acenaphthylene	173	173	ug/kg	U
120-12-7	Anthracene	173	173	ug/kg	U
56-55-3	Benzo(a)anthracene	173	173	ug/kg	U
50-32-8	Benzo(a)pyrene	173	173	ug/kg	U
205-99-2	Benzo(b)fluoranthene	173	173	ug/kg	U
191-24-2	Benzo(g,h,i)perylene	173	173	ug/kg	U



Semivolatile Compounds - EPA 8270C

Sample: 0806007-12

Client Sample ID: SB-04 (38-40')

Collected: 06/10/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
207-08-9	Benzo(k)fluoranthene	173	173	ug/kg	U
85-68-7	Butyl benzyl phthalate	173	173	ug/kg	U
218-01-9	Chrysene	173	173	ug/kg	U
84-74-2	Di-n-butyl phthalate	1040	1040	ug/kg	U
117-84-0	Di-n-octyl phthalate	173	173	ug/kg	U
53-70-3	Dibenz(a,h)anthracene	173	173	ug/kg	U
132-64-9	Dibenzofuran	173	173	ug/kg	U
84-66-2	Diethyl phthalate	173	173	ug/kg	U
131-11-3	Dimethyl phthalate	173	173	ug/kg	U
206-44-0	Fluoranthene	173	173	ug/kg	U
86-73-7	Fluorene	173	173	ug/kg	U
118-74-1	Hexachlorobenzene	173	173	ug/kg	U
87-68-3	Hexachlorobutadiene	173	173	ug/kg	U
77-47-4	Hexachlorocyclopentadiene	208	208	ug/kg	U
67-72-1	Hexachloroethane	173	173	ug/kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	173	173	ug/kg	U
78-59-1	Isophorone	173	173	ug/kg	U
621-64-7	N-Nitrosodi-n-propylamine	173	173	ug/kg	U
86-30-6	N-Nitrosodiphenylamine	173	173	ug/kg	U
91-20-3	Naphthalene	173	173	ug/kg	U
98-95-3	Nitrobenzene	173	173	ug/kg	U
87-86-5	Pentachlorophenol	173	173	ug/kg	U
85-01-8	Phenanthrene	173	173	ug/kg	U
108-95-2	Phenol	173	173	ug/kg	U
129-00-0	Pyrene	173	173	ug/kg	U
111-91-1	bis(2-Chloroethoxy)methane	173	173	ug/kg	U
111-44-4	bis(2-Chloroethyl)ether	173	173	ug/kg	U
108-60-1	bis(2-Chloroisopropyl)ether	173	173	ug/kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	1040	1040	ug/kg	U



Semivolatile Compounds - EPA 8270C

Sample: 0806007-13

Client Sample ID: SB-01 (38-40')

Collected: 06/10/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
120-82-1	1,2,4-Trichlorobenzene	173	173	ug/kg	U
95-50-1	1,2-Dichlorobenzene	173	173	ug/kg	U
541-73-1	1,3-Dichlorobenzene	173	173	ug/kg	U
106-46-7	1,4-Dichlorobenzene	173	173	ug/kg	U
95-95-4	2,4,5-Trichlorophenol	173	173	ug/kg	U
88-06-2	2,4,6-Trichlorophenol	173	173	ug/kg	U
120-83-2	2,4-Dichlorophenol	173	173	ug/kg	U
105-67-9	2,4-Dimethylphenol	173	173	ug/kg	U
51-28-5	2,4-Dinitrophenol	173	173	ug/kg	U
121-14-2	2,4-Dinitrotoluene	173	173	ug/kg	U
606-20-2	2,6-Dinitrotoluene	173	173	ug/kg	U
91-58-7	2-Chloronaphthalene	173	173	ug/kg	U
95-57-8	2-Chlorophenol	173	173	ug/kg	U
91-57-6	2-Methylnaphthalene	173	173	ug/kg	U
95-48-7	2-Methylphenol	173	173	ug/kg	U
88-74-4	2-Nitroaniline	173	173	ug/kg	U
88-75-5	2-Nitrophenol	173	173	ug/kg	U
106-44-5	3+4-Methylphenol	173	173	ug/kg	U
91-94-1	3,3'-Dichlorobenzidine	173	173	ug/kg	U
99-09-2	3-Nitroaniline	173	173	ug/kg	U
534-52-1	4,6-Dinitro-2-methylphenol	173	173	ug/kg	U
101-55-3	4-Bromophenyl phenyl ether	173	173	ug/kg	U
59-50-7	4-Chloro-3-methylphenol	173	173	ug/kg	U
106-47-8	4-Chloroaniline	173	173	ug/kg	U
7005-72-3	4-Chlorophenyl phenyl ether	173	173	ug/kg	U
100-01-6	4-Nitroaniline	173	173	ug/kg	U
100-02-7	4-Nitrophenol	173	173	ug/kg	U
83-32-9	Acenaphthene	173	173	ug/kg	U
208-96-8	Acenaphthylene	173	173	ug/kg	U
120-12-7	Anthracene	173	173	ug/kg	U
56-55-3	Benzo(a)anthracene	173	173	ug/kg	U
50-32-8	Benzo(a)pyrene	173	173	ug/kg	U
205-99-2	Benzo(b)fluoranthene	173	173	ug/kg	U
191-24-2	Benzo(g,h,i)perylene	173	173	ug/kg	U



Semivolatile Compounds - EPA 8270C

Sample: 0806007-13

Client Sample ID: SB-01 (38-40')

Collected: 06/10/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
207-08-9	Benzo(k)fluoranthene	173	173	ug/kg	U
85-68-7	Butyl benzyl phthalate	173	173	ug/kg	U
218-01-9	Chrysene	173	173	ug/kg	U
84-74-2	Di-n-butyl phthalate	1040	1040	ug/kg	U
117-84-0	Di-n-octyl phthalate	173	173	ug/kg	U
53-70-3	Dibenz(a,h)anthracene	173	173	ug/kg	U
132-64-9	Dibenzofuran	173	173	ug/kg	U
84-66-2	Diethyl phthalate	173	173	ug/kg	U
131-11-3	Dimethyl phthalate	173	173	ug/kg	U
206-44-0	Fluoranthene	173	173	ug/kg	U
86-73-7	Fluorene	173	173	ug/kg	U
118-74-1	Hexachlorobenzene	173	173	ug/kg	U
87-68-3	Hexachlorobutadiene	173	173	ug/kg	U
77-47-4	Hexachlorocyclopentadiene	208	208	ug/kg	U
67-72-1	Hexachloroethane	173	173	ug/kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	173	173	ug/kg	U
78-59-1	Isophorone	173	173	ug/kg	U
621-64-7	N-Nitrosodi-n-propylamine	173	173	ug/kg	U
86-30-6	N-Nitrosodiphenylamine	173	173	ug/kg	U
91-20-3	Naphthalene	173	173	ug/kg	U
98-95-3	Nitrobenzene	173	173	ug/kg	U
87-86-5	Pentachlorophenol	173	173	ug/kg	U
85-01-8	Phenanthrene	173	173	ug/kg	U
108-95-2	Phenol	173	173	ug/kg	U
129-00-0	Pyrene	173	173	ug/kg	U
111-91-1	bis(2-Chloroethoxy)methane	173	173	ug/kg	U
111-44-4	bis(2-Chloroethyl)ether	173	173	ug/kg	U
108-60-1	bis(2-Chloroisopropyl)ether	173	173	ug/kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	1040	1040	ug/kg	U



Semivolatile Compounds - EPA 8270C

Sample: 0806007-14

Client Sample ID: GW-01

Collected: 06/10/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Liquid

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
120-82-1	1,2,4-Trichlorobenzene	5.00	5.00	ug/L	U
95-50-1	1,2-Dichlorobenzene	5.00	5.00	ug/L	U
541-73-1	1,3-Dichlorobenzene	5.00	5.00	ug/L	U
106-46-7	1,4-Dichlorobenzene	5.00	5.00	ug/L	U
95-95-4	2,4,5-Trichlorophenol	5.00	5.00	ug/L	U
88-06-2	2,4,6-Trichlorophenol	5.00	5.00	ug/L	U
120-83-2	2,4-Dichlorophenol	5.00	5.00	ug/L	U
105-67-9	2,4-Dimethylphenol	5.00	5.00	ug/L	U
51-28-5	2,4-Dinitrophenol	5.00	5.00	ug/L	U
121-14-2	2,4-Dinitrotoluene	5.00	5.00	ug/L	U
606-20-2	2,6-Dinitrotoluene	5.00	5.00	ug/L	U
91-58-7	2-Chloronaphthalene	5.00	5.00	ug/L	U
95-57-8	2-Chlorophenol	5.00	5.00	ug/L	U
91-57-6	2-Methylnaphthalene	5.00	5.00	ug/L	U
95-48-7	2-Methylphenol	5.00	5.00	ug/L	U
88-74-4	2-Nitroaniline	5.00	5.00	ug/L	U
88-75-5	2-Nitrophenol	5.00	5.00	ug/L	U
106-44-5	3+4-Methylphenol	3.00	3.00	ug/L	U
91-94-1	3,3'-Dichlorobenzidine	5.00	5.00	ug/L	U
99-09-2	3-Nitroaniline	5.00	5.00	ug/L	U
534-52-1	4,6-Dinitro-2-methylphenol	5.00	5.00	ug/L	U
101-55-3	4-Bromophenyl phenyl ether	5.00	5.00	ug/L	U
59-50-7	4-Chloro-3-methylphenol	5.00	5.00	ug/L	U
106-47-8	4-Chloroaniline	5.00	5.00	ug/L	U
7005-72-3	4-Chlorophenyl phenyl ether	5.00	5.00	ug/L	U
100-01-6	4-Nitroaniline	5.00	5.00	ug/L	U
100-02-7	4-Nitrophenol	5.00	5.00	ug/L	U
83-32-9	Acenaphthene	5.00	5.00	ug/L	U
208-96-8	Acenaphthylene	5.00	5.00	ug/L	U
120-12-7	Anthracene	5.00	5.00	ug/L	U
56-55-3	Benzo(a)anthracene	5.00	5.00	ug/L	U
50-32-8	Benzo(a)pyrene	5.00	5.00	ug/L	U
205-99-2	Benzo(b)fluoranthene	5.00	5.00	ug/L	U
191-24-2	Benzo(g,h,i)perylene	5.00	5.00	ug/L	U



Semivolatile Compounds - EPA 8270C

Sample: 0806007-14

Client Sample ID: GW-01

Collected: 06/10/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Liquid

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
207-08-9	Benzo(k)fluoranthene	5.00	5.00	ug/L	U
85-68-7	Butyl benzyl phthalate	5.00	5.00	ug/L	U
218-01-9	Chrysene	5.00	5.00	ug/L	U
84-74-2	Di-n-butyl phthalate	50.0	50.0	ug/L	U
117-84-0	Di-n-octyl phthalate	5.00	5.00	ug/L	U
53-70-3	Dibenz(a,h)anthracene	5.00	5.00	ug/L	U
132-64-9	Dibenzofuran	5.00	5.00	ug/L	U
84-66-2	Diethyl phthalate	5.00	5.00	ug/L	U
131-11-3	Dimethyl phthalate	5.00	5.00	ug/L	U
206-44-0	Fluoranthene	5.00	5.00	ug/L	U
86-73-7	Fluorene	5.00	5.00	ug/L	U
118-74-1	Hexachlorobenzene	5.00	5.00	ug/L	U
87-68-3	Hexachlorobutadiene	5.00	5.00	ug/L	U
77-47-4	Hexachlorocyclopentadiene	5.00	5.00	ug/L	U
67-72-1	Hexachloroethane	5.00	5.00	ug/L	U
193-39-5	Indeno(1,2,3-cd)pyrene	5.00	5.00	ug/L	U
78-59-1	Isophorone	5.00	5.00	ug/L	U
621-64-7	N-Nitrosodi-n-propylamine	5.00	5.00	ug/L	U
86-30-6	N-Nitrosodiphenylamine	5.00	5.00	ug/L	U
91-20-3	Naphthalene	5.00	5.00	ug/L	U
98-95-3	Nitrobenzene	5.00	5.00	ug/L	U
87-86-5	Pentachlorophenol	5.00	5.00	ug/L	U
85-01-8	Phenanthrene	5.00	5.00	ug/L	U
108-95-2	Phenol	5.00	5.00	ug/L	U
129-00-0	Pyrene	5.00	5.00	ug/L	U
111-91-1	bis(2-Chloroethoxy)methane	5.00	5.00	ug/L	U
111-44-4	bis(2-Chloroethyl)ether	5.00	5.00	ug/L	U
108-60-1	bis(2-Chloroisopropyl)ether	5.00	5.00	ug/L	U
117-81-7	bis(2-Ethylhexyl)phthalate	5.00	5.00	ug/L	U



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06/19/2008

PCB Aroclors by SW846 8082/EPA 608

Sample: 0806007-1

Client Sample ID: SB-01 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
12674-11-2	PCB 1016	193	193	ug/kg	U
11104-28-2	PCB 1221	193	193	ug/kg	U
11141-16-5	PCB 1232	193	193	ug/kg	U
53469-21-9	PCB 1242	193	193	ug/kg	U
12672-29-6	PCB 1248	193	193	ug/kg	U
11097-69-1	PCB 1254	193	193	ug/kg	U
11096-82-5	PCB 1260	193	193	ug/kg	U

Sample: 0806007-2

Client Sample ID: SB-04 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
12674-11-2	PCB 1016	224	224	ug/kg	U
11104-28-2	PCB 1221	224	224	ug/kg	U
11141-16-5	PCB 1232	224	224	ug/kg	U
53469-21-9	PCB 1242	224	224	ug/kg	U
12672-29-6	PCB 1248	224	224	ug/kg	U
11097-69-1	PCB 1254	224	224	ug/kg	U
11096-82-5	PCB 1260	224	224	ug/kg	U



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06/19/2008

PCB Aroclors by SW846 8082/EPA 608

Sample: 0806007-3

Client Sample ID: SB-05 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
12674-11-2	PCB 1016	193	193	ug/kg	U
11104-28-2	PCB 1221	193	193	ug/kg	U
11141-16-5	PCB 1232	193	193	ug/kg	U
53469-21-9	PCB 1242	193	193	ug/kg	U
12672-29-6	PCB 1248	193	193	ug/kg	U
11097-69-1	PCB 1254	193	193	ug/kg	U
11096-82-5	PCB 1260	193	193	ug/kg	U

Sample: 0806007-4

Client Sample ID: SB-02 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
12674-11-2	PCB 1016	176	176	ug/kg	U
11104-28-2	PCB 1221	176	176	ug/kg	U
11141-16-5	PCB 1232	176	176	ug/kg	U
53469-21-9	PCB 1242	176	176	ug/kg	U
12672-29-6	PCB 1248	176	176	ug/kg	U
11097-69-1	PCB 1254	176	176	ug/kg	U
11096-82-5	PCB 1260	176	176	ug/kg	U



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PCB Aroclors by SW846 8082/EPA 608

Sample: 0806007-5

Client Sample ID: SB-03 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
12674-11-2	PCB 1016	191	191	ug/kg	U
11104-28-2	PCB 1221	191	191	ug/kg	U
11141-16-5	PCB 1232	191	191	ug/kg	U
53469-21-9	PCB 1242	191	191	ug/kg	U
12672-29-6	PCB 1248	191	191	ug/kg	U
11097-69-1	PCB 1254	191	191	ug/kg	U
11096-82-5	PCB 1260	191	191	ug/kg	U

Sample: 0806007-6

Client Sample ID: SB-06 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
12674-11-2	PCB 1016	189	189	ug/kg	U
11104-28-2	PCB 1221	189	189	ug/kg	U
11141-16-5	PCB 1232	189	189	ug/kg	U
53469-21-9	PCB 1242	189	189	ug/kg	U
12672-29-6	PCB 1248	189	189	ug/kg	U
11097-69-1	PCB 1254	189	189	ug/kg	U
11096-82-5	PCB 1260	189	189	ug/kg	U



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PCB Aroclors by SW846 8082/EPA 608

Sample: 0806007-7

Client Sample ID: SB-06 (38-40')

Collected: 06/09/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
12674-11-2	PCB 1016	171	171	ug/kg	U
11104-28-2	PCB 1221	171	171	ug/kg	U
11141-16-5	PCB 1232	171	171	ug/kg	U
53469-21-9	PCB 1242	171	171	ug/kg	U
12672-29-6	PCB 1248	171	171	ug/kg	U
11097-69-1	PCB 1254	171	171	ug/kg	U
11096-82-5	PCB 1260	171	171	ug/kg	U

Sample: 0806007-8

Client Sample ID: GW-06

Collected: 06/09/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Liquid

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
12674-11-2	PCB 1016	50.0	50.0	ug/L	U
11104-28-2	PCB 1221	50.0	50.0	ug/L	U
11141-16-5	PCB 1232	50.0	50.0	ug/L	U
53469-21-9	PCB 1242	50.0	50.0	ug/L	U
12672-29-6	PCB 1248	50.0	50.0	ug/L	U
11097-69-1	PCB 1254	50.0	50.0	ug/L	U
11096-82-5	PCB 1260	50.0	50.0	ug/L	U



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PCB Aroclors by SW846 8082/EPA 608

Sample: 0806007-9

Client Sample ID: SB-03 (38-40')

Collected: 06/09/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
12674-11-2	PCB 1016	173	173	ug/kg	U
11104-28-2	PCB 1221	173	173	ug/kg	U
11141-16-5	PCB 1232	173	173	ug/kg	U
53469-21-9	PCB 1242	173	173	ug/kg	U
12672-29-6	PCB 1248	173	173	ug/kg	U
11097-69-1	PCB 1254	173	173	ug/kg	U
11096-82-5	PCB 1260	173	173	ug/kg	U

Sample: 0806007-10

Client Sample ID: SB-05 (38-40')

Collected: 06/09/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
12674-11-2	PCB 1016	174	174	ug/kg	U
11104-28-2	PCB 1221	174	174	ug/kg	U
11141-16-5	PCB 1232	174	174	ug/kg	U
53469-21-9	PCB 1242	174	174	ug/kg	U
12672-29-6	PCB 1248	174	174	ug/kg	U
11097-69-1	PCB 1254	174	174	ug/kg	U
11096-82-5	PCB 1260	174	174	ug/kg	U



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PCB Aroclors by SW846 8082/EPA 608

Sample: 0806007-11

Client Sample ID: SB-02 (39-41')

Collected: 06/10/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
12674-11-2	PCB 1016	173	173	ug/kg	U
11104-28-2	PCB 1221	173	173	ug/kg	U
11141-16-5	PCB 1232	173	173	ug/kg	U
53469-21-9	PCB 1242	173	173	ug/kg	U
12672-29-6	PCB 1248	173	173	ug/kg	U
11097-69-1	PCB 1254	173	173	ug/kg	U
11096-82-5	PCB 1260	173	173	ug/kg	U

Sample: 0806007-12

Client Sample ID: SB-04 (38-40')

Collected: 06/10/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
12674-11-2	PCB 1016	173	173	ug/kg	U
11104-28-2	PCB 1221	173	173	ug/kg	U
11141-16-5	PCB 1232	173	173	ug/kg	U
53469-21-9	PCB 1242	173	173	ug/kg	U
12672-29-6	PCB 1248	173	173	ug/kg	U
11097-69-1	PCB 1254	173	173	ug/kg	U
11096-82-5	PCB 1260	173	173	ug/kg	U



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PCB Aroclors by SW846 8082/EPA 608

Sample: 0806007-13

Client Sample ID: SB-01 (38-40')

Collected: 06/10/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
12674-11-2	PCB 1016	173	173	ug/kg	U
11104-28-2	PCB 1221	173	173	ug/kg	U
11141-16-5	PCB 1232	173	173	ug/kg	U
53469-21-9	PCB 1242	173	173	ug/kg	U
12672-29-6	PCB 1248	173	173	ug/kg	U
11097-69-1	PCB 1254	173	173	ug/kg	U
11096-82-5	PCB 1260	173	173	ug/kg	U

Sample: 0806007-14

Client Sample ID: GW-01

Collected: 06/10/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Liquid

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
12674-11-2	PCB 1016	50.0	50.0	ug/L	U
11104-28-2	PCB 1221	50.0	50.0	ug/L	U
11141-16-5	PCB 1232	50.0	50.0	ug/L	U
53469-21-9	PCB 1242	50.0	50.0	ug/L	U
12672-29-6	PCB 1248	50.0	50.0	ug/L	U
11097-69-1	PCB 1254	50.0	50.0	ug/L	U
11096-82-5	PCB 1260	50.0	50.0	ug/L	U



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06/19/2008

Metals by Method SW846 6010/EPA 200.7

Sample: 0806007-1

Client Sample ID: SB-01 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/17/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7440-36-0	Antimony	1.10	1.10	mg/kg	U
7440-02-0	Nickel	1.10	10.0	mg/kg	
7429-90-5	Aluminum	1.10	4900	mg/kg	
7440-38-2	Arsenic	1.10	4.90	mg/kg	
7440-39-3	Barium	0.50	110	mg/kg	
7440-41-7	Beryllium	0.10	0.10	mg/kg	U
7440-43-9	Cadmium	0.50	0.50	mg/kg	U
7440-70-2	Calcium	21.7	20000	mg/kg	
7440-47-3	Chromium	0.50	11.0	mg/kg	
7440-48-4	Cobalt	0.50	4.70	mg/kg	
7440-50-8	Copper	1.10	20.0	mg/kg	
7439-89-6	Iron	1.10	13000	mg/kg	
7439-92-1	Lead	0.50	460	mg/kg	
7439-95-4	Magnesium	0.50	8000	mg/kg	
7439-96-5	Manganese	1.10	230	mg/kg	
7440-09-7	Potassium	109	740	mg/kg	
7782-49-2	Selenium	1.10	1.10	mg/kg	U
7440-22-4	Silver	0.50	1.80	mg/kg	
7440-23-5	Sodium	109	370	mg/kg	
7440-28-0	Thallium	1.10	1.10	mg/kg	U
7440-62-2	Vanadium	0.50	14.0	mg/kg	
7440-66-6	Zinc	1.10	180	mg/kg	



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06/19/2008

Metals by Method SW846 6010/EPA 200.7

Sample: 0806007-2

Client Sample ID: SB-04 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/17/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7440-36-0	Antimony	1.20	1.20	mg/kg	U
7440-02-0	Nickel	1.20	11.0	mg/kg	
7429-90-5	Aluminum	1.20	12000	mg/kg	
7440-38-2	Arsenic	1.20	3.80	mg/kg	
7440-39-3	Barium	0.60	98.0	mg/kg	
7440-41-7	Beryllium	0.10	0.10	mg/kg	U
7440-43-9	Cadmium	0.60	0.60	mg/kg	U
7440-70-2	Calcium	24.0	4500	mg/kg	
7440-47-3	Chromium	0.60	15.0	mg/kg	
7440-48-4	Cobalt	0.60	5.20	mg/kg	
7440-50-8	Copper	1.20	14.0	mg/kg	
7439-89-6	Iron	1.20	11000	mg/kg	
7439-92-1	Lead	0.60	130	mg/kg	
7439-95-4	Magnesium	0.60	3200	mg/kg	
7439-96-5	Manganese	1.20	24.0	mg/kg	
7440-09-7	Potassium	119	740	mg/kg	
7782-49-2	Selenium	1.20	1.20	mg/kg	U
7440-22-4	Silver	0.60	0.60	mg/kg	U
7440-23-5	Sodium	119	380	mg/kg	
7440-28-0	Thallium	1.20	1.20	mg/kg	U
7440-62-2	Vanadium	0.60	20.0	mg/kg	
7440-66-6	Zinc	1.20	61.0	mg/kg	



Metals by Method SW846 6010/EPA 200.7

Sample: 0806007-3

Client Sample ID: SB-05 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/17/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7440-36-0	Antimony	1.20	1.20	mg/kg	U
7440-02-0	Nickel	1.20	13.0	mg/kg	
7429-90-5	Aluminum	1.20	9900	mg/kg	
7440-38-2	Arsenic	1.20	5.20	mg/kg	
7440-39-3	Barium	0.60	130	mg/kg	
7440-41-7	Beryllium	0.10	0.10	mg/kg	U
7440-43-9	Cadmium	0.60	0.60	mg/kg	U
7440-70-2	Calcium	24.0	7100	mg/kg	
7440-47-3	Chromium	0.60	15.0	mg/kg	
7440-48-4	Cobalt	0.60	5.10	mg/kg	
7440-50-8	Copper	1.20	79.0	mg/kg	
7439-89-6	Iron	1.20	11000	mg/kg	
7439-92-1	Lead	0.60	380	mg/kg	
7439-95-4	Magnesium	0.60	2900	mg/kg	
7439-96-5	Manganese	1.20	320	mg/kg	
7440-09-7	Potassium	119	690	mg/kg	
7782-49-2	Selenium	1.20	1.20	mg/kg	U
7440-22-4	Silver	0.60	0.60	mg/kg	U
7440-23-5	Sodium	119	310	mg/kg	
7440-28-0	Thallium	1.20	1.20	mg/kg	U
7440-62-2	Vanadium	0.60	27.0	mg/kg	
7440-66-6	Zinc	1.20	230	mg/kg	



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Metals by Method SW846 6010/EPA 200.7

Sample: 0806007-4

Client Sample ID: SB-02 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/17/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7440-36-0	Antimony	1.10	1.10	mg/kg	U
7440-02-0	Nickel	1.10	8.70	mg/kg	
7429-90-5	Aluminum	1.10	3700	mg/kg	
7440-38-2	Arsenic	1.10	3.40	mg/kg	
7440-39-3	Barium	0.50	130	mg/kg	
7440-41-7	Beryllium	0.10	0.10	mg/kg	U
7440-43-9	Cadmium	0.50	0.50	mg/kg	U
7440-70-2	Calcium	21.0	18000	mg/kg	
7440-47-3	Chromium	0.50	8.90	mg/kg	
7440-48-4	Cobalt	0.50	3.20	mg/kg	
7440-50-8	Copper	1.10	26.0	mg/kg	
7439-89-6	Iron	1.10	8200	mg/kg	
7439-92-1	Lead	0.50	360	mg/kg	
7439-95-4	Magnesium	0.50	9100	mg/kg	
7439-96-5	Manganese	1.10	190	mg/kg	
7440-09-7	Potassium	106	620	mg/kg	
7782-49-2	Selenium	1.10	1.10	mg/kg	U
7440-22-4	Silver	0.50	0.50	mg/kg	U
7440-23-5	Sodium	106	190	mg/kg	
7440-28-0	Thallium	1.10	1.10	mg/kg	U
7440-62-2	Vanadium	0.50	18.0	mg/kg	
7440-66-6	Zinc	1.10	130	mg/kg	



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Metals by Method SW846 6010/EPA 200.7

Sample: 0806007-5

Client Sample ID: SB-03 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/17/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7440-36-0	Antimony	1.20	1.20	mg/kg	U
7440-02-0	Nickel	1.20	13.0	mg/kg	
7429-90-5	Aluminum	1.20	12000	mg/kg	
7440-38-2	Arsenic	1.20	4.60	mg/kg	
7440-39-3	Barium	0.60	110	mg/kg	
7440-41-7	Beryllium	0.10	0.10	mg/kg	U
7440-43-9	Cadmium	0.60	0.60	mg/kg	U
7440-70-2	Calcium	24.0	2900	mg/kg	
7440-47-3	Chromium	0.60	15.0	mg/kg	
7440-48-4	Cobalt	0.60	7.80	mg/kg	
7440-50-8	Copper	1.20	38.0	mg/kg	
7439-89-6	Iron	1.20	12000	mg/kg	
7439-92-1	Lead	0.60	380	mg/kg	
7439-95-4	Magnesium	0.60	2100	mg/kg	
7439-96-5	Manganese	1.20	520	mg/kg	
7440-09-7	Potassium	118	660	mg/kg	
7782-49-2	Selenium	1.20	1.20	mg/kg	U
7440-22-4	Silver	0.60	0.60	mg/kg	U
7440-23-5	Sodium	118	160	mg/kg	
7440-28-0	Thallium	1.20	1.20	mg/kg	U
7440-62-2	Vanadium	0.60	20.0	mg/kg	
7440-66-6	Zinc	1.20	82.0	mg/kg	



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NYS Lab ID # 11866

06/19/2008

Metals by Method SW846 6010/EPA 200.7

Sample: 0806007-6

Client Sample ID: SB-06 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/17/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7440-36-0	Antimony	1.20	1.20	mg/kg	U
7440-02-0	Nickel	1.20	11.0	mg/kg	
7429-90-5	Aluminum	1.20	10000	mg/kg	
7440-38-2	Arsenic	1.20	4.20	mg/kg	
7440-39-3	Barium	0.60	120	mg/kg	
7440-41-7	Beryllium	0.10	0.10	mg/kg	U
7440-43-9	Cadmium	0.60	0.60	mg/kg	U
7440-70-2	Calcium	23.0	3600	mg/kg	
7440-47-3	Chromium	0.60	15.0	mg/kg	
7440-48-4	Cobalt	0.60	4.70	mg/kg	
7440-50-8	Copper	1.20	49.0	mg/kg	
7439-89-6	Iron	1.20	11000	mg/kg	
7439-92-1	Lead	0.60	170	mg/kg	
7439-95-4	Magnesium	0.60	2100	mg/kg	
7439-96-5	Manganese	1.20	310	mg/kg	
7440-09-7	Potassium	116	620	mg/kg	
7782-49-2	Selenium	1.20	1.20	mg/kg	U
7440-22-4	Silver	0.60	0.60	mg/kg	U
7440-23-5	Sodium	116	160	mg/kg	
7440-28-0	Thallium	1.20	1.20	mg/kg	U
7440-62-2	Vanadium	0.60	22.0	mg/kg	
7440-66-6	Zinc	1.20	69.0	mg/kg	



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NYS Lab ID # 11866

06/19/2008

Metals by Method SW846 6010/EPA 200.7

Sample: 0806007-7

Client Sample ID: SB-06 (38-40')

Collected: 06/09/2008 00:00

Analyzed Date: 06/17/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7440-36-0	Antimony	1.00	1.00	mg/kg	U
7440-02-0	Nickel	1.00	11.0	mg/kg	
7429-90-5	Aluminum	1.00	2200	mg/kg	
7440-38-2	Arsenic	1.00	1.00	mg/kg	U
7440-39-3	Barium	0.50	27.0	mg/kg	
7440-41-7	Beryllium	0.10	0.10	mg/kg	U
7440-43-9	Cadmium	0.50	0.50	mg/kg	U
7440-70-2	Calcium	21.0	650	mg/kg	
7440-47-3	Chromium	0.50	6.30	mg/kg	
7440-48-4	Cobalt	0.50	4.50	mg/kg	
7440-50-8	Copper	1.00	4.80	mg/kg	
7439-89-6	Iron	1.00	6100	mg/kg	
7439-92-1	Lead	0.50	2.10	mg/kg	
7439-95-4	Magnesium	0.50	810	mg/kg	
7439-96-5	Manganese	1.00	210	mg/kg	
7440-09-7	Potassium	103	670	mg/kg	
7782-49-2	Selenium	1.00	1.00	mg/kg	U
7440-22-4	Silver	0.50	0.50	mg/kg	U
7440-23-5	Sodium	103	103	mg/kg	U
7440-28-0	Thallium	1.00	1.00	mg/kg	U
7440-62-2	Vanadium	0.50	6.20	mg/kg	
7440-66-6	Zinc	1.00	10.0	mg/kg	



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NYS Lab ID # 11866

06/19/2008

Metals by Method SW846 6010/EPA 200.7

Sample: 0806007-8

Client Sample ID: GW-06

Collected: 06/09/2008 00:00

Analyzed Date: 06/17/2008

Matrix: Liquid

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7440-36-0	Antimony	0.50	4.50	mg/L	
7440-02-0	Nickel	1.00	1.00	mg/L	U
7429-90-5	Aluminum	1.00	10.0	mg/L	
7440-38-2	Arsenic	0.50	0.50	mg/L	U
7440-39-3	Barium	0.50	1.90	mg/L	
7440-41-7	Beryllium	0.10	0.10	mg/L	U
7440-43-9	Cadmium	0.50	0.50	mg/L	U
7440-70-2	Calcium	20.0	1200	mg/L	
7440-47-3	Chromium	0.50	0.50	mg/L	U
7440-48-4	Cobalt	0.50	0.50	mg/L	U
7440-50-8	Copper	1.00	1.00	mg/L	U
7439-89-6	Iron	1.00	37.0	mg/L	
7439-92-1	Lead	0.50	0.50	mg/L	U
7439-95-4	Magnesium	0.50	200	mg/L	
7439-96-5	Manganese	1.00	9.80	mg/L	
7440-09-7	Potassium	100	100	mg/L	U
7782-49-2	Selenium	1.00	1.00	mg/L	U
7440-22-4	Silver	0.50	0.50	mg/L	U
7440-23-5	Sodium	100	1700	mg/L	
7440-28-0	Thallium	0.50	0.50	mg/L	U
7440-62-2	Vanadium	0.50	0.50	mg/L	U
7440-66-6	Zinc	1.00	1.20	mg/L	



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06/19/2008

Metals by Method SW846 6010/EPA 200.7

Sample: 0806007-9

Client Sample ID: SB-03 (38-40')

Collected: 06/09/2008 00:00

Analyzed Date: 06/17/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7440-36-0	Antimony	1.00	1.00	mg/kg	U
7440-02-0	Nickel	1.00	8.10	mg/kg	
7429-90-5	Aluminum	1.00	2000	mg/kg	
7440-38-2	Arsenic	1.00	1.00	mg/kg	U
7440-39-3	Barium	0.50	18.0	mg/kg	
7440-41-7	Beryllium	0.10	0.10	mg/kg	U
7440-43-9	Cadmium	0.50	0.50	mg/kg	U
7440-70-2	Calcium	21.0	530	mg/kg	
7440-47-3	Chromium	0.50	5.00	mg/kg	
7440-48-4	Cobalt	0.50	2.30	mg/kg	
7440-50-8	Copper	1.00	3.80	mg/kg	
7439-89-6	Iron	1.00	5100	mg/kg	
7439-92-1	Lead	0.50	0.50	mg/kg	U
7439-95-4	Magnesium	0.50	750	mg/kg	
7439-96-5	Manganese	1.00	97.0	mg/kg	
7440-09-7	Potassium	104	550	mg/kg	
7782-49-2	Selenium	1.00	1.00	mg/kg	U
7440-22-4	Silver	0.50	0.50	mg/kg	U
7440-23-5	Sodium	104	104	mg/kg	U
7440-28-0	Thallium	1.00	1.00	mg/kg	U
7440-62-2	Vanadium	0.50	5.40	mg/kg	
7440-66-6	Zinc	1.00	9.10	mg/kg	



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06/19/2008

Metals by Method SW846 6010/EPA 200.7

Sample: 0806007-10

Client Sample ID: SB-05 (38-40')

Collected: 06/09/2008 00:00

Analyzed Date: 06/17/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7440-36-0	Antimony	1.10	1.10	mg/kg	U
7440-02-0	Nickel	1.10	19.0	mg/kg	
7429-90-5	Aluminum	1.10	4700	mg/kg	
7440-38-2	Arsenic	1.10	1.10	mg/kg	U
7440-39-3	Barium	0.50	18.0	mg/kg	
7440-41-7	Beryllium	0.10	0.10	mg/kg	U
7440-43-9	Cadmium	0.50	0.50	mg/kg	U
7440-70-2	Calcium	21.0	540	mg/kg	
7440-47-3	Chromium	0.50	17.0	mg/kg	
7440-48-4	Cobalt	0.50	2.80	mg/kg	
7440-50-8	Copper	1.10	6.20	mg/kg	
7439-89-6	Iron	1.10	20000	mg/kg	
7439-92-1	Lead	0.50	1.70	mg/kg	
7439-95-4	Magnesium	0.50	760	mg/kg	
7439-96-5	Manganese	1.10	190	mg/kg	
7440-09-7	Potassium	105	570	mg/kg	
7782-49-2	Selenium	1.10	1.10	mg/kg	U
7440-22-4	Silver	0.50	0.50	mg/kg	U
7440-23-5	Sodium	105	105	mg/kg	U
7440-28-0	Thallium	1.10	1.10	mg/kg	U
7440-62-2	Vanadium	0.50	19.0	mg/kg	
7440-66-6	Zinc	1.10	15.0	mg/kg	



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Metals by Method SW846 6010/EPA 200.7

Sample: 0806007-11

Client Sample ID: SB-02 (39-41')

Collected: 06/10/2008 00:00

Analyzed Date: 06/17/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7440-36-0	Antimony	1.00	1.00	mg/kg	U
7440-02-0	Nickel	1.00	10.0	mg/kg	
7429-90-5	Aluminum	1.00	1900	mg/kg	
7440-38-2	Arsenic	1.00	1.00	mg/kg	U
7440-39-3	Barium	0.50	16.0	mg/kg	
7440-41-7	Beryllium	0.10	0.10	mg/kg	U
7440-43-9	Cadmium	0.50	0.50	mg/kg	U
7440-70-2	Calcium	21.0	500	mg/kg	
7440-47-3	Chromium	0.50	5.20	mg/kg	
7440-48-4	Cobalt	0.50	2.80	mg/kg	
7440-50-8	Copper	1.00	5.00	mg/kg	
7439-89-6	Iron	1.00	6300	mg/kg	
7439-92-1	Lead	0.50	1.70	mg/kg	
7439-95-4	Magnesium	0.50	770	mg/kg	
7439-96-5	Manganese	1.00	200	mg/kg	
7440-09-7	Potassium	104	420	mg/kg	
7782-49-2	Selenium	1.00	1.00	mg/kg	U
7440-22-4	Silver	0.50	0.50	mg/kg	U
7440-23-5	Sodium	104	104	mg/kg	U
7440-28-0	Thallium	1.00	1.00	mg/kg	U
7440-62-2	Vanadium	0.50	4.60	mg/kg	
7440-66-6	Zinc	1.00	10.0	mg/kg	



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Metals by Method SW846 6010/EPA 200.7

Sample: 0806007-12

Client Sample ID: SB-04 (38-40')

Collected: 06/10/2008 00:00

Analyzed Date: 06/17/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7440-36-0	Antimony	1.00	1.00	mg/kg	U
7440-02-0	Nickel	1.00	14.0	mg/kg	
7429-90-5	Aluminum	1.00	2700	mg/kg	
7440-38-2	Arsenic	1.00	1.00	mg/kg	U
7440-39-3	Barium	0.50	18.0	mg/kg	
7440-41-7	Beryllium	0.10	0.10	mg/kg	U
7440-43-9	Cadmium	0.50	0.50	mg/kg	U
7440-70-2	Calcium	21.0	520	mg/kg	
7440-47-3	Chromium	0.50	8.20	mg/kg	
7440-48-4	Cobalt	0.50	2.70	mg/kg	
7440-50-8	Copper	1.00	5.70	mg/kg	
7439-89-6	Iron	1.00	13000	mg/kg	
7439-92-1	Lead	0.50	0.50	mg/kg	U
7439-95-4	Magnesium	0.50	880	mg/kg	
7439-96-5	Manganese	1.00	260	mg/kg	
7440-09-7	Potassium	104	500	mg/kg	
7782-49-2	Selenium	1.00	1.00	mg/kg	U
7440-22-4	Silver	0.50	0.50	mg/kg	U
7440-23-5	Sodium	104	104	mg/kg	U
7440-28-0	Thallium	1.00	1.00	mg/kg	U
7440-62-2	Vanadium	0.50	9.70	mg/kg	
7440-66-6	Zinc	1.00	11.0	mg/kg	



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Metals by Method SW846 6010/EPA 200.7

Sample: 0806007-13

Client Sample ID: SB-01 (38-40')

Collected: 06/10/2008 00:00

Analyzed Date: 06/17/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7440-36-0	Antimony	1.00	1.00	mg/kg	U
7440-02-0	Nickel	1.00	10.0	mg/kg	
7429-90-5	Aluminum	1.00	2100	mg/kg	
7440-38-2	Arsenic	1.00	1.00	mg/kg	U
7440-39-3	Barium	0.50	15.0	mg/kg	
7440-41-7	Beryllium	0.10	0.10	mg/kg	U
7440-43-9	Cadmium	0.50	0.50	mg/kg	U
7440-70-2	Calcium	21.0	470	mg/kg	
7440-47-3	Chromium	0.50	6.10	mg/kg	
7440-48-4	Cobalt	0.50	2.60	mg/kg	
7440-50-8	Copper	1.00	4.50	mg/kg	
7439-89-6	Iron	1.00	6000	mg/kg	
7439-92-1	Lead	0.50	0.50	mg/kg	U
7439-95-4	Magnesium	0.50	980	mg/kg	
7439-96-5	Manganese	1.00	10.0	mg/kg	
7440-09-7	Potassium	104	550	mg/kg	
7782-49-2	Selenium	1.00	1.00	mg/kg	U
7440-22-4	Silver	0.50	0.50	mg/kg	U
7440-23-5	Sodium	104	104	mg/kg	U
7440-28-0	Thallium	1.00	1.00	mg/kg	U
7440-62-2	Vanadium	0.50	6.80	mg/kg	
7440-66-6	Zinc	1.00	10.0	mg/kg	



Metals by Method SW846 6010/EPA 200.7

Sample: 0806007-14

Client Sample ID: GW-01

Collected: 06/10/2008 00:00

Analyzed Date: 06/17/2008

Matrix: Liquid

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7440-36-0	Antimony	0.0050	0.0050	mg/L	U
7440-02-0	Nickel	0.010	0.010	mg/L	U
7429-90-5	Aluminum	0.010	7.30	mg/L	
7440-38-2	Arsenic	0.0050	0.0050	mg/L	U
7440-39-3	Barium	0.0050	0.0050	mg/L	U
7440-41-7	Beryllium	0.0010	0.0010	mg/L	U
7440-43-9	Cadmium	0.0050	0.0050	mg/L	U
7440-70-2	Calcium	0.20	70.0	mg/L	
7440-47-3	Chromium	0.0050	0.0050	mg/L	U
7440-48-4	Cobalt	0.0050	0.0050	mg/L	U
7440-50-8	Copper	0.010	0.010	mg/L	U
7439-89-6	Iron	0.010	25.0	mg/L	
7439-92-1	Lead	0.0050	0.0050	mg/L	U
7439-95-4	Magnesium	0.0050	18.0	mg/L	
7439-96-5	Manganese	0.010	1.10	mg/L	
7440-09-7	Potassium	1.00	8.80	mg/L	
7782-49-2	Selenium	0.010	0.010	mg/L	U
7440-22-4	Silver	0.0050	0.0050	mg/L	U
7440-23-5	Sodium	1.00	10.0	mg/L	
7440-28-0	Thallium	0.0050	0.0050	mg/L	U
7440-62-2	Vanadium	0.0050	0.0050	mg/L	U
7440-66-6	Zinc	0.010	0.010	mg/L	U



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06/19/2008

Mercury by SW846 7470/7471/EPA 245.1

Sample: 0806007-1

Client Sample ID: SB-01 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/17/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7439-97-6	Mercury	0.030	0.84	mg/kg	

Sample: 0806007-2

Client Sample ID: SB-04 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/17/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7439-97-6	Mercury	0.0060	0.17	mg/kg	

Sample: 0806007-3

Client Sample ID: SB-05 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/17/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7439-97-6	Mercury	0.0060	0.39	mg/kg	



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06/19/2008

Mercury by SW846 7470/7471/EPA 245.1

Sample: 0806007-4

Client Sample ID: SB-02 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/17/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7439-97-6	Mercury	0.0050	0.096	mg/kg	

Sample: 0806007-5

Client Sample ID: SB-03 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/17/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7439-97-6	Mercury	0.010	0.26	mg/kg	

Sample: 0806007-6

Client Sample ID: SB-06 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/17/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7439-97-6	Mercury	0.020	0.30	mg/kg	



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Mercury by SW846 7470/7471/EPA 245.1

Sample: 0806007-7

Client Sample ID: SB-06 (38-40')

Collected: 06/09/2008 00:00

Analyzed Date: 06/17/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7439-97-6	Mercury	0.0050	0.0050	mg/kg	U

Sample: 0806007-8

Client Sample ID: GW-06

Collected: 06/09/2008 00:00

Analyzed Date: 06/17/2008

Matrix: Liquid

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7439-97-6	Mercury	0.0010	0.0010	mg/L	U

Sample: 0806007-9

Client Sample ID: SB-03 (38-40')

Collected: 06/09/2008 00:00

Analyzed Date: 06/17/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7439-97-6	Mercury	0.0050	0.0050	mg/kg	U



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NYS Lab ID # 11866

06/19/2008

Mercury by SW846 7470/7471/EPA 245.1

Sample: 0806007-10

Client Sample ID: SB-05 (38-40')

Collected: 06/09/2008 00:00

Analyzed Date: 06/17/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7439-97-6	Mercury	0.0050	0.0050	mg/kg	U

Sample: 0806007-11

Client Sample ID: SB-02 (39-41')

Collected: 06/10/2008 00:00

Analyzed Date: 06/17/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7439-97-6	Mercury	0.0050	0.0050	mg/kg	U

Sample: 0806007-12

Client Sample ID: SB-04 (38-40')

Collected: 06/10/2008 00:00

Analyzed Date: 06/17/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7439-97-6	Mercury	0.0050	0.0050	mg/kg	U



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06/19/2008

Mercury by SW846 7470/7471/EPA 245.1

Sample: 0806007-13

Client Sample ID: SB-01 (38-40')

Collected: 06/10/2008 00:00

Analyzed Date: 06/17/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7439-97-6	Mercury	0.0050	0.0050	mg/kg	U

Sample: 0806007-14

Client Sample ID: GW-01

Collected: 06/10/2008 00:00

Analyzed Date: 06/17/2008

Matrix: Liquid

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7439-97-6	Mercury	0.0010	0.0010	mg/L	U



INORGANIC METHOD QUALIFIERS

- B - Entered if the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL).*
- D - This flag indicates a system monitoring compound diluted out.*
- E - Reported value is estimated because of the presence of interferences.*
- U - Entered when the analyte was analyzed for, but not detected above the Method Detection Limit (MDL) which is less than the lowest calibration standard concentration.*

ORGANIC METHOD QUALIFIERS

- B - The analyte was found in the associated method blank as well as the sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.*
- E - The concentration of the analyte exceeded the calibration range of the instrument.*
- J - Indicates an estimated value. The concentration reported was detected below Practical Quantitation Limit and the Method Detection Limit (MDL).*
- U - The analytical result is not detected above the Method Detection Limit (MDL). All MDL's are lower than the lowest calibration standard concentration.*

OTHER QUALIFIERS

- ND - Not Detected*
- NA - Not Applicable*

Appendix C
Soil Boring Logs



ERM

520 Broad Hollow Road, Suite 210, Melville, NY 11747

BORING LOG

Boring Number

SB-01

Project Name & Location Bluestone Jamaica I, LLC	Project Number 0085523	Date & Time Started: 6/10/2008
Drilling Company Laurel Environmental	Foreman Steve Bitetto	Date & Time Completed: 6/10/2008
Drilling Equipment Geoprobe 76610DT	Method Direct Push	Sampler(s) Sampler Hammer Drop
Bit Size(s) 2 - 1/8inch	Core Barrel(s) 2 - 1/8inch	Elevation & Datum Completion Depth Rock Depth
		Geologist(s) Karen Pickering

DEPTH (ft below grade)	SAMPLES			USCS/ MUNSELL COLOR CHART	SOIL DESCRIPTION
	Sample Number	Recovery (feet)	FID/ PID (ppm)		
0	LOCATION:				SURFACE DESCRIPTION:
					Dark Brown silty sands, some gravel, poorly sorted, moist to dry, no odor.
					Some red brick.
1		H.A.	0.0		
					Same as above.
2		H.A.	0.0		
					Silty clay, some sand. Medium well sorted, brown, no odor, moist, soft.
3		H.A.	0.0		
					Same as above.
4		H.A.	0.0		
					Same as above.
5		H.A.	0.0		
					M. and F. sand, some C. sand and silt, trace gravel. Moderate sorting, moist, brown, no odor.
6		4.0	0.0		
					Same as above.
7			0.0		
					Same as above.
8			0.0		
					Same as above.
9			0.0		



ERM

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Boring Number

SB-01

BORING LOG

DEPTH (ft below grade)	SAMPLES			USCS/ MUNSELL COLOR CHART	SOIL DESCRIPTION
	Sample Number	Recovery (feet)	FID/ PID (ppm)		
9	LOCATION:				SURFACE DESCRIPTION:
			0.0		Same as above.
10					
		5.0	0.0		Same as above.
11					
			0.0		Same as above.
12					
			0.0		Same as above.
13					M. and C. sand, some F. sand and gravel, trace silt, moist, brown, no odor, poorly sorted.
			0.0		Same as above.
14					
			0.0		Same as above.
15					
		4.5	0.0		Same as above.
16					
			0.0		Same as above.
17					
			0.0		Same as above.
18					
			0.0		Same as above.
19					



ERM

520 Broad Hollow Road, Suite 210, Melville, NY 11747

Boring Number

SB-01

BORING LOG

DEPTH (ft below grade)	SAMPLES			USCS/ MUNSELL COLOR CHART	SOIL DESCRIPTION
	Sample Number	Recovery (feet)	FID/ PID (ppm)		
19	LOCATION:				SURFACE DESCRIPTION:
			0.0		Same as above.
20					
		5.0	0.0		Same as above, trace shattered cobble.
21					
			0.0		Same as above.
22					
			0.0		Same as above.
23					
			0.0		Same as above.
24					
			0.0		Same as above.
25					
		4.5	0.0		Same as above, some iron stain banding.
26					
			0.0		Same as above.
27					
			0.0		Same as above.
28					
			0.0		Same as above.
29					



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Boring Number

SB-01

BORING LOG

DEPTH (ft below grade)	SAMPLES			USCS/ MUNSELL COLOR CHART	SOIL DESCRIPTION
	Sample Number	Recovery (feet)	FID/ PID (ppm)		
29	LOCATION:				SURFACE DESCRIPTION:
			0.0		Same as above.
30					
		5.0	0.0		M. and F. sand, some C. sand, trace gravel and silt. Moist, brown, moderate sorted, no odor.
31					
			0.0		Same as above.
32					
			0.0		Same as above.
33					
			0.0		Same as above.
34					
			0.0		Same as above.
35					
		4.5	0.0		Same as above but light brown/tan, moist.
36					
			0.0		Same as above.
37					
			0.0		Same as above.
38					
			0.0		Same as above.
39					



ERM

520 Broad Hollow Road, Suite 210, Melville, NY 11747

BORING LOG

Boring Number

SB-01

DEPTH (ft below grade)	SAMPLES			USCS/ MUNSELL COLOR CHART	SOIL DESCRIPTION
	Sample Number	Recovery (feet)	FID/ PID (ppm)		
39	LOCATION:				SURFACE DESCRIPTION:
			0.0		Same as above.
40					Wet. End of Boring at 40'bgs. Water table = 40'bgs.
41					
42					
43					
44					
45					
46					
47					
48					
49					



ERM

520 Broad Hollow Road, Suite 210, Melville, NY 11747

BORING LOG

Boring Number

SB-02

Project Name & Location Bluestone Jamaica I, LLC		Project Number 0085523	Date & Time Started: 6/10/2008
Drilling Company Laurel Environmental		Foreman Steve Bitetto	Date & Time Completed: 6/10/2008
Drilling Equipment Geoprobe 6610DT		Method Direct Push	Sampler(s) Sampler Hammer Drop
Bit Size(s)		Core Barrel(s) 2 - 1/8inch	Elevation & Datum Completion Depth Rock Depth 45'
			Geologist(s) Karen Pickering

DEPTH (ft below grade)	SAMPLES			USCS/ MUNSELL COLOR CHART	SOIL DESCRIPTION
	Sample Number	Recovery (feet)	FID/ PID (ppm)		
0	LOCATION:				SURFACE DESCRIPTION:
					Brown/Lt. tan, silty sands, some gravel, poorly sorted, no odor, moist.
1		H.A.	0.0		
					Same as above.
2		H.A.	0.0		
					Same as above but with some clay.
3		H.A.	0.0		
					Same as above.
4		H.A.	0.0		
					Same as above.
5		H.A.	0.0		
					M. and F. sand, some silt and C. sand, trace gravel, moderate sorting, dry to moist, no odor, brown.
6		4.0	0.0		
					Same as above.
7			0.0		
					Same as above.
8			0.0		
					Same as above.
9			0.0		



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Boring Number

SB-02

BORING LOG

DEPTH (ft below grade)	SAMPLES			USCS/ MUNSELL COLOR CHART	SOIL DESCRIPTION
	Sample Number	Recovery (feet)	FID/ PID (ppm)		
9	LOCATION:				SURFACE DESCRIPTION:
			0.0		Same as above.
10					
		4.0	0.0		Same as above.
11					
			0.0		Same as above.
12					
			0.0		M. and C. sand, some gravel and F. sand, trace silt, poorly sorted, moist, no odor, brown.
13					
			0.0		Same as above.
14					
			0.0		Same as above.
15					
		5.0	0.0		Same as above.
16					
			0.0		Same as above.
17					
			0.0		Same as above.
18					
			0.0		Same as above.
19					



ERM

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Boring Number

SB-02

BORING LOG

DEPTH (ft below grade)	SAMPLES			USCS/ MUNSELL COLOR CHART	SOIL DESCRIPTION
	Sample Number	Recovery (feet)	FID/ PID (ppm)		
19	LOCATION:				SURFACE DESCRIPTION:
			0.0		Same as above.
20					
		5.0	0.0		M. and C. sand, some F. sand and gravel, trace silt, no odor, moist, brown, poorly sorted.
21					
			0.0		Same as above.
22					
			0.0		Same as above.
23					
			0.0		Same as above.
24					
			0.0		Same as above.
25					
		4.0	0.0		Same as above, some iron stain banding.
26					
			0.0		Same as above.
27					
			0.0		Same as above.
28					
			0.0		Same as above.
29					



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Boring Number

SB-02

BORING LOG

DEPTH (ft below grade)	SAMPLES			USCS/ MUNSELL COLOR CHART	SOIL DESCRIPTION
	Sample Number	Recovery (feet)	FID/ PID (ppm)		
29	LOCATION:				SURFACE DESCRIPTION:
			0.0		Same as above.
30					
		2.5	0.0		M. sand, some C. and F. sand, trace gravel and silt, moderate to well sorted, light brown, moist, no odor, some iron stain banding.
31					
			0.0		Same as above.
32					
			0.0		Same as above.
33					
			0.0		Same as above.
34					
			0.0		Same as above.
35					
		2.5	0.0		Same as above, no iron stain banding.
36					
			0.0		Same as above.
37					
			0.0		Same as above.
38					
			0.0		Same as above.
39					



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BORING LOG

Boring Number

SB-02

DEPTH (ft below grade)	SAMPLES			USCS/ MUNSELL COLOR CHART	SOIL DESCRIPTION
	Sample Number	Recovery (feet)	FID/ PID (ppm)		
39	LOCATION:				SURFACE DESCRIPTION:
			0.0		Same as above.
40					
		2.5	0.0		Same as above, moist.
					Wet. Water table = 40.5'bgs
41					
			0.0		Same as above.
42					
			0.0		Same as above.
43					
			0.0		Same as above.
44					
			0.0		Same as above.
45					End of boring at 45'bgs.
46					
47					
48					
49					



ERM NE

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BORING LOG

Boring Number

SB-03

Project Name & Location Bluestone Jamaica I, LLC		Project Number 0085523	Date & Time Started: 6/9/2008
Drilling Company Laurel Environmental		Foreman Steve Bitetto	Date & Time Completed: 6/9/2008
Drilling Equipment Geoprobe 6610DT		Method Direct Push	Sampler(s) Sampler Hammer Drop
Bit Size(s)		Core Barrel(s) 2 - 1/8inch	Elevation & Datum Completion Depth Rock Depth
			Geologist(s) Karen Pickering

DEPTH (ft below grade)	SAMPLES			USCS/ MUNSELL COLOR CHART	SOIL DESCRIPTION
	Sample Number	Recovery (feet)	FID/ PID (ppm)		
0	LOCATION:				SURFACE DESCRIPTION:
		H.A.	0.0		Brown/Lt. tan, silty sands, some gravel, poorly sorted, no odor, moist.
1		H.A.	0.0		Same as above.
2		H.A.	0.0		Light brown silty clay, some sand, moist, no odor, soft, moderate sorting.
3		H.A.	0.0		Same as above.
4		H.A.	0.0		Same as above.
5		H.A.	0.0		Same as above.
6		4.0	0.0		M. and F. sand, some silt and C. sand, trace gravel, well sorted, moist, no odor, brown.
7			0.0		Same as above.
8			0.0		Same as above.
9			0.0		Same as above.



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BORING LOG

Boring Number

SB-03

DEPTH (ft below grade)	SAMPLES			USCS/ MUNSELL COLOR CHART	SOIL DESCRIPTION
	Sample Number	Recovery (feet)	FID/ PID (ppm)		
9	LOCATION:				SURFACE DESCRIPTION:
			0.0		Same as above.
10					
		5.0	0.0		Same as above.
11					
			0.0		Same as above.
12					
			0.0		M and C. sand, some F. sand and gravel, trace silt, poorly sorted, moist, brown, no odor.
13					
			0.0		Same as above.
14					
			0.0		Same as above.
15					
		4.5	0.0		Same as above.
16					
			0.0		Same as above.
17					
			0.0		Same as above.
18					
			0.0		Same as above.
19					



ERM NE

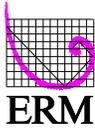
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BORING LOG

Boring Number

SB-03

DEPTH (ft below grade)	SAMPLES			USCS/ MUNSELL COLOR CHART	SOIL DESCRIPTION
	Sample Number	Recovery (feet)	FID/ PID (ppm)		
19	LOCATION:				SURFACE DESCRIPTION:
			0.0		Same as above.
20					
		4.0	0.0		Same as above.
21					
			0.0		Same as above.
22					
			0.0		Same as above.
23					
			0.0		Same as above.
24					
			0.0		Same as above.
25					
		4.0	0.0		Brown, F. and M. sand, some silt and C> sand, trace gravel, moist, moderate to well sorted, no odor.
26					
			0.0		Same as above.
27					
			0.0		Same as above.
28					
			0.0		Same as above.
29					



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BORING LOG

Boring Number

SB-03

DEPTH (ft below grade)	SAMPLES			USCS/ MUNSELL COLOR CHART	SOIL DESCRIPTION
	Sample Number	Recovery (feet)	FID/ PID (ppm)		
29	LOCATION:				SURFACE DESCRIPTION:
			0.0		Same as above.
30					
		5.0	0.0		Silty F. and M. sand, some C. sand, trace gravel, brown, moist, no odor, poor to moderate sorting.
31					
			0.0		Same as above.
32					
			0.0		Same as above.
33					
			0.0		Same as above.
34					
			0.0		Same as above.
35					
		3.0	0.0		Same as above.
36					
			0.0		Same as above.
37					
			0.0		Same as above.
38					
			0.0		Same as above.
39					



ERM NE

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BORING LOG

Boring Number

SB-03

DEPTH (ft below grade)	SAMPLES			USCS/ MUNSELL COLOR CHART	SOIL DESCRIPTION
	Sample Number	Recovery (feet)	FID/ PID (ppm)		
39	LOCATION:				SURFACE DESCRIPTION:
			0.0		Same as above.
40					Wet. Water table = 40'bgs. End of boring at 40'bgs.
41					
42					
43					
44					
45					
46					
47					
48					
49					



ERM NE

520 Broad Hollow Road, Suite 210, Melville, NY 11747

BORING LOG

Boring Number

SB-04

Project Name & Location Bluestone Jamaica I, LLC		Project Number 0085523	Date & Time Started: 6/10/2008
Drilling Company Laurel Environmental		Foreman Steve Bitetto	Date & Time Completed: 6/10/2008
Drilling Equipment Geoprobe 6610DT		Method Direct Push	Sampler(s) Sampler Hammer Drop
Bit Size(s)		Core Barrel(s) 2 - 1/8inch	Elevation & Datum Completion Depth Rock Depth 40'
			Geologist(s) Karen Pickering

DEPTH (ft below grade)	SAMPLES			USCS/ MUNSELL COLOR CHART	SOIL DESCRIPTION
	Sample Number	Recovery (feet)	FID/ PID (ppm)		
0	LOCATION:				SURFACE DESCRIPTION:
		H.A.	0.0		Brown, silty clay, soft, some sand intermixed, moderate sorting, no odor.
1		H.A.	0.0		Same as above.
2		H.A.	0.0		Same as above.
3		H.A.	0.0		Same as above.
4		H.A.	0.0		Same as above.
5		H.A.	0.0		Same as above.
6		5.0	0.0		M. and F. sand, some silt and C. sand, trace gravel, brown, moist, no odor, well sorted.
7			0.0		Same as above.
8			0.0		Same as above.
9			0.0		Same as above.



ERM NE

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BORING LOG

Boring Number

SB-04

DEPTH (ft below grade)	SAMPLES			USCS/ MUNSELL COLOR CHART	SOIL DESCRIPTION
	Sample Number	Recovery (feet)	FID/ PID (ppm)		
9	LOCATION:				SURFACE DESCRIPTION:
			0.0		Same as above.
10					
		5.0	0.0		M. and C. sand some F. sand and gravel, trace silt, moderate to poor sorting, moist, brown, no odor.
11					
			0.0		Same as above.
12					
			0.0		Same as above.
13					
			0.0		Same as above.
14					
			0.0		Same as above.
15					
		5.0	0.0		Same as above.
16					
			0.0		Same as above.
17					
			0.0		Same as above.
18					
			0.0		Same as above.
19					



ERM NE

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BORING LOG

Boring Number

SB-04

DEPTH (ft below grade)	SAMPLES			USCS/ MUNSELL COLOR CHART	SOIL DESCRIPTION
	Sample Number	Recovery (feet)	FID/ PID (ppm)		
19	LOCATION:				SURFACE DESCRIPTION:
			0.0		Same as above.
20					
		5.0	0.0		Same as above.
21					
			0.0		Same as above.
22					
			0.0		Same as above.
23					
			0.0		Same as above.
24					
			0.0		Same as above.
25					
		5.0	0.0		M. and C. sand, some F. sand and gravel, trace silt and fractured cobble, poor to moderate sorting, moist, brown, no odor.
26					
			0.0		Same as above.
27					
			0.0		Same as above.
28					
			0.0		Same as above.
29					



ERM NE

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BORING LOG

Boring Number

SB-04

DEPTH (ft below grade)	SAMPLES			USCS/ MUNSELL COLOR CHART	SOIL DESCRIPTION
	Sample Number	Recovery (feet)	FID/ PID (ppm)		
29	LOCATION:				SURFACE DESCRIPTION:
			0.0		Same as above.
30					Light Brown but same as above.
		5.0	0.0		Same as above, brown to light brown, moist/dry.
31					
			0.0		Same as above.
32					
			0.0		Same as above.
33					
			0.0		Same as above.
34					
			0.0		Same as above.
35					
		3.0	0.0		Same as above, moist, light brown.
36					
			0.0		Same as above.
37					
			0.0		Same as above.
38					
			0.0		Same as above.
39					



ERM NE

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BORING LOG

Boring Number

SB-04

DEPTH (ft below grade)	SAMPLES			USCS/ MUNSELL COLOR CHART	SOIL DESCRIPTION
	Sample Number	Recovery (feet)	FID/ PID (ppm)		
39	LOCATION:				SURFACE DESCRIPTION:
			0.0		Same as above.
40					Wet. Water table = 40'bgs. End of boring at 40'bgs.
41					
42					
43					
44					
45					
46					
47					
48					
49					



ERM NE

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BORING LOG

Boring Number

SB-05

Project Name & Location Bluestone Jamaica I, LLC		Project Number 0085523	Date & Time Started: 6/9/2008
Drilling Company Laurel Environmental		Foreman Steve Bitetto	Date & Time Completed: 6/9/2008
Drilling Equipment Geoprobe 6610DT		Method Direct Push	Sampler(s) Sampler Hammer Drop
Bit Size(s)		Core Barrel(s) 2 - 1/8inch	Elevation & Datum Completion Depth Rock Depth 40'
			Geologist(s) Karen Pickering

DEPTH (ft below grade)	SAMPLES			USCS/ MUNSELL COLOR CHART	SOIL DESCRIPTION
	Sample Number	Recovery (feet)	FID/ PID (ppm)		
0	LOCATION:				SURFACE DESCRIPTION:
					Brown, silty clay, soft, some sand intermixed, moderate sorting, no odor.
1		H.A.	0.0		
					Same as above.
2		H.A.	0.0		
					Same as above.
3		H.A.	0.0		
					Same as above.
4		H.A.	0.0		
					Same as above.
5		H.A.	0.0		
					Same as above.
6		<0.5	0.0		Dry, Light brown, silty sands some gravel, poorly sorted, no odor. sorted.
					Same as above.
7			0.0		
					Same as above.
8			0.0		
					Same as above.
9			0.0		
					Same as above.



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Boring Number

SB-05

BORING LOG

DEPTH (ft below grade)	SAMPLES			USCS/ MUNSELL COLOR CHART	SOIL DESCRIPTION
	Sample Number	Recovery (feet)	FID/ PID (ppm)		
9	LOCATION:				SURFACE DESCRIPTION:
			0.0		Same as above.
10					
		5.0	0.0		F. and M. sand, some silt and C. sand, trace gravel, moist to dry, brown, moderate sorting.
11					
			0.0		Same as above.
12					
			0.0		Same as above.
13					
			0.0		Same as above.
14					
			0.0		Same as above.
15					
		5.0	0.0		Same as above, trace piece of broken red brick.
16					
			0.0		Same as above.
17					
			0.0		Same as above.
18					
			0.0		Same as above.
19					



ERM NE

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BORING LOG

Boring Number

SB-05

DEPTH (ft below grade)	SAMPLES			USCS/ MUNSELL COLOR CHART	SOIL DESCRIPTION
	Sample Number	Recovery (feet)	FID/ PID (ppm)		
19	LOCATION:				SURFACE DESCRIPTION:
			0.0		Same as above.
20					
		2.5	0.0		Silty sands, some gravel, poorly sorted, moist to dry, light brown.
21					
			0.0		Same as above.
22					
			0.0		Same as above.
23					
			0.0		Same as above.
24					
			0.0		Same as above.
25					
		5.0	0.0		Same as above.
26					
			0.0		Same as above.
27					
			0.0		Same as above.
28					
			0.0		Same as above.
29					



ERM NE

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BORING LOG

Boring Number

SB-05

DEPTH (ft below grade)	SAMPLES			USCS/ MUNSELL COLOR CHART	SOIL DESCRIPTION
	Sample Number	Recovery (feet)	FID/ PID (ppm)		
29	LOCATION:				SURFACE DESCRIPTION:
			0.0		Same as above.
30					
		3.0	0.0		M. and F> sand, some silt, trace C. sand and gravel, moist, light brown, well sorted.
31					
			0.0		Same as above.
32					
			0.0		Same as above.
33					
			0.0		Same as above.
34					
			0.0		Same as above.
35					
		3.0	0.0		Same as above.
36					
			0.0		Same as above.
37					
			0.0		Same as above.
38					
			0.0		Same as above.
39					



ERM NE

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BORING LOG

Boring Number

SB-05

DEPTH (ft below grade)	SAMPLES			USCS/ MUNSELL COLOR CHART	SOIL DESCRIPTION
	Sample Number	Recovery (feet)	FID/ PID (ppm)		
39	LOCATION:				SURFACE DESCRIPTION:
			0.0		Same as above.
40					Wet. Water table = 40'bgs. End of boring at 40'bgs.
41					
42					
43					
44					
45					
46					
47					
48					
49					



ERM NE

520 Broad Hollow Road, Suite 210, Melville, NY 11747

BORING LOG

Boring Number

SB-06

Project Name & Location Bluestone Jamaica I, LLC		Project Number 0085523	Date & Time Started: 6/9/2008
Drilling Company Laurel Environmental		Foreman Steve Bitetto	Date & Time Completed: 6/9/2008
Drilling Equipment Geoprobe 6610DT		Method Direct Push	Sampler(s) Sampler Hammer Drop
Bit Size(s)		Core Barrel(s) 2 - 1/8inch	Elevation & Datum Completion Depth Rock Depth 40'
			Geologist(s) Karen Pickering

DEPTH (ft below grade)	SAMPLES			USCS/ MUNSELL COLOR CHART	SOIL DESCRIPTION
	Sample Number	Recovery (feet)	FID/ PID (ppm)		
0	LOCATION:				SURFACE DESCRIPTION:
		H.A.	0.0		Silty sands, some clay and gravel, poorly sorted, moist, soft brown, no odor.
1		H.A.	0.0		Same as above.
2		H.A.	0.0		Same as above.
3		H.A.	0.0		Same as above.
4		H.A.	0.0		Same as above.
5		H.A.	0.0		Same as above.
6		0.5	0.0		Red brock and asphalt pieces, cobble sized, no odor, very little sediment recovered.
7			0.0		Same as above.
8			0.0		Same as above.
9			0.0		Same as above.



ERM NE

520 Broad Hollow Road, Suite 210, Melville, NY 11747

BORING LOG

Boring Number

SB-06

DEPTH (ft below grade)	SAMPLES			USCS/ MUNSELL COLOR CHART	SOIL DESCRIPTION
	Sample Number	Recovery (feet)	FID/ PID (ppm)		
9	LOCATION:				SURFACE DESCRIPTION:
			0.0		Same as above.
10					
		3.0	0.0		M. and F. sand, some silt and C. sand, trace gravel, moist, no odor, brown, moderate sorting.
11					
			0.0		Same as above.
12					
			0.0		Same as above.
13					
			0.0		Same as above.
14					
			0.0		Same as above.
15					
		3.5	0.0		Brown M. sand some F. and C> sand, trace silt and gravel, red brick fragments present near top of macrocore, no odor, moist, moderate sorting.
16					
			0.0		Same as above.
17					
			0.0		Same as above.
18					
			0.0		Same as above.
19					



ERM NE

520 Broad Hollow Road, Suite 210, Melville, NY 11747

BORING LOG

Boring Number

SB-06

DEPTH (ft below grade)	SAMPLES			USCS/ MUNSELL COLOR CHART	SOIL DESCRIPTION
	Sample Number	Recovery (feet)	FID/ PID (ppm)		
19	LOCATION:				SURFACE DESCRIPTION:
			0.0		Same as above.
20					
		3.5	0.0		M. and C. sand, some F. sand, trace silt and gravel, moderate to poorly sorted, moist, no odor, brown, some pieces of broken red brick.
21					
			0.0		Same as above.
22					
			0.0		Same as above.
23					
			0.0		Same as above.
24					
			0.0		Same as above.
25					
		3.0	0.0		Same as above.
26					
			0.0		Same as above.
27					
			0.0		M. sand, some F. and C. sand, trace gravel, moist, no odor, well sorted, light brown.
28					
			0.0		Same as above.
29					



ERM NE

520 Broad Hollow Road, Suite 210, Melville, NY 11747

BORING LOG

Boring Number

SB-06

DEPTH (ft below grade)	SAMPLES			USCS/ MUNSELL COLOR CHART	SOIL DESCRIPTION
	Sample Number	Recovery (feet)	FID/ PID (ppm)		
29	LOCATION:				SURFACE DESCRIPTION:
			0.0		Same as above.
30					
		3.0	0.0		M. sand, dry to moist, light brown, some F. sand, trace C. sand, well sorted, no odor.
31					
			0.0		Same as above.
32					
			0.0		Same as above.
33					
			0.0		Same as above.
34					
			0.0		Same as above.
35					
		3.0	0.0		Light brown, M. and F. sand, trace C. sand, well sorted, no odor, moist.
36					
			0.0		Same as above.
37					
			0.0		Same as above.
38					
			0.0		Same as above.
39					



ERM NE

520 Broad Hollow Road, Suite 210, Melville, NY 11747

BORING LOG

Boring Number

SB-06

DEPTH (ft below grade)	SAMPLES			USCS/ MUNSELL COLOR CHART	SOIL DESCRIPTION
	Sample Number	Recovery (feet)	FID/ PID (ppm)		
39	LOCATION:				SURFACE DESCRIPTION:
			0.0		Same as above.
40					Wet. Water table = 40'bgs. End of boring at 40'bgs.
41					
42					
43					
44					
45					
46					
47					
48					
49					

Tables

Table 1
Groundwater Sampling Results

Table 1
Groundwater Sampling Results
Volatile Organic Compounds (VOCs)
Bluestone Jamaica I, LLC
90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/10/2008 - Inclusive

SAMPLE TYPE: Water

CONSTITUENT	SITE		GW-01	GW-06
	LAB SAMPLE ID	NYSDEC	0806007_14	0806007_8
	DATE	TOGS	06/10/2008	06/09/2008
1,1,1,2-Tetrachloroethane	(ug/l)	5	1 U	1 U
1,1,1-Trichloroethane	(ug/l)	5	1 U	1 U
1,1,2,2-Tetrachloroethane	(ug/l)	5	1 U	1 U
1,1,2-Trichloroethane	(ug/l)	1	1 U	1 U
1,1-Dichloroethane	(ug/l)	5	1 U	1 U
1,1-Dichloroethene	(ug/l)	5	1 U	1 U
1,1-Dichloropropene	(ug/l)	5	1 U	1 U
1,2,3-Trichlorobenzene	(ug/l)	5	1 U	1 U
1,2,3-Trichloropropane	(ug/l)	5	1 U	1 U
1,2,4-Trichlorobenzene	(ug/l)	5	1 U	1 U
1,2,4-Trimethylbenzene	(ug/l)	5	1 U	1 U
1,2-Dibromoethane	(ug/l)	0.0006	1 U	1 U
1,2-Dichlorobenzene	(ug/l)	3	1 U	1 U
1,2-Dichloroethane	(ug/l)	0.6	1 U	1 U
1,2-Dichloropropane	(ug/l)	1	1 U	1 U
1,3,5-Trimethylbenzene	(ug/l)	5	1 U	1 U
1,3-Dichlorobenzene	(ug/l)	3	1 U	1 U
1,3-Dichloropropane	(ug/l)	5	1 U	1 U
1,4-Dichlorobenzene	(ug/l)	3	1 U	1 U
2-Butanone	(ug/l)	50	1 U	1 U
2-Chlorotoluene	(ug/l)	5	1 U	1 U
2-Nitropropane	(ug/l)		1 U	1 U
4-Chlorotoluene	(ug/l)	5	1 U	1 U
4-Methyl-2-Pentanone	(ug/l)		1 U	1 U
Acetone	(ug/l)	50	5 U	5 U
Acrylonitrile	(ug/l)	5	1 U	1 U
Allyl chloride	(ug/l)		1 U	1 U
Benzene	(ug/l)	1	1 U	1 U
Bromobenzene	(ug/l)	5	1 U	1 U
Bromochloromethane	(ug/l)	5	1 U	1 U
Bromodichloromethane	(ug/l)	50	1 U	1 U
Bromoform	(ug/l)	50	1 U	1 U
Bromomethane	(ug/l)	5	1 U	1 U
Carbon Disulfide	(ug/l)	60	1 U	1 U
Carbon Tetrachloride	(ug/l)	5	1 U	1 U
Chlorobenzene	(ug/l)	5	1 U	1 U
Chlorodifluoromethane	(ug/l)	5	5 U	5 U
Chloroethane	(ug/l)	5	1 U	1 U
Chloroform	(ug/l)	7	1 U	1 U
U - Non-detect				

Table 1
Groundwater Sampling Results
Volatile Organic Compounds (VOCs)
Bluestone Jamaica I, LLC
90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/10/2008 - Inclusive

SAMPLE TYPE: Water

CONSTITUENT	SITE		GW-01	GW-06
	LAB SAMPLE ID	NYSDEC	0806007_14	0806007_8
	DATE	TOGS	06/10/2008	06/09/2008
Chloromethane	(ug/l)	5	1 U	1 U
Chloroprene	(ug/l)		1 U	1 U
cis-1,2-Dichloroethene	(ug/l)	5	1 U	1 U
cis-1,3-Dichloropropene	(ug/l)	0.4	1 U	1 U
Dibromochloromethane	(ug/l)	50	1 U	1 U
Dibromomethane	(ug/l)	5	1 U	1 U
Dichlorodifluoromethane	(ug/l)	5	1 U	1 U
Diethyl ether	(ug/l)		1 U	1 U
Ethanol	(ug/l)		25 U	25 U
Ethylbenzene	(ug/l)	5	1 U	1 U
Freon 113	(ug/l)	5	1 U	1 U
Hexachlorobutadiene	(ug/l)	0.5	1 U	1 U
Isopropyl Ether	(ug/l)		1 U	1 U
Isopropylbenzene	(ug/l)	5	1 U	1 U
m+p-Xylene	(ug/l)		1 U	1 U
Methacrylonitrile	(ug/l)		5 U	5 U
Methyl acrylate	(ug/l)		1 U	1 U
Methyl Tertiary Butyl Ether	(ug/l)	10	1 U	1 U
Methylene Chloride	(ug/l)	5	1 U	1 U
Naphthalene	(ug/l)	10	1 U	1.1
n-Butylbenzene	(ug/l)	5	1 U	1 U
n-Propylbenzene	(ug/l)	5	1 U	1 U
o-Xylene	(ug/l)	5	1 U	1 U
p-Isopropyltoluene	(ug/l)	5	1 U	1 U
sec-Butylbenzene	(ug/l)	5	1 U	1 U
Styrene	(ug/l)	5	1 U	1 U
tert-amyl alcohol	(ug/l)		1 U	1 U
tert-Amyl methyl ether	(ug/l)		1 U	1 U
tert-Buthyl ethyl ether	(ug/l)		1 U	1 U
tert-Butylbenzene	(ug/l)	5	1 U	1 U
Tertiary Butyl Alcohol	(ug/l)		1 U	1 U
Tetrachloroethene	(ug/l)	5	1.2	3.5
Toluene	(ug/l)	5	1 U	1 U
trans-1,2-Dichloroethene	(ug/l)	5	1 U	1 U
Trichloroethene	(ug/l)	5	1 U	1 U
Trichlorofluoromethane	(ug/l)	5	1 U	1 U
Vinyl Acetate	(ug/l)		1 U	1 U
Vinyl chloride	(ug/l)	2	1 U	1 U
Sum of Constituents	(ug/l)		1.20	4.60
U - Non-detect				

Table 1
Groundwater Sampling Results
Semivolatile Organic Compounds (SVOCs)
Bluestone Jamaica I, LLC
90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/10/2008 - Inclusive

SAMPLE TYPE: Water

CONSTITUENT	SITE		GW-01	GW-06
	LAB SAMPLE ID	NYSDEC	0806007_14	0806007_8
	DATE	TOGS	06/10/2008	06/09/2008
1,2,4-Trichlorobenzene	(ug/l)	5	5 U	5 U
1,2-Dichlorobenzene	(ug/l)	3	5 U	5 U
1,3-Dichlorobenzene	(ug/l)	3	5 U	5 U
1,4-Dichlorobenzene	(ug/l)	3	5 U	5 U
2,2'-oxybis(1-Chloropropane)	(ug/l)		5 U	5 U
2,4,5-Trichlorophenol	(ug/l)	1	5 U	5 U
2,4,6-Trichlorophenol	(ug/l)	1	5 U	5 U
2,4-Dichlorophenol	(ug/l)	5	5 U	5 U
2,4-Dimethylphenol	(ug/l)	1	5 U	5 U
2,4-Dinitrophenol	(ug/l)	10	5 U	5 U
2,4-Dinitrotoluene	(ug/l)	5	5 U	5 U
2,6-Dinitrotoluene	(ug/l)	5	5 U	5 U
2-Chloronaphthalene	(ug/l)	10	5 U	5 U
2-Chlorophenol	(ug/l)	1	5 U	5 U
2-Methylnaphthalene	(ug/l)		5 U	5 U
3,3-Dichlorobenzidine	(ug/l)	5	5 U	5 U
4,6-Dinitro-o-cresol	(ug/l)	1	5 U	5 U
4-Bromophenyl phenyl ether	(ug/l)		5 U	5 U
4-Chlorophenyl phenyl ether	(ug/l)		5 U	5 U
Acenaphthene	(ug/l)	20	5 U	5 U
Acenaphthylene	(ug/l)		5 U	5 U
Anthracene	(ug/l)	50	5 U	5 U
Benzo(a)anthracene	(ug/l)	0.002	5 U	[59]
Benzo(a)pyrene	(ug/l)	0	5 U	5 U
Benzo(b)fluoranthene	(ug/l)	0.002	5 U	5 U
Benzo(ghi)perylene	(ug/l)		5 U	5 U
Benzo(k)fluoranthene	(ug/l)	0.002	5 U	5 U
Bis(2-chloroethoxy)methane	(ug/l)	5	5 U	5 U
Bis(2-chloroethyl)ether	(ug/l)	1	5 U	5 U
Bis(2-ethylhexyl)phthalate (BEHP)	(ug/l)	5	5 U	5 U
Butyl benzyl phthalate	(ug/l)	50	5 U	5 U
Chrysene	(ug/l)	0.002	5 U	[46]
Dibenzo(a,h)anthracene	(ug/l)		5 U	5 U
Dibenzofuran	(ug/l)		5 U	5 U
Diethyl phthalate	(ug/l)	50	5 U	5 U
Dimethyl phthalate	(ug/l)	50	5 U	5 U
Di-n-butyl phthalate	(ug/l)	50	50 U	50 U
Di-n-octyl phthalate	(ug/l)	50	5 U	5 U
Fluoranthene	(ug/l)	50	5 U	5 U
U - Non-detect				

Table 1
Groundwater Sampling Results
Semivolatile Organic Compounds (SVOCs)
Bluestone Jamaica I, LLC
90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/10/2008 - Inclusive

SAMPLE TYPE: Water

CONSTITUENT	SITE		GW-01	GW-06
	LAB SAMPLE ID	NYSDEC	0806007_14	0806007_8
	DATE	TOGS	06/10/2008	06/09/2008
Fluorene	(ug/l)	50	5 U	5 U
Hexachlorobenzene	(ug/l)	0.04	5 U	5 U
Hexachlorobutadiene	(ug/l)	0.5	5 U	5 U
Hexachlorocyclopentadiene	(ug/l)	5	5 U	5 U
Hexachloroethane	(ug/l)	5	5 U	5 U
Indeno(1,2,3-cd)pyrene	(ug/l)	0.002	5 U	5 U
Isophorone	(ug/l)	50	5 U	5 U
m-Nitroaniline	(ug/l)	5	5 U	5 U
Naphthalene	(ug/l)	10	5 U	5 U
Nitrobenzene	(ug/l)	0.4	5 U	5 U
N-Nitrosodiphenylamine	(ug/l)	50	5 U	5 U
N-Nitrosodipropylamine	(ug/l)		5 U	5 U
o-Cresol	(ug/l)	1	5 U	5 U
o-Nitroaniline	(ug/l)	5	5 U	5 U
o-Nitrophenol	(ug/l)	1	5 U	5 U
p-Chloroaniline	(ug/l)	5	5 U	5 U
p-Chloro-m-cresol	(ug/l)	1	5 U	5 U
p-Cresol	(ug/l)	1	3 U	3 U
Pentachlorophenol	(ug/l)	1	5 U	5 U
Phenanthrene	(ug/l)	50	5 U	5 U
Phenol	(ug/l)	1	5 U	5 U
p-Nitroaniline	(ug/l)	5	5 U	5 U
p-Nitrophenol	(ug/l)	1	5 U	5 U
Pyrene	(ug/l)	50	5 U	[56]
Sum of Constituents	(ug/l)		0.00	161.00

U - Non-detect

Table 1
Groundwater Sampling Results
Metals

Bluestone Jamaica I, LLC
90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/10/2008 - Inclusive

SAMPLE TYPE: Water

CONSTITUENT	SITE		GW-01	GW-06
	LAB SAMPLE ID	NYSDEC	0806007_14	0806007_8
	DATE	TOGS	06/10/2008	06/09/2008
Aluminum	(mg/l)		7.3	10
Antimony	(mg/l)	0.003	[0.011]	[4.5]
Arsenic	(mg/l)	0.025	0.005 U	1 U
Barium	(mg/l)	1	0.21	[1.9]
Beryllium	(mg/l)	0.003	0.11 U	0.1 U
Cadmium	(mg/l)	0.005	0.005	0.5 U
Calcium	(mg/l)		70	1200
Chromium	(mg/l)	0.05	[0.065]	0.5 U
Cobalt	(mg/l)		0.017	0.5 U
Copper	(mg/l)	0.2	0.04	1 U
Iron	(mg/l)	0.3	[25]	[37]
Lead	(mg/l)	0.025	0.01	0.5 U
Magnesium	(mg/l)	35	18	[200]
Manganese	(mg/l)	0.3	[1.1]	[9.8]
Mercury	(mg/l)	0.0007	0.001 U	0.001 U
Nickel	(mg/l)	0.1	0.06	1 U
Potassium	(mg/l)		8.8	100 U
Selenium	(mg/l)	0.01	0.01 U	1 U
Silver	(mg/l)	0.05	0.005 U	0.5 U
Sodium	(mg/l)	20	10	[1700]
Thallium	(mg/l)	0.0005	0.005 U	1 U
Vanadium	(mg/l)		0.023	0.5 U
Zinc	(mg/l)	2	0.08	1.2

U - Non-detect

Table 1
 Groundwater Sampling Results
 Polychlorinated Biphenyls (PCBs)
 Bluestone Jamaica I, LLC
 90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/10/2008 - Inclusive

SAMPLE TYPE: Water

CONSTITUENT	SITE		GW-01	GW-06
	LAB SAMPLE ID	NYSDEC	0806007_14	0806007_8
	DATE	TOGS	06/10/2008	06/09/2008
Aroclor 1016	(ug/l)	0.09	50 U	50 U
Aroclor 1221	(ug/l)	0.09	50 U	50 U
Aroclor 1232	(ug/l)	0.09	50 U	50 U
Aroclor 1242	(ug/l)	0.09	50 U	50 U
Aroclor 1248	(ug/l)	0.09	50 U	50 U
Aroclor 1254	(ug/l)	0.09	50 U	50 U
Aroclor 1260	(ug/l)	0.09	50 U	50 U
Sum of Constituents	(ug/l)		0.00	0.00

U - Non-detect

Table 2
Groundwater Analytical Results
Exceeding Guidance Values

Table 2
Groundwater Sampling Results
Exceedances ONLY
Bluestone Jamaica I, LLC
90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/10/2008 - Inclusive

SAMPLE TYPE: Water

CONSTITUENT	SITE		GW-01	GW-06
	LAB SAMPLE ID	NYSDEC	0806007_14	0806007_8
	DATE	TOGS	06/10/2008	06/09/2008
Aluminum	(mg/l)			
Antimony	(mg/l)	0.003	[0.011]	[4.5]
Barium	(mg/l)	1		[1.9]
Benzo(a)anthracene	(ug/l)	0.002		[59]
Cadmium	(mg/l)	0.005		
Calcium	(mg/l)			
Chromium	(mg/l)	0.05	[0.065]	
Chrysene	(ug/l)	0.002		[46]
Cobalt	(mg/l)			
Copper	(mg/l)	0.2		
Iron	(mg/l)	0.3	[25]	[37]
Lead	(mg/l)	0.025		
Magnesium	(mg/l)	35		[200]
Manganese	(mg/l)	0.3	[1.1]	[9.8]
Naphthalene	(ug/l)	10		
Nickel	(mg/l)	0.1		
Potassium	(mg/l)			
Pyrene	(ug/l)	50		[56]
Sodium	(mg/l)	20		[1700]
Tetrachloroethene	(ug/l)	5		
Vanadium	(mg/l)			
Zinc	(mg/l)	2		

Table 2
Groundwater Sampling Results
Exceedances ONLY
Bluestone Jamaica I, LLC
90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/10/2008 - Inclusive

SAMPLE TYPE: Water

CONSTITUENT	SITE		GW-01	GW-06
	LAB SAMPLE ID	NYSDEC	0806007_14	0806007_8
	DATE	TOGS	06/10/2008	06/09/2008
Aluminum	(mg/l)			
Antimony	(mg/l)	0.003	[0.011]	[4.5]
Barium	(mg/l)	1		[1.9]
Benzo(a)anthracene	(ug/l)	0.002		[59]
Cadmium	(mg/l)	0.005		
Calcium	(mg/l)			
Chromium	(mg/l)	0.05	[0.065]	
Chrysene	(ug/l)	0.002		[46]
Cobalt	(mg/l)			
Copper	(mg/l)	0.2		
Iron	(mg/l)	0.3	[25]	[37]
Lead	(mg/l)	0.025		
Magnesium	(mg/l)	35		[200]
Manganese	(mg/l)	0.3	[1.1]	[9.8]
Naphthalene	(ug/l)	10		
Nickel	(mg/l)	0.1		
Potassium	(mg/l)			
Pyrene	(ug/l)	50		[56]
Sodium	(mg/l)	20		[1700]
Tetrachloroethene	(ug/l)	5		
Vanadium	(mg/l)			
Zinc	(mg/l)	2		

Table 3
Soil Sampling Results

Table 3
Soil Sampling Results
Volatile Organic Compounds (VOCs)
Bluestone Jamaica I, LLC
90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/10/2008 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE		SB-01	SB-01	SB-02
	LAB SAMPLE ID	NYSDEC	0806007_1	0806007_13	0806007_4
	DATE	RSCOs	06/09/2008	06/10/2008	06/09/2008
Starting Depth	(feet)		0.00	38.00	0.00
Ending Depth	(feet)		2.00	40.00	2.00
1,1,1,2-Tetrachloroethane	(ug/kg)		5.4 U	5.2 U	5.3 U
1,1,1-Trichloroethane	(ug/kg)	800	5.4 U	5.2 U	5.3 U
1,1,2,2-Tetrachloroethane	(ug/kg)	600	5.4 U	5.2 U	5.3 U
1,1,2-Trichloroethane	(ug/kg)		5.4 U	5.2 U	5.3 U
1,1-Dichloroethane	(ug/kg)	200	5.4 U	5.2 U	5.3 U
1,1-Dichloroethene	(ug/kg)	400	5.4 U	5.2 U	5.3 U
1,1-Dichloropropene	(ug/kg)		5.4 U	5.2 U	5.3 U
1,2,3-Trichlorobenzene	(ug/kg)		5.4 U	5.2 U	5.3 U
1,2,3-Trichloropropane	(ug/kg)	400	5.4 U	5.2 U	5.3 U
1,2,4-Trichlorobenzene	(ug/kg)	3400	5.4 U	5.2 U	5.3 U
1,2,4-Trimethylbenzene	(ug/kg)	13000	8.6	1.8 J	1.5 J
1,2-Dibromoethane	(ug/kg)		5.4 U	5.2 U	5.3 U
1,2-Dichlorobenzene	(ug/kg)	7900	5.4 U	5.2 U	5.3 U
1,2-Dichloroethane	(ug/kg)	100	5.4 U	5.2 U	5.3 U
1,2-Dichloropropane	(ug/kg)		5.4 U	5.2 U	5.3 U
1,3,5-Trimethylbenzene	(ug/kg)	3300	5.4 U	3.3 J	2.8 J
1,3-Dichlorobenzene	(ug/kg)	1600	5.4 U	5.2 U	5.3 U
1,3-Dichloropropane	(ug/kg)	300	5.4 U	5.2 U	5.3 U
1,4-Dichlorobenzene	(ug/kg)	8500	5.4 U	5.2 U	5.3 U
2-Butanone	(ug/kg)	300	5.4 U	5.2 U	5.3 U
2-Chlorotoluene	(ug/kg)		5.4 U	5.2 U	5.3 U
2-Nitropropane	(ug/kg)		5.4 U	5.2 U	5.3 U
4-Chlorotoluene	(ug/kg)		5.4 U	5.2 U	5.3 U
4-Methyl-2-Pentanone	(ug/kg)	1000	5.4 U	5.2 U	5.3 U
Acetone	(ug/kg)	200	27 U	26 U	26.5 U
Acrylonitrile	(ug/kg)		5.4 U	5.2 U	5.3 U
Allyl chloride	(ug/kg)		5.4 U	5.2 U	5.3 U
Benzene	(ug/kg)	60	5.4 U	5.2 U	5.3 U
Bromobenzene	(ug/kg)		5.4 U	5.2 U	5.3 U
Bromochloromethane	(ug/kg)		5.4 U	5.2 U	5.3 U
Bromodichloromethane	(ug/kg)		5.4 U	5.2 U	5.3 U
Bromoform	(ug/kg)		5.4 U	5.2 U	5.3 U
Bromomethane	(ug/kg)		5.4 U	5.2 U	5.3 U
Carbon Disulfide	(ug/kg)	2700	5.4 U	5.2 U	5.3 U
Carbon Tetrachloride	(ug/kg)	600	5.4 U	5.2 U	5.3 U
Chlorobenzene	(ug/kg)	1700	5.4 U	5.2 U	5.3 U
Chlorodifluoromethane	(ug/kg)		27 U	26 U	26.5 U
U - Non Detect					
J - Estimated Value					

Table 3
Soil Sampling Results
Volatile Organic Compounds (VOCs)
Bluestone Jamaica I, LLC
90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/10/2008 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE		SB-01	SB-01	SB-02
	LAB SAMPLE ID	NYSDEC	0806007_1	0806007_13	0806007_4
	DATE	RSCOs	06/09/2008	06/10/2008	06/09/2008
Chloroethane	(ug/kg)	1900	5.4 U	5.2 U	5.3 U
Chloroform	(ug/kg)	300	5.4 U	5.2 U	5.3 U
Chloromethane	(ug/kg)		5.4 U	5.2 U	5.3 U
Chloroprene	(ug/kg)		5.4 U	5.2 U	5.3 U
cis-1,2-Dichloroethene	(ug/kg)		5.4 U	5.2 U	5.3 U
cis-1,3-Dichloropropene	(ug/kg)		5.4 U	5.2 U	5.3 U
Dibromochloromethane	(ug/kg)		5.4 U	5.2 U	5.3 U
Dibromomethane	(ug/kg)		5.4 U	5.2 U	5.3 U
Dichlorodifluoromethane	(ug/kg)		5.4 U	5.2 U	5.3 U
Diethyl ether	(ug/kg)		5.4 U	5.2 U	5.3 U
Ethanol	(ug/kg)		270 U	260 U	265 U
Ethylbenzene	(ug/kg)	5500	5.4 U	5.2 U	5.3 U
Freon 113	(ug/kg)	6000	5.4 U	5.2 U	5.3 U
Hexachlorobutadiene	(ug/kg)		5.4 U	5.2 U	5.3 U
Isopropyl Ether	(ug/kg)		5.4 U	5.2 U	5.3 U
Isopropylbenzene	(ug/kg)	5000	5.4 U	5.2 U	5.3 U
m+p-Xylene	(ug/kg)	1200	5.4 U	5.2 U	5.3 U
Methacrylonitrile	(ug/kg)		5.4 U	5.2 U	5.3 U
Methyl acrylate	(ug/kg)		5.4 U	5.2 U	5.3 U
Methyl Tertiary Butyl Ether	(ug/kg)	120	5.4 U	5.2 U	5.3 U
Methylene Chloride	(ug/kg)	100	5.4 U	5.2 U	5.3 U
Naphthalene	(ug/kg)	13000	6.5	5.2 U	1.2 J
n-Butylbenzene	(ug/kg)		5.4 U	5.2 U	5.3 U
n-Propylbenzene	(ug/kg)	14000	5.4 U	0.40 J	0.38 J
o-Xylene	(ug/kg)	1200	5.4 U	5.2 U	5.3 U
p-Isopropyltoluene	(ug/kg)	11000	5.4 U	5.2 U	5.3 U
sec-Butylbenzene	(ug/kg)		5.4 U	5.2 U	5.3 U
Styrene	(ug/kg)		5.4 U	5.2 U	5.3 U
tert-amyl alcohol	(ug/kg)		5.4 U	5.2 U	5.3 U
tert-Amyl methyl ether	(ug/kg)		5.4 U	5.2 U	5.3 U
tert-Buthyl ethyl ether	(ug/kg)		5.4 U	5.2 U	5.3 U
tert-Butylbenzene	(ug/kg)		5.4 U	5.2 U	5.3 U
Tertiary Butyl Alcohol	(ug/kg)		5.4 U	5.2 U	5.3 U
Tetrachloroethene	(ug/kg)	1400	5.4 U	5.2 U	5.3 U
Toluene	(ug/kg)	1500	5.4 U	5.2 U	0.47 J
trans-1,2-Dichloroethene	(ug/kg)	300	5.4 U	5.2 U	5.3 U
Trichloroethene	(ug/kg)	700	5.4 U	5.2 U	5.3 U
Trichlorofluoromethane	(ug/kg)		5.4 U	5.2 U	5.3 U
Vinyl Acetate	(ug/kg)		5.4 U	5.2 U	5.3 U

U - Non Detect
J - Estimated Value

Table 3
 Soil Sampling Results
 Volatile Organic Compounds (VOCs)
 Bluestone Jamaica I, LLC
 90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/10/2008 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE LAB SAMPLE ID	NYSDEC RSCOs	SB-01 0806007_1 06/09/2008	SB-01 0806007_13 06/10/2008	SB-02 0806007_4 06/09/2008
Vinyl chloride	(ug/kg)	200	5.4 U	5.2 U	5.3 U
Sum of Constituents	(ug/kg)		15.10	5.50	6.35

U - Non Detect
 J - Estimated Value

Table 3
Soil Sampling Results
Volatile Organic Compounds (VOCs)
Bluestone Jamaica I, LLC
90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/10/2008 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE		SB-02	SB-03	SB-03
	LAB SAMPLE ID	NYSDEC	0806007_11	0806007_5	0806007_9
	DATE	RSCOs	06/10/2008	06/09/2008	06/09/2008
Starting Depth	(feet)		39.00	0.00	38.00
Ending Depth	(feet)		41.00	2.00	40.00
1,1,1,2-Tetrachloroethane	(ug/kg)		5.2 U	5.75 U	5.2 U
1,1,1-Trichloroethane	(ug/kg)	800	5.2 U	5.75 U	5.2 U
1,1,2,2-Tetrachloroethane	(ug/kg)	600	5.2 U	5.75 U	5.2 U
1,1,2-Trichloroethane	(ug/kg)		5.2 U	5.75 U	5.2 U
1,1-Dichloroethane	(ug/kg)	200	5.2 U	5.75 U	5.2 U
1,1-Dichloroethene	(ug/kg)	400	5.2 U	5.75 U	5.2 U
1,1-Dichloropropene	(ug/kg)		5.2 U	5.75 U	5.2 U
1,2,3-Trichlorobenzene	(ug/kg)		5.2 U	5.75 U	5.2 U
1,2,3-Trichloropropane	(ug/kg)	400	5.2 U	5.75 U	5.2 U
1,2,4-Trichlorobenzene	(ug/kg)	3400	5.2 U	5.75 U	5.2 U
1,2,4-Trimethylbenzene	(ug/kg)	13000	1.8 J	1.9 J	1.9 J
1,2-Dibromoethane	(ug/kg)		5.2 U	5.75 U	5.2 U
1,2-Dichlorobenzene	(ug/kg)	7900	5.2 U	5.75 U	5.2 U
1,2-Dichloroethane	(ug/kg)	100	5.2 U	5.75 U	5.2 U
1,2-Dichloropropane	(ug/kg)		5.2 U	5.75 U	5.2 U
1,3,5-Trimethylbenzene	(ug/kg)	3300	2.6 J	3.5 J	0.74 J
1,3-Dichlorobenzene	(ug/kg)	1600	5.2 U	5.75 U	5.2 U
1,3-Dichloropropane	(ug/kg)	300	5.2 U	5.75 U	5.2 U
1,4-Dichlorobenzene	(ug/kg)	8500	5.2 U	5.75 U	5.2 U
2-Butanone	(ug/kg)	300	5.2 U	5.75 U	5.2 U
2-Chlorotoluene	(ug/kg)		5.2 U	5.75 U	5.2 U
2-Nitropropane	(ug/kg)		5.2 U	5.75 U	5.2 U
4-Chlorotoluene	(ug/kg)		5.2 U	5.75 U	5.2 U
4-Methyl-2-Pentanone	(ug/kg)	1000	5.2 U	5.75 U	5.2 U
Acetone	(ug/kg)	200	26 U	28.75 U	26 U
Acrylonitrile	(ug/kg)		5.2 U	5.75 U	5.2 U
Allyl chloride	(ug/kg)		5.2 U	5.75 U	5.2 U
Benzene	(ug/kg)	60	5.2 U	5.75 U	5.2 U
Bromobenzene	(ug/kg)		5.2 U	5.75 U	5.2 U
Bromochloromethane	(ug/kg)		5.2 U	5.75 U	5.2 U
Bromodichloromethane	(ug/kg)		5.2 U	5.75 U	5.2 U
Bromoform	(ug/kg)		5.2 U	5.75 U	5.2 U
Bromomethane	(ug/kg)		5.2 U	5.75 U	5.2 U
Carbon Disulfide	(ug/kg)	2700	5.2 U	5.75 U	5.2 U
Carbon Tetrachloride	(ug/kg)	600	5.2 U	5.75 U	5.2 U
Chlorobenzene	(ug/kg)	1700	5.2 U	5.75 U	5.2 U
Chlorodifluoromethane	(ug/kg)		26 U	28.75 U	26 U
U - Non Detect					
J - Estimated Value					

Table 3
Soil Sampling Results
Volatile Organic Compounds (VOCs)
Bluestone Jamaica I, LLC
90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/10/2008 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE		SB-02	SB-03	SB-03
	LAB SAMPLE ID	NYSDEC	0806007_11	0806007_5	0806007_9
	DATE	RSCOs	06/10/2008	06/09/2008	06/09/2008
Chloroethane	(ug/kg)	1900	5.2 U	5.75 U	5.2 U
Chloroform	(ug/kg)	300	5.2 U	5.75 U	5.2 U
Chloromethane	(ug/kg)		5.2 U	5.75 U	5.2 U
Chloroprene	(ug/kg)		5.2 U	5.75 U	5.2 U
cis-1,2-Dichloroethene	(ug/kg)		5.2 U	5.75 U	5.2 U
cis-1,3-Dichloropropene	(ug/kg)		5.2 U	5.75 U	5.2 U
Dibromochloromethane	(ug/kg)		5.2 U	5.75 U	5.2 U
Dibromomethane	(ug/kg)		5.2 U	5.75 U	5.2 U
Dichlorodifluoromethane	(ug/kg)		5.2 U	5.75 U	5.2 U
Diethyl ether	(ug/kg)		5.2 U	5.75 U	5.2 U
Ethanol	(ug/kg)		260 U	287.5 U	260 U
Ethylbenzene	(ug/kg)	5500	5.2 U	5.75 U	5.2 U
Freon 113	(ug/kg)	6000	5.2 U	5.75 U	5.2 U
Hexachlorobutadiene	(ug/kg)		5.2 U	5.75 U	5.2 U
Isopropyl Ether	(ug/kg)		5.2 U	5.75 U	5.2 U
Isopropylbenzene	(ug/kg)	5000	5.2 U	5.75 U	5.2 U
m+p-Xylene	(ug/kg)	1200	5.2 U	5.75 U	5.2 U
Methacrylonitrile	(ug/kg)		5.2 U	5.75 U	5.2 U
Methyl acrylate	(ug/kg)		5.2 U	5.75 U	5.2 U
Methyl Tertiary Butyl Ether	(ug/kg)	120	5.2 U	5.75 U	5.2 U
Methylene Chloride	(ug/kg)	100	5.2 U	5.75 U	5.2 U
Naphthalene	(ug/kg)	13000	0.92 J	1.3 J	1.1 J
n-Butylbenzene	(ug/kg)		5.2 U	5.75 U	5.2 U
n-Propylbenzene	(ug/kg)	14000	0.43 J	0.47 J	0.46 J
o-Xylene	(ug/kg)	1200	5.2 U	5.75 U	5.2 U
p-Isopropyltoluene	(ug/kg)	11000	5.2 U	5.75 U	5.2 U
sec-Butylbenzene	(ug/kg)		5.2 U	5.75 U	5.2 U
Styrene	(ug/kg)		5.2 U	5.75 U	5.2 U
tert-amyl alcohol	(ug/kg)		5.2 U	5.75 U	5.2 U
tert-Amyl methyl ether	(ug/kg)		5.2 U	5.75 U	5.2 U
tert-Buthyl ethyl ether	(ug/kg)		5.2 U	5.75 U	5.2 U
tert-Butylbenzene	(ug/kg)		5.2 U	5.75 U	5.2 U
Tertiary Butyl Alcohol	(ug/kg)		5.2 U	5.75 U	5.2 U
Tetrachloroethene	(ug/kg)	1400	5.2 U	5.75 U	5.2 U
Toluene	(ug/kg)	1500	5.2 U	0.52 J	5.2 U
trans-1,2-Dichloroethene	(ug/kg)	300	5.2 U	5.75 U	5.2 U
Trichloroethene	(ug/kg)	700	5.2 U	5.75 U	5.2 U
Trichlorofluoromethane	(ug/kg)		5.2 U	5.75 U	5.2 U
Vinyl Acetate	(ug/kg)		5.2 U	5.75 U	5.2 U

U - Non Detect
J - Estimated Value

Table 3
 Soil Sampling Results
 Volatile Organic Compounds (VOCs)
 Bluestone Jamaica I, LLC
 90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/10/2008 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE LAB SAMPLE ID DATE	NYSDEC RSCOs	SB-02 0806007_11 06/10/2008	SB-03 0806007_5 06/09/2008	SB-03 0806007_9 06/09/2008
Vinyl chloride	(ug/kg)	200	5.2 U	5.75 U	5.2 U
Sum of Constituents	(ug/kg)		5.75	7.69	4.20

U - Non Detect
 J - Estimated Value

Table 3
Soil Sampling Results
Volatile Organic Compounds (VOCs)
Bluestone Jamaica I, LLC
90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/10/2008 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE		SB-04	SB-04	SB-05
	LAB SAMPLE ID	NYSDEC	0806007_2	0806007_12	0806007_3
	DATE	RSCOs	06/09/2008	06/10/2008	06/09/2008
Starting Depth	(feet)		0.00	38.00	0.00
Ending Depth	(feet)		2.00	40.00	2.00
1,1,1,2-Tetrachloroethane	(ug/kg)		6.96 U	5.2 U	6.96 U
1,1,1-Trichloroethane	(ug/kg)	800	6.96 U	5.2 U	6.96 U
1,1,2,2-Tetrachloroethane	(ug/kg)	600	6.96 U	5.2 U	6.96 U
1,1,2-Trichloroethane	(ug/kg)		6.96 U	5.2 U	6.96 U
1,1-Dichloroethane	(ug/kg)	200	6.96 U	5.2 U	6.96 U
1,1-Dichloroethene	(ug/kg)	400	6.96 U	5.2 U	6.96 U
1,1-Dichloropropene	(ug/kg)		6.96 U	5.2 U	6.96 U
1,2,3-Trichlorobenzene	(ug/kg)		6.96 U	5.2 U	6.96 U
1,2,3-Trichloropropane	(ug/kg)	400	6.96 U	5.2 U	6.96 U
1,2,4-Trichlorobenzene	(ug/kg)	3400	6.96 U	5.2 U	6.96 U
1,2,4-Trimethylbenzene	(ug/kg)	13000	6.96 U	1.6 J	6.96 U
1,2-Dibromoethane	(ug/kg)		6.96 U	5.2 U	6.96 U
1,2-Dichlorobenzene	(ug/kg)	7900	6.96 U	5.2 U	6.96 U
1,2-Dichloroethane	(ug/kg)	100	6.96 U	5.2 U	6.96 U
1,2-Dichloropropane	(ug/kg)		6.96 U	5.2 U	6.96 U
1,3,5-Trimethylbenzene	(ug/kg)	3300	6.96 U	3.2 J	6.96 U
1,3-Dichlorobenzene	(ug/kg)	1600	6.96 U	5.2 U	6.96 U
1,3-Dichloropropane	(ug/kg)	300	6.96 U	5.2 U	6.96 U
1,4-Dichlorobenzene	(ug/kg)	8500	6.96 U	5.2 U	6.96 U
2-Butanone	(ug/kg)	300	6.96 U	5.2 U	6.96 U
2-Chlorotoluene	(ug/kg)		6.96 U	5.2 U	6.96 U
2-Nitropropane	(ug/kg)		6.96 U	5.2 U	6.96 U
4-Chlorotoluene	(ug/kg)		6.96 U	5.2 U	6.96 U
4-Methyl-2-Pentanone	(ug/kg)	1000	6.96 U	5.2 U	6.96 U
Acetone	(ug/kg)	200	33.64 U	26 U	33.64 U
Acrylonitrile	(ug/kg)		6.96 U	5.2 U	6.96 U
Allyl chloride	(ug/kg)		6.96 U	5.2 U	6.96 U
Benzene	(ug/kg)	60	6.96 U	5.2 U	6.96 U
Bromobenzene	(ug/kg)		6.96 U	5.2 U	6.96 U
Bromochloromethane	(ug/kg)		6.96 U	5.2 U	6.96 U
Bromodichloromethane	(ug/kg)		6.96 U	5.2 U	6.96 U
Bromoform	(ug/kg)		6.96 U	5.2 U	6.96 U
Bromomethane	(ug/kg)		6.96 U	5.2 U	6.96 U
Carbon Disulfide	(ug/kg)	2700	6.96 U	5.2 U	6.96 U
Carbon Tetrachloride	(ug/kg)	600	6.96 U	5.2 U	6.96 U
Chlorobenzene	(ug/kg)	1700	6.96 U	5.2 U	6.96 U
Chlorodifluoromethane	(ug/kg)		33.64 U	26 U	33.64 U
U - Non Detect					
J - Estimated Value					

Table 3
Soil Sampling Results
Volatile Organic Compounds (VOCs)
Bluestone Jamaica I, LLC
90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/10/2008 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE		SB-04	SB-04	SB-05
	LAB SAMPLE ID	NYSDEC	0806007_2	0806007_12	0806007_3
	DATE	RSCOs	06/09/2008	06/10/2008	06/09/2008
Chloroethane	(ug/kg)	1900	6.96 U	5.2 U	6.96 U
Chloroform	(ug/kg)	300	6.96 U	5.2 U	6.96 U
Chloromethane	(ug/kg)		6.96 U	5.2 U	6.96 U
Chloroprene	(ug/kg)		6.96 U	5.2 U	6.96 U
cis-1,2-Dichloroethene	(ug/kg)		6.96 U	5.2 U	6.96 U
cis-1,3-Dichloropropene	(ug/kg)		6.96 U	5.2 U	6.96 U
Dibromochloromethane	(ug/kg)		6.96 U	5.2 U	6.96 U
Dibromomethane	(ug/kg)		6.96 U	5.2 U	6.96 U
Dichlorodifluoromethane	(ug/kg)		6.96 U	5.2 U	6.96 U
Diethyl ether	(ug/kg)		6.96 U	5.2 U	6.96 U
Ethanol	(ug/kg)		290 U	260 U	290 U
Ethylbenzene	(ug/kg)	5500	6.96 U	5.2 U	6.96 U
Freon 113	(ug/kg)	6000	6.96 U	5.2 U	6.96 U
Hexachlorobutadiene	(ug/kg)		6.96 U	5.2 U	6.96 U
Isopropyl Ether	(ug/kg)		6.96 U	5.2 U	6.96 U
Isopropylbenzene	(ug/kg)	5000	6.96 U	5.2 U	6.96 U
m+p-Xylene	(ug/kg)	1200	6.96 U	5.2 U	6.96 U
Methacrylonitrile	(ug/kg)		6.96 U	5.2 U	6.96 U
Methyl acrylate	(ug/kg)		6.96 U	5.2 U	6.96 U
Methyl Tertiary Butyl Ether	(ug/kg)	120	6.96 U	5.2 U	6.96 U
Methylene Chloride	(ug/kg)	100	6.96 U	5.2 U	6.96 U
Naphthalene	(ug/kg)	13000	6.96 U	0.89 J	6.96 U
n-Butylbenzene	(ug/kg)		6.96 U	5.2 U	6.96 U
n-Propylbenzene	(ug/kg)	14000	6.96 U	0.44 J	6.96 U
o-Xylene	(ug/kg)	1200	6.96 U	5.2 U	6.96 U
p-Isopropyltoluene	(ug/kg)	11000	6.96 U	5.2 U	6.96 U
sec-Butylbenzene	(ug/kg)		6.96 U	5.2 U	6.96 U
Styrene	(ug/kg)		6.96 U	5.2 U	6.96 U
tert-amyl alcohol	(ug/kg)		6.96 U	5.2 U	6.96 U
tert-Amyl methyl ether	(ug/kg)		6.96 U	5.2 U	6.96 U
tert-Buthyl ethyl ether	(ug/kg)		6.96 U	5.2 U	6.96 U
tert-Butylbenzene	(ug/kg)		6.96 U	5.2 U	6.96 U
Tertiary Butyl Alcohol	(ug/kg)		6.96 U	5.2 U	6.96 U
Tetrachloroethene	(ug/kg)	1400	6.96 U	5.2 U	6.96 U
Toluene	(ug/kg)	1500	6.96 U	0.43 J	6.96 U
trans-1,2-Dichloroethene	(ug/kg)	300	6.96 U	5.2 U	6.96 U
Trichloroethene	(ug/kg)	700	6.96 U	5.2 U	6.96 U
Trichlorofluoromethane	(ug/kg)		6.96 U	5.2 U	6.96 U
Vinyl Acetate	(ug/kg)		6.96 U	5.2 U	6.96 U
U - Non Detect					
J - Estimated Value					

Table 3
 Soil Sampling Results
 Volatile Organic Compounds (VOCs)
 Bluestone Jamaica I, LLC
 90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/10/2008 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE LAB SAMPLE ID DATE	NYSDEC RSCOs	SB-04 0806007_2 06/09/2008	SB-04 0806007_12 06/10/2008	SB-05 0806007_3 06/09/2008
Vinyl chloride	(ug/kg)	200	6.96 U	5.2 U	6.96 U
Sum of Constituents	(ug/kg)		0.00	6.56	0.00

U - Non Detect
 J - Estimated Value

Table 3
Soil Sampling Results
Volatile Organic Compounds (VOCs)
Bluestone Jamaica I, LLC
90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/10/2008 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE		SB-05	SB-06	SB-06
	LAB SAMPLE ID	NYSDEC	0806007_10	0806007_6	0806007_7
	DATE	RSCOs	06/09/2008	06/09/2008	06/09/2008
Starting Depth	(feet)		38.00	0.00	38.00
Ending Depth	(feet)		40.00	2.00	40.00
1,1,1,2-Tetrachloroethane	(ug/kg)		5.25 U	5.7 U	5.15 U
1,1,1-Trichloroethane	(ug/kg)	800	5.25 U	5.7 U	5.15 U
1,1,2,2-Tetrachloroethane	(ug/kg)	600	5.25 U	5.7 U	5.15 U
1,1,2-Trichloroethane	(ug/kg)		5.25 U	5.7 U	5.15 U
1,1-Dichloroethane	(ug/kg)	200	5.25 U	5.7 U	5.15 U
1,1-Dichloroethene	(ug/kg)	400	5.25 U	5.7 U	5.15 U
1,1-Dichloropropene	(ug/kg)		5.25 U	5.7 U	5.15 U
1,2,3-Trichlorobenzene	(ug/kg)		5.25 U	5.7 U	5.15 U
1,2,3-Trichloropropane	(ug/kg)	400	5.25 U	5.7 U	5.15 U
1,2,4-Trichlorobenzene	(ug/kg)	3400	5.25 U	5.7 U	5.15 U
1,2,4-Trimethylbenzene	(ug/kg)	13000	1.9 J	1.6 J	2.0 J
1,2-Dibromoethane	(ug/kg)		5.25 U	5.7 U	5.15 U
1,2-Dichlorobenzene	(ug/kg)	7900	5.25 U	5.7 U	5.15 U
1,2-Dichloroethane	(ug/kg)	100	5.25 U	5.7 U	5.15 U
1,2-Dichloropropane	(ug/kg)		5.25 U	5.7 U	5.15 U
1,3,5-Trimethylbenzene	(ug/kg)	3300	3.4 J	2.8 J	3.5 J
1,3-Dichlorobenzene	(ug/kg)	1600	5.25 U	5.7 U	5.15 U
1,3-Dichloropropane	(ug/kg)	300	5.25 U	5.7 U	5.15 U
1,4-Dichlorobenzene	(ug/kg)	8500	5.25 U	5.7 U	5.15 U
2-Butanone	(ug/kg)	300	5.25 U	5.7 U	5.15 U
2-Chlorotoluene	(ug/kg)		5.25 U	5.7 U	5.15 U
2-Nitropropane	(ug/kg)		5.25 U	5.7 U	5.15 U
4-Chlorotoluene	(ug/kg)		5.25 U	5.7 U	5.15 U
4-Methyl-2-Pentanone	(ug/kg)	1000	5.25 U	5.7 U	5.15 U
Acetone	(ug/kg)	200	26.25 U	28.5 U	25.75 U
Acrylonitrile	(ug/kg)		5.25 U	5.7 U	5.15 U
Allyl chloride	(ug/kg)		5.25 U	5.7 U	5.15 U
Benzene	(ug/kg)	60	5.25 U	5.7 U	5.15 U
Bromobenzene	(ug/kg)		5.25 U	5.7 U	5.15 U
Bromochloromethane	(ug/kg)		5.25 U	5.7 U	5.15 U
Bromodichloromethane	(ug/kg)		5.25 U	5.7 U	5.15 U
Bromoform	(ug/kg)		5.25 U	5.7 U	5.15 U
Bromomethane	(ug/kg)		5.25 U	5.7 U	5.15 U
Carbon Disulfide	(ug/kg)	2700	5.25 U	5.7 U	5.15 U
Carbon Tetrachloride	(ug/kg)	600	5.25 U	5.7 U	5.15 U
Chlorobenzene	(ug/kg)	1700	5.25 U	5.7 U	5.15 U
Chlorodifluoromethane	(ug/kg)		26.25 U	28.5 U	25.75 U
U - Non Detect J - Estimated Value					

Table 3
Soil Sampling Results
Volatile Organic Compounds (VOCs)
Bluestone Jamaica I, LLC
90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/10/2008 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE		SB-05	SB-06	SB-06
	LAB SAMPLE ID	NYSDEC	0806007_10	0806007_6	0806007_7
	DATE	RSCOs	06/09/2008	06/09/2008	06/09/2008
Chloroethane	(ug/kg)	1900	5.25 U	5.7 U	5.15 U
Chloroform	(ug/kg)	300	5.25 U	5.7 U	5.15 U
Chloromethane	(ug/kg)		5.25 U	5.7 U	5.15 U
Chloroprene	(ug/kg)		5.25 U	5.7 U	5.15 U
cis-1,2-Dichloroethene	(ug/kg)		5.25 U	5.7 U	5.15 U
cis-1,3-Dichloropropene	(ug/kg)		5.25 U	5.7 U	5.15 U
Dibromochloromethane	(ug/kg)		5.25 U	5.7 U	5.15 U
Dibromomethane	(ug/kg)		5.25 U	5.7 U	5.15 U
Dichlorodifluoromethane	(ug/kg)		5.25 U	5.7 U	5.15 U
Diethyl ether	(ug/kg)		5.25 U	5.7 U	5.15 U
Ethanol	(ug/kg)		262.5 U	285 U	257.5 U
Ethylbenzene	(ug/kg)	5500	5.25 U	5.7 U	5.15 U
Freon 113	(ug/kg)	6000	5.25 U	5.7 U	5.15 U
Hexachlorobutadiene	(ug/kg)		5.25 U	5.7 U	5.15 U
Isopropyl Ether	(ug/kg)		5.25 U	5.7 U	5.15 U
Isopropylbenzene	(ug/kg)	5000	5.25 U	5.7 U	5.15 U
m+p-Xylene	(ug/kg)	1200	5.25 U	5.7 U	5.15 U
Methacrylonitrile	(ug/kg)		5.25 U	5.7 U	5.15 U
Methyl acrylate	(ug/kg)		5.25 U	5.7 U	5.15 U
Methyl Tertiary Butyl Ether	(ug/kg)	120	5.25 U	5.7 U	5.15 U
Methylene Chloride	(ug/kg)	100	5.25 U	5.7 U	5.15 U
Naphthalene	(ug/kg)	13000	0.96 J	1.3 J	0.94 J
n-Butylbenzene	(ug/kg)		5.25 U	5.7 U	5.15 U
n-Propylbenzene	(ug/kg)	14000	0.42 J	0.39 J	0.48 J
o-Xylene	(ug/kg)	1200	5.25 U	5.7 U	5.15 U
p-Isopropyltoluene	(ug/kg)	11000	5.25 U	5.7 U	5.15 U
sec-Butylbenzene	(ug/kg)		5.25 U	5.7 U	5.15 U
Styrene	(ug/kg)		5.25 U	5.7 U	5.15 U
tert-amyl alcohol	(ug/kg)		5.25 U	5.7 U	5.15 U
tert-Amyl methyl ether	(ug/kg)		5.25 U	5.7 U	5.15 U
tert-Buthyl ethyl ether	(ug/kg)		5.25 U	5.7 U	5.15 U
tert-Butylbenzene	(ug/kg)		5.25 U	5.7 U	5.15 U
Tertiary Butyl Alcohol	(ug/kg)		5.25 U	5.7 U	5.15 U
Tetrachloroethene	(ug/kg)	1400	5.25 U	5.7 U	5.15 U
Toluene	(ug/kg)	1500	5.25 U	5.7 U	5.15 U
trans-1,2-Dichloroethene	(ug/kg)	300	5.25 U	5.7 U	5.15 U
Trichloroethene	(ug/kg)	700	5.25 U	5.7 U	5.15 U
Trichlorofluoromethane	(ug/kg)		5.25 U	5.7 U	5.15 U
Vinyl Acetate	(ug/kg)		5.25 U	5.7 U	5.15 U

U - Non Detect
J - Estimated Value

Table 3
 Soil Sampling Results
 Volatile Organic Compounds (VOCs)
 Bluestone Jamaica I, LLC
 90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/10/2008 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE LAB SAMPLE ID DATE	NYSDEC RSCOs	SB-05 0806007_10 06/09/2008	SB-06 0806007_6 06/09/2008	SB-06 0806007_7 06/09/2008
Vinyl chloride	(ug/kg)	200	5.25 U	5.7 U	5.15 U
Sum of Constituents	(ug/kg)		6.68	6.09	6.92

U - Non Detect
 J - Estimated Value

Table 3
Soil Sampling Results
Semivolatile Organic Compounds (SVOCs)
Bluestone Jamaica I, LLC
90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/10/2008 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE		SB-01	SB-01	SB-02
	LAB SAMPLE ID	NYSDEC	0806007_1	0806007_13	0806007_4
	DATE	RSCOs	06/09/2008	06/10/2008	06/09/2008
Starting Depth	(feet)		0.00	38.00	0.00
Ending Depth	(feet)		2.00	40.00	2.00
1,2,4-Trichlorobenzene	(ug/kg)	3400	193.32 U	172.64 U	175.96 U
1,2-Dichlorobenzene	(ug/kg)	7900	193.32 U	172.64 U	175.96 U
1,3-Dichlorobenzene	(ug/kg)	1600	193.32 U	172.64 U	175.96 U
1,4-Dichlorobenzene	(ug/kg)	8500	193.32 U	172.64 U	175.96 U
2,2'-oxybis(1-Chloropropane)	(ug/kg)		193.32 U	172.64 U	175.96 U
2,4,5-Trichlorophenol	(ug/kg)	100	193.32 U	172.64 U	175.96 U
2,4,6-Trichlorophenol	(ug/kg)		193.32 U	172.64 U	175.96 U
2,4-Dichlorophenol	(ug/kg)	400	193.32 U	172.64 U	175.96 U
2,4-Dimethylphenol	(ug/kg)		193.32 U	172.64 U	175.96 U
2,4-Dinitrophenol	(ug/kg)	200	193.32 U	172.64 U	175.96 U
2,4-Dinitrotoluene	(ug/kg)		193.32 U	172.64 U	175.96 U
2,6-Dinitrotoluene	(ug/kg)	1000	193.32 U	172.64 U	175.96 U
2-Chloronaphthalene	(ug/kg)		193.32 U	172.64 U	175.96 U
2-Chlorophenol	(ug/kg)	800	193.32 U	172.64 U	175.96 U
2-Methylnaphthalene	(ug/kg)	36400	193.32 U	172.64 U	175.96 U
3,3-Dichlorobenzidine	(ug/kg)		193.32 U	172.64 U	175.96 U
4,6-Dinitro-o-cresol	(ug/kg)		193.32 U	172.64 U	175.96 U
4-Bromophenyl phenyl ether	(ug/kg)		193.32 U	172.64 U	175.96 U
4-Chlorophenyl phenyl ether	(ug/kg)		193.32 U	172.64 U	175.96 U
Acenaphthene	(ug/kg)	50000	193.32 U	172.64 U	175.96 U
Acenaphthylene	(ug/kg)	41000	193.32 U	172.64 U	175.96 U
Anthracene	(ug/kg)	50000	193.32 U	172.64 U	175.96 U
Benzo(a)anthracene	(ug/kg)	224	193.32 U	172.64 U	175.96 U
Benzo(a)pyrene	(ug/kg)	61	193.32 U	172.64 U	175.96 U
Benzo(b)fluoranthene	(ug/kg)	1100	193.32 U	172.64 U	175.96 U
Benzo(ghi)perylene	(ug/kg)	50000	193.32 U	172.64 U	175.96 U
Benzo(k)fluoranthene	(ug/kg)	1100	193.32 U	172.64 U	175.96 U
Bis(2-chloroethoxy)methane	(ug/kg)		193.32 U	172.64 U	175.96 U
Bis(2-chloroethyl)ether	(ug/kg)		193.32 U	172.64 U	175.96 U
Bis(2-ethylhexyl)phthalate (BEHP)	(ug/kg)	50000	1166.4 U	1040 U	1060 U
Butyl benzyl phthalate	(ug/kg)	50000	193.32 U	172.64 U	175.96 U
Chrysene	(ug/kg)	400	193.32 U	172.64 U	175.96 U
Dibenzo(a,h)anthracene	(ug/kg)	14	193.32 U	172.64 U	175.96 U
Dibenzofuran	(ug/kg)	6200	193.32 U	172.64 U	175.96 U
Diethyl phthalate	(ug/kg)	7100	193.32 U	172.64 U	175.96 U
Dimethyl phthalate	(ug/kg)	2000	193.32 U	172.64 U	175.96 U
Di-n-butyl phthalate	(ug/kg)	8100	1166.4 U	1040 U	1060 U
U - Non Detect					

Table 3
Soil Sampling Results
Semivolatile Organic Compounds (SVOCs)
Bluestone Jamaica I, LLC
90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/10/2008 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE		SB-01	SB-01	SB-02
	LAB SAMPLE ID	NYSDEC	0806007_1	0806007_13	0806007_4
	DATE	RSCOs	06/09/2008	06/10/2008	06/09/2008
Di-n-octyl phthalate	(ug/kg)	50000	193.32 U	172.64 U	175.96 U
Fluoranthene	(ug/kg)	50000	193.32 U	172.64 U	175.96 U
Fluorene	(ug/kg)	50000	193.32 U	172.64 U	175.96 U
Hexachlorobenzene	(ug/kg)	410	193.32 U	172.64 U	175.96 U
Hexachlorobutadiene	(ug/kg)		193.32 U	172.64 U	175.96 U
Hexachlorocyclopentadiene	(ug/kg)		233.28 U	208 U	212 U
Hexachloroethane	(ug/kg)		193.32 U	172.64 U	175.96 U
Indeno(1,2,3-cd)pyrene	(ug/kg)	3200	193.32 U	172.64 U	175.96 U
Isophorone	(ug/kg)	4400	193.32 U	172.64 U	175.96 U
m-Nitroaniline	(ug/kg)	500	193.32 U	172.64 U	175.96 U
Naphthalene	(ug/kg)	13000	193.32 U	172.64 U	175.96 U
Nitrobenzene	(ug/kg)	200	193.32 U	172.64 U	175.96 U
N-Nitrosodiphenylamine	(ug/kg)		193.32 U	172.64 U	175.96 U
N-Nitrosodipropylamine	(ug/kg)		193.32 U	172.64 U	175.96 U
o-Cresol	(ug/kg)	100	193.32 U	172.64 U	175.96 U
o-Nitroaniline	(ug/kg)	430	193.32 U	172.64 U	175.96 U
o-Nitrophenol	(ug/kg)	330	193.32 U	172.64 U	175.96 U
p-Chloroaniline	(ug/kg)	220	193.32 U	172.64 U	175.96 U
p-Chloro-m-cresol	(ug/kg)	240	193.32 U	172.64 U	175.96 U
p-Cresol	(ug/kg)	900	193.32 U	172.64 U	175.96 U
Pentachlorophenol	(ug/kg)	1000	193.32 U	172.64 U	175.96 U
Phenanthrene	(ug/kg)	50000	193.32 U	172.64 U	175.96 U
Phenol	(ug/kg)	30	193.32 U	172.64 U	175.96 U
p-Nitroaniline	(ug/kg)		193.32 U	172.64 U	175.96 U
p-Nitrophenol	(ug/kg)	100	193.32 U	172.64 U	175.96 U
Pyrene	(ug/kg)	50000	193.32 U	172.64 U	559.68
Sum of Constituents	(ug/kg)		0.00	0.00	559.68

U - Non Detect

Table 3
Soil Sampling Results
Semivolatile Organic Compounds (SVOCs)
Bluestone Jamaica I, LLC
90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/10/2008 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE		SB-02	SB-03	SB-03
	LAB SAMPLE ID	NYSDEC	0806007_11	0806007_5	0806007_9
	DATE	RSCOs	06/10/2008	06/09/2008	06/09/2008
Starting Depth	(feet)		39.00	0.00	38.00
Ending Depth	(feet)		41.00	2.00	40.00
1,2,4-Trichlorobenzene	(ug/kg)	3400	172.64 U	190.9 U	172.64 U
1,2-Dichlorobenzene	(ug/kg)	7900	172.64 U	190.9 U	172.64 U
1,3-Dichlorobenzene	(ug/kg)	1600	172.64 U	190.9 U	172.64 U
1,4-Dichlorobenzene	(ug/kg)	8500	172.64 U	190.9 U	172.64 U
2,2'-oxybis(1-Chloropropane)	(ug/kg)		172.64 U	190.9 U	172.64 U
2,4,5-Trichlorophenol	(ug/kg)	100	172.64 U	190.9 U	172.64 U
2,4,6-Trichlorophenol	(ug/kg)		172.64 U	190.9 U	172.64 U
2,4-Dichlorophenol	(ug/kg)	400	172.64 U	190.9 U	172.64 U
2,4-Dimethylphenol	(ug/kg)		172.64 U	190.9 U	172.64 U
2,4-Dinitrophenol	(ug/kg)	200	172.64 U	190.9 U	172.64 U
2,4-Dinitrotoluene	(ug/kg)		172.64 U	190.9 U	172.64 U
2,6-Dinitrotoluene	(ug/kg)	1000	172.64 U	190.9 U	172.64 U
2-Chloronaphthalene	(ug/kg)		172.64 U	190.9 U	172.64 U
2-Chlorophenol	(ug/kg)	800	172.64 U	190.9 U	172.64 U
2-Methylnaphthalene	(ug/kg)	36400	172.64 U	190.9 U	172.64 U
3,3-Dichlorobenzidine	(ug/kg)		172.64 U	190.9 U	172.64 U
4,6-Dinitro-o-cresol	(ug/kg)		172.64 U	190.9 U	172.64 U
4-Bromophenyl phenyl ether	(ug/kg)		172.64 U	190.9 U	172.64 U
4-Chlorophenyl phenyl ether	(ug/kg)		172.64 U	190.9 U	172.64 U
Acenaphthene	(ug/kg)	50000	172.64 U	190.9 U	172.64 U
Acenaphthylene	(ug/kg)	41000	172.64 U	190.9 U	172.64 U
Anthracene	(ug/kg)	50000	172.64 U	190.9 U	172.64 U
Benzo(a)anthracene	(ug/kg)	224	172.64 U	190.9 U	172.64 U
Benzo(a)pyrene	(ug/kg)	61	172.64 U	190.9 U	172.64 U
Benzo(b)fluoranthene	(ug/kg)	1100	172.64 U	190.9 U	172.64 U
Benzo(ghi)perylene	(ug/kg)	50000	172.64 U	190.9 U	172.64 U
Benzo(k)fluoranthene	(ug/kg)	1100	172.64 U	190.9 U	172.64 U
Bis(2-chloroethoxy)methane	(ug/kg)		172.64 U	190.9 U	172.64 U
Bis(2-chloroethyl)ether	(ug/kg)		172.64 U	190.9 U	172.64 U
Bis(2-ethylhexyl)phthalate (BEHP)	(ug/kg)	50000	1040 U	1150 U	1040 U
Butyl benzyl phthalate	(ug/kg)	50000	172.64 U	190.9 U	172.64 U
Chrysene	(ug/kg)	400	172.64 U	190.9 U	172.64 U
Dibenzo(a,h)anthracene	(ug/kg)	14	172.64 U	190.9 U	172.64 U
Dibenzofuran	(ug/kg)	6200	172.64 U	190.9 U	172.64 U
Diethyl phthalate	(ug/kg)	7100	172.64 U	190.9 U	172.64 U
Dimethyl phthalate	(ug/kg)	2000	172.64 U	190.9 U	172.64 U
Di-n-butyl phthalate	(ug/kg)	8100	1040 U	1150 U	1040 U
U - Non Detect					

Table 3
Soil Sampling Results
Semivolatile Organic Compounds (SVOCs)
Bluestone Jamaica I, LLC
90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/10/2008 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE		SB-02	SB-03	SB-03
	LAB SAMPLE ID	NYSDEC	0806007_11	0806007_5	0806007_9
	DATE	RSCOs	06/10/2008	06/09/2008	06/09/2008
Di-n-octyl phthalate	(ug/kg)	50000	172.64 U	190.9 U	172.64 U
Fluoranthene	(ug/kg)	50000	172.64 U	190.9 U	172.64 U
Fluorene	(ug/kg)	50000	172.64 U	190.9 U	172.64 U
Hexachlorobenzene	(ug/kg)	410	172.64 U	190.9 U	172.64 U
Hexachlorobutadiene	(ug/kg)		172.64 U	190.9 U	172.64 U
Hexachlorocyclopentadiene	(ug/kg)		208 U	230 U	208 U
Hexachloroethane	(ug/kg)		172.64 U	190.9 U	172.64 U
Indeno(1,2,3-cd)pyrene	(ug/kg)	3200	172.64 U	190.9 U	172.64 U
Isophorone	(ug/kg)	4400	172.64 U	190.9 U	172.64 U
m-Nitroaniline	(ug/kg)	500	172.64 U	190.9 U	172.64 U
Naphthalene	(ug/kg)	13000	172.64 U	190.9 U	172.64 U
Nitrobenzene	(ug/kg)	200	172.64 U	190.9 U	172.64 U
N-Nitrosodiphenylamine	(ug/kg)		172.64 U	190.9 U	172.64 U
N-Nitrosodipropylamine	(ug/kg)		172.64 U	190.9 U	172.64 U
o-Cresol	(ug/kg)	100	172.64 U	190.9 U	172.64 U
o-Nitroaniline	(ug/kg)	430	172.64 U	190.9 U	172.64 U
o-Nitrophenol	(ug/kg)	330	172.64 U	190.9 U	172.64 U
p-Chloroaniline	(ug/kg)	220	172.64 U	190.9 U	172.64 U
p-Chloro-m-cresol	(ug/kg)	240	172.64 U	190.9 U	172.64 U
p-Cresol	(ug/kg)	900	172.64 U	190.9 U	172.64 U
Pentachlorophenol	(ug/kg)	1000	172.64 U	190.9 U	172.64 U
Phenanthrene	(ug/kg)	50000	172.64 U	190.9 U	172.64 U
Phenol	(ug/kg)	30	172.64 U	190.9 U	172.64 U
p-Nitroaniline	(ug/kg)		172.64 U	190.9 U	172.64 U
p-Nitrophenol	(ug/kg)	100	172.64 U	190.9 U	172.64 U
Pyrene	(ug/kg)	50000	172.64 U	190.9 U	172.64 U
Sum of Constituents	(ug/kg)		0.00	0.00	0.00
U - Non Detect					

Table 3
Soil Sampling Results
Semivolatile Organic Compounds (SVOCs)
Bluestone Jamaica I, LLC
90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/10/2008 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE		SB-04	SB-04	SB-05
	LAB SAMPLE ID	NYSDEC	0806007_2	0806007_12	0806007_3
	DATE	RSCOs	06/09/2008	06/10/2008	06/09/2008
Starting Depth	(feet)		0.00	38.00	0.00
Ending Depth	(feet)		2.00	40.00	2.00
1,2,4-Trichlorobenzene	(ug/kg)	3400	192.56 U	172.64 U	192.56 U
1,2-Dichlorobenzene	(ug/kg)	7900	192.56 U	172.64 U	192.56 U
1,3-Dichlorobenzene	(ug/kg)	1600	192.56 U	172.64 U	192.56 U
1,4-Dichlorobenzene	(ug/kg)	8500	223.88 U	172.64 U	192.56 U
2,2'-oxybis(1-Chloropropane)	(ug/kg)		192.56 U	172.64 U	192.56 U
2,4,5-Trichlorophenol	(ug/kg)	100	192.56 U	172.64 U	192.56 U
2,4,6-Trichlorophenol	(ug/kg)		192.56 U	172.64 U	192.56 U
2,4-Dichlorophenol	(ug/kg)	400	192.56 U	172.64 U	192.56 U
2,4-Dimethylphenol	(ug/kg)		223.88 U	172.64 U	192.56 U
2,4-Dinitrophenol	(ug/kg)	200	192.56 U	172.64 U	192.56 U
2,4-Dinitrotoluene	(ug/kg)		192.56 U	172.64 U	192.56 U
2,6-Dinitrotoluene	(ug/kg)	1000	192.56 U	172.64 U	192.56 U
2-Chloronaphthalene	(ug/kg)		192.56 U	172.64 U	192.56 U
2-Chlorophenol	(ug/kg)	800	192.56 U	172.64 U	192.56 U
2-Methylnaphthalene	(ug/kg)	36400	192.56 U	172.64 U	192.56 U
3,3-Dichlorobenzidine	(ug/kg)		192.56 U	172.64 U	192.56 U
4,6-Dinitro-o-cresol	(ug/kg)		192.56 U	172.64 U	192.56 U
4-Bromophenyl phenyl ether	(ug/kg)		223.88 U	172.64 U	192.56 U
4-Chlorophenyl phenyl ether	(ug/kg)		192.56 U	172.64 U	192.56 U
Acenaphthene	(ug/kg)	50000	192.56 U	172.64 U	1088.08
Acenaphthylene	(ug/kg)	41000	192.56 U	172.64 U	192.56 U
Anthracene	(ug/kg)	50000	192.56 U	172.64 U	2262
Benzo(a)anthracene	(ug/kg)	224	192.56 U	172.64 U	[5231.6]
Benzo(a)pyrene	(ug/kg)	61	192.56 U	172.64 U	[61480]
Benzo(b)fluoranthene	(ug/kg)	1100	192.56 U	172.64 U	[40600]
Benzo(ghi)perylene	(ug/kg)	50000	192.56 U	172.64 U	27840
Benzo(k)fluoranthene	(ug/kg)	1100	192.56 U	172.64 U	[62640]
Bis(2-chloroethoxy)methane	(ug/kg)		223.88 U	172.64 U	192.56 U
Bis(2-chloroethyl)ether	(ug/kg)		223.88 U	172.64 U	192.56 U
Bis(2-ethylhexyl)phthalate (BEHP)	(ug/kg)	50000	1160 U	1040 U	1160 U
Butyl benzyl phthalate	(ug/kg)	50000	192.56 U	172.64 U	192.56 U
Chrysene	(ug/kg)	400	192.56 U	172.64 U	[5568]
Dibenzo(a,h)anthracene	(ug/kg)	14	192.56 U	172.64 U	192.56 U
Dibenzofuran	(ug/kg)	6200	192.56 U	172.64 U	192.56 U
Diethyl phthalate	(ug/kg)	7100	192.56 U	172.64 U	192.56 U
Dimethyl phthalate	(ug/kg)	2000	192.56 U	172.64 U	192.56 U
Di-n-butyl phthalate	(ug/kg)	8100	1160 U	1040 U	1160 U
U - Non Detect					

Table 3
Soil Sampling Results
Semivolatile Organic Compounds (SVOCs)
Bluestone Jamaica I, LLC
90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/10/2008 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE		SB-04	SB-04	SB-05
	LAB SAMPLE ID	NYSDEC	0806007_2	0806007_12	0806007_3
	DATE	RSCOs	06/09/2008	06/10/2008	06/09/2008
Di-n-octyl phthalate	(ug/kg)	50000	192.56 U	172.64 U	192.56 U
Fluoranthene	(ug/kg)	50000	192.56 U	172.64 U	192.56 U
Fluorene	(ug/kg)	50000	192.56 U	172.64 U	816.64
Hexachlorobenzene	(ug/kg)	410	192.56 U	172.64 U	192.56 U
Hexachlorobutadiene	(ug/kg)		192.56 U	172.64 U	192.56 U
Hexachlorocyclopentadiene	(ug/kg)		232 U	208 U	232 U
Hexachloroethane	(ug/kg)		192.56 U	172.64 U	192.56 U
Indeno(1,2,3-cd)pyrene	(ug/kg)	3200	192.56 U	172.64 U	[33640]
Isophorone	(ug/kg)	4400	192.56 U	172.64 U	192.56 U
m-Nitroaniline	(ug/kg)	500	192.56 U	172.64 U	192.56 U
Naphthalene	(ug/kg)	13000	192.56 U	172.64 U	1357.2
Nitrobenzene	(ug/kg)	200	192.56 U	172.64 U	192.56 U
N-Nitrosodiphenylamine	(ug/kg)		192.56 U	172.64 U	192.56 U
N-Nitrosodipropylamine	(ug/kg)		192.56 U	172.64 U	192.56 U
o-Cresol	(ug/kg)	100	192.56 U	172.64 U	192.56 U
o-Nitroaniline	(ug/kg)	430	192.56 U	172.64 U	192.56 U
o-Nitrophenol	(ug/kg)	330	192.56 U	172.64 U	192.56 U
p-Chloroaniline	(ug/kg)	220	223.88 U	172.64 U	192.56 U
p-Chloro-m-cresol	(ug/kg)	240	192.56 U	172.64 U	192.56 U
p-Cresol	(ug/kg)	900	223.88 U	172.64 U	192.56 U
Pentachlorophenol	(ug/kg)	1000	192.56 U	172.64 U	192.56 U
Phenanthrene	(ug/kg)	50000	192.56 U	172.64 U	11716
Phenol	(ug/kg)	30	223.88 U	172.64 U	192.56 U
p-Nitroaniline	(ug/kg)		223.88 U	172.64 U	192.56 U
p-Nitrophenol	(ug/kg)	100	223.88 U	172.64 U	192.56 U
Pyrene	(ug/kg)	50000	192.56 U	172.64 U	14964
Sum of Constituents	(ug/kg)		0.00	0.00	269203.52

U - Non Detect

Table 3
Soil Sampling Results
Semivolatile Organic Compounds (SVOCs)
Bluestone Jamaica I, LLC
90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/10/2008 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE		SB-05	SB-06	SB-06
	LAB SAMPLE ID	NYSDEC RSCOs	0806007_10 06/09/2008	0806007_6 06/09/2008	0806007_7 06/09/2008
Starting Depth	(feet)		38.00	0.00	38.00
Ending Depth	(feet)		40.00	2.00	40.00
1,2,4-Trichlorobenzene	(ug/kg)	3400	174.3 U	189.24 U	170.98 U
1,2-Dichlorobenzene	(ug/kg)	7900	174.3 U	189.24 U	170.98 U
1,3-Dichlorobenzene	(ug/kg)	1600	174.3 U	189.24 U	170.98 U
1,4-Dichlorobenzene	(ug/kg)	8500	174.3 U	189.24 U	170.98 U
2,2'-oxybis(1-Chloropropane)	(ug/kg)		174.3 U	189.24 U	170.98 U
2,4,5-Trichlorophenol	(ug/kg)	100	174.3 U	189.24 U	170.98 U
2,4,6-Trichlorophenol	(ug/kg)		174.3 U	189.24 U	170.98 U
2,4-Dichlorophenol	(ug/kg)	400	174.3 U	189.24 U	170.98 U
2,4-Dimethylphenol	(ug/kg)		174.3 U	189.24 U	170.98 U
2,4-Dinitrophenol	(ug/kg)	200	174.3 U	189.24 U	170.98 U
2,4-Dinitrotoluene	(ug/kg)		174.3 U	189.24 U	170.98 U
2,6-Dinitrotoluene	(ug/kg)	1000	174.3 U	189.24 U	170.98 U
2-Chloronaphthalene	(ug/kg)		174.3 U	189.24 U	170.98 U
2-Chlorophenol	(ug/kg)	800	174.3 U	189.24 U	170.98 U
2-Methylnaphthalene	(ug/kg)	36400	174.3 U	189.24 U	170.98 U
3,3-Dichlorobenzidine	(ug/kg)		174.3 U	189.24 U	170.98 U
4,6-Dinitro-o-cresol	(ug/kg)		174.3 U	189.24 U	170.98 U
4-Bromophenyl phenyl ether	(ug/kg)		174.3 U	189.24 U	170.98 U
4-Chlorophenyl phenyl ether	(ug/kg)		174.3 U	189.24 U	170.98 U
Acenaphthene	(ug/kg)	50000	174.3 U	189.24 U	170.98 U
Acenaphthylene	(ug/kg)	41000	174.3 U	189.24 U	170.98 U
Anthracene	(ug/kg)	50000	174.3 U	189.24 U	170.98 U
Benzo(a)anthracene	(ug/kg)	224	174.3 U	189.24 U	170.98 U
Benzo(a)pyrene	(ug/kg)	61	174.3 U	189.24 U	170.98 U
Benzo(b)fluoranthene	(ug/kg)	1100	174.3 U	189.24 U	170.98 U
Benzo(ghi)perylene	(ug/kg)	50000	174.3 U	189.24 U	170.98 U
Benzo(k)fluoranthene	(ug/kg)	1100	174.3 U	189.24 U	170.98 U
Bis(2-chloroethoxy)methane	(ug/kg)		174.3 U	189.24 U	170.98 U
Bis(2-chloroethyl)ether	(ug/kg)		174.3 U	189.24 U	170.98 U
Bis(2-ethylhexyl)phthalate (BEHP)	(ug/kg)	50000	1050 U	1140 U	1030 U
Butyl benzyl phthalate	(ug/kg)	50000	174.3 U	189.24 U	170.98 U
Chrysene	(ug/kg)	400	174.3 U	189.24 U	170.98 U
Dibenzo(a,h)anthracene	(ug/kg)	14	174.3 U	189.24 U	170.98 U
Dibenzofuran	(ug/kg)	6200	174.3 U	189.24 U	170.98 U
Diethyl phthalate	(ug/kg)	7100	174.3 U	189.24 U	170.98 U
Dimethyl phthalate	(ug/kg)	2000	174.3 U	189.24 U	170.98 U
Di-n-butyl phthalate	(ug/kg)	8100	1050 U	1140 U	1030 U
U - Non Detect					

Table 3
Soil Sampling Results
Semivolatile Organic Compounds (SVOCs)
Bluestone Jamaica I, LLC
90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/10/2008 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE		SB-05	SB-06	SB-06
	LAB SAMPLE ID	NYSDEC	0806007_10	0806007_6	0806007_7
	DATE	RSCOs	06/09/2008	06/09/2008	06/09/2008
Di-n-octyl phthalate	(ug/kg)	50000	174.3 U	189.24 U	170.98 U
Fluoranthene	(ug/kg)	50000	174.3 U	189.24 U	170.98 U
Fluorene	(ug/kg)	50000	174.3 U	189.24 U	170.98 U
Hexachlorobenzene	(ug/kg)	410	174.3 U	189.24 U	170.98 U
Hexachlorobutadiene	(ug/kg)		174.3 U	189.24 U	170.98 U
Hexachlorocyclopentadiene	(ug/kg)		210 U	228 U	206 U
Hexachloroethane	(ug/kg)		174.3 U	189.24 U	170.98 U
Indeno(1,2,3-cd)pyrene	(ug/kg)	3200	174.3 U	189.24 U	170.98 U
Isophorone	(ug/kg)	4400	174.3 U	189.24 U	170.98 U
m-Nitroaniline	(ug/kg)	500	174.3 U	189.24 U	170.98 U
Naphthalene	(ug/kg)	13000	174.3 U	189.24 U	170.98 U
Nitrobenzene	(ug/kg)	200	174.3 U	189.24 U	170.98 U
N-Nitrosodiphenylamine	(ug/kg)		174.3 U	189.24 U	170.98 U
N-Nitrosodipropylamine	(ug/kg)		174.3 U	189.24 U	170.98 U
o-Cresol	(ug/kg)	100	174.3 U	189.24 U	170.98 U
o-Nitroaniline	(ug/kg)	430	174.3 U	189.24 U	170.98 U
o-Nitrophenol	(ug/kg)	330	174.3 U	189.24 U	170.98 U
p-Chloroaniline	(ug/kg)	220	174.3 U	189.24 U	170.98 U
p-Chloro-m-cresol	(ug/kg)	240	174.3 U	189.24 U	170.98 U
p-Cresol	(ug/kg)	900	174.3 U	189.24 U	170.98 U
Pentachlorophenol	(ug/kg)	1000	174.3 U	189.24 U	170.98 U
Phenanthrene	(ug/kg)	50000	174.3 U	189.24 U	170.98 U
Phenol	(ug/kg)	30	174.3 U	189.24 U	170.98 U
p-Nitroaniline	(ug/kg)		174.3 U	189.24 U	170.98 U
p-Nitrophenol	(ug/kg)	100	174.3 U	189.24 U	170.98 U
Pyrene	(ug/kg)	50000	174.3 U	189.24 U	170.98 U
Sum of Constituents	(ug/kg)		0.00	0.00	0.00
U - Non Detect					

Table 3
Soil Sampling Results
Metals
Bluestone Jamaica I, LLC
90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/10/2008 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE		SB-01	SB-01	SB-02
	LAB SAMPLE ID	NYSDEC	0806007_1	0806007_13	0806007_4
	DATE	RSCOs	06/09/2008	06/10/2008	06/09/2008
Starting Depth	(feet)		0.00	38.00	0.00
Ending Depth	(feet)		2.00	40.00	2.00
Aluminum	(mg/kg)		4900	2100	3700
Antimony	(mg/kg)		1.1 U	1.0 U	1.1 U
Arsenic	(mg/kg)	7.5	4.9	1.0 U	3.4
Barium	(mg/kg)	300	110	15	130
Beryllium	(mg/kg)	0.16	[0.39]	0.13	[0.23]
Cadmium	(mg/kg)	10	0.66	0.5 U	0.57
Calcium	(mg/kg)		20000	470	18000
Chromium	(mg/kg)	50	11	6.1	8.9
Cobalt	(mg/kg)	30	4.7	2.6	3.2
Copper	(mg/kg)	25	20	4.5	[26]
Iron	(mg/kg)	2000	[13000]	[6000]	[8200]
Lead	(mg/kg)	500	460	0.98	360
Magnesium	(mg/kg)		8000	980	9100
Manganese	(mg/kg)		230	10	190
Mercury	(mg/kg)	0.1	[0.84]	0.0052 U	0.096
Nickel	(mg/kg)	13	10	10	8.7
Potassium	(mg/kg)		740	550	620
Selenium	(mg/kg)	2	1.1 U	1.0 U	1.1 U
Silver	(mg/kg)		1.8	0.52 U	0.79
Sodium	(mg/kg)		370	100 U	190
Thallium	(mg/kg)		1.1 U	1.0 U	1.1 U
Vanadium	(mg/kg)	150	14	6.8	18
Zinc	(mg/kg)	20	[180]	10	[130]

U - Non Detect

Table 3
Soil Sampling Results
Metals
Bluestone Jamaica I, LLC
90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/10/2008 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE	NYSDEC RSCOs	SB-02	SB-03	SB-03
	LAB SAMPLE ID		0806007_11	0806007_5	0806007_9
	DATE		06/10/2008	06/09/2008	06/09/2008
Starting Depth	(feet)		39.00	0.00	38.00
Ending Depth	(feet)		41.00	2.00	40.00
Aluminum	(mg/kg)		1900	12000	2000
Antimony	(mg/kg)		1.0 U	1.2	1.0 U
Arsenic	(mg/kg)	7.5	1.0 U	4.6	1.0 U
Barium	(mg/kg)	300	16	110	18
Beryllium	(mg/kg)	0.16	0.14	[0.52]	0.13
Cadmium	(mg/kg)	10	1.0 U	0.71	0.52 U
Calcium	(mg/kg)		500	2900	530
Chromium	(mg/kg)	50	5.2	15	5.0
Cobalt	(mg/kg)	30	2.8	7.8	2.3
Copper	(mg/kg)	25	5.0	[38]	3.8
Iron	(mg/kg)	2000	[6300]	[12000]	[5100]
Lead	(mg/kg)	500	1.7	380	1.0 U
Magnesium	(mg/kg)		770	2100	750
Manganese	(mg/kg)		200	520	97
Mercury	(mg/kg)	0.1	0.0052 U	[0.26]	0.0052 U
Nickel	(mg/kg)	13	10	13	8.1
Potassium	(mg/kg)		420	660	550
Selenium	(mg/kg)	2	1 U	1.2 U	1.0 U
Silver	(mg/kg)		0.52 U	0.59 U	0.52 U
Sodium	(mg/kg)		100 U	160	100 U
Thallium	(mg/kg)		1.0 U	1.2 U	1.0 U
Vanadium	(mg/kg)	150	5.6	20	5.4
Zinc	(mg/kg)	20	10	[82]	9.1

U - Non Detect

Table 3
Soil Sampling Results
Metals
Bluestone Jamaica I, LLC
90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/10/2008 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE	NYSDEC RSCOs	SB-04	SB-04	SB-05
	LAB SAMPLE ID		0806007_2	0806007_12	0806007_3
	DATE		06/09/2008	06/10/2008	06/09/2008
Starting Depth	(feet)		0.00	38.00	0.00
Ending Depth	(feet)		2.00	40.00	2.00
Aluminum	(mg/kg)		12000	2700	9900
Antimony	(mg/kg)		1.4	1.0 U	1.2 U
Arsenic	(mg/kg)	7.5	3.8	1.0 U	5.2
Barium	(mg/kg)	300	98	18	130
Beryllium	(mg/kg)	0.16	[0.57]	[0.17]	[0.63]
Cadmium	(mg/kg)	10	0.60	0.52 U	0.79
Calcium	(mg/kg)		4500	920	7100
Chromium	(mg/kg)	50	15	8.2	15
Cobalt	(mg/kg)	30	5.2	2.7	5.1
Copper	(mg/kg)	25	14	5.7	[79]
Iron	(mg/kg)	2000	[11000]	[13000]	[11000]
Lead	(mg/kg)	500	130	1.5	380
Magnesium	(mg/kg)		3200	880	2900
Manganese	(mg/kg)		24	260	320
Mercury	(mg/kg)	0.1	[0.17]	0.0052 U	[0.39]
Nickel	(mg/kg)	13	11	[14]	13
Potassium	(mg/kg)		740	500	690
Selenium	(mg/kg)	2	1.2 U	1.0 U	1.2 U
Silver	(mg/kg)		0.86	0.52 U	0.6 U
Sodium	(mg/kg)		380	100 U	310
Thallium	(mg/kg)		1.2 U	1.0 U	1.2 U
Vanadium	(mg/kg)	150	20	9.7	27
Zinc	(mg/kg)	20	[61]	11	[230]

U - Non Detect

Table 3
Soil Sampling Results
Metals
Bluestone Jamaica I, LLC
90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/10/2008 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE	NYSDEC RSCOs	SB-05	SB-06	SB-06
	LAB SAMPLE ID		0806007_10	0806007_6	0806007_7
	DATE		06/09/2008	06/09/2008	06/09/2008
Starting Depth	(feet)		38.00	0.00	38.00
Ending Depth	(feet)		40.00	2.00	40.00
Aluminum	(mg/kg)		4700	10000	2200
Antimony	(mg/kg)		1.2	1.2 U	1.0 U
Arsenic	(mg/kg)	7.5	1.1 U	4.2	1.0 U
Barium	(mg/kg)	300	18	120	27
Beryllium	(mg/kg)	0.16	[0.27]	[0.53]	0.12
Cadmium	(mg/kg)	10	0.79	0.62	0.52 U
Calcium	(mg/kg)		540	3600	650
Chromium	(mg/kg)	50	17	15	6.3
Cobalt	(mg/kg)	30	2.8	4.7	4.5
Copper	(mg/kg)	25	6.2	[49]	4.8
Iron	(mg/kg)	2000	[20000]	[11000]	[6100]
Lead	(mg/kg)	500	1.7	170	2.1
Magnesium	(mg/kg)		760	2100	810
Manganese	(mg/kg)		190	310	210
Mercury	(mg/kg)	0.1	0.0052 U	[0.30]	0.0052 U
Nickel	(mg/kg)	13	[19]	11	11
Potassium	(mg/kg)		570	620	670
Selenium	(mg/kg)	2	1.1 U	1.2 U	1.0 U
Silver	(mg/kg)		0.53 U	0.58 U	0.52 U
Sodium	(mg/kg)		110 U	160	100 U
Thallium	(mg/kg)		1.1 U	1.2 U	1.0 U
Vanadium	(mg/kg)	150	19	22	6.2
Zinc	(mg/kg)	20	15	[69]	10

U - Non Detect

Table 3
Soil Sampling Results
Polychlorinated Biphenyls (PCBs)
Bluestone Jamaica I, LLC
90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/10/2008 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE		SB-01	SB-01	SB-02
	LAB SAMPLE ID	NYSDEC	0806007_1	0806007_13	0806007_4
	DATE	RSCOs	06/09/2008	06/10/2008	06/09/2008
Starting Depth	(feet)		0.00	38.00	0.00
Ending Depth	(feet)		2.00	40.00	2.00
Aroclor 1016	(ug/kg)		193.32 U	172.64 U	175.96 U
Aroclor 1221	(ug/kg)		193.32 U	172.64 U	175.96 U
Aroclor 1232	(ug/kg)		193.32 U	172.64 U	175.96 U
Aroclor 1242	(ug/kg)		193.32 U	172.64 U	175.96 U
Aroclor 1248	(ug/kg)		193.32 U	172.64 U	175.96 U
Aroclor 1254	(ug/kg)		193.32 U	172.64 U	175.96 U
Aroclor 1260	(ug/kg)		193.32 U	172.64 U	175.96 U
Sum of Constituents	(ug/kg)		0.00	0.00	0.00
U - Non Detect					

Table 3
 Soil Sampling Results
 Polychlorinated Biphenyls (PCBs)
 Bluestone Jamaica I, LLC
 90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/10/2008 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE LAB SAMPLE ID DATE	NYSDEC RSCOs	SB-02 0806007_11 06/10/2008	SB-03 0806007_5 06/09/2008	SB-03 0806007_9 06/09/2008
Starting Depth	(feet)		39.00	0.00	38.00
Ending Depth	(feet)		41.00	2.00	40.00
Aroclor 1016	(ug/kg)		172.64 U	190.9 U	172.64 U
Aroclor 1221	(ug/kg)		172.64 U	190.9 U	172.64 U
Aroclor 1232	(ug/kg)		172.64 U	190.9 U	172.64 U
Aroclor 1242	(ug/kg)		172.64 U	190.9 U	172.64 U
Aroclor 1248	(ug/kg)		172.64 U	190.9 U	172.64 U
Aroclor 1254	(ug/kg)		172.64 U	190.9 U	172.64 U
Aroclor 1260	(ug/kg)		172.64 U	190.9 U	172.64 U
Sum of Constituents	(ug/kg)		0.00	0.00	0.00

U - Non Detect

Table 3
Soil Sampling Results
Polychlorinated Biphenyls (PCBs)
Bluestone Jamaica I, LLC
90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/10/2008 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE		SB-04	SB-04	SB-05
	LAB SAMPLE ID	NYSDEC	0806007_2	0806007_12	0806007_3
	DATE	RSCOs	06/09/2008	06/10/2008	06/09/2008
Starting Depth	(feet)		0.00	38.00	0.00
Ending Depth	(feet)		2.00	40.00	2.00
Aroclor 1016	(ug/kg)		223.88 U	172.64 U	192.56 U
Aroclor 1221	(ug/kg)		223.88 U	172.64 U	192.56 U
Aroclor 1232	(ug/kg)		223.88 U	172.64 U	192.56 U
Aroclor 1242	(ug/kg)		223.88 U	172.64 U	192.56 U
Aroclor 1248	(ug/kg)		223.88 U	172.64 U	192.56 U
Aroclor 1254	(ug/kg)		223.88 U	172.64 U	192.56 U
Aroclor 1260	(ug/kg)		223.88 U	172.64 U	192.56 U
Sum of Constituents	(ug/kg)		0.00	0.00	0.00

U - Non Detect

Table 3
 Soil Sampling Results
 Polychlorinated Biphenyls (PCBs)
 Bluestone Jamaica I, LLC
 90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/10/2008 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE		SB-05	SB-06	SB-06
	LAB SAMPLE ID	NYSDEC	0806007_10	0806007_6	0806007_7
	DATE	RSCOs	06/09/2008	06/09/2008	06/09/2008
Starting Depth	(feet)		38.00	0.00	38.00
Ending Depth	(feet)		40.00	2.00	40.00
Aroclor 1016	(ug/kg)		174.3 U	189.24 U	170.98 U
Aroclor 1221	(ug/kg)		174.3 U	189.24 U	170.98 U
Aroclor 1232	(ug/kg)		174.3 U	189.24 U	170.98 U
Aroclor 1242	(ug/kg)		174.3 U	189.24 U	170.98 U
Aroclor 1248	(ug/kg)		174.3 U	189.24 U	170.98 U
Aroclor 1254	(ug/kg)		174.3 U	189.24 U	170.98 U
Aroclor 1260	(ug/kg)		174.3 U	189.24 U	170.98 U
Sum of Constituents	(ug/kg)		0.00	0.00	0.00
U - Non Detect					

Table 4
Soil Analytical Results
Exceeding the RCSOs

Table 4
 Soil Sampling Results
 Exceedances ONLY
 Bluestone Jamaica I, LLC
 90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/10/2008 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE LAB SAMPLE ID DATE	NYSDEC RSCOs	SB-01 0806007_1 06/09/2008	SB-01 0806007_13 06/10/2008	SB-02 0806007_4 06/09/2008	SB-02 0806007_11 06/10/2008	SB-03 0806007_5 06/09/2008
Starting Depth	(feet)						
Ending Depth	(feet)						
1,2,4-Trimethylbenzene	(ug/kg)	13000					
1,3,5-Trimethylbenzene	(ug/kg)	3300					
Acenaphthene	(ug/kg)	50000					
Aluminum	(mg/kg)						
Anthracene	(ug/kg)	50000					
Antimony	(mg/kg)						
Arsenic	(mg/kg)	7.5					
Barium	(mg/kg)	300					
Benzo(a)anthracene	(ug/kg)	224					
Benzo(a)pyrene	(ug/kg)	61					
Benzo(b)fluoranthene	(ug/kg)	1100					
Benzo(ghi)perylene	(ug/kg)	50000					
Benzo(k)fluoranthene	(ug/kg)	1100					
Beryllium	(mg/kg)	0.16	[0.39]		[0.23]		[0.52]
Cadmium	(mg/kg)	10					
Calcium	(mg/kg)						
Chromium	(mg/kg)	50					
Chrysene	(ug/kg)	400					
Cobalt	(mg/kg)	30					

Table 4
Soil Sampling Results
Exceedances ONLY
Bluestone Jamaica I, LLC
90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/10/2008 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE LAB SAMPLE ID DATE	NYSDEC RSCOs	SB-01 0806007_1 06/09/2008	SB-01 0806007_13 06/10/2008	SB-02 0806007_4 06/09/2008	SB-02 0806007_11 06/10/2008	SB-03 0806007_5 06/09/2008
Copper	(mg/kg)	25			[26]		[38]
Fluorene	(ug/kg)	50000					
Indeno(1,2,3-cd)pyrene	(ug/kg)	3200					
Iron	(mg/kg)	2000	[13000]	[6000]	[8200]	[6300]	[12000]
Lead	(mg/kg)	500					
Magnesium	(mg/kg)						
Manganese	(mg/kg)						
Mercury	(mg/kg)	0.1	[0.84]				[0.26]
Naphthalene	(ug/kg)	13000					
Nickel	(mg/kg)	13					
n-Propylbenzene	(ug/kg)	14000					
Phenanthrene	(ug/kg)	50000					
Potassium	(mg/kg)						
Pyrene	(ug/kg)	50000					
Silver	(mg/kg)						
Sodium	(mg/kg)						
Toluene	(ug/kg)	1500					
Vanadium	(mg/kg)	150					
Zinc	(mg/kg)	20	[180]		[130]		[82]

Table 4
 Soil Sampling Results
 Exceedances ONLY
 Bluestone Jamaica I, LLC
 90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/10/2008 - Inclusive
 SAMPLE TYPE: Soil

CONSTITUENT	SITE LAB SAMPLE ID DATE	NYSDEC RSCOs	SB-03 0806007_9 06/09/2008	SB-04 0806007_2 06/09/2008	SB-04 0806007_12 06/10/2008	SB-05 0806007_3 06/09/2008	SB-05 0806007_10 06/09/2008
Starting Depth	(feet)						
Ending Depth	(feet)						
1,2,4-Trimethylbenzene	(ug/kg)	13000					
1,3,5-Trimethylbenzene	(ug/kg)	3300					
Acenaphthene	(ug/kg)	50000					
Aluminum	(mg/kg)						
Anthracene	(ug/kg)	50000					
Antimony	(mg/kg)						
Arsenic	(mg/kg)	7.5					
Barium	(mg/kg)	300					
Benzo(a)anthracene	(ug/kg)	224				[5231.6]	
Benzo(a)pyrene	(ug/kg)	61				[61480]	
Benzo(b)fluoranthene	(ug/kg)	1100				[40600]	
Benzo(ghi)perylene	(ug/kg)	50000					
Benzo(k)fluoranthene	(ug/kg)	1100				[62640]	
Beryllium	(mg/kg)	0.16		[0.57]	[0.17]	[0.63]	[0.27]
Cadmium	(mg/kg)	10					
Calcium	(mg/kg)						
Chromium	(mg/kg)	50					
Chrysene	(ug/kg)	400				[5568]	
Cobalt	(mg/kg)	30					

Table 4
Soil Sampling Results
Exceedances ONLY
Bluestone Jamaica I, LLC
90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/10/2008 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE LAB SAMPLE ID DATE	NYSDEC RSCOs	SB-03	SB-04	SB-04	SB-05	SB-05
			0806007_9 06/09/2008	0806007_2 06/09/2008	0806007_12 06/10/2008	0806007_3 06/09/2008	0806007_10 06/09/2008
Copper	(mg/kg)	25				[79]	
Fluorene	(ug/kg)	50000					
Indeno(1,2,3-cd)pyrene	(ug/kg)	3200				[33640]	
Iron	(mg/kg)	2000	[5100]	[11000]	[13000]	[11000]	[20000]
Lead	(mg/kg)	500					
Magnesium	(mg/kg)						
Manganese	(mg/kg)						
Mercury	(mg/kg)	0.1		[0.17]		[0.39]	
Naphthalene	(ug/kg)	13000					
Nickel	(mg/kg)	13			[14]		[19]
n-Propylbenzene	(ug/kg)	14000					
Phenanthrene	(ug/kg)	50000					
Potassium	(mg/kg)						
Pyrene	(ug/kg)	50000					
Silver	(mg/kg)						
Sodium	(mg/kg)						
Toluene	(ug/kg)	1500					
Vanadium	(mg/kg)	150					
Zinc	(mg/kg)	20		[61]		[230]	

Table 4
 Soil Sampling Results
 Exceedances ONLY
 Bluestone Jamaica I, LLC
 90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/10/2008 - Inclusive
 SAMPLE TYPE: Soil

CONSTITUENT	SITE LAB SAMPLE ID DATE	NYSDEC RSCOs	SB-06 0806007_6 06/09/2008	SB-06 0806007_7 06/09/2008
Starting Depth	(feet)			
Ending Depth	(feet)			
1,2,4-Trimethylbenzene	(ug/kg)	13000		
1,3,5-Trimethylbenzene	(ug/kg)	3300		
Acenaphthene	(ug/kg)	50000		
Aluminum	(mg/kg)			
Anthracene	(ug/kg)	50000		
Antimony	(mg/kg)			
Arsenic	(mg/kg)	7.5		
Barium	(mg/kg)	300		
Benzo(a)anthracene	(ug/kg)	224		
Benzo(a)pyrene	(ug/kg)	61		
Benzo(b)fluoranthene	(ug/kg)	1100		
Benzo(ghi)perylene	(ug/kg)	50000		
Benzo(k)fluoranthene	(ug/kg)	1100		
Beryllium	(mg/kg)	0.16	[0.53]	
Cadmium	(mg/kg)	10		
Calcium	(mg/kg)			
Chromium	(mg/kg)	50		
Chrysene	(ug/kg)	400		
Cobalt	(mg/kg)	30		

Table 4
Soil Sampling Results
Exceedances ONLY
Bluestone Jamaica I, LLC
90-11 & 90-14 161st Street, Queens, New York

PERIOD: From 06/09/2008 thru 06/10/2008 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE LAB SAMPLE ID DATE	NYSDEC RSCOs	SB-06 0806007_6 06/09/2008	SB-06 0806007_7 06/09/2008
Copper	(mg/kg)	25	[49]	
Fluorene	(ug/kg)	50000		
Indeno(1,2,3-cd)pyrene	(ug/kg)	3200		
Iron	(mg/kg)	2000	[11000]	[6100]
Lead	(mg/kg)	500		
Magnesium	(mg/kg)			
Manganese	(mg/kg)			
Mercury	(mg/kg)	0.1	[0.30]	
Naphthalene	(ug/kg)	13000		
Nickel	(mg/kg)	13		
n-Propylbenzene	(ug/kg)	14000		
Phenanthrene	(ug/kg)	50000		
Potassium	(mg/kg)			
Pyrene	(ug/kg)	50000		
Silver	(mg/kg)			
Sodium	(mg/kg)			
Toluene	(ug/kg)	1500		
Vanadium	(mg/kg)	150		
Zinc	(mg/kg)	20	[69]	

APPENDIX C

Soil Gas Sampling Logs



Environmental Resources Management
40 Marcus Dr, Suite 200
Melville, NY 11747
 Phone: (631) 756-8900
 Fax: (631) 756-8901

Project #:
 Project Name:
 Location: Jamaica
 Project Manager: Chirs O'Leary

Sample Location:	Bluestone Jamaica	Collector(s):	KP
Address:	160th to 161st Street		BL
PID Meter Used: (Model, Serial #)	MiniRae Serial Number 110-013603	Building No:	

SUMMA Canister Record:

Soil Vapor Sample							
Sample ID:	SV-01	Sample ID:	SV-02	Sample ID:	SV-03	Sample ID:	SV-04
Canister Serial No.:	A828	Canister Serial No.:	A017	Canister Serial No.:	A311	Canister Serial No.:	A460
Flow Controller Id No:	FC162	Flow Controller Id No:	FC367	Flow Controller Id No:	FC439	Flow Controller Id No:	FC268
Start Date/Time:	6/15/2012 09:09	Start Date/Time:	6/15/12 09:10	Start Date/Time:	6/15/12 09:11	Start Date/Time:	6/15/12 09:12
Start Pressure: (inches Hg)	-30+	Start Pressure: (inches Hg)	-30	Start Pressure: (inches Hg)	-30+	Start Pressure: (inches Hg)	-30+
Stop Date/Time:	6/15/2012 11:08	Stop Date/Time:	6/15/2012 11:09	Stop Date/Time:	6/15/2012 11:10	Stop Date/Time:	6/15/2012 11:11
Stop Pressure: (inches Hg)	-8						

Other Sampling Information:

PID Reading (ppm) Room & as purged	1.3	PID Reading (ppm) Room & as purged	0.9	PID Reading (ppm) Room & as purged	1	PID Reading (ppm) Room & as purged	0.8
Depth of Vapor Probe?	13-13.5'bgs	Depth of Vapor Probe?	13-13.5'bgs	Depth of Vapor Probe?	13-13.5'bgs	Depth of Vapor Probe?	13-13.5'bgs
Distance from Building	48'	Distance from Building	48'	Distance from Building	32'	Distance from Building	32'
Intake Height Above Ground Level (ft.)	NA	Intake Height Above Ground Level (ft.)	NA	Intake Height Above Ground Level (ft.)	NA	Intake Height Above Ground Level (ft.)	NA
Intake Tubing Used?	Poly	Ground Surface Condition (Crawl Space Only)	Poly	Ground Surface Condition (Crawl Space Only)	Poly	Ground Surface Condition (Crawl Space Only)	Poly
Distance to nearest Roadway (ft.)	25'	Distance to nearest Roadway (ft.)	25'	Distance to nearest Roadway (ft.)	25'	Distance to nearest Roadway (ft.)	25'
Noticeable Odor?	No	Noticeable Odor?	No	Noticeable Odor?	No	Noticeable Odor?	No
Duplicate Sample?	No	Duplicate Sample?	No	Duplicate Sample?	No	Duplicate Sample?	No

Comments:

Helium tested all points. All points passed with 0.0ppm helium detected.

Signature: _____

APPENDIX D

Laboratory Reports in Digital Format



United Chemists

59-8 Central Avenue, Farmingdale, NY 11735
Phone - (516) 662-5038

NYS Lab ID # 11866

06/19/2008

Client: Environmental Resource Management
520 Broadhollow Road
Melville, NY 11741

Project: Bluestone

Laboratory Identifier: 0806007
Received: 06/10/2008

Respectfully submitted,

 C. DOMARADZKI

Laboratory Director



Volatile Compounds by EPA Method 8260B

Sample: 0806007-1

Client Sample ID: SB-01 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	5.40	5.40	ug/kg	U
71-55-6	1,1,1-Trichloroethane	5.40	5.40	ug/kg	U
79-34-5	1,1,2,2-Tetrachloroethane	5.40	5.40	ug/kg	U
79-00-5	1,1,2-Trichloroethane	5.40	5.40	ug/kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	5.40	5.40	ug/kg	U
75-34-3	1,1-Dichloroethane	5.40	5.40	ug/kg	U
75-35-4	1,1-Dichloroethene	5.40	5.40	ug/kg	U
563-58-6	1,1-Dichloropropene	5.40	5.40	ug/kg	U
87-61-6	1,2,3-Trichlorobenzene	5.40	5.40	ug/kg	U
96-18-4	1,2,3-Trichloropropane	5.40	5.40	ug/kg	U
120-82-1	1,2,4-Trichlorobenzene	5.40	5.40	ug/kg	U
95-63-6	1,2,4-Trimethylbenzene	5.40	8.64	ug/kg	
106-93-4	1,2-Dibromoethane	5.40	5.40	ug/kg	U
95-50-1	1,2-Dichlorobenzene	5.40	5.40	ug/kg	U
107-06-2	1,2-Dichloroethane	5.40	5.40	ug/kg	U
78-87-5	1,2-Dichloropropane	5.40	5.40	ug/kg	U
108-67-8	1,3,5-Trimethylbenzene	5.40	5.40	ug/kg	U
541-73-1	1,3-Dichlorobenzene	5.40	5.40	ug/kg	U
142-28-9	1,3-Dichloropropane	5.40	5.40	ug/kg	U
106-46-7	1,4-Dichlorobenzene	5.40	5.40	ug/kg	U
78-93-3	2-Butanone	5.40	5.40	ug/kg	U
95-49-8	2-Chlorotoluene	5.40	5.40	ug/kg	U
75-27-4	Bromodichloromethane	5.40	5.40	ug/kg	U
106-43-4	4-Chlorotoluene	5.40	5.40	ug/kg	U
79-46-9	2-Nitropropane	5.40	5.40	ug/kg	U
108-10-1	4-Methyl-2-pentanone	5.40	5.40	ug/kg	U
67-64-1	Acetone	27.0	27.0	ug/kg	U
107-13-1	Acrylonitrile	5.40	5.40	ug/kg	U
107-05-1	Allyl chloride	5.40	5.40	ug/kg	U
71-43-2	Benzene	5.40	5.40	ug/kg	U
108-86-1	Bromobenzene	5.40	5.40	ug/kg	U
74-97-5	Bromochloromethane	5.40	5.40	ug/kg	U
75-25-2	Bromoform	5.40	5.40	ug/kg	U
74-83-9	Bromomethane	5.40	5.40	ug/kg	U



Volatile Compounds by EPA Method 8260B

Sample: 0806007-1

Client Sample ID: SB-01 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
75-15-0	Carbon disulfide	5.40	5.40	ug/kg	U
56-23-5	Carbon tetrachloride	5.40	5.40	ug/kg	U
108-90-7	Chlorobenzene	5.40	5.40	ug/kg	U
75-45-6	Chlorodifluoromethane	27.0	27.0	ug/kg	U
75-00-3	Chloroethane	5.40	5.40	ug/kg	U
67-66-3	Chloroform	5.40	5.40	ug/kg	U
74-87-3	Chloromethane	5.40	5.40	ug/kg	U
124-48-1	Dibromochloromethane	5.40	5.40	ug/kg	U
74-95-3	Dibromomethane	5.40	5.40	ug/kg	U
126-99-8	Chloroprene	5.40	5.40	ug/kg	U
75-71-8	Dichlorodifluoromethane	5.40	5.40	ug/kg	U
60-29-7	Diethyl ether	5.40	5.40	ug/kg	U
108-20-3	Diisopropylether	5.40	5.40	ug/kg	U
64-17-5	Ethanol	270	270	ug/kg	U
637-92-3	Ethyl tert-butyl ether	5.40	5.40	ug/kg	U
100-41-4	Ethylbenzene	5.40	5.40	ug/kg	U
87-68-3	Hexachlorobutadiene	5.40	5.40	ug/kg	U
98-82-8	Isopropylbenzene	5.40	5.40	ug/kg	U
126-98-7	Methacrylonitrile	5.40	5.40	ug/kg	U
1634-04-4	Methyl t-butyl ether	5.40	5.40	ug/kg	U
96-33-3	Methyl methacrylate	5.40	5.40	ug/kg	U
75-09-2	Methylene chloride	5.40	5.40	ug/kg	U
91-20-3	Naphthalene	5.40	6.48	ug/kg	
100-42-5	Styrene	5.40	5.40	ug/kg	U
75-65-0	Tertiary butyl alcohol	5.40	5.40	ug/kg	U
127-18-4	Tetrachloroethylene	5.40	5.40	ug/kg	U
108-88-3	Toluene	5.40	5.40	ug/kg	U
79-01-6	Trichloroethene	5.40	5.40	ug/kg	U
75-69-4	Trichlorofluoromethane	5.40	5.40	ug/kg	U
108-05-4	Vinyl Acetate	5.40	5.40	ug/kg	U
75-01-4	Vinylchloride	5.40	5.40	ug/kg	U
156-59-2	cis-1,2-Dichloroethene	5.40	5.40	ug/kg	U
10061-01-5	cis-1,3-Dichloro-1-propene	5.40	5.40	ug/kg	U
108-38-3	m+p-Xylene	5.40	5.40	ug/kg	U



United Chemists
59-8 Central Avenue, Farmingdale, NY 11735
Phone - (516) 662-5038

NYS Lab ID # 11866

06/19/2008

Volatile Compounds by EPA Method 8260B

Sample: 0806007-1

Client Sample ID: SB-01 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
104-51-8	n-Butylbenzene	5.40	5.40	ug/kg	U
103-65-1	n-Propylbenzene	5.40	5.40	ug/kg	U
95-47-6	o-Xylene	5.40	5.40	ug/kg	U
99-87-6	p-Isopropyltoluene	5.40	5.40	ug/kg	U
135-98-8	sec-Butylbenzene	5.40	5.40	ug/kg	U
98-06-6	tert-Butylbenzene	5.40	5.40	ug/kg	U
75-85-4	tert-amyl alcohol	5.40	5.40	ug/kg	U
994-05-8	tert-amyl methyl ether	5.40	5.40	ug/kg	U
156-60-5	trans-1,2-Dichloroethene	5.40	5.40	ug/kg	U



Volatile Compounds by EPA Method 8260B

Sample: 0806007-2

Client Sample ID: SB-04 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	6.96	6.96	ug/kg	U
71-55-6	1,1,1-Trichloroethane	6.96	6.96	ug/kg	U
79-34-5	1,1,2,2-Tetrachloroethane	6.96	6.96	ug/kg	U
79-00-5	1,1,2-Trichloroethane	6.96	6.96	ug/kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	6.96	6.96	ug/kg	U
75-34-3	1,1-Dichloroethane	6.96	6.96	ug/kg	U
75-35-4	1,1-Dichloroethene	6.96	6.96	ug/kg	U
563-58-6	1,1-Dichloropropene	6.96	6.96	ug/kg	U
87-61-6	1,2,3-Trichlorobenzene	6.96	6.96	ug/kg	U
96-18-4	1,2,3-Trichloropropane	6.96	6.96	ug/kg	U
120-82-1	1,2,4-Trichlorobenzene	6.96	6.96	ug/kg	U
95-63-6	1,2,4-Trimethylbenzene	6.96	6.96	ug/kg	U
106-93-4	1,2-Dibromoethane	6.96	6.96	ug/kg	U
95-50-1	1,2-Dichlorobenzene	6.96	6.96	ug/kg	U
107-06-2	1,2-Dichloroethane	6.96	6.96	ug/kg	U
78-87-5	1,2-Dichloropropane	6.96	6.96	ug/kg	U
108-67-8	1,3,5-Trimethylbenzene	6.96	6.96	ug/kg	U
541-73-1	1,3-Dichlorobenzene	6.96	6.96	ug/kg	U
142-28-9	1,3-Dichloropropane	6.96	6.96	ug/kg	U
106-46-7	1,4-Dichlorobenzene	6.96	6.96	ug/kg	U
78-93-3	2-Butanone	6.96	6.96	ug/kg	U
95-49-8	2-Chlorotoluene	6.96	6.96	ug/kg	U
75-27-4	Bromodichloromethane	6.96	6.96	ug/kg	U
106-43-4	4-Chlorotoluene	6.96	6.96	ug/kg	U
79-46-9	2-Nitropropane	6.96	6.96	ug/kg	U
108-10-1	4-Methyl-2-pentanone	6.96	6.96	ug/kg	U
67-64-1	Acetone	33.6	33.6	ug/kg	U
107-13-1	Acrylonitrile	6.96	6.96	ug/kg	U
107-05-1	Allyl chloride	6.96	6.96	ug/kg	U
71-43-2	Benzene	6.96	6.96	ug/kg	U
108-86-1	Bromobenzene	6.96	6.96	ug/kg	U
74-97-5	Bromochloromethane	6.96	6.96	ug/kg	U
75-25-2	Bromoform	6.96	6.96	ug/kg	U
74-83-9	Bromomethane	6.96	6.96	ug/kg	U



Volatile Compounds by EPA Method 8260B

Sample: 0806007-2

Client Sample ID: SB-04 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
75-15-0	Carbon disulfide	6.96	6.96	ug/kg	U
56-23-5	Carbon tetrachloride	6.96	6.96	ug/kg	U
108-90-7	Chlorobenzene	6.96	6.96	ug/kg	U
75-45-6	Chlorodifluoromethane	33.6	33.6	ug/kg	U
75-00-3	Chloroethane	6.96	6.96	ug/kg	U
67-66-3	Chloroform	6.96	6.96	ug/kg	U
74-87-3	Chloromethane	6.96	6.96	ug/kg	U
124-48-1	Dibromochloromethane	6.96	6.96	ug/kg	U
74-95-3	Dibromomethane	6.96	6.96	ug/kg	U
126-99-8	Chloroprene	6.96	6.96	ug/kg	U
75-71-8	Dichlorodifluoromethane	6.96	6.96	ug/kg	U
60-29-7	Diethyl ether	6.96	6.96	ug/kg	U
108-20-3	Diisopropylether	6.96	6.96	ug/kg	U
64-17-5	Ethanol	290	290	ug/kg	U
637-92-3	Ethyl tert-butyl ether	6.96	6.96	ug/kg	U
100-41-4	Ethylbenzene	6.96	6.96	ug/kg	U
87-68-3	Hexachlorobutadiene	6.96	6.96	ug/kg	U
98-82-8	Isopropylbenzene	6.96	6.96	ug/kg	U
126-98-7	Methacrylonitrile	6.96	6.96	ug/kg	U
1634-04-4	Methyl t-butyl ether	6.96	6.96	ug/kg	U
96-33-3	Methyl methacrylate	6.96	6.96	ug/kg	U
75-09-2	Methylene chloride	6.96	6.96	ug/kg	U
91-20-3	Naphthalene	6.96	6.96	ug/kg	U
100-42-5	Styrene	6.96	6.96	ug/kg	U
75-65-0	Tertiary butyl alcohol	6.96	6.96	ug/kg	U
127-18-4	Tetrachloroethylene	6.96	6.96	ug/kg	U
108-88-3	Toluene	6.96	6.96	ug/kg	U
79-01-6	Trichloroethene	6.96	6.96	ug/kg	U
75-69-4	Trichlorofluoromethane	6.96	6.96	ug/kg	U
108-05-4	Vinyl Acetate	6.96	6.96	ug/kg	U
75-01-4	Vinylchloride	6.96	6.96	ug/kg	U
156-59-2	cis-1,2-Dichloroethene	6.96	6.96	ug/kg	U
10061-01-5	cis-1,3-Dichloro-1-propene	6.96	6.96	ug/kg	U
108-38-3	m+p-Xylene	6.96	6.96	ug/kg	U



United Chemists
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Phone - (516) 662-5038

NYS Lab ID # 11866

06/19/2008

Volatile Compounds by EPA Method 8260B

Sample: 0806007-2

Client Sample ID: SB-04 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
104-51-8	n-Butylbenzene	6.96	6.96	ug/kg	U
103-65-1	n-Propylbenzene	6.96	6.96	ug/kg	U
95-47-6	o-Xylene	6.96	6.96	ug/kg	U
99-87-6	p-Isopropyltoluene	6.96	6.96	ug/kg	U
135-98-8	sec-Butylbenzene	6.96	6.96	ug/kg	U
98-06-6	tert-Butylbenzene	6.96	6.96	ug/kg	U
75-85-4	tert-amyl alcohol	6.96	6.96	ug/kg	U
994-05-8	tert-amyl methyl ether	6.96	6.96	ug/kg	U
156-60-5	trans-1,2-Dichloroethene	6.96	6.96	ug/kg	U



Volatile Compounds by EPA Method 8260B

Sample: 0806007-3

Client Sample ID: SB-05 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	6.96	6.96	ug/kg	U
71-55-6	1,1,1-Trichloroethane	6.96	6.96	ug/kg	U
79-34-5	1,1,2,2-Tetrachloroethane	6.96	6.96	ug/kg	U
79-00-5	1,1,2-Trichloroethane	6.96	6.96	ug/kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	6.96	6.96	ug/kg	U
75-34-3	1,1-Dichloroethane	6.96	6.96	ug/kg	U
75-35-4	1,1-Dichloroethene	6.96	6.96	ug/kg	U
563-58-6	1,1-Dichloropropene	6.96	6.96	ug/kg	U
87-61-6	1,2,3-Trichlorobenzene	6.96	6.96	ug/kg	U
96-18-4	1,2,3-Trichloropropane	6.96	6.96	ug/kg	U
120-82-1	1,2,4-Trichlorobenzene	6.96	6.96	ug/kg	U
95-63-6	1,2,4-Trimethylbenzene	6.96	6.96	ug/kg	U
106-93-4	1,2-Dibromoethane	6.96	6.96	ug/kg	U
95-50-1	1,2-Dichlorobenzene	6.96	6.96	ug/kg	U
107-06-2	1,2-Dichloroethane	6.96	6.96	ug/kg	U
78-87-5	1,2-Dichloropropane	6.96	6.96	ug/kg	U
108-67-8	1,3,5-Trimethylbenzene	6.96	6.96	ug/kg	U
541-73-1	1,3-Dichlorobenzene	6.96	6.96	ug/kg	U
142-28-9	1,3-Dichloropropane	6.96	6.96	ug/kg	U
106-46-7	1,4-Dichlorobenzene	6.96	6.96	ug/kg	U
78-93-3	2-Butanone	6.96	6.96	ug/kg	U
95-49-8	2-Chlorotoluene	6.96	6.96	ug/kg	U
75-27-4	Bromodichloromethane	6.96	6.96	ug/kg	U
106-43-4	4-Chlorotoluene	6.96	6.96	ug/kg	U
79-46-9	2-Nitropropane	6.96	6.96	ug/kg	U
108-10-1	4-Methyl-2-pentanone	6.96	6.96	ug/kg	U
67-64-1	Acetone	33.6	33.6	ug/kg	U
107-13-1	Acrylonitrile	6.96	6.96	ug/kg	U
107-05-1	Allyl chloride	6.96	6.96	ug/kg	U
71-43-2	Benzene	6.96	6.96	ug/kg	U
108-86-1	Bromobenzene	6.96	6.96	ug/kg	U
74-97-5	Bromochloromethane	6.96	6.96	ug/kg	U
75-25-2	Bromoform	6.96	6.96	ug/kg	U
74-83-9	Bromomethane	6.96	6.96	ug/kg	U



Volatile Compounds by EPA Method 8260B

Sample: 0806007-3

Client Sample ID: SB-05 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
75-15-0	Carbon disulfide	6.96	6.96	ug/kg	U
56-23-5	Carbon tetrachloride	6.96	6.96	ug/kg	U
108-90-7	Chlorobenzene	6.96	6.96	ug/kg	U
75-45-6	Chlorodifluoromethane	33.6	33.6	ug/kg	U
75-00-3	Chloroethane	6.96	6.96	ug/kg	U
67-66-3	Chloroform	6.96	6.96	ug/kg	U
74-87-3	Chloromethane	6.96	6.96	ug/kg	U
124-48-1	Dibromochloromethane	6.96	6.96	ug/kg	U
74-95-3	Dibromomethane	6.96	6.96	ug/kg	U
126-99-8	Chloroprene	6.96	6.96	ug/kg	U
75-71-8	Dichlorodifluoromethane	6.96	6.96	ug/kg	U
60-29-7	Diethyl ether	6.96	6.96	ug/kg	U
108-20-3	Diisopropylether	6.96	6.96	ug/kg	U
64-17-5	Ethanol	290	290	ug/kg	U
637-92-3	Ethyl tert-butyl ether	6.96	6.96	ug/kg	U
100-41-4	Ethylbenzene	6.96	6.96	ug/kg	U
87-68-3	Hexachlorobutadiene	6.96	6.96	ug/kg	U
98-82-8	Isopropylbenzene	6.96	6.96	ug/kg	U
126-98-7	Methacrylonitrile	6.96	6.96	ug/kg	U
1634-04-4	Methyl t-butyl ether	6.96	6.96	ug/kg	U
96-33-3	Methyl methacrylate	6.96	6.96	ug/kg	U
75-09-2	Methylene chloride	6.96	6.96	ug/kg	U
91-20-3	Naphthalene	6.96	6.96	ug/kg	U
100-42-5	Styrene	6.96	6.96	ug/kg	U
75-65-0	Tertiary butyl alcohol	6.96	6.96	ug/kg	U
127-18-4	Tetrachloroethylene	6.96	6.96	ug/kg	U
108-88-3	Toluene	6.96	6.96	ug/kg	U
79-01-6	Trichloroethene	6.96	6.96	ug/kg	U
75-69-4	Trichlorofluoromethane	6.96	6.96	ug/kg	U
108-05-4	Vinyl Acetate	6.96	6.96	ug/kg	U
75-01-4	Vinylchloride	6.96	6.96	ug/kg	U
156-59-2	cis-1,2-Dichloroethene	6.96	6.96	ug/kg	U
10061-01-5	cis-1,3-Dichloro-1-propene	6.96	6.96	ug/kg	U
108-38-3	m+p-Xylene	6.96	6.96	ug/kg	U



United Chemists
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NYS Lab ID # 11866

06/19/2008

Volatile Compounds by EPA Method 8260B

Sample: 0806007-3

Client Sample ID: SB-05 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
104-51-8	n-Butylbenzene	6.96	6.96	ug/kg	U
103-65-1	n-Propylbenzene	6.96	6.96	ug/kg	U
95-47-6	o-Xylene	6.96	6.96	ug/kg	U
99-87-6	p-Isopropyltoluene	6.96	6.96	ug/kg	U
135-98-8	sec-Butylbenzene	6.96	6.96	ug/kg	U
98-06-6	tert-Butylbenzene	6.96	6.96	ug/kg	U
75-85-4	tert-amyl alcohol	6.96	6.96	ug/kg	U
994-05-8	tert-amyl methyl ether	6.96	6.96	ug/kg	U
156-60-5	trans-1,2-Dichloroethene	6.96	6.96	ug/kg	U



Volatile Compounds by EPA Method 8260B

Sample: 0806007-4

Client Sample ID: SB-02 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	5.30	5.30	ug/kg	U
71-55-6	1,1,1-Trichloroethane	5.30	5.30	ug/kg	U
79-34-5	1,1,2,2-Tetrachloroethane	5.30	5.30	ug/kg	U
79-00-5	1,1,2-Trichloroethane	5.30	5.30	ug/kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	5.30	5.30	ug/kg	U
75-34-3	1,1-Dichloroethane	5.30	5.30	ug/kg	U
75-35-4	1,1-Dichloroethene	5.30	5.30	ug/kg	U
563-58-6	1,1-Dichloropropene	5.30	5.30	ug/kg	U
87-61-6	1,2,3-Trichlorobenzene	5.30	5.30	ug/kg	U
96-18-4	1,2,3-Trichloropropane	5.30	5.30	ug/kg	U
120-82-1	1,2,4-Trichlorobenzene	5.30	5.30	ug/kg	U
95-63-6	1,2,4-Trimethylbenzene	5.30	1.53	ug/kg	
106-93-4	1,2-Dibromoethane	5.30	5.30	ug/kg	U
95-50-1	1,2-Dichlorobenzene	5.30	5.30	ug/kg	U
107-06-2	1,2-Dichloroethane	5.30	5.30	ug/kg	U
78-87-5	1,2-Dichloropropane	5.30	5.30	ug/kg	U
108-67-8	1,3,5-Trimethylbenzene	5.30	2.76	ug/kg	
541-73-1	1,3-Dichlorobenzene	5.30	5.30	ug/kg	U
142-28-9	1,3-Dichloropropane	5.30	5.30	ug/kg	U
106-46-7	1,4-Dichlorobenzene	5.30	5.30	ug/kg	U
78-93-3	2-Butanone	5.30	5.30	ug/kg	U
95-49-8	2-Chlorotoluene	5.30	5.30	ug/kg	U
75-27-4	Bromodichloromethane	5.30	5.30	ug/kg	U
106-43-4	4-Chlorotoluene	5.30	5.30	ug/kg	U
79-46-9	2-Nitropropane	5.30	5.30	ug/kg	U
108-10-1	4-Methyl-2-pentanone	5.30	5.30	ug/kg	U
67-64-1	Acetone	26.5	26.5	ug/kg	U
107-13-1	Acrylonitrile	5.30	5.30	ug/kg	U
107-05-1	Allyl chloride	5.30	5.30	ug/kg	U
71-43-2	Benzene	5.30	5.30	ug/kg	U
108-86-1	Bromobenzene	5.30	5.30	ug/kg	U
74-97-5	Bromochloromethane	5.30	5.30	ug/kg	U
75-25-2	Bromoform	5.30	5.30	ug/kg	U
74-83-9	Bromomethane	5.30	5.30	ug/kg	U



Volatile Compounds by EPA Method 8260B

Sample: 0806007-4

Client Sample ID: SB-02 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
75-15-0	Carbon disulfide	5.30	5.30	ug/kg	U
56-23-5	Carbon tetrachloride	5.30	5.30	ug/kg	U
108-90-7	Chlorobenzene	5.30	5.30	ug/kg	U
75-45-6	Chlorodifluoromethane	26.5	26.5	ug/kg	U
75-00-3	Chloroethane	5.30	5.30	ug/kg	U
67-66-3	Chloroform	5.30	5.30	ug/kg	U
74-87-3	Chloromethane	5.30	5.30	ug/kg	U
124-48-1	Dibromochloromethane	5.30	5.30	ug/kg	U
74-95-3	Dibromomethane	5.30	5.30	ug/kg	U
126-99-8	Chloroprene	5.30	5.30	ug/kg	U
75-71-8	Dichlorodifluoromethane	5.30	5.30	ug/kg	U
60-29-7	Diethyl ether	5.30	5.30	ug/kg	U
108-20-3	Diisopropylether	5.30	5.30	ug/kg	U
64-17-5	Ethanol	265	265	ug/kg	U
637-92-3	Ethyl tert-butyl ether	5.30	5.30	ug/kg	U
100-41-4	Ethylbenzene	5.30	5.30	ug/kg	U
87-68-3	Hexachlorobutadiene	5.30	5.30	ug/kg	U
98-82-8	Isopropylbenzene	5.30	5.30	ug/kg	U
126-98-7	Methacrylonitrile	5.30	5.30	ug/kg	U
1634-04-4	Methyl t-butyl ether	5.30	5.30	ug/kg	U
96-33-3	Methyl methacrylate	5.30	5.30	ug/kg	U
75-09-2	Methylene chloride	5.30	5.30	ug/kg	U
91-20-3	Naphthalene	5.30	1.18	ug/kg	
100-42-5	Styrene	5.30	5.30	ug/kg	U
75-65-0	Tertiary butyl alcohol	5.30	5.30	ug/kg	U
127-18-4	Tetrachloroethylene	5.30	5.30	ug/kg	U
108-88-3	Toluene	5.30	0.47	ug/kg	
79-01-6	Trichloroethene	5.30	5.30	ug/kg	U
75-69-4	Trichlorofluoromethane	5.30	5.30	ug/kg	U
108-05-4	Vinyl Acetate	5.30	5.30	ug/kg	U
75-01-4	Vinylchloride	5.30	5.30	ug/kg	U
156-59-2	cis-1,2-Dichloroethene	5.30	5.30	ug/kg	U
10061-01-5	cis-1,3-Dichloro-1-propene	5.30	5.30	ug/kg	U
108-38-3	m+p-Xylene	5.30	5.30	ug/kg	U



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Phone - (516) 662-5038

NYS Lab ID # 11866

06/19/2008

Volatile Compounds by EPA Method 8260B

Sample: 0806007-4

Client Sample ID: SB-02 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
104-51-8	n-Butylbenzene	5.30	5.30	ug/kg	U
103-65-1	n-Propylbenzene	5.30	0.38	ug/kg	
95-47-6	o-Xylene	5.30	5.30	ug/kg	U
99-87-6	p-Isopropyltoluene	5.30	5.30	ug/kg	U
135-98-8	sec-Butylbenzene	5.30	5.30	ug/kg	U
98-06-6	tert-Butylbenzene	5.30	5.30	ug/kg	U
75-85-4	tert-amyl alcohol	5.30	5.30	ug/kg	U
994-05-8	tert-amyl methyl ether	5.30	5.30	ug/kg	U
156-60-5	trans-1,2-Dichloroethene	5.30	5.30	ug/kg	U



Volatile Compounds by EPA Method 8260B

Sample: 0806007-5

Client Sample ID: SB-03 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	5.75	5.75	ug/kg	U
71-55-6	1,1,1-Trichloroethane	5.75	5.75	ug/kg	U
79-34-5	1,1,2,2-Tetrachloroethane	5.75	5.75	ug/kg	U
79-00-5	1,1,2-Trichloroethane	5.75	5.75	ug/kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	5.75	5.75	ug/kg	U
75-34-3	1,1-Dichloroethane	5.75	5.75	ug/kg	U
75-35-4	1,1-Dichloroethene	5.75	5.75	ug/kg	U
563-58-6	1,1-Dichloropropene	5.75	5.75	ug/kg	U
87-61-6	1,2,3-Trichlorobenzene	5.75	5.75	ug/kg	U
96-18-4	1,2,3-Trichloropropane	5.75	5.75	ug/kg	U
120-82-1	1,2,4-Trichlorobenzene	5.75	5.75	ug/kg	U
95-63-6	1,2,4-Trimethylbenzene	5.75	1.93	ug/kg	
106-93-4	1,2-Dibromoethane	5.75	5.75	ug/kg	U
95-50-1	1,2-Dichlorobenzene	5.75	5.75	ug/kg	U
107-06-2	1,2-Dichloroethane	5.75	5.75	ug/kg	U
78-87-5	1,2-Dichloropropane	5.75	5.75	ug/kg	U
108-67-8	1,3,5-Trimethylbenzene	5.75	3.47	ug/kg	
541-73-1	1,3-Dichlorobenzene	5.75	5.75	ug/kg	U
142-28-9	1,3-Dichloropropane	5.75	5.75	ug/kg	U
106-46-7	1,4-Dichlorobenzene	5.75	5.75	ug/kg	U
78-93-3	2-Butanone	5.75	5.75	ug/kg	U
95-49-8	2-Chlorotoluene	5.75	5.75	ug/kg	U
75-27-4	Bromodichloromethane	5.75	5.75	ug/kg	U
106-43-4	4-Chlorotoluene	5.75	5.75	ug/kg	U
79-46-9	2-Nitropropane	5.75	5.75	ug/kg	U
108-10-1	4-Methyl-2-pentanone	5.75	5.75	ug/kg	U
67-64-1	Acetone	28.8	28.8	ug/kg	U
107-13-1	Acrylonitrile	5.75	5.75	ug/kg	U
107-05-1	Allyl chloride	5.75	5.75	ug/kg	U
71-43-2	Benzene	5.75	5.75	ug/kg	U
108-86-1	Bromobenzene	5.75	5.75	ug/kg	U
74-97-5	Bromochloromethane	5.75	5.75	ug/kg	U
75-25-2	Bromoform	5.75	5.75	ug/kg	U
74-83-9	Bromomethane	5.75	5.75	ug/kg	U



Volatile Compounds by EPA Method 8260B

Sample: 0806007-5

Client Sample ID: SB-03 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
75-15-0	Carbon disulfide	5.75	5.75	ug/kg	U
56-23-5	Carbon tetrachloride	5.75	5.75	ug/kg	U
108-90-7	Chlorobenzene	5.75	5.75	ug/kg	U
75-45-6	Chlorodifluoromethane	28.8	28.8	ug/kg	U
75-00-3	Chloroethane	5.75	5.75	ug/kg	U
67-66-3	Chloroform	5.75	5.75	ug/kg	U
74-87-3	Chloromethane	5.75	5.75	ug/kg	U
124-48-1	Dibromochloromethane	5.75	5.75	ug/kg	U
74-95-3	Dibromomethane	5.75	5.75	ug/kg	U
126-99-8	Chloroprene	5.75	5.75	ug/kg	U
75-71-8	Dichlorodifluoromethane	5.75	5.75	ug/kg	U
60-29-7	Diethyl ether	5.75	5.75	ug/kg	U
108-20-3	Diisopropylether	5.75	5.75	ug/kg	U
64-17-5	Ethanol	288	288	ug/kg	U
637-92-3	Ethyl tert-butyl ether	5.75	5.75	ug/kg	U
100-41-4	Ethylbenzene	5.75	5.75	ug/kg	U
87-68-3	Hexachlorobutadiene	5.75	5.75	ug/kg	U
98-82-8	Isopropylbenzene	5.75	5.75	ug/kg	U
126-98-7	Methacrylonitrile	5.75	5.75	ug/kg	U
1634-04-4	Methyl t-butyl ether	5.75	5.75	ug/kg	U
96-33-3	Methyl methacrylate	5.75	5.75	ug/kg	U
75-09-2	Methylene chloride	5.75	5.75	ug/kg	U
91-20-3	Naphthalene	5.75	1.26	ug/kg	
100-42-5	Styrene	5.75	5.75	ug/kg	U
75-65-0	Tertiary butyl alcohol	5.75	5.75	ug/kg	U
127-18-4	Tetrachloroethylene	5.75	5.75	ug/kg	U
108-88-3	Toluene	5.75	0.52	ug/kg	
79-01-6	Trichloroethene	5.75	5.75	ug/kg	U
75-69-4	Trichlorofluoromethane	5.75	5.75	ug/kg	U
108-05-4	Vinyl Acetate	5.75	5.75	ug/kg	U
75-01-4	Vinylchloride	5.75	5.75	ug/kg	U
156-59-2	cis-1,2-Dichloroethene	5.75	5.75	ug/kg	U
10061-01-5	cis-1,3-Dichloro-1-propene	5.75	5.75	ug/kg	U
108-38-3	m+p-Xylene	5.75	5.75	ug/kg	U



United Chemists
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Phone - (516) 662-5038

NYS Lab ID # 11866

06/19/2008

Volatile Compounds by EPA Method 8260B

Sample: 0806007-5

Client Sample ID: SB-03 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
104-51-8	n-Butylbenzene	5.75	5.75	ug/kg	U
103-65-1	n-Propylbenzene	5.75	0.47	ug/kg	
95-47-6	o-Xylene	5.75	5.75	ug/kg	U
99-87-6	p-Isopropyltoluene	5.75	5.75	ug/kg	U
135-98-8	sec-Butylbenzene	5.75	5.75	ug/kg	U
98-06-6	tert-Butylbenzene	5.75	5.75	ug/kg	U
75-85-4	tert-amyl alcohol	5.75	5.75	ug/kg	U
994-05-8	tert-amyl methyl ether	5.75	5.75	ug/kg	U
156-60-5	trans-1,2-Dichloroethene	5.75	5.75	ug/kg	U



Volatile Compounds by EPA Method 8260B

Sample: 0806007-6

Client Sample ID: SB-06 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	5.70	5.70	ug/kg	U
71-55-6	1,1,1-Trichloroethane	5.70	5.70	ug/kg	U
79-34-5	1,1,2,2-Tetrachloroethane	5.70	5.70	ug/kg	U
79-00-5	1,1,2-Trichloroethane	5.70	5.70	ug/kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	5.70	5.70	ug/kg	U
75-34-3	1,1-Dichloroethane	5.70	5.70	ug/kg	U
75-35-4	1,1-Dichloroethene	5.70	5.70	ug/kg	U
563-58-6	1,1-Dichloropropene	5.70	5.70	ug/kg	U
87-61-6	1,2,3-Trichlorobenzene	5.70	5.70	ug/kg	U
96-18-4	1,2,3-Trichloropropane	5.70	5.70	ug/kg	U
120-82-1	1,2,4-Trichlorobenzene	5.70	5.70	ug/kg	U
95-63-6	1,2,4-Trimethylbenzene	5.70	1.60	ug/kg	
106-93-4	1,2-Dibromoethane	5.70	5.70	ug/kg	U
95-50-1	1,2-Dichlorobenzene	5.70	5.70	ug/kg	U
107-06-2	1,2-Dichloroethane	5.70	5.70	ug/kg	U
78-87-5	1,2-Dichloropropane	5.70	5.70	ug/kg	U
108-67-8	1,3,5-Trimethylbenzene	5.70	2.82	ug/kg	
541-73-1	1,3-Dichlorobenzene	5.70	5.70	ug/kg	U
142-28-9	1,3-Dichloropropane	5.70	5.70	ug/kg	U
106-46-7	1,4-Dichlorobenzene	5.70	5.70	ug/kg	U
78-93-3	2-Butanone	5.70	5.70	ug/kg	U
95-49-8	2-Chlorotoluene	5.70	5.70	ug/kg	U
75-27-4	Bromodichloromethane	5.70	5.70	ug/kg	U
106-43-4	4-Chlorotoluene	5.70	5.70	ug/kg	U
79-46-9	2-Nitropropane	5.70	5.70	ug/kg	U
108-10-1	4-Methyl-2-pentanone	5.70	5.70	ug/kg	U
67-64-1	Acetone	28.5	28.5	ug/kg	U
107-13-1	Acrylonitrile	5.70	5.70	ug/kg	U
107-05-1	Allyl chloride	5.70	5.70	ug/kg	U
71-43-2	Benzene	5.70	5.70	ug/kg	U
108-86-1	Bromobenzene	5.70	5.70	ug/kg	U
74-97-5	Bromochloromethane	5.70	5.70	ug/kg	U
75-25-2	Bromoform	5.70	5.70	ug/kg	U
74-83-9	Bromomethane	5.70	5.70	ug/kg	U



Volatile Compounds by EPA Method 8260B

Sample: 0806007-6

Client Sample ID: SB-06 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
75-15-0	Carbon disulfide	5.70	5.70	ug/kg	U
56-23-5	Carbon tetrachloride	5.70	5.70	ug/kg	U
108-90-7	Chlorobenzene	5.70	5.70	ug/kg	U
75-45-6	Chlorodifluoromethane	28.5	28.5	ug/kg	U
75-00-3	Chloroethane	5.70	5.70	ug/kg	U
67-66-3	Chloroform	5.70	5.70	ug/kg	U
74-87-3	Chloromethane	5.70	5.70	ug/kg	U
124-48-1	Dibromochloromethane	5.70	5.70	ug/kg	U
74-95-3	Dibromomethane	5.70	5.70	ug/kg	U
126-99-8	Chloroprene	5.70	5.70	ug/kg	U
75-71-8	Dichlorodifluoromethane	5.70	5.70	ug/kg	U
60-29-7	Diethyl ether	5.70	5.70	ug/kg	U
108-20-3	Diisopropylether	5.70	5.70	ug/kg	U
64-17-5	Ethanol	285	285	ug/kg	U
637-92-3	Ethyl tert-butyl ether	5.70	5.70	ug/kg	U
100-41-4	Ethylbenzene	5.70	5.70	ug/kg	U
87-68-3	Hexachlorobutadiene	5.70	5.70	ug/kg	U
98-82-8	Isopropylbenzene	5.70	5.70	ug/kg	U
126-98-7	Methacrylonitrile	5.70	5.70	ug/kg	U
1634-04-4	Methyl t-butyl ether	5.70	5.70	ug/kg	U
96-33-3	Methyl methacrylate	5.70	5.70	ug/kg	U
75-09-2	Methylene chloride	5.70	5.70	ug/kg	U
91-20-3	Naphthalene	5.70	1.25	ug/kg	
100-42-5	Styrene	5.70	5.70	ug/kg	U
75-65-0	Tertiary butyl alcohol	5.70	5.70	ug/kg	U
127-18-4	Tetrachloroethylene	5.70	5.70	ug/kg	U
108-88-3	Toluene	5.70	5.70	ug/kg	U
79-01-6	Trichloroethene	5.70	5.70	ug/kg	U
75-69-4	Trichlorofluoromethane	5.70	5.70	ug/kg	U
108-05-4	Vinyl Acetate	5.70	5.70	ug/kg	U
75-01-4	Vinylchloride	5.70	5.70	ug/kg	U
156-59-2	cis-1,2-Dichloroethene	5.70	5.70	ug/kg	U
10061-01-5	cis-1,3-Dichloro-1-propene	5.70	5.70	ug/kg	U
108-38-3	m+p-Xylene	5.70	5.70	ug/kg	U



United Chemists
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Phone - (516) 662-5038

NYS Lab ID # 11866

06/19/2008

Volatile Compounds by EPA Method 8260B

Sample: 0806007-6

Client Sample ID: SB-06 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
104-51-8	n-Butylbenzene	5.70	5.70	ug/kg	U
103-65-1	n-Propylbenzene	5.70	0.39	ug/kg	
95-47-6	o-Xylene	5.70	5.70	ug/kg	U
99-87-6	p-Isopropyltoluene	5.70	5.70	ug/kg	U
135-98-8	sec-Butylbenzene	5.70	5.70	ug/kg	U
98-06-6	tert-Butylbenzene	5.70	5.70	ug/kg	U
75-85-4	tert-amyl alcohol	5.70	5.70	ug/kg	U
994-05-8	tert-amyl methyl ether	5.70	5.70	ug/kg	U
156-60-5	trans-1,2-Dichloroethene	5.70	5.70	ug/kg	U



Volatile Compounds by EPA Method 8260B

Sample: 0806007-7

Client Sample ID: SB-06 (38-40')

Collected: 06/09/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	5.15	5.15	ug/kg	U
71-55-6	1,1,1-Trichloroethane	5.15	5.15	ug/kg	U
79-34-5	1,1,2,2-Tetrachloroethane	5.15	5.15	ug/kg	U
79-00-5	1,1,2-Trichloroethane	5.15	5.15	ug/kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	5.15	5.15	ug/kg	U
75-34-3	1,1-Dichloroethane	5.15	5.15	ug/kg	U
75-35-4	1,1-Dichloroethene	5.15	5.15	ug/kg	U
563-58-6	1,1-Dichloropropene	5.15	5.15	ug/kg	U
87-61-6	1,2,3-Trichlorobenzene	5.15	5.15	ug/kg	U
96-18-4	1,2,3-Trichloropropane	5.15	5.15	ug/kg	U
120-82-1	1,2,4-Trichlorobenzene	5.15	5.15	ug/kg	U
95-63-6	1,2,4-Trimethylbenzene	5.15	1.96	ug/kg	
106-93-4	1,2-Dibromoethane	5.15	5.15	ug/kg	U
95-50-1	1,2-Dichlorobenzene	5.15	5.15	ug/kg	U
107-06-2	1,2-Dichloroethane	5.15	5.15	ug/kg	U
78-87-5	1,2-Dichloropropane	5.15	5.15	ug/kg	U
108-67-8	1,3,5-Trimethylbenzene	5.15	3.45	ug/kg	
541-73-1	1,3-Dichlorobenzene	5.15	5.15	ug/kg	U
142-28-9	1,3-Dichloropropane	5.15	5.15	ug/kg	U
106-46-7	1,4-Dichlorobenzene	5.15	5.15	ug/kg	U
78-93-3	2-Butanone	5.15	5.15	ug/kg	U
95-49-8	2-Chlorotoluene	5.15	5.15	ug/kg	U
75-27-4	Bromodichloromethane	5.15	5.15	ug/kg	U
106-43-4	4-Chlorotoluene	5.15	5.15	ug/kg	U
79-46-9	2-Nitropropane	5.15	5.15	ug/kg	U
108-10-1	4-Methyl-2-pentanone	5.15	5.15	ug/kg	U
67-64-1	Acetone	25.8	25.8	ug/kg	U
107-13-1	Acrylonitrile	5.15	5.15	ug/kg	U
107-05-1	Allyl chloride	5.15	5.15	ug/kg	U
71-43-2	Benzene	5.15	5.15	ug/kg	U
108-86-1	Bromobenzene	5.15	5.15	ug/kg	U
74-97-5	Bromochloromethane	5.15	5.15	ug/kg	U
75-25-2	Bromoform	5.15	5.15	ug/kg	U
74-83-9	Bromomethane	5.15	5.15	ug/kg	U



Volatile Compounds by EPA Method 8260B

Sample: 0806007-7

Client Sample ID: SB-06 (38-40')

Collected: 06/09/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
75-15-0	Carbon disulfide	5.15	5.15	ug/kg	U
56-23-5	Carbon tetrachloride	5.15	5.15	ug/kg	U
108-90-7	Chlorobenzene	5.15	5.15	ug/kg	U
75-45-6	Chlorodifluoromethane	25.8	25.8	ug/kg	U
75-00-3	Chloroethane	5.15	5.15	ug/kg	U
67-66-3	Chloroform	5.15	5.15	ug/kg	U
74-87-3	Chloromethane	5.15	5.15	ug/kg	U
124-48-1	Dibromochloromethane	5.15	5.15	ug/kg	U
74-95-3	Dibromomethane	5.15	5.15	ug/kg	U
126-99-8	Chloroprene	5.15	5.15	ug/kg	U
75-71-8	Dichlorodifluoromethane	5.15	5.15	ug/kg	U
60-29-7	Diethyl ether	5.15	5.15	ug/kg	U
108-20-3	Diisopropylether	5.15	5.15	ug/kg	U
64-17-5	Ethanol	258	258	ug/kg	U
637-92-3	Ethyl tert-butyl ether	5.15	5.15	ug/kg	U
100-41-4	Ethylbenzene	5.15	5.15	ug/kg	U
87-68-3	Hexachlorobutadiene	5.15	5.15	ug/kg	U
98-82-8	Isopropylbenzene	5.15	5.15	ug/kg	U
126-98-7	Methacrylonitrile	5.15	5.15	ug/kg	U
1634-04-4	Methyl t-butyl ether	5.15	5.15	ug/kg	U
96-33-3	Methyl methacrylate	5.15	5.15	ug/kg	U
75-09-2	Methylene chloride	5.15	5.15	ug/kg	U
91-20-3	Naphthalene	5.15	0.94	ug/kg	
100-42-5	Styrene	5.15	5.15	ug/kg	U
75-65-0	Tertiary butyl alcohol	5.15	5.15	ug/kg	U
127-18-4	Tetrachloroethylene	5.15	5.15	ug/kg	U
108-88-3	Toluene	5.15	5.15	ug/kg	U
79-01-6	Trichloroethene	5.15	5.15	ug/kg	U
75-69-4	Trichlorofluoromethane	5.15	5.15	ug/kg	U
108-05-4	Vinyl Acetate	5.15	5.15	ug/kg	U
75-01-4	Vinylchloride	5.15	5.15	ug/kg	U
156-59-2	cis-1,2-Dichloroethene	5.15	5.15	ug/kg	U
10061-01-5	cis-1,3-Dichloro-1-propene	5.15	5.15	ug/kg	U
108-38-3	m+p-Xylene	5.15	5.15	ug/kg	U



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NYS Lab ID # 11866

06/19/2008

Volatile Compounds by EPA Method 8260B

Sample: 0806007-7

Client Sample ID: SB-06 (38-40')

Collected: 06/09/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
104-51-8	n-Butylbenzene	5.15	5.15	ug/kg	U
103-65-1	n-Propylbenzene	5.15	0.48	ug/kg	
95-47-6	o-Xylene	5.15	5.15	ug/kg	U
99-87-6	p-Isopropyltoluene	5.15	5.15	ug/kg	U
135-98-8	sec-Butylbenzene	5.15	5.15	ug/kg	U
98-06-6	tert-Butylbenzene	5.15	5.15	ug/kg	U
75-85-4	tert-amyl alcohol	5.15	5.15	ug/kg	U
994-05-8	tert-amyl methyl ether	5.15	5.15	ug/kg	U
156-60-5	trans-1,2-Dichloroethene	5.15	5.15	ug/kg	U



Volatile Compounds by EPA Method 8260B

Sample: 0806007-8

Client Sample ID: GW-06

Collected: 06/09/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Liquid

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	1.00	1.00	ug/L	U
71-55-6	1,1,1-Trichloroethane	1.00	1.00	ug/L	U
79-34-5	1,1,2,2-Tetrachloroethane	1.00	1.00	ug/L	U
79-00-5	1,1,2-Trichloroethane	1.00	1.00	ug/L	U
76-13-1	1,1,2-Trichlorotrifluoroethane	1.00	1.00	ug/L	U
75-34-3	1,1-Dichloroethane	1.00	1.00	ug/L	U
75-35-4	1,1-Dichloroethene	1.00	1.00	ug/L	U
563-58-6	1,1-Dichloropropene	1.00	1.00	ug/L	U
87-61-6	1,2,3-Trichlorobenzene	1.00	1.00	ug/L	U
96-18-4	1,2,3-Trichloropropane	1.00	1.00	ug/L	U
120-82-1	1,2,4-Trichlorobenzene	1.00	1.00	ug/L	U
95-63-6	1,2,4-Trimethylbenzene	1.00	1.00	ug/L	U
106-93-4	1,2-Dibromoethane	1.00	1.00	ug/L	U
95-50-1	1,2-Dichlorobenzene	1.00	1.00	ug/L	U
107-06-2	1,2-Dichloroethane	1.00	1.00	ug/L	U
78-87-5	1,2-Dichloropropane	1.00	1.00	ug/L	U
108-67-8	1,3,5-Trimethylbenzene	1.00	1.00	ug/L	U
541-73-1	1,3-Dichlorobenzene	1.00	1.00	ug/L	U
142-28-9	1,3-Dichloropropane	1.00	1.00	ug/L	U
106-46-7	1,4-Dichlorobenzene	1.00	1.00	ug/L	U
78-93-3	2-Butanone	1.00	1.00	ug/L	U
95-49-8	2-Chlorotoluene	1.00	1.00	ug/L	U
75-27-4	Bromodichloromethane	1.00	1.00	ug/L	U
106-43-4	4-Chlorotoluene	1.00	1.00	ug/L	U
79-46-9	2-Nitropropane	1.00	1.00	ug/L	U
108-10-1	4-Methyl-2-pentanone	1.00	1.00	ug/L	U
67-64-1	Acetone	5.00	5.00	ug/L	U
107-13-1	Acrylonitrile	1.00	1.00	ug/L	U
107-05-1	Allyl chloride	1.00	1.00	ug/L	U
71-43-2	Benzene	1.00	1.00	ug/L	U
108-86-1	Bromobenzene	1.00	1.00	ug/L	U
74-97-5	Bromochloromethane	1.00	1.00	ug/L	U
75-25-2	Bromoform	1.00	1.00	ug/L	U
74-83-9	Bromomethane	1.00	1.00	ug/L	U



Volatile Compounds by EPA Method 8260B

Sample: 0806007-8

Client Sample ID: GW-06

Collected: 06/09/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Liquid

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
75-15-0	Carbon disulfide	1.00	1.00	ug/L	U
56-23-5	Carbon tetrachloride	1.00	1.00	ug/L	U
108-90-7	Chlorobenzene	1.00	1.00	ug/L	U
75-45-6	Chlorodifluoromethane	5.00	5.00	ug/L	U
75-00-3	Chloroethane	1.00	1.00	ug/L	U
67-66-3	Chloroform	1.00	1.00	ug/L	U
74-87-3	Chloromethane	1.00	1.00	ug/L	U
124-48-1	Dibromochloromethane	1.00	1.00	ug/L	U
74-95-3	Dibromomethane	1.00	1.00	ug/L	U
126-99-8	Chloroprene	1.00	1.00	ug/L	U
75-71-8	Dichlorodifluoromethane	1.00	1.00	ug/L	U
60-29-7	Diethyl ether	1.00	1.00	ug/L	U
108-20-3	Diisopropylether	1.00	1.00	ug/L	U
64-17-5	Ethanol	25.0	25.0	ug/L	U
637-92-3	Ethyl tert-butyl ether	1.00	1.00	ug/L	U
100-41-4	Ethylbenzene	1.00	1.00	ug/L	U
87-68-3	Hexachlorobutadiene	1.00	1.00	ug/L	U
98-82-8	Isopropylbenzene	1.00	1.00	ug/L	U
126-98-7	Methacrylonitrile	5.00	5.00	ug/L	U
1634-04-4	Methyl t-butyl ether	1.00	1.00	ug/L	U
96-33-3	Methyl methacrylate	1.00	1.00	ug/L	U
75-09-2	Methylene chloride	1.00	1.00	ug/L	U
91-20-3	Naphthalene	1.00	1.12	ug/L	
100-42-5	Styrene	1.00	1.00	ug/L	U
75-65-0	Tertiary butyl alcohol	1.00	1.00	ug/L	U
127-18-4	Tetrachloroethylene	1.00	3.51	ug/L	
108-88-3	Toluene	1.00	1.00	ug/L	U
79-01-6	Trichloroethene	1.00	1.00	ug/L	U
75-69-4	Trichlorofluoromethane	1.00	1.00	ug/L	U
108-05-4	Vinyl Acetate	1.00	1.00	ug/L	U
75-01-4	Vinylchloride	1.00	1.00	ug/L	U
156-59-2	cis-1,2-Dichloroethene	1.00	1.00	ug/L	U
10061-01-5	cis-1,3-Dichloro-1-propene	1.00	1.00	ug/L	U
108-38-3	m+p-Xylene	1.00	1.00	ug/L	U



United Chemists
59-8 Central Avenue, Farmingdale, NY 11735
Phone - (516) 662-5038

NYS Lab ID # 11866

06/19/2008

Volatile Compounds by EPA Method 8260B

Sample: 0806007-8

Client Sample ID: GW-06

Collected: 06/09/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Liquid

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
104-51-8	n-Butylbenzene	1.00	1.00	ug/L	U
103-65-1	n-Propylbenzene	1.00	1.00	ug/L	U
95-47-6	o-Xylene	1.00	1.00	ug/L	U
99-87-6	p-Isopropyltoluene	1.00	1.00	ug/L	U
135-98-8	sec-Butylbenzene	1.00	1.00	ug/L	U
98-06-6	tert-Butylbenzene	1.00	1.00	ug/L	U
75-85-4	tert-amyl alcohol	1.00	1.00	ug/L	U
994-05-8	tert-amyl methyl ether	1.00	1.00	ug/L	U
156-60-5	trans-1,2-Dichloroethene	1.00	1.00	ug/L	U



Volatile Compounds by EPA Method 8260B

Sample: 0806007-9

Client Sample ID: SB-03 (38-40')

Collected: 06/09/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	5.20	5.20	ug/kg	U
71-55-6	1,1,1-Trichloroethane	5.20	5.20	ug/kg	U
79-34-5	1,1,2,2-Tetrachloroethane	5.20	5.20	ug/kg	U
79-00-5	1,1,2-Trichloroethane	5.20	5.20	ug/kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	5.20	5.20	ug/kg	U
75-34-3	1,1-Dichloroethane	5.20	5.20	ug/kg	U
75-35-4	1,1-Dichloroethene	5.20	5.20	ug/kg	U
563-58-6	1,1-Dichloropropene	5.20	5.20	ug/kg	U
87-61-6	1,2,3-Trichlorobenzene	5.20	5.20	ug/kg	U
96-18-4	1,2,3-Trichloropropane	5.20	5.20	ug/kg	U
120-82-1	1,2,4-Trichlorobenzene	5.20	5.20	ug/kg	U
95-63-6	1,2,4-Trimethylbenzene	5.20	1.88	ug/kg	
106-93-4	1,2-Dibromoethane	5.20	5.20	ug/kg	U
95-50-1	1,2-Dichlorobenzene	5.20	5.20	ug/kg	U
107-06-2	1,2-Dichloroethane	5.20	5.20	ug/kg	U
78-87-5	1,2-Dichloropropane	5.20	5.20	ug/kg	U
108-67-8	1,3,5-Trimethylbenzene	5.20	0.74	ug/kg	
541-73-1	1,3-Dichlorobenzene	5.20	5.20	ug/kg	U
142-28-9	1,3-Dichloropropane	5.20	5.20	ug/kg	U
106-46-7	1,4-Dichlorobenzene	5.20	5.20	ug/kg	U
78-93-3	2-Butanone	5.20	5.20	ug/kg	U
95-49-8	2-Chlorotoluene	5.20	5.20	ug/kg	U
75-27-4	Bromodichloromethane	5.20	5.20	ug/kg	U
106-43-4	4-Chlorotoluene	5.20	5.20	ug/kg	U
79-46-9	2-Nitropropane	5.20	5.20	ug/kg	U
108-10-1	4-Methyl-2-pentanone	5.20	5.20	ug/kg	U
67-64-1	Acetone	26.0	26.0	ug/kg	U
107-13-1	Acrylonitrile	5.20	5.20	ug/kg	U
107-05-1	Allyl chloride	5.20	5.20	ug/kg	U
71-43-2	Benzene	5.20	5.20	ug/kg	U
108-86-1	Bromobenzene	5.20	5.20	ug/kg	U
74-97-5	Bromochloromethane	5.20	5.20	ug/kg	U
75-25-2	Bromoform	5.20	5.20	ug/kg	U
74-83-9	Bromomethane	5.20	5.20	ug/kg	U



Volatile Compounds by EPA Method 8260B

Sample: 0806007-9

Client Sample ID: SB-03 (38-40')

Collected: 06/09/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
75-15-0	Carbon disulfide	5.20	5.20	ug/kg	U
56-23-5	Carbon tetrachloride	5.20	5.20	ug/kg	U
108-90-7	Chlorobenzene	5.20	5.20	ug/kg	U
75-45-6	Chlorodifluoromethane	26.0	26.0	ug/kg	U
75-00-3	Chloroethane	5.20	5.20	ug/kg	U
67-66-3	Chloroform	5.20	5.20	ug/kg	U
74-87-3	Chloromethane	5.20	5.20	ug/kg	U
124-48-1	Dibromochloromethane	5.20	5.20	ug/kg	U
74-95-3	Dibromomethane	5.20	5.20	ug/kg	U
126-99-8	Chloroprene	5.20	5.20	ug/kg	U
75-71-8	Dichlorodifluoromethane	5.20	5.20	ug/kg	U
60-29-7	Diethyl ether	5.20	5.20	ug/kg	U
108-20-3	Diisopropylether	5.20	5.20	ug/kg	U
64-17-5	Ethanol	260	260	ug/kg	U
637-92-3	Ethyl tert-butyl ether	5.20	5.20	ug/kg	U
100-41-4	Ethylbenzene	5.20	5.20	ug/kg	U
87-68-3	Hexachlorobutadiene	5.20	5.20	ug/kg	U
98-82-8	Isopropylbenzene	5.20	5.20	ug/kg	U
126-98-7	Methacrylonitrile	5.20	5.20	ug/kg	U
1634-04-4	Methyl t-butyl ether	5.20	5.20	ug/kg	U
96-33-3	Methyl methacrylate	5.20	5.20	ug/kg	U
75-09-2	Methylene chloride	5.20	5.20	ug/kg	U
91-20-3	Naphthalene	5.20	1.09	ug/kg	
100-42-5	Styrene	5.20	5.20	ug/kg	U
75-65-0	Tertiary butyl alcohol	5.20	5.20	ug/kg	U
127-18-4	Tetrachloroethylene	5.20	5.20	ug/kg	U
108-88-3	Toluene	5.20	5.20	ug/kg	U
79-01-6	Trichloroethene	5.20	5.20	ug/kg	U
75-69-4	Trichlorofluoromethane	5.20	5.20	ug/kg	U
108-05-4	Vinyl Acetate	5.20	5.20	ug/kg	U
75-01-4	Vinylchloride	5.20	5.20	ug/kg	U
156-59-2	cis-1,2-Dichloroethene	5.20	5.20	ug/kg	U
10061-01-5	cis-1,3-Dichloro-1-propene	5.20	5.20	ug/kg	U
108-38-3	m+p-Xylene	5.20	5.20	ug/kg	U



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NYS Lab ID # 11866

06/19/2008

Volatile Compounds by EPA Method 8260B

Sample: 0806007-9

Client Sample ID: SB-03 (38-40')

Collected: 06/09/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
104-51-8	n-Butylbenzene	5.20	5.20	ug/kg	U
103-65-1	n-Propylbenzene	5.20	0.46	ug/kg	
95-47-6	o-Xylene	5.20	5.20	ug/kg	U
99-87-6	p-Isopropyltoluene	5.20	5.20	ug/kg	U
135-98-8	sec-Butylbenzene	5.20	5.20	ug/kg	U
98-06-6	tert-Butylbenzene	5.20	5.20	ug/kg	U
75-85-4	tert-amyl alcohol	5.20	5.20	ug/kg	U
994-05-8	tert-amyl methyl ether	5.20	5.20	ug/kg	U
156-60-5	trans-1,2-Dichloroethene	5.20	5.20	ug/kg	U



Volatile Compounds by EPA Method 8260B

Sample: 0806007-10

Client Sample ID: SB-05 (38-40')

Collected: 06/09/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	5.25	5.25	ug/kg	U
71-55-6	1,1,1-Trichloroethane	5.25	5.25	ug/kg	U
79-34-5	1,1,2,2-Tetrachloroethane	5.25	5.25	ug/kg	U
79-00-5	1,1,2-Trichloroethane	5.25	5.25	ug/kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	5.25	5.25	ug/kg	U
75-34-3	1,1-Dichloroethane	5.25	5.25	ug/kg	U
75-35-4	1,1-Dichloroethene	5.25	5.25	ug/kg	U
563-58-6	1,1-Dichloropropene	5.25	5.25	ug/kg	U
87-61-6	1,2,3-Trichlorobenzene	5.25	5.25	ug/kg	U
96-18-4	1,2,3-Trichloropropane	5.25	5.25	ug/kg	U
120-82-1	1,2,4-Trichlorobenzene	5.25	5.25	ug/kg	U
95-63-6	1,2,4-Trimethylbenzene	5.25	1.86	ug/kg	
106-93-4	1,2-Dibromoethane	5.25	5.25	ug/kg	U
95-50-1	1,2-Dichlorobenzene	5.25	5.25	ug/kg	U
107-06-2	1,2-Dichloroethane	5.25	5.25	ug/kg	U
78-87-5	1,2-Dichloropropane	5.25	5.25	ug/kg	U
108-67-8	1,3,5-Trimethylbenzene	5.25	3.44	ug/kg	
541-73-1	1,3-Dichlorobenzene	5.25	5.25	ug/kg	U
142-28-9	1,3-Dichloropropane	5.25	5.25	ug/kg	U
106-46-7	1,4-Dichlorobenzene	5.25	5.25	ug/kg	U
78-93-3	2-Butanone	5.25	5.25	ug/kg	U
95-49-8	2-Chlorotoluene	5.25	5.25	ug/kg	U
75-27-4	Bromodichloromethane	5.25	5.25	ug/kg	U
106-43-4	4-Chlorotoluene	5.25	5.25	ug/kg	U
79-46-9	2-Nitropropane	5.25	5.25	ug/kg	U
108-10-1	4-Methyl-2-pentanone	5.25	5.25	ug/kg	U
67-64-1	Acetone	26.3	26.3	ug/kg	U
107-13-1	Acrylonitrile	5.25	5.25	ug/kg	U
107-05-1	Allyl chloride	5.25	5.25	ug/kg	U
71-43-2	Benzene	5.25	5.25	ug/kg	U
108-86-1	Bromobenzene	5.25	5.25	ug/kg	U
74-97-5	Bromochloromethane	5.25	5.25	ug/kg	U
75-25-2	Bromoform	5.25	5.25	ug/kg	U
74-83-9	Bromomethane	5.25	5.25	ug/kg	U



Volatile Compounds by EPA Method 8260B

Sample: 0806007-10

Client Sample ID: SB-05 (38-40')

Collected: 06/09/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
75-15-0	Carbon disulfide	5.25	5.25	ug/kg	U
56-23-5	Carbon tetrachloride	5.25	5.25	ug/kg	U
108-90-7	Chlorobenzene	5.25	5.25	ug/kg	U
75-45-6	Chlorodifluoromethane	26.3	26.3	ug/kg	U
75-00-3	Chloroethane	5.25	5.25	ug/kg	U
67-66-3	Chloroform	5.25	5.25	ug/kg	U
74-87-3	Chloromethane	5.25	5.25	ug/kg	U
124-48-1	Dibromochloromethane	5.25	5.25	ug/kg	U
74-95-3	Dibromomethane	5.25	5.25	ug/kg	U
126-99-8	Chloroprene	5.25	5.25	ug/kg	U
75-71-8	Dichlorodifluoromethane	5.25	5.25	ug/kg	U
60-29-7	Diethyl ether	5.25	5.25	ug/kg	U
108-20-3	Diisopropylether	5.25	5.25	ug/kg	U
64-17-5	Ethanol	262	262	ug/kg	U
637-92-3	Ethyl tert-butyl ether	5.25	5.25	ug/kg	U
100-41-4	Ethylbenzene	5.25	5.25	ug/kg	U
87-68-3	Hexachlorobutadiene	5.25	5.25	ug/kg	U
98-82-8	Isopropylbenzene	5.25	5.25	ug/kg	U
126-98-7	Methacrylonitrile	5.25	5.25	ug/kg	U
1634-04-4	Methyl t-butyl ether	5.25	5.25	ug/kg	U
96-33-3	Methyl methacrylate	5.25	5.25	ug/kg	U
75-09-2	Methylene chloride	5.25	5.25	ug/kg	U
91-20-3	Naphthalene	5.25	0.96	ug/kg	
100-42-5	Styrene	5.25	5.25	ug/kg	U
75-65-0	Tertiary butyl alcohol	5.25	5.25	ug/kg	U
127-18-4	Tetrachloroethylene	5.25	5.25	ug/kg	U
108-88-3	Toluene	5.25	5.25	ug/kg	U
79-01-6	Trichloroethene	5.25	5.25	ug/kg	U
75-69-4	Trichlorofluoromethane	5.25	5.25	ug/kg	U
108-05-4	Vinyl Acetate	5.25	5.25	ug/kg	U
75-01-4	Vinylchloride	5.25	5.25	ug/kg	U
156-59-2	cis-1,2-Dichloroethene	5.25	5.25	ug/kg	U
10061-01-5	cis-1,3-Dichloro-1-propene	5.25	5.25	ug/kg	U
108-38-3	m+p-Xylene	5.25	5.25	ug/kg	U



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NYS Lab ID # 11866

06/19/2008

Volatile Compounds by EPA Method 8260B

Sample: 0806007-10

Client Sample ID: SB-05 (38-40')

Collected: 06/09/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
104-51-8	n-Butylbenzene	5.25	5.25	ug/kg	U
103-65-1	n-Propylbenzene	5.25	0.42	ug/kg	
95-47-6	o-Xylene	5.25	5.25	ug/kg	U
99-87-6	p-Isopropyltoluene	5.25	5.25	ug/kg	U
135-98-8	sec-Butylbenzene	5.25	5.25	ug/kg	U
98-06-6	tert-Butylbenzene	5.25	5.25	ug/kg	U
75-85-4	tert-amyl alcohol	5.25	5.25	ug/kg	U
994-05-8	tert-amyl methyl ether	5.25	5.25	ug/kg	U
156-60-5	trans-1,2-Dichloroethene	5.25	5.25	ug/kg	U



Volatile Compounds by EPA Method 8260B

Sample: 0806007-11

Client Sample ID: SB-02 (39-41')

Collected: 06/10/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	5.20	5.20	ug/kg	U
71-55-6	1,1,1-Trichloroethane	5.20	5.20	ug/kg	U
79-34-5	1,1,2,2-Tetrachloroethane	5.20	5.20	ug/kg	U
79-00-5	1,1,2-Trichloroethane	5.20	5.20	ug/kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	5.20	5.20	ug/kg	U
75-34-3	1,1-Dichloroethane	5.20	5.20	ug/kg	U
75-35-4	1,1-Dichloroethene	5.20	5.20	ug/kg	U
563-58-6	1,1-Dichloropropene	5.20	5.20	ug/kg	U
87-61-6	1,2,3-Trichlorobenzene	5.20	5.20	ug/kg	U
96-18-4	1,2,3-Trichloropropane	5.20	5.20	ug/kg	U
120-82-1	1,2,4-Trichlorobenzene	5.20	5.20	ug/kg	U
95-63-6	1,2,4-Trimethylbenzene	5.20	1.79	ug/kg	
106-93-4	1,2-Dibromoethane	5.20	5.20	ug/kg	U
95-50-1	1,2-Dichlorobenzene	5.20	5.20	ug/kg	U
107-06-2	1,2-Dichloroethane	5.20	5.20	ug/kg	U
78-87-5	1,2-Dichloropropane	5.20	5.20	ug/kg	U
108-67-8	1,3,5-Trimethylbenzene	5.20	2.56	ug/kg	
541-73-1	1,3-Dichlorobenzene	5.20	5.20	ug/kg	U
142-28-9	1,3-Dichloropropane	5.20	5.20	ug/kg	U
106-46-7	1,4-Dichlorobenzene	5.20	5.20	ug/kg	U
78-93-3	2-Butanone	5.20	5.20	ug/kg	U
95-49-8	2-Chlorotoluene	5.20	5.20	ug/kg	U
75-27-4	Bromodichloromethane	5.20	5.20	ug/kg	U
106-43-4	4-Chlorotoluene	5.20	5.20	ug/kg	U
79-46-9	2-Nitropropane	5.20	5.20	ug/kg	U
108-10-1	4-Methyl-2-pentanone	5.20	5.20	ug/kg	U
67-64-1	Acetone	26.0	26.0	ug/kg	U
107-13-1	Acrylonitrile	5.20	5.20	ug/kg	U
107-05-1	Allyl chloride	5.20	5.20	ug/kg	U
71-43-2	Benzene	5.20	5.20	ug/kg	U
108-86-1	Bromobenzene	5.20	5.20	ug/kg	U
74-97-5	Bromochloromethane	5.20	5.20	ug/kg	U
75-25-2	Bromoform	5.20	5.20	ug/kg	U
74-83-9	Bromomethane	5.20	5.20	ug/kg	U



Volatile Compounds by EPA Method 8260B

Sample: 0806007-11

Client Sample ID: SB-02 (39-41')

Collected: 06/10/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
75-15-0	Carbon disulfide	5.20	5.20	ug/kg	U
56-23-5	Carbon tetrachloride	5.20	5.20	ug/kg	U
108-90-7	Chlorobenzene	5.20	5.20	ug/kg	U
75-45-6	Chlorodifluoromethane	26.0	26.0	ug/kg	U
75-00-3	Chloroethane	5.20	5.20	ug/kg	U
67-66-3	Chloroform	5.20	5.20	ug/kg	U
74-87-3	Chloromethane	5.20	5.20	ug/kg	U
124-48-1	Dibromochloromethane	5.20	5.20	ug/kg	U
74-95-3	Dibromomethane	5.20	5.20	ug/kg	U
126-99-8	Chloroprene	5.20	5.20	ug/kg	U
75-71-8	Dichlorodifluoromethane	5.20	5.20	ug/kg	U
60-29-7	Diethyl ether	5.20	5.20	ug/kg	U
108-20-3	Diisopropylether	5.20	5.20	ug/kg	U
64-17-5	Ethanol	260	260	ug/kg	U
637-92-3	Ethyl tert-butyl ether	5.20	5.20	ug/kg	U
100-41-4	Ethylbenzene	5.20	5.20	ug/kg	U
87-68-3	Hexachlorobutadiene	5.20	5.20	ug/kg	U
98-82-8	Isopropylbenzene	5.20	5.20	ug/kg	U
126-98-7	Methacrylonitrile	5.20	5.20	ug/kg	U
1634-04-4	Methyl t-butyl ether	5.20	5.20	ug/kg	U
96-33-3	Methyl methacrylate	5.20	5.20	ug/kg	U
75-09-2	Methylene chloride	5.20	5.20	ug/kg	U
91-20-3	Naphthalene	5.20	0.92	ug/kg	
100-42-5	Styrene	5.20	5.20	ug/kg	U
75-65-0	Tertiary butyl alcohol	5.20	5.20	ug/kg	U
127-18-4	Tetrachloroethylene	5.20	5.20	ug/kg	U
108-88-3	Toluene	5.20	5.20	ug/kg	U
79-01-6	Trichloroethene	5.20	5.20	ug/kg	U
75-69-4	Trichlorofluoromethane	5.20	5.20	ug/kg	U
108-05-4	Vinyl Acetate	5.20	5.20	ug/kg	U
75-01-4	Vinylchloride	5.20	5.20	ug/kg	U
156-59-2	cis-1,2-Dichloroethene	5.20	5.20	ug/kg	U
10061-01-5	cis-1,3-Dichloro-1-propene	5.20	5.20	ug/kg	U
108-38-3	m+p-Xylene	5.20	5.20	ug/kg	U



United Chemists
59-8 Central Avenue, Farmingdale, NY 11735
Phone - (516) 662-5038

NYS Lab ID # 11866

06/19/2008

Volatile Compounds by EPA Method 8260B

Sample: 0806007-11

Client Sample ID: SB-02 (39-41')

Collected: 06/10/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
104-51-8	n-Butylbenzene	5.20	5.20	ug/kg	U
103-65-1	n-Propylbenzene	5.20	0.43	ug/kg	
95-47-6	o-Xylene	5.20	5.20	ug/kg	U
99-87-6	p-Isopropyltoluene	5.20	5.20	ug/kg	U
135-98-8	sec-Butylbenzene	5.20	5.20	ug/kg	U
98-06-6	tert-Butylbenzene	5.20	5.20	ug/kg	U
75-85-4	tert-amyl alcohol	5.20	5.20	ug/kg	U
994-05-8	tert-amyl methyl ether	5.20	5.20	ug/kg	U
156-60-5	trans-1,2-Dichloroethene	5.20	5.20	ug/kg	U



Volatile Compounds by EPA Method 8260B

Sample: 0806007-12

Client Sample ID: SB-04 (38-40')

Collected: 06/10/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	5.20	5.20	ug/kg	U
71-55-6	1,1,1-Trichloroethane	5.20	5.20	ug/kg	U
79-34-5	1,1,2,2-Tetrachloroethane	5.20	5.20	ug/kg	U
79-00-5	1,1,2-Trichloroethane	5.20	5.20	ug/kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	5.20	5.20	ug/kg	U
75-34-3	1,1-Dichloroethane	5.20	5.20	ug/kg	U
75-35-4	1,1-Dichloroethene	5.20	5.20	ug/kg	U
563-58-6	1,1-Dichloropropene	5.20	5.20	ug/kg	U
87-61-6	1,2,3-Trichlorobenzene	5.20	5.20	ug/kg	U
96-18-4	1,2,3-Trichloropropane	5.20	5.20	ug/kg	U
120-82-1	1,2,4-Trichlorobenzene	5.20	5.20	ug/kg	U
95-63-6	1,2,4-Trimethylbenzene	5.20	1.58	ug/kg	
106-93-4	1,2-Dibromoethane	5.20	5.20	ug/kg	U
95-50-1	1,2-Dichlorobenzene	5.20	5.20	ug/kg	U
107-06-2	1,2-Dichloroethane	5.20	5.20	ug/kg	U
78-87-5	1,2-Dichloropropane	5.20	5.20	ug/kg	U
108-67-8	1,3,5-Trimethylbenzene	5.20	3.15	ug/kg	
541-73-1	1,3-Dichlorobenzene	5.20	5.20	ug/kg	U
142-28-9	1,3-Dichloropropane	5.20	5.20	ug/kg	U
106-46-7	1,4-Dichlorobenzene	5.20	5.20	ug/kg	U
78-93-3	2-Butanone	5.20	5.20	ug/kg	U
95-49-8	2-Chlorotoluene	5.20	5.20	ug/kg	U
75-27-4	Bromodichloromethane	5.20	5.20	ug/kg	U
106-43-4	4-Chlorotoluene	5.20	5.20	ug/kg	U
79-46-9	2-Nitropropane	5.20	5.20	ug/kg	U
108-10-1	4-Methyl-2-pentanone	5.20	5.20	ug/kg	U
67-64-1	Acetone	26.0	26.0	ug/kg	U
107-13-1	Acrylonitrile	5.20	5.20	ug/kg	U
107-05-1	Allyl chloride	5.20	5.20	ug/kg	U
71-43-2	Benzene	5.20	5.20	ug/kg	U
108-86-1	Bromobenzene	5.20	5.20	ug/kg	U
74-97-5	Bromochloromethane	5.20	5.20	ug/kg	U
75-25-2	Bromoform	5.20	5.20	ug/kg	U
74-83-9	Bromomethane	5.20	5.20	ug/kg	U



Volatile Compounds by EPA Method 8260B

Sample: 0806007-12

Client Sample ID: SB-04 (38-40')

Collected: 06/10/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
75-15-0	Carbon disulfide	5.20	5.20	ug/kg	U
56-23-5	Carbon tetrachloride	5.20	5.20	ug/kg	U
108-90-7	Chlorobenzene	5.20	5.20	ug/kg	U
75-45-6	Chlorodifluoromethane	26.0	26.0	ug/kg	U
75-00-3	Chloroethane	5.20	5.20	ug/kg	U
67-66-3	Chloroform	5.20	5.20	ug/kg	U
74-87-3	Chloromethane	5.20	5.20	ug/kg	U
124-48-1	Dibromochloromethane	5.20	5.20	ug/kg	U
74-95-3	Dibromomethane	5.20	5.20	ug/kg	U
126-99-8	Chloroprene	5.20	5.20	ug/kg	U
75-71-8	Dichlorodifluoromethane	5.20	5.20	ug/kg	U
60-29-7	Diethyl ether	5.20	5.20	ug/kg	U
108-20-3	Diisopropylether	5.20	5.20	ug/kg	U
64-17-5	Ethanol	260	260	ug/kg	U
637-92-3	Ethyl tert-butyl ether	5.20	5.20	ug/kg	U
100-41-4	Ethylbenzene	5.20	5.20	ug/kg	U
87-68-3	Hexachlorobutadiene	5.20	5.20	ug/kg	U
98-82-8	Isopropylbenzene	5.20	5.20	ug/kg	U
126-98-7	Methacrylonitrile	5.20	5.20	ug/kg	U
1634-04-4	Methyl t-butyl ether	5.20	5.20	ug/kg	U
96-33-3	Methyl methacrylate	5.20	5.20	ug/kg	U
75-09-2	Methylene chloride	5.20	5.20	ug/kg	U
91-20-3	Naphthalene	5.20	0.89	ug/kg	
100-42-5	Styrene	5.20	5.20	ug/kg	U
75-65-0	Tertiary butyl alcohol	5.20	5.20	ug/kg	U
127-18-4	Tetrachloroethylene	5.20	5.20	ug/kg	U
108-88-3	Toluene	5.20	0.43	ug/kg	
79-01-6	Trichloroethene	5.20	5.20	ug/kg	U
75-69-4	Trichlorofluoromethane	5.20	5.20	ug/kg	U
108-05-4	Vinyl Acetate	5.20	5.20	ug/kg	U
75-01-4	Vinylchloride	5.20	5.20	ug/kg	U
156-59-2	cis-1,2-Dichloroethene	5.20	5.20	ug/kg	U
10061-01-5	cis-1,3-Dichloro-1-propene	5.20	5.20	ug/kg	U
108-38-3	m+p-Xylene	5.20	5.20	ug/kg	U



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06/19/2008

Volatile Compounds by EPA Method 8260B

Sample: 0806007-12

Client Sample ID: SB-04 (38-40')

Collected: 06/10/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
104-51-8	n-Butylbenzene	5.20	5.20	ug/kg	U
103-65-1	n-Propylbenzene	5.20	0.44	ug/kg	
95-47-6	o-Xylene	5.20	5.20	ug/kg	U
99-87-6	p-Isopropyltoluene	5.20	5.20	ug/kg	U
135-98-8	sec-Butylbenzene	5.20	5.20	ug/kg	U
98-06-6	tert-Butylbenzene	5.20	5.20	ug/kg	U
75-85-4	tert-amyl alcohol	5.20	5.20	ug/kg	U
994-05-8	tert-amyl methyl ether	5.20	5.20	ug/kg	U
156-60-5	trans-1,2-Dichloroethene	5.20	5.20	ug/kg	U



Volatile Compounds by EPA Method 8260B

Sample: 0806007-13

Client Sample ID: SB-01 (38-40')

Collected: 06/10/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	5.20	5.20	ug/kg	U
71-55-6	1,1,1-Trichloroethane	5.20	5.20	ug/kg	U
79-34-5	1,1,2,2-Tetrachloroethane	5.20	5.20	ug/kg	U
79-00-5	1,1,2-Trichloroethane	5.20	5.20	ug/kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	5.20	5.20	ug/kg	U
75-34-3	1,1-Dichloroethane	5.20	5.20	ug/kg	U
75-35-4	1,1-Dichloroethene	5.20	5.20	ug/kg	U
563-58-6	1,1-Dichloropropene	5.20	5.20	ug/kg	U
87-61-6	1,2,3-Trichlorobenzene	5.20	5.20	ug/kg	U
96-18-4	1,2,3-Trichloropropane	5.20	5.20	ug/kg	U
120-82-1	1,2,4-Trichlorobenzene	5.20	5.20	ug/kg	U
95-63-6	1,2,4-Trimethylbenzene	5.20	1.82	ug/kg	
106-93-4	1,2-Dibromoethane	5.20	5.20	ug/kg	U
95-50-1	1,2-Dichlorobenzene	5.20	5.20	ug/kg	U
107-06-2	1,2-Dichloroethane	5.20	5.20	ug/kg	U
78-87-5	1,2-Dichloropropane	5.20	5.20	ug/kg	U
108-67-8	1,3,5-Trimethylbenzene	5.20	3.32	ug/kg	
541-73-1	1,3-Dichlorobenzene	5.20	5.20	ug/kg	U
142-28-9	1,3-Dichloropropane	5.20	5.20	ug/kg	U
106-46-7	1,4-Dichlorobenzene	5.20	5.20	ug/kg	U
78-93-3	2-Butanone	5.20	5.20	ug/kg	U
95-49-8	2-Chlorotoluene	5.20	5.20	ug/kg	U
75-27-4	Bromodichloromethane	5.20	5.20	ug/kg	U
106-43-4	4-Chlorotoluene	5.20	5.20	ug/kg	U
79-46-9	2-Nitropropane	5.20	5.20	ug/kg	U
108-10-1	4-Methyl-2-pentanone	5.20	5.20	ug/kg	U
67-64-1	Acetone	26.0	26.0	ug/kg	U
107-13-1	Acrylonitrile	5.20	5.20	ug/kg	U
107-05-1	Allyl chloride	5.20	5.20	ug/kg	U
71-43-2	Benzene	5.20	5.20	ug/kg	U
108-86-1	Bromobenzene	5.20	5.20	ug/kg	U
74-97-5	Bromochloromethane	5.20	5.20	ug/kg	U
75-25-2	Bromoform	5.20	5.20	ug/kg	U
74-83-9	Bromomethane	5.20	5.20	ug/kg	U



Volatile Compounds by EPA Method 8260B

Sample: 0806007-13

Client Sample ID: SB-01 (38-40')

Collected: 06/10/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
75-15-0	Carbon disulfide	5.20	5.20	ug/kg	U
56-23-5	Carbon tetrachloride	5.20	5.20	ug/kg	U
108-90-7	Chlorobenzene	5.20	5.20	ug/kg	U
75-45-6	Chlorodifluoromethane	26.0	26.0	ug/kg	U
75-00-3	Chloroethane	5.20	5.20	ug/kg	U
67-66-3	Chloroform	5.20	5.20	ug/kg	U
74-87-3	Chloromethane	5.20	5.20	ug/kg	U
124-48-1	Dibromochloromethane	5.20	5.20	ug/kg	U
74-95-3	Dibromomethane	5.20	5.20	ug/kg	U
126-99-8	Chloroprene	5.20	5.20	ug/kg	U
75-71-8	Dichlorodifluoromethane	5.20	5.20	ug/kg	U
60-29-7	Diethyl ether	5.20	5.20	ug/kg	U
108-20-3	Diisopropylether	5.20	5.20	ug/kg	U
64-17-5	Ethanol	260	260	ug/kg	U
637-92-3	Ethyl tert-butyl ether	5.20	5.20	ug/kg	U
100-41-4	Ethylbenzene	5.20	5.20	ug/kg	U
87-68-3	Hexachlorobutadiene	5.20	5.20	ug/kg	U
98-82-8	Isopropylbenzene	5.20	5.20	ug/kg	U
126-98-7	Methacrylonitrile	5.20	5.20	ug/kg	U
1634-04-4	Methyl t-butyl ether	5.20	5.20	ug/kg	U
96-33-3	Methyl methacrylate	5.20	5.20	ug/kg	U
75-09-2	Methylene chloride	5.20	5.20	ug/kg	U
91-20-3	Naphthalene	5.20	5.20	ug/kg	U
100-42-5	Styrene	5.20	5.20	ug/kg	U
75-65-0	Tertiary butyl alcohol	5.20	5.20	ug/kg	U
127-18-4	Tetrachloroethylene	5.20	5.20	ug/kg	U
108-88-3	Toluene	5.20	5.20	ug/kg	U
79-01-6	Trichloroethene	5.20	5.20	ug/kg	U
75-69-4	Trichlorofluoromethane	5.20	5.20	ug/kg	U
108-05-4	Vinyl Acetate	5.20	5.20	ug/kg	U
75-01-4	Vinylchloride	5.20	5.20	ug/kg	U
156-59-2	cis-1,2-Dichloroethene	5.20	5.20	ug/kg	U
10061-01-5	cis-1,3-Dichloro-1-propene	5.20	5.20	ug/kg	U
108-38-3	m+p-Xylene	5.20	5.20	ug/kg	U



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NYS Lab ID # 11866

06/19/2008

Volatile Compounds by EPA Method 8260B

Sample: 0806007-13

Client Sample ID: SB-01 (38-40')

Collected: 06/10/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
104-51-8	n-Butylbenzene	5.20	5.20	ug/kg	U
103-65-1	n-Propylbenzene	5.20	0.40	ug/kg	
95-47-6	o-Xylene	5.20	5.20	ug/kg	U
99-87-6	p-Isopropyltoluene	5.20	5.20	ug/kg	U
135-98-8	sec-Butylbenzene	5.20	5.20	ug/kg	U
98-06-6	tert-Butylbenzene	5.20	5.20	ug/kg	U
75-85-4	tert-amyl alcohol	5.20	5.20	ug/kg	U
994-05-8	tert-amyl methyl ether	5.20	5.20	ug/kg	U
156-60-5	trans-1,2-Dichloroethene	5.20	5.20	ug/kg	U



Volatile Compounds by EPA Method 8260B

Sample: 0806007-14

Client Sample ID: GW-01

Collected: 06/10/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Liquid

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	1.00	1.00	ug/L	U
71-55-6	1,1,1-Trichloroethane	1.00	1.00	ug/L	U
79-34-5	1,1,2,2-Tetrachloroethane	1.00	1.00	ug/L	U
79-00-5	1,1,2-Trichloroethane	1.00	1.00	ug/L	U
76-13-1	1,1,2-Trichlorotrifluoroethane	1.00	1.00	ug/L	U
75-34-3	1,1-Dichloroethane	1.00	1.00	ug/L	U
75-35-4	1,1-Dichloroethene	1.00	1.00	ug/L	U
563-58-6	1,1-Dichloropropene	1.00	1.00	ug/L	U
87-61-6	1,2,3-Trichlorobenzene	1.00	1.00	ug/L	U
96-18-4	1,2,3-Trichloropropane	1.00	1.00	ug/L	U
120-82-1	1,2,4-Trichlorobenzene	1.00	1.00	ug/L	U
95-63-6	1,2,4-Trimethylbenzene	1.00	1.00	ug/L	U
106-93-4	1,2-Dibromoethane	1.00	1.00	ug/L	U
95-50-1	1,2-Dichlorobenzene	1.00	1.00	ug/L	U
107-06-2	1,2-Dichloroethane	1.00	1.00	ug/L	U
78-87-5	1,2-Dichloropropane	1.00	1.00	ug/L	U
108-67-8	1,3,5-Trimethylbenzene	1.00	1.00	ug/L	U
541-73-1	1,3-Dichlorobenzene	1.00	1.00	ug/L	U
142-28-9	1,3-Dichloropropane	1.00	1.00	ug/L	U
106-46-7	1,4-Dichlorobenzene	1.00	1.00	ug/L	U
78-93-3	2-Butanone	1.00	1.00	ug/L	U
95-49-8	2-Chlorotoluene	1.00	1.00	ug/L	U
75-27-4	Bromodichloromethane	1.00	1.00	ug/L	U
106-43-4	4-Chlorotoluene	1.00	1.00	ug/L	U
79-46-9	2-Nitropropane	1.00	1.00	ug/L	U
108-10-1	4-Methyl-2-pentanone	1.00	1.00	ug/L	U
67-64-1	Acetone	5.00	5.00	ug/L	U
107-13-1	Acrylonitrile	1.00	1.00	ug/L	U
107-05-1	Allyl chloride	1.00	1.00	ug/L	U
71-43-2	Benzene	1.00	1.00	ug/L	U
108-86-1	Bromobenzene	1.00	1.00	ug/L	U
74-97-5	Bromochloromethane	1.00	1.00	ug/L	U
75-25-2	Bromoform	1.00	1.00	ug/L	U
74-83-9	Bromomethane	1.00	1.00	ug/L	U



Volatile Compounds by EPA Method 8260B

Sample: 0806007-14

Client Sample ID: GW-01

Collected: 06/10/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Liquid

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
75-15-0	Carbon disulfide	1.00	1.00	ug/L	U
56-23-5	Carbon tetrachloride	1.00	1.00	ug/L	U
108-90-7	Chlorobenzene	1.00	1.00	ug/L	U
75-45-6	Chlorodifluoromethane	5.00	5.00	ug/L	U
75-00-3	Chloroethane	1.00	1.00	ug/L	U
67-66-3	Chloroform	1.00	1.00	ug/L	U
74-87-3	Chloromethane	1.00	1.00	ug/L	U
124-48-1	Dibromochloromethane	1.00	1.00	ug/L	U
74-95-3	Dibromomethane	1.00	1.00	ug/L	U
126-99-8	Chloroprene	1.00	1.00	ug/L	U
75-71-8	Dichlorodifluoromethane	1.00	1.00	ug/L	U
60-29-7	Diethyl ether	1.00	1.00	ug/L	U
108-20-3	Diisopropylether	1.00	1.00	ug/L	U
64-17-5	Ethanol	25.0	25.0	ug/L	U
637-92-3	Ethyl tert-butyl ether	1.00	1.00	ug/L	U
100-41-4	Ethylbenzene	1.00	1.00	ug/L	U
87-68-3	Hexachlorobutadiene	1.00	1.00	ug/L	U
98-82-8	Isopropylbenzene	1.00	1.00	ug/L	U
126-98-7	Methacrylonitrile	5.00	5.00	ug/L	U
1634-04-4	Methyl t-butyl ether	1.00	1.00	ug/L	U
96-33-3	Methyl methacrylate	1.00	1.00	ug/L	U
75-09-2	Methylene chloride	1.00	1.00	ug/L	U
91-20-3	Naphthalene	1.00	1.00	ug/L	U
100-42-5	Styrene	1.00	1.00	ug/L	U
75-65-0	Tertiary butyl alcohol	1.00	1.00	ug/L	U
127-18-4	Tetrachloroethylene	1.00	1.19	ug/L	
108-88-3	Toluene	1.00	1.00	ug/L	U
79-01-6	Trichloroethene	1.00	1.00	ug/L	U
75-69-4	Trichlorofluoromethane	1.00	1.00	ug/L	U
108-05-4	Vinyl Acetate	1.00	1.00	ug/L	U
75-01-4	Vinylchloride	1.00	1.00	ug/L	U
156-59-2	cis-1,2-Dichloroethene	1.00	1.00	ug/L	U
10061-01-5	cis-1,3-Dichloro-1-propene	1.00	1.00	ug/L	U
108-38-3	m+p-Xylene	1.00	1.00	ug/L	U



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NYS Lab ID # 11866

06/19/2008

Volatile Compounds by EPA Method 8260B

Sample: 0806007-14

Client Sample ID: GW-01

Collected: 06/10/2008 00:00

Analyzed Date: 06/13/2008

Matrix: Liquid

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
104-51-8	n-Butylbenzene	1.00	1.00	ug/L	U
103-65-1	n-Propylbenzene	1.00	1.00	ug/L	U
95-47-6	o-Xylene	1.00	1.00	ug/L	U
99-87-6	p-Isopropyltoluene	1.00	1.00	ug/L	U
135-98-8	sec-Butylbenzene	1.00	1.00	ug/L	U
98-06-6	tert-Butylbenzene	1.00	1.00	ug/L	U
75-85-4	tert-amyl alcohol	1.00	1.00	ug/L	U
994-05-8	tert-amyl methyl ether	1.00	1.00	ug/L	U
156-60-5	trans-1,2-Dichloroethene	1.00	1.00	ug/L	U



Semivolatile Compounds - EPA 8270C

Sample: 0806007-1

Client Sample ID: SB-01 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
120-82-1	1,2,4-Trichlorobenzene	193	193	ug/kg	U
95-50-1	1,2-Dichlorobenzene	193	193	ug/kg	U
541-73-1	1,3-Dichlorobenzene	193	193	ug/kg	U
106-46-7	1,4-Dichlorobenzene	193	193	ug/kg	U
95-95-4	2,4,5-Trichlorophenol	193	193	ug/kg	U
88-06-2	2,4,6-Trichlorophenol	193	193	ug/kg	U
120-83-2	2,4-Dichlorophenol	193	193	ug/kg	U
105-67-9	2,4-Dimethylphenol	193	193	ug/kg	U
51-28-5	2,4-Dinitrophenol	193	193	ug/kg	U
121-14-2	2,4-Dinitrotoluene	193	193	ug/kg	U
606-20-2	2,6-Dinitrotoluene	193	193	ug/kg	U
91-58-7	2-Chloronaphthalene	193	193	ug/kg	U
95-57-8	2-Chlorophenol	193	193	ug/kg	U
91-57-6	2-Methylnaphthalene	193	193	ug/kg	U
95-48-7	2-Methylphenol	193	193	ug/kg	U
88-74-4	2-Nitroaniline	193	193	ug/kg	U
88-75-5	2-Nitrophenol	193	193	ug/kg	U
106-44-5	3+4-Methylphenol	193	193	ug/kg	U
91-94-1	3,3'-Dichlorobenzidine	193	193	ug/kg	U
99-09-2	3-Nitroaniline	193	193	ug/kg	U
534-52-1	4,6-Dinitro-2-methylphenol	193	193	ug/kg	U
101-55-3	4-Bromophenyl phenyl ether	193	193	ug/kg	U
59-50-7	4-Chloro-3-methylphenol	193	193	ug/kg	U
106-47-8	4-Chloroaniline	193	193	ug/kg	U
7005-72-3	4-Chlorophenyl phenyl ether	193	193	ug/kg	U
100-01-6	4-Nitroaniline	193	193	ug/kg	U
100-02-7	4-Nitrophenol	193	193	ug/kg	U
83-32-9	Acenaphthene	193	193	ug/kg	U
208-96-8	Acenaphthylene	193	193	ug/kg	U
120-12-7	Anthracene	193	193	ug/kg	U
56-55-3	Benzo(a)anthracene	193	193	ug/kg	U
50-32-8	Benzo(a)pyrene	193	193	ug/kg	U
205-99-2	Benzo(b)fluoranthene	193	193	ug/kg	U
191-24-2	Benzo(g,h,i)perylene	193	193	ug/kg	U



Semivolatile Compounds - EPA 8270C

Sample: 0806007-1

Client Sample ID: SB-01 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
207-08-9	Benzo(k)fluoranthene	193	193	ug/kg	U
85-68-7	Butyl benzyl phthalate	193	193	ug/kg	U
218-01-9	Chrysene	193	193	ug/kg	U
84-74-2	Di-n-butyl phthalate	1170	1170	ug/kg	U
117-84-0	Di-n-octyl phthalate	193	193	ug/kg	U
53-70-3	Dibenz(a,h)anthracene	193	193	ug/kg	U
132-64-9	Dibenzofuran	193	193	ug/kg	U
84-66-2	Diethyl phthalate	193	193	ug/kg	U
131-11-3	Dimethyl phthalate	193	193	ug/kg	U
206-44-0	Fluoranthene	193	193	ug/kg	U
86-73-7	Fluorene	193	193	ug/kg	U
118-74-1	Hexachlorobenzene	193	193	ug/kg	U
87-68-3	Hexachlorobutadiene	193	193	ug/kg	U
77-47-4	Hexachlorocyclopentadiene	233	233	ug/kg	U
67-72-1	Hexachloroethane	193	193	ug/kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	193	193	ug/kg	U
78-59-1	Isophorone	193	193	ug/kg	U
621-64-7	N-Nitrosodi-n-propylamine	193	193	ug/kg	U
86-30-6	N-Nitrosodiphenylamine	193	193	ug/kg	U
91-20-3	Naphthalene	193	193	ug/kg	U
98-95-3	Nitrobenzene	193	193	ug/kg	U
87-86-5	Pentachlorophenol	193	193	ug/kg	U
85-01-8	Phenanthrene	193	193	ug/kg	U
108-95-2	Phenol	193	193	ug/kg	U
129-00-0	Pyrene	193	193	ug/kg	U
111-91-1	bis(2-Chloroethoxy)methane	193	193	ug/kg	U
111-44-4	bis(2-Chloroethyl)ether	193	193	ug/kg	U
108-60-1	bis(2-Chloroisopropyl)ether	193	193	ug/kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	1170	1170	ug/kg	U



Semivolatile Compounds - EPA 8270C

Sample: 0806007-2

Client Sample ID: SB-04 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
120-82-1	1,2,4-Trichlorobenzene	193	193	ug/kg	U
95-50-1	1,2-Dichlorobenzene	193	193	ug/kg	U
541-73-1	1,3-Dichlorobenzene	193	193	ug/kg	U
106-46-7	1,4-Dichlorobenzene	224	224	ug/kg	U
95-95-4	2,4,5-Trichlorophenol	193	193	ug/kg	U
88-06-2	2,4,6-Trichlorophenol	193	193	ug/kg	U
120-83-2	2,4-Dichlorophenol	193	193	ug/kg	U
105-67-9	2,4-Dimethylphenol	224	224	ug/kg	U
51-28-5	2,4-Dinitrophenol	193	193	ug/kg	U
121-14-2	2,4-Dinitrotoluene	193	193	ug/kg	U
606-20-2	2,6-Dinitrotoluene	193	193	ug/kg	U
91-58-7	2-Chloronaphthalene	193	193	ug/kg	U
95-57-8	2-Chlorophenol	193	193	ug/kg	U
91-57-6	2-Methylnaphthalene	193	193	ug/kg	U
95-48-7	2-Methylphenol	193	193	ug/kg	U
88-74-4	2-Nitroaniline	193	193	ug/kg	U
88-75-5	2-Nitrophenol	193	193	ug/kg	U
106-44-5	3+4-Methylphenol	224	224	ug/kg	U
91-94-1	3,3'-Dichlorobenzidine	193	193	ug/kg	U
99-09-2	3-Nitroaniline	193	193	ug/kg	U
534-52-1	4,6-Dinitro-2-methylphenol	193	193	ug/kg	U
101-55-3	4-Bromophenyl phenyl ether	224	224	ug/kg	U
59-50-7	4-Chloro-3-methylphenol	193	193	ug/kg	U
106-47-8	4-Chloroaniline	224	224	ug/kg	U
7005-72-3	4-Chlorophenyl phenyl ether	193	193	ug/kg	U
100-01-6	4-Nitroaniline	224	224	ug/kg	U
100-02-7	4-Nitrophenol	224	224	ug/kg	U
83-32-9	Acenaphthene	193	193	ug/kg	U
208-96-8	Acenaphthylene	193	193	ug/kg	U
120-12-7	Anthracene	193	193	ug/kg	U
56-55-3	Benzo(a)anthracene	193	193	ug/kg	U
50-32-8	Benzo(a)pyrene	193	193	ug/kg	U
205-99-2	Benzo(b)fluoranthene	193	193	ug/kg	U
191-24-2	Benzo(g,h,i)perylene	193	193	ug/kg	U



Semivolatile Compounds - EPA 8270C

Sample: 0806007-2

Client Sample ID: SB-04 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
207-08-9	Benzo(k)fluoranthene	193	193	ug/kg	U
85-68-7	Butyl benzyl phthalate	193	193	ug/kg	U
218-01-9	Chrysene	193	193	ug/kg	U
84-74-2	Di-n-butyl phthalate	1160	1160	ug/kg	U
117-84-0	Di-n-octyl phthalate	193	193	ug/kg	U
53-70-3	Dibenz(a,h)anthracene	193	193	ug/kg	U
132-64-9	Dibenzofuran	193	193	ug/kg	U
84-66-2	Diethyl phthalate	193	193	ug/kg	U
131-11-3	Dimethyl phthalate	193	193	ug/kg	U
206-44-0	Fluoranthene	193	193	ug/kg	U
86-73-7	Fluorene	193	193	ug/kg	U
118-74-1	Hexachlorobenzene	193	193	ug/kg	U
87-68-3	Hexachlorobutadiene	193	193	ug/kg	U
77-47-4	Hexachlorocyclopentadiene	232	232	ug/kg	U
67-72-1	Hexachloroethane	193	193	ug/kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	193	193	ug/kg	U
78-59-1	Isophorone	193	193	ug/kg	U
621-64-7	N-Nitrosodi-n-propylamine	193	193	ug/kg	U
86-30-6	N-Nitrosodiphenylamine	193	193	ug/kg	U
91-20-3	Naphthalene	193	193	ug/kg	U
98-95-3	Nitrobenzene	193	193	ug/kg	U
87-86-5	Pentachlorophenol	193	193	ug/kg	U
85-01-8	Phenanthrene	193	193	ug/kg	U
108-95-2	Phenol	224	224	ug/kg	U
129-00-0	Pyrene	193	193	ug/kg	U
111-91-1	bis(2-Chloroethoxy)methane	224	224	ug/kg	U
111-44-4	bis(2-Chloroethyl)ether	224	224	ug/kg	U
108-60-1	bis(2-Chloroisopropyl)ether	193	193	ug/kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	1160	1160	ug/kg	U



Semivolatile Compounds - EPA 8270C

Sample: 0806007-3

Client Sample ID: SB-05 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
120-82-1	1,2,4-Trichlorobenzene	193	193	ug/kg	U
95-50-1	1,2-Dichlorobenzene	193	193	ug/kg	U
541-73-1	1,3-Dichlorobenzene	193	193	ug/kg	U
106-46-7	1,4-Dichlorobenzene	193	193	ug/kg	U
95-95-4	2,4,5-Trichlorophenol	193	193	ug/kg	U
88-06-2	2,4,6-Trichlorophenol	193	193	ug/kg	U
120-83-2	2,4-Dichlorophenol	193	193	ug/kg	U
105-67-9	2,4-Dimethylphenol	193	193	ug/kg	U
51-28-5	2,4-Dinitrophenol	193	193	ug/kg	U
121-14-2	2,4-Dinitrotoluene	193	193	ug/kg	U
606-20-2	2,6-Dinitrotoluene	193	193	ug/kg	U
91-58-7	2-Chloronaphthalene	193	193	ug/kg	U
95-57-8	2-Chlorophenol	193	193	ug/kg	U
91-57-6	2-Methylnaphthalene	193	193	ug/kg	U
95-48-7	2-Methylphenol	193	193	ug/kg	U
88-74-4	2-Nitroaniline	193	193	ug/kg	U
88-75-5	2-Nitrophenol	193	193	ug/kg	U
106-44-5	3+4-Methylphenol	193	193	ug/kg	U
91-94-1	3,3'-Dichlorobenzidine	193	193	ug/kg	U
99-09-2	3-Nitroaniline	193	193	ug/kg	U
534-52-1	4,6-Dinitro-2-methylphenol	193	193	ug/kg	U
101-55-3	4-Bromophenyl phenyl ether	193	193	ug/kg	U
59-50-7	4-Chloro-3-methylphenol	193	193	ug/kg	U
106-47-8	4-Chloroaniline	193	193	ug/kg	U
7005-72-3	4-Chlorophenyl phenyl ether	193	193	ug/kg	U
100-01-6	4-Nitroaniline	193	193	ug/kg	U
100-02-7	4-Nitrophenol	193	193	ug/kg	U
83-32-9	Acenaphthene	193	1090	ug/kg	
208-96-8	Acenaphthylene	193	193	ug/kg	U
120-12-7	Anthracene	193	2260	ug/kg	
56-55-3	Benzo(a)anthracene	193	5230	ug/kg	
50-32-8	Benzo(a)pyrene	193	61500	ug/kg	
205-99-2	Benzo(b)fluoranthene	193	40600	ug/kg	
191-24-2	Benzo(g,h,i)perylene	193	27800	ug/kg	



Semivolatile Compounds - EPA 8270C

Sample: 0806007-3

Client Sample ID: SB-05 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
207-08-9	Benzo(k)fluoranthene	193	62600	ug/kg	
85-68-7	Butyl benzyl phthalate	193	193	ug/kg	U
218-01-9	Chrysene	193	5570	ug/kg	
84-74-2	Di-n-butyl phthalate	1160	1160	ug/kg	U
117-84-0	Di-n-octyl phthalate	193	193	ug/kg	U
53-70-3	Dibenz(a,h)anthracene	193	193	ug/kg	U
132-64-9	Dibenzofuran	193	193	ug/kg	U
84-66-2	Diethyl phthalate	193	193	ug/kg	U
131-11-3	Dimethyl phthalate	193	193	ug/kg	U
206-44-0	Fluoranthene	193	193	ug/kg	U
86-73-7	Fluorene	193	817	ug/kg	
118-74-1	Hexachlorobenzene	193	193	ug/kg	U
87-68-3	Hexachlorobutadiene	193	193	ug/kg	U
77-47-4	Hexachlorocyclopentadiene	232	232	ug/kg	U
67-72-1	Hexachloroethane	193	193	ug/kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	193	33600	ug/kg	
78-59-1	Isophorone	193	193	ug/kg	U
621-64-7	N-Nitrosodi-n-propylamine	193	193	ug/kg	U
86-30-6	N-Nitrosodiphenylamine	193	193	ug/kg	U
91-20-3	Naphthalene	193	1360	ug/kg	
98-95-3	Nitrobenzene	193	193	ug/kg	U
87-86-5	Pentachlorophenol	193	193	ug/kg	U
85-01-8	Phenanthrene	193	11700	ug/kg	
108-95-2	Phenol	193	193	ug/kg	U
129-00-0	Pyrene	193	15000	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	193	193	ug/kg	U
111-44-4	bis(2-Chloroethyl)ether	193	193	ug/kg	U
108-60-1	bis(2-Chloroisopropyl)ether	193	193	ug/kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	1160	1160	ug/kg	U



Semivolatile Compounds - EPA 8270C

Sample: 0806007-4

Client Sample ID: SB-02 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
120-82-1	1,2,4-Trichlorobenzene	176	176	ug/kg	U
95-50-1	1,2-Dichlorobenzene	176	176	ug/kg	U
541-73-1	1,3-Dichlorobenzene	176	176	ug/kg	U
106-46-7	1,4-Dichlorobenzene	176	176	ug/kg	U
95-95-4	2,4,5-Trichlorophenol	176	176	ug/kg	U
88-06-2	2,4,6-Trichlorophenol	176	176	ug/kg	U
120-83-2	2,4-Dichlorophenol	176	176	ug/kg	U
105-67-9	2,4-Dimethylphenol	176	176	ug/kg	U
51-28-5	2,4-Dinitrophenol	176	176	ug/kg	U
121-14-2	2,4-Dinitrotoluene	176	176	ug/kg	U
606-20-2	2,6-Dinitrotoluene	176	176	ug/kg	U
91-58-7	2-Chloronaphthalene	176	176	ug/kg	U
95-57-8	2-Chlorophenol	176	176	ug/kg	U
91-57-6	2-Methylnaphthalene	176	176	ug/kg	U
95-48-7	2-Methylphenol	176	176	ug/kg	U
88-74-4	2-Nitroaniline	176	176	ug/kg	U
88-75-5	2-Nitrophenol	176	176	ug/kg	U
106-44-5	3+4-Methylphenol	176	176	ug/kg	U
91-94-1	3,3'-Dichlorobenzidine	176	176	ug/kg	U
99-09-2	3-Nitroaniline	176	176	ug/kg	U
534-52-1	4,6-Dinitro-2-methylphenol	176	176	ug/kg	U
101-55-3	4-Bromophenyl phenyl ether	176	176	ug/kg	U
59-50-7	4-Chloro-3-methylphenol	176	176	ug/kg	U
106-47-8	4-Chloroaniline	176	176	ug/kg	U
7005-72-3	4-Chlorophenyl phenyl ether	176	176	ug/kg	U
100-01-6	4-Nitroaniline	176	176	ug/kg	U
100-02-7	4-Nitrophenol	176	176	ug/kg	U
83-32-9	Acenaphthene	176	176	ug/kg	U
208-96-8	Acenaphthylene	176	176	ug/kg	U
120-12-7	Anthracene	176	176	ug/kg	U
56-55-3	Benzo(a)anthracene	176	176	ug/kg	U
50-32-8	Benzo(a)pyrene	176	176	ug/kg	U
205-99-2	Benzo(b)fluoranthene	176	176	ug/kg	U
191-24-2	Benzo(g,h,i)perylene	176	176	ug/kg	U



Semivolatile Compounds - EPA 8270C

Sample: 0806007-4

Client Sample ID: SB-02 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
207-08-9	Benzo(k)fluoranthene	176	176	ug/kg	U
85-68-7	Butyl benzyl phthalate	176	176	ug/kg	U
218-01-9	Chrysene	176	176	ug/kg	U
84-74-2	Di-n-butyl phthalate	1060	1060	ug/kg	U
117-84-0	Di-n-octyl phthalate	176	176	ug/kg	U
53-70-3	Dibenz(a,h)anthracene	176	176	ug/kg	U
132-64-9	Dibenzofuran	176	176	ug/kg	U
84-66-2	Diethyl phthalate	176	176	ug/kg	U
131-11-3	Dimethyl phthalate	176	176	ug/kg	U
206-44-0	Fluoranthene	176	176	ug/kg	U
86-73-7	Fluorene	176	176	ug/kg	U
118-74-1	Hexachlorobenzene	176	176	ug/kg	U
87-68-3	Hexachlorobutadiene	176	176	ug/kg	U
77-47-4	Hexachlorocyclopentadiene	212	212	ug/kg	U
67-72-1	Hexachloroethane	176	176	ug/kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	176	176	ug/kg	U
78-59-1	Isophorone	176	176	ug/kg	U
621-64-7	N-Nitrosodi-n-propylamine	176	176	ug/kg	U
86-30-6	N-Nitrosodiphenylamine	176	176	ug/kg	U
91-20-3	Naphthalene	176	176	ug/kg	U
98-95-3	Nitrobenzene	176	176	ug/kg	U
87-86-5	Pentachlorophenol	176	176	ug/kg	U
85-01-8	Phenanthrene	176	176	ug/kg	U
108-95-2	Phenol	176	176	ug/kg	U
129-00-0	Pyrene	176	560	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	176	176	ug/kg	U
111-44-4	bis(2-Chloroethyl)ether	176	176	ug/kg	U
108-60-1	bis(2-Chloroisopropyl)ether	176	176	ug/kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	1060	1060	ug/kg	U



Semivolatile Compounds - EPA 8270C

Sample: 0806007-5

Client Sample ID: SB-03 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
120-82-1	1,2,4-Trichlorobenzene	191	191	ug/kg	U
95-50-1	1,2-Dichlorobenzene	191	191	ug/kg	U
541-73-1	1,3-Dichlorobenzene	191	191	ug/kg	U
106-46-7	1,4-Dichlorobenzene	191	191	ug/kg	U
95-95-4	2,4,5-Trichlorophenol	191	191	ug/kg	U
88-06-2	2,4,6-Trichlorophenol	191	191	ug/kg	U
120-83-2	2,4-Dichlorophenol	191	191	ug/kg	U
105-67-9	2,4-Dimethylphenol	191	191	ug/kg	U
51-28-5	2,4-Dinitrophenol	191	191	ug/kg	U
121-14-2	2,4-Dinitrotoluene	191	191	ug/kg	U
606-20-2	2,6-Dinitrotoluene	191	191	ug/kg	U
91-58-7	2-Chloronaphthalene	191	191	ug/kg	U
95-57-8	2-Chlorophenol	191	191	ug/kg	U
91-57-6	2-Methylnaphthalene	191	191	ug/kg	U
95-48-7	2-Methylphenol	191	191	ug/kg	U
88-74-4	2-Nitroaniline	191	191	ug/kg	U
88-75-5	2-Nitrophenol	191	191	ug/kg	U
106-44-5	3+4-Methylphenol	191	191	ug/kg	U
91-94-1	3,3'-Dichlorobenzidine	191	191	ug/kg	U
99-09-2	3-Nitroaniline	191	191	ug/kg	U
534-52-1	4,6-Dinitro-2-methylphenol	191	191	ug/kg	U
101-55-3	4-Bromophenyl phenyl ether	191	191	ug/kg	U
59-50-7	4-Chloro-3-methylphenol	191	191	ug/kg	U
106-47-8	4-Chloroaniline	191	191	ug/kg	U
7005-72-3	4-Chlorophenyl phenyl ether	191	191	ug/kg	U
100-01-6	4-Nitroaniline	191	191	ug/kg	U
100-02-7	4-Nitrophenol	191	191	ug/kg	U
83-32-9	Acenaphthene	191	191	ug/kg	U
208-96-8	Acenaphthylene	191	191	ug/kg	U
120-12-7	Anthracene	191	191	ug/kg	U
56-55-3	Benzo(a)anthracene	191	191	ug/kg	U
50-32-8	Benzo(a)pyrene	191	191	ug/kg	U
205-99-2	Benzo(b)fluoranthene	191	191	ug/kg	U
191-24-2	Benzo(g,h,i)perylene	191	191	ug/kg	U



Semivolatile Compounds - EPA 8270C

Sample: 0806007-5

Client Sample ID: SB-03 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
207-08-9	Benzo(k)fluoranthene	191	191	ug/kg	U
85-68-7	Butyl benzyl phthalate	191	191	ug/kg	U
218-01-9	Chrysene	191	191	ug/kg	U
84-74-2	Di-n-butyl phthalate	1150	1150	ug/kg	U
117-84-0	Di-n-octyl phthalate	191	191	ug/kg	U
53-70-3	Dibenz(a,h)anthracene	191	191	ug/kg	U
132-64-9	Dibenzofuran	191	191	ug/kg	U
84-66-2	Diethyl phthalate	191	191	ug/kg	U
131-11-3	Dimethyl phthalate	191	191	ug/kg	U
206-44-0	Fluoranthene	191	191	ug/kg	U
86-73-7	Fluorene	191	191	ug/kg	U
118-74-1	Hexachlorobenzene	191	191	ug/kg	U
87-68-3	Hexachlorobutadiene	191	191	ug/kg	U
77-47-4	Hexachlorocyclopentadiene	230	230	ug/kg	U
67-72-1	Hexachloroethane	191	191	ug/kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	191	191	ug/kg	U
78-59-1	Isophorone	191	191	ug/kg	U
621-64-7	N-Nitrosodi-n-propylamine	191	191	ug/kg	U
86-30-6	N-Nitrosodiphenylamine	191	191	ug/kg	U
91-20-3	Naphthalene	191	191	ug/kg	U
98-95-3	Nitrobenzene	191	191	ug/kg	U
87-86-5	Pentachlorophenol	191	191	ug/kg	U
85-01-8	Phenanthrene	191	191	ug/kg	U
108-95-2	Phenol	191	191	ug/kg	U
129-00-0	Pyrene	191	191	ug/kg	U
111-91-1	bis(2-Chloroethoxy)methane	191	191	ug/kg	U
111-44-4	bis(2-Chloroethyl)ether	191	191	ug/kg	U
108-60-1	bis(2-Chloroisopropyl)ether	191	191	ug/kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	1150	1150	ug/kg	U



Semivolatile Compounds - EPA 8270C

Sample: 0806007-6

Client Sample ID: SB-06 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
120-82-1	1,2,4-Trichlorobenzene	189	189	ug/kg	U
95-50-1	1,2-Dichlorobenzene	189	189	ug/kg	U
541-73-1	1,3-Dichlorobenzene	189	189	ug/kg	U
106-46-7	1,4-Dichlorobenzene	189	189	ug/kg	U
95-95-4	2,4,5-Trichlorophenol	189	189	ug/kg	U
88-06-2	2,4,6-Trichlorophenol	189	189	ug/kg	U
120-83-2	2,4-Dichlorophenol	189	189	ug/kg	U
105-67-9	2,4-Dimethylphenol	189	189	ug/kg	U
51-28-5	2,4-Dinitrophenol	189	189	ug/kg	U
121-14-2	2,4-Dinitrotoluene	189	189	ug/kg	U
606-20-2	2,6-Dinitrotoluene	189	189	ug/kg	U
91-58-7	2-Chloronaphthalene	189	189	ug/kg	U
95-57-8	2-Chlorophenol	189	189	ug/kg	U
91-57-6	2-Methylnaphthalene	189	189	ug/kg	U
95-48-7	2-Methylphenol	189	189	ug/kg	U
88-74-4	2-Nitroaniline	189	189	ug/kg	U
88-75-5	2-Nitrophenol	189	189	ug/kg	U
106-44-5	3+4-Methylphenol	189	189	ug/kg	U
91-94-1	3,3'-Dichlorobenzidine	189	189	ug/kg	U
99-09-2	3-Nitroaniline	189	189	ug/kg	U
534-52-1	4,6-Dinitro-2-methylphenol	189	189	ug/kg	U
101-55-3	4-Bromophenyl phenyl ether	189	189	ug/kg	U
59-50-7	4-Chloro-3-methylphenol	189	189	ug/kg	U
106-47-8	4-Chloroaniline	189	189	ug/kg	U
7005-72-3	4-Chlorophenyl phenyl ether	189	189	ug/kg	U
100-01-6	4-Nitroaniline	189	189	ug/kg	U
100-02-7	4-Nitrophenol	189	189	ug/kg	U
83-32-9	Acenaphthene	189	189	ug/kg	U
208-96-8	Acenaphthylene	189	189	ug/kg	U
120-12-7	Anthracene	189	189	ug/kg	U
56-55-3	Benzo(a)anthracene	189	189	ug/kg	U
50-32-8	Benzo(a)pyrene	189	189	ug/kg	U
205-99-2	Benzo(b)fluoranthene	189	189	ug/kg	U
191-24-2	Benzo(g,h,i)perylene	189	189	ug/kg	U



Semivolatile Compounds - EPA 8270C

Sample: 0806007-6

Client Sample ID: SB-06 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
207-08-9	Benzo(k)fluoranthene	189	189	ug/kg	U
85-68-7	Butyl benzyl phthalate	189	189	ug/kg	U
218-01-9	Chrysene	189	189	ug/kg	U
84-74-2	Di-n-butyl phthalate	1140	1140	ug/kg	U
117-84-0	Di-n-octyl phthalate	189	189	ug/kg	U
53-70-3	Dibenz(a,h)anthracene	189	189	ug/kg	U
132-64-9	Dibenzofuran	189	189	ug/kg	U
84-66-2	Diethyl phthalate	189	189	ug/kg	U
131-11-3	Dimethyl phthalate	189	189	ug/kg	U
206-44-0	Fluoranthene	189	189	ug/kg	U
86-73-7	Fluorene	189	189	ug/kg	U
118-74-1	Hexachlorobenzene	189	189	ug/kg	U
87-68-3	Hexachlorobutadiene	189	189	ug/kg	U
77-47-4	Hexachlorocyclopentadiene	228	228	ug/kg	U
67-72-1	Hexachloroethane	189	189	ug/kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	189	189	ug/kg	U
78-59-1	Isophorone	189	189	ug/kg	U
621-64-7	N-Nitrosodi-n-propylamine	189	189	ug/kg	U
86-30-6	N-Nitrosodiphenylamine	189	189	ug/kg	U
91-20-3	Naphthalene	189	189	ug/kg	U
98-95-3	Nitrobenzene	189	189	ug/kg	U
87-86-5	Pentachlorophenol	189	189	ug/kg	U
85-01-8	Phenanthrene	189	189	ug/kg	U
108-95-2	Phenol	189	189	ug/kg	U
129-00-0	Pyrene	189	189	ug/kg	U
111-91-1	bis(2-Chloroethoxy)methane	189	189	ug/kg	U
111-44-4	bis(2-Chloroethyl)ether	189	189	ug/kg	U
108-60-1	bis(2-Chloroisopropyl)ether	189	189	ug/kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	1140	1140	ug/kg	U



Semivolatile Compounds - EPA 8270C

Sample: 0806007-7

Client Sample ID: SB-06 (38-40')

Collected: 06/09/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
120-82-1	1,2,4-Trichlorobenzene	171	171	ug/kg	U
95-50-1	1,2-Dichlorobenzene	171	171	ug/kg	U
541-73-1	1,3-Dichlorobenzene	171	171	ug/kg	U
106-46-7	1,4-Dichlorobenzene	171	171	ug/kg	U
95-95-4	2,4,5-Trichlorophenol	171	171	ug/kg	U
88-06-2	2,4,6-Trichlorophenol	171	171	ug/kg	U
120-83-2	2,4-Dichlorophenol	171	171	ug/kg	U
105-67-9	2,4-Dimethylphenol	171	171	ug/kg	U
51-28-5	2,4-Dinitrophenol	171	171	ug/kg	U
121-14-2	2,4-Dinitrotoluene	171	171	ug/kg	U
606-20-2	2,6-Dinitrotoluene	171	171	ug/kg	U
91-58-7	2-Chloronaphthalene	171	171	ug/kg	U
95-57-8	2-Chlorophenol	171	171	ug/kg	U
91-57-6	2-Methylnaphthalene	171	171	ug/kg	U
95-48-7	2-Methylphenol	171	171	ug/kg	U
88-74-4	2-Nitroaniline	171	171	ug/kg	U
88-75-5	2-Nitrophenol	171	171	ug/kg	U
106-44-5	3+4-Methylphenol	171	171	ug/kg	U
91-94-1	3,3'-Dichlorobenzidine	171	171	ug/kg	U
99-09-2	3-Nitroaniline	171	171	ug/kg	U
534-52-1	4,6-Dinitro-2-methylphenol	171	171	ug/kg	U
101-55-3	4-Bromophenyl phenyl ether	171	171	ug/kg	U
59-50-7	4-Chloro-3-methylphenol	171	171	ug/kg	U
106-47-8	4-Chloroaniline	171	171	ug/kg	U
7005-72-3	4-Chlorophenyl phenyl ether	171	171	ug/kg	U
100-01-6	4-Nitroaniline	171	171	ug/kg	U
100-02-7	4-Nitrophenol	171	171	ug/kg	U
83-32-9	Acenaphthene	171	171	ug/kg	U
208-96-8	Acenaphthylene	171	171	ug/kg	U
120-12-7	Anthracene	171	171	ug/kg	U
56-55-3	Benzo(a)anthracene	171	171	ug/kg	U
50-32-8	Benzo(a)pyrene	171	171	ug/kg	U
205-99-2	Benzo(b)fluoranthene	171	171	ug/kg	U
191-24-2	Benzo(g,h,i)perylene	171	171	ug/kg	U



Semivolatile Compounds - EPA 8270C

Sample: 0806007-7

Client Sample ID: SB-06 (38-40')

Collected: 06/09/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
207-08-9	Benzo(k)fluoranthene	171	171	ug/kg	U
85-68-7	Butyl benzyl phthalate	171	171	ug/kg	U
218-01-9	Chrysene	171	171	ug/kg	U
84-74-2	Di-n-butyl phthalate	1030	1030	ug/kg	U
117-84-0	Di-n-octyl phthalate	171	171	ug/kg	U
53-70-3	Dibenz(a,h)anthracene	171	171	ug/kg	U
132-64-9	Dibenzofuran	171	171	ug/kg	U
84-66-2	Diethyl phthalate	171	171	ug/kg	U
131-11-3	Dimethyl phthalate	171	171	ug/kg	U
206-44-0	Fluoranthene	171	171	ug/kg	U
86-73-7	Fluorene	171	171	ug/kg	U
118-74-1	Hexachlorobenzene	171	171	ug/kg	U
87-68-3	Hexachlorobutadiene	171	171	ug/kg	U
77-47-4	Hexachlorocyclopentadiene	206	206	ug/kg	U
67-72-1	Hexachloroethane	171	171	ug/kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	171	171	ug/kg	U
78-59-1	Isophorone	171	171	ug/kg	U
621-64-7	N-Nitrosodi-n-propylamine	171	171	ug/kg	U
86-30-6	N-Nitrosodiphenylamine	171	171	ug/kg	U
91-20-3	Naphthalene	171	171	ug/kg	U
98-95-3	Nitrobenzene	171	171	ug/kg	U
87-86-5	Pentachlorophenol	171	171	ug/kg	U
85-01-8	Phenanthrene	171	171	ug/kg	U
108-95-2	Phenol	171	171	ug/kg	U
129-00-0	Pyrene	171	171	ug/kg	U
111-91-1	bis(2-Chloroethoxy)methane	171	171	ug/kg	U
111-44-4	bis(2-Chloroethyl)ether	171	171	ug/kg	U
108-60-1	bis(2-Chloroisopropyl)ether	171	171	ug/kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	1030	1030	ug/kg	U



Semivolatile Compounds - EPA 8270C

Sample: 0806007-8

Client Sample ID: GW-06

Collected: 06/09/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Liquid

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
120-82-1	1,2,4-Trichlorobenzene	5.00	5.00	ug/L	U
95-50-1	1,2-Dichlorobenzene	5.00	5.00	ug/L	U
541-73-1	1,3-Dichlorobenzene	5.00	5.00	ug/L	U
106-46-7	1,4-Dichlorobenzene	5.00	5.00	ug/L	U
95-95-4	2,4,5-Trichlorophenol	5.00	5.00	ug/L	U
88-06-2	2,4,6-Trichlorophenol	5.00	5.00	ug/L	U
120-83-2	2,4-Dichlorophenol	5.00	5.00	ug/L	U
105-67-9	2,4-Dimethylphenol	5.00	5.00	ug/L	U
51-28-5	2,4-Dinitrophenol	5.00	5.00	ug/L	U
121-14-2	2,4-Dinitrotoluene	5.00	5.00	ug/L	U
606-20-2	2,6-Dinitrotoluene	5.00	5.00	ug/L	U
91-58-7	2-Chloronaphthalene	5.00	5.00	ug/L	U
95-57-8	2-Chlorophenol	5.00	5.00	ug/L	U
91-57-6	2-Methylnaphthalene	5.00	5.00	ug/L	U
95-48-7	2-Methylphenol	5.00	5.00	ug/L	U
88-74-4	2-Nitroaniline	5.00	5.00	ug/L	U
88-75-5	2-Nitrophenol	5.00	5.00	ug/L	U
106-44-5	3+4-Methylphenol	3.00	3.00	ug/L	U
91-94-1	3,3'-Dichlorobenzidine	5.00	5.00	ug/L	U
99-09-2	3-Nitroaniline	5.00	5.00	ug/L	U
534-52-1	4,6-Dinitro-2-methylphenol	5.00	5.00	ug/L	U
101-55-3	4-Bromophenyl phenyl ether	5.00	5.00	ug/L	U
59-50-7	4-Chloro-3-methylphenol	5.00	5.00	ug/L	U
106-47-8	4-Chloroaniline	5.00	5.00	ug/L	U
7005-72-3	4-Chlorophenyl phenyl ether	5.00	5.00	ug/L	U
100-01-6	4-Nitroaniline	5.00	5.00	ug/L	U
100-02-7	4-Nitrophenol	5.00	5.00	ug/L	U
83-32-9	Acenaphthene	5.00	5.00	ug/L	U
208-96-8	Acenaphthylene	5.00	5.00	ug/L	U
120-12-7	Anthracene	5.00	5.00	ug/L	U
56-55-3	Benzo(a)anthracene	5.00	59.0	ug/L	
50-32-8	Benzo(a)pyrene	5.00	5.00	ug/L	U
205-99-2	Benzo(b)fluoranthene	5.00	5.00	ug/L	U
191-24-2	Benzo(g,h,i)perylene	5.00	5.00	ug/L	U



Semivolatile Compounds - EPA 8270C

Sample: 0806007-8

Client Sample ID: GW-06

Collected: 06/09/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Liquid

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
207-08-9	Benzo(k)fluoranthene	5.00	5.00	ug/L	U
85-68-7	Butyl benzyl phthalate	5.00	5.00	ug/L	U
218-01-9	Chrysene	5.00	46.0	ug/L	
84-74-2	Di-n-butyl phthalate	50.0	50.0	ug/L	U
117-84-0	Di-n-octyl phthalate	5.00	5.00	ug/L	U
53-70-3	Dibenz(a,h)anthracene	5.00	5.00	ug/L	U
132-64-9	Dibenzofuran	5.00	5.00	ug/L	U
84-66-2	Diethyl phthalate	5.00	5.00	ug/L	U
131-11-3	Dimethyl phthalate	5.00	5.00	ug/L	U
206-44-0	Fluoranthene	5.00	5.00	ug/L	U
86-73-7	Fluorene	5.00	5.00	ug/L	U
118-74-1	Hexachlorobenzene	5.00	5.00	ug/L	U
87-68-3	Hexachlorobutadiene	5.00	5.00	ug/L	U
77-47-4	Hexachlorocyclopentadiene	5.00	5.00	ug/L	U
67-72-1	Hexachloroethane	5.00	5.00	ug/L	U
193-39-5	Indeno(1,2,3-cd)pyrene	5.00	5.00	ug/L	U
78-59-1	Isophorone	5.00	5.00	ug/L	U
621-64-7	N-Nitrosodi-n-propylamine	5.00	5.00	ug/L	U
86-30-6	N-Nitrosodiphenylamine	5.00	5.00	ug/L	U
91-20-3	Naphthalene	5.00	5.00	ug/L	U
98-95-3	Nitrobenzene	5.00	5.00	ug/L	U
87-86-5	Pentachlorophenol	5.00	5.00	ug/L	U
85-01-8	Phenanthrene	5.00	5.00	ug/L	U
108-95-2	Phenol	5.00	5.00	ug/L	U
129-00-0	Pyrene	5.00	56.0	ug/L	
111-91-1	bis(2-Chloroethoxy)methane	5.00	5.00	ug/L	U
111-44-4	bis(2-Chloroethyl)ether	5.00	5.00	ug/L	U
108-60-1	bis(2-Chloroisopropyl)ether	5.00	5.00	ug/L	U
117-81-7	bis(2-Ethylhexyl)phthalate	5.00	5.00	ug/L	U



Semivolatile Compounds - EPA 8270C

Sample: 0806007-9

Client Sample ID: SB-03 (38-40')

Collected: 06/09/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
120-82-1	1,2,4-Trichlorobenzene	173	173	ug/kg	U
95-50-1	1,2-Dichlorobenzene	173	173	ug/kg	U
541-73-1	1,3-Dichlorobenzene	173	173	ug/kg	U
106-46-7	1,4-Dichlorobenzene	173	173	ug/kg	U
95-95-4	2,4,5-Trichlorophenol	173	173	ug/kg	U
88-06-2	2,4,6-Trichlorophenol	173	173	ug/kg	U
120-83-2	2,4-Dichlorophenol	173	173	ug/kg	U
105-67-9	2,4-Dimethylphenol	173	173	ug/kg	U
51-28-5	2,4-Dinitrophenol	173	173	ug/kg	U
121-14-2	2,4-Dinitrotoluene	173	173	ug/kg	U
606-20-2	2,6-Dinitrotoluene	173	173	ug/kg	U
91-58-7	2-Chloronaphthalene	173	173	ug/kg	U
95-57-8	2-Chlorophenol	173	173	ug/kg	U
91-57-6	2-Methylnaphthalene	173	173	ug/kg	U
95-48-7	2-Methylphenol	173	173	ug/kg	U
88-74-4	2-Nitroaniline	173	173	ug/kg	U
88-75-5	2-Nitrophenol	173	173	ug/kg	U
106-44-5	3+4-Methylphenol	173	173	ug/kg	U
91-94-1	3,3'-Dichlorobenzidine	173	173	ug/kg	U
99-09-2	3-Nitroaniline	173	173	ug/kg	U
534-52-1	4,6-Dinitro-2-methylphenol	173	173	ug/kg	U
101-55-3	4-Bromophenyl phenyl ether	173	173	ug/kg	U
59-50-7	4-Chloro-3-methylphenol	173	173	ug/kg	U
106-47-8	4-Chloroaniline	173	173	ug/kg	U
7005-72-3	4-Chlorophenyl phenyl ether	173	173	ug/kg	U
100-01-6	4-Nitroaniline	173	173	ug/kg	U
100-02-7	4-Nitrophenol	173	173	ug/kg	U
83-32-9	Acenaphthene	173	173	ug/kg	U
208-96-8	Acenaphthylene	173	173	ug/kg	U
120-12-7	Anthracene	173	173	ug/kg	U
56-55-3	Benzo(a)anthracene	173	173	ug/kg	U
50-32-8	Benzo(a)pyrene	173	173	ug/kg	U
205-99-2	Benzo(b)fluoranthene	173	173	ug/kg	U
191-24-2	Benzo(g,h,i)perylene	173	173	ug/kg	U



Semivolatile Compounds - EPA 8270C

Sample: 0806007-9

Client Sample ID: SB-03 (38-40')

Collected: 06/09/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
207-08-9	Benzo(k)fluoranthene	173	173	ug/kg	U
85-68-7	Butyl benzyl phthalate	173	173	ug/kg	U
218-01-9	Chrysene	173	173	ug/kg	U
84-74-2	Di-n-butyl phthalate	1040	1040	ug/kg	U
117-84-0	Di-n-octyl phthalate	173	173	ug/kg	U
53-70-3	Dibenz(a,h)anthracene	173	173	ug/kg	U
132-64-9	Dibenzofuran	173	173	ug/kg	U
84-66-2	Diethyl phthalate	173	173	ug/kg	U
131-11-3	Dimethyl phthalate	173	173	ug/kg	U
206-44-0	Fluoranthene	173	173	ug/kg	U
86-73-7	Fluorene	173	173	ug/kg	U
118-74-1	Hexachlorobenzene	173	173	ug/kg	U
87-68-3	Hexachlorobutadiene	173	173	ug/kg	U
77-47-4	Hexachlorocyclopentadiene	208	208	ug/kg	U
67-72-1	Hexachloroethane	173	173	ug/kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	173	173	ug/kg	U
78-59-1	Isophorone	173	173	ug/kg	U
621-64-7	N-Nitrosodi-n-propylamine	173	173	ug/kg	U
86-30-6	N-Nitrosodiphenylamine	173	173	ug/kg	U
91-20-3	Naphthalene	173	173	ug/kg	U
98-95-3	Nitrobenzene	173	173	ug/kg	U
87-86-5	Pentachlorophenol	173	173	ug/kg	U
85-01-8	Phenanthrene	173	173	ug/kg	U
108-95-2	Phenol	173	173	ug/kg	U
129-00-0	Pyrene	173	173	ug/kg	U
111-91-1	bis(2-Chloroethoxy)methane	173	173	ug/kg	U
111-44-4	bis(2-Chloroethyl)ether	173	173	ug/kg	U
108-60-1	bis(2-Chloroisopropyl)ether	173	173	ug/kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	1040	1040	ug/kg	U



Semivolatile Compounds - EPA 8270C

Sample: 0806007-10

Client Sample ID: SB-05 (38-40')

Collected: 06/09/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
120-82-1	1,2,4-Trichlorobenzene	174	174	ug/kg	U
95-50-1	1,2-Dichlorobenzene	174	174	ug/kg	U
541-73-1	1,3-Dichlorobenzene	174	174	ug/kg	U
106-46-7	1,4-Dichlorobenzene	174	174	ug/kg	U
95-95-4	2,4,5-Trichlorophenol	174	174	ug/kg	U
88-06-2	2,4,6-Trichlorophenol	174	174	ug/kg	U
120-83-2	2,4-Dichlorophenol	174	174	ug/kg	U
105-67-9	2,4-Dimethylphenol	174	174	ug/kg	U
51-28-5	2,4-Dinitrophenol	174	174	ug/kg	U
121-14-2	2,4-Dinitrotoluene	174	174	ug/kg	U
606-20-2	2,6-Dinitrotoluene	174	174	ug/kg	U
91-58-7	2-Chloronaphthalene	174	174	ug/kg	U
95-57-8	2-Chlorophenol	174	174	ug/kg	U
91-57-6	2-Methylnaphthalene	174	174	ug/kg	U
95-48-7	2-Methylphenol	174	174	ug/kg	U
88-74-4	2-Nitroaniline	174	174	ug/kg	U
88-75-5	2-Nitrophenol	174	174	ug/kg	U
106-44-5	3+4-Methylphenol	174	174	ug/kg	U
91-94-1	3,3'-Dichlorobenzidine	174	174	ug/kg	U
99-09-2	3-Nitroaniline	174	174	ug/kg	U
534-52-1	4,6-Dinitro-2-methylphenol	174	174	ug/kg	U
101-55-3	4-Bromophenyl phenyl ether	174	174	ug/kg	U
59-50-7	4-Chloro-3-methylphenol	174	174	ug/kg	U
106-47-8	4-Chloroaniline	174	174	ug/kg	U
7005-72-3	4-Chlorophenyl phenyl ether	174	174	ug/kg	U
100-01-6	4-Nitroaniline	174	174	ug/kg	U
100-02-7	4-Nitrophenol	174	174	ug/kg	U
83-32-9	Acenaphthene	174	174	ug/kg	U
208-96-8	Acenaphthylene	174	174	ug/kg	U
120-12-7	Anthracene	174	174	ug/kg	U
56-55-3	Benzo(a)anthracene	174	174	ug/kg	U
50-32-8	Benzo(a)pyrene	174	174	ug/kg	U
205-99-2	Benzo(b)fluoranthene	174	174	ug/kg	U
191-24-2	Benzo(g,h,i)perylene	174	174	ug/kg	U



Semivolatile Compounds - EPA 8270C

Sample: 0806007-10

Client Sample ID: SB-05 (38-40')

Collected: 06/09/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
207-08-9	Benzo(k)fluoranthene	174	174	ug/kg	U
85-68-7	Butyl benzyl phthalate	174	174	ug/kg	U
218-01-9	Chrysene	174	174	ug/kg	U
84-74-2	Di-n-butyl phthalate	1050	1050	ug/kg	U
117-84-0	Di-n-octyl phthalate	174	174	ug/kg	U
53-70-3	Dibenz(a,h)anthracene	174	174	ug/kg	U
132-64-9	Dibenzofuran	174	174	ug/kg	U
84-66-2	Diethyl phthalate	174	174	ug/kg	U
131-11-3	Dimethyl phthalate	174	174	ug/kg	U
206-44-0	Fluoranthene	174	174	ug/kg	U
86-73-7	Fluorene	174	174	ug/kg	U
118-74-1	Hexachlorobenzene	174	174	ug/kg	U
87-68-3	Hexachlorobutadiene	174	174	ug/kg	U
77-47-4	Hexachlorocyclopentadiene	210	210	ug/kg	U
67-72-1	Hexachloroethane	174	174	ug/kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	174	174	ug/kg	U
78-59-1	Isophorone	174	174	ug/kg	U
621-64-7	N-Nitrosodi-n-propylamine	174	174	ug/kg	U
86-30-6	N-Nitrosodiphenylamine	174	174	ug/kg	U
91-20-3	Naphthalene	174	174	ug/kg	U
98-95-3	Nitrobenzene	174	174	ug/kg	U
87-86-5	Pentachlorophenol	174	174	ug/kg	U
85-01-8	Phenanthrene	174	174	ug/kg	U
108-95-2	Phenol	174	174	ug/kg	U
129-00-0	Pyrene	174	174	ug/kg	U
111-91-1	bis(2-Chloroethoxy)methane	174	174	ug/kg	U
111-44-4	bis(2-Chloroethyl)ether	174	174	ug/kg	U
108-60-1	bis(2-Chloroisopropyl)ether	174	174	ug/kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	1050	1050	ug/kg	U



Semivolatile Compounds - EPA 8270C

Sample: 0806007-11

Client Sample ID: SB-02 (39-41')

Collected: 06/10/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
120-82-1	1,2,4-Trichlorobenzene	173	173	ug/kg	U
95-50-1	1,2-Dichlorobenzene	173	173	ug/kg	U
541-73-1	1,3-Dichlorobenzene	173	173	ug/kg	U
106-46-7	1,4-Dichlorobenzene	173	173	ug/kg	U
95-95-4	2,4,5-Trichlorophenol	173	173	ug/kg	U
88-06-2	2,4,6-Trichlorophenol	173	173	ug/kg	U
120-83-2	2,4-Dichlorophenol	173	173	ug/kg	U
105-67-9	2,4-Dimethylphenol	173	173	ug/kg	U
51-28-5	2,4-Dinitrophenol	173	173	ug/kg	U
121-14-2	2,4-Dinitrotoluene	173	173	ug/kg	U
606-20-2	2,6-Dinitrotoluene	173	173	ug/kg	U
91-58-7	2-Chloronaphthalene	173	173	ug/kg	U
95-57-8	2-Chlorophenol	173	173	ug/kg	U
91-57-6	2-Methylnaphthalene	173	173	ug/kg	U
95-48-7	2-Methylphenol	173	173	ug/kg	U
88-74-4	2-Nitroaniline	173	173	ug/kg	U
88-75-5	2-Nitrophenol	173	173	ug/kg	U
106-44-5	3+4-Methylphenol	173	173	ug/kg	U
91-94-1	3,3'-Dichlorobenzidine	173	173	ug/kg	U
99-09-2	3-Nitroaniline	173	173	ug/kg	U
534-52-1	4,6-Dinitro-2-methylphenol	173	173	ug/kg	U
101-55-3	4-Bromophenyl phenyl ether	173	173	ug/kg	U
59-50-7	4-Chloro-3-methylphenol	173	173	ug/kg	U
106-47-8	4-Chloroaniline	173	173	ug/kg	U
7005-72-3	4-Chlorophenyl phenyl ether	173	173	ug/kg	U
100-01-6	4-Nitroaniline	173	173	ug/kg	U
100-02-7	4-Nitrophenol	173	173	ug/kg	U
83-32-9	Acenaphthene	173	173	ug/kg	U
208-96-8	Acenaphthylene	173	173	ug/kg	U
120-12-7	Anthracene	173	173	ug/kg	U
56-55-3	Benzo(a)anthracene	173	173	ug/kg	U
50-32-8	Benzo(a)pyrene	173	173	ug/kg	U
205-99-2	Benzo(b)fluoranthene	173	173	ug/kg	U
191-24-2	Benzo(g,h,i)perylene	173	173	ug/kg	U



Semivolatile Compounds - EPA 8270C

Sample: 0806007-11

Client Sample ID: SB-02 (39-41')

Collected: 06/10/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
207-08-9	Benzo(k)fluoranthene	173	173	ug/kg	U
85-68-7	Butyl benzyl phthalate	173	173	ug/kg	U
218-01-9	Chrysene	173	173	ug/kg	U
84-74-2	Di-n-butyl phthalate	1040	1040	ug/kg	U
117-84-0	Di-n-octyl phthalate	173	173	ug/kg	U
53-70-3	Dibenz(a,h)anthracene	173	173	ug/kg	U
132-64-9	Dibenzofuran	173	173	ug/kg	U
84-66-2	Diethyl phthalate	173	173	ug/kg	U
131-11-3	Dimethyl phthalate	173	173	ug/kg	U
206-44-0	Fluoranthene	173	173	ug/kg	U
86-73-7	Fluorene	173	173	ug/kg	U
118-74-1	Hexachlorobenzene	173	173	ug/kg	U
87-68-3	Hexachlorobutadiene	173	173	ug/kg	U
77-47-4	Hexachlorocyclopentadiene	208	208	ug/kg	U
67-72-1	Hexachloroethane	173	173	ug/kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	173	173	ug/kg	U
78-59-1	Isophorone	173	173	ug/kg	U
621-64-7	N-Nitrosodi-n-propylamine	173	173	ug/kg	U
86-30-6	N-Nitrosodiphenylamine	173	173	ug/kg	U
91-20-3	Naphthalene	173	173	ug/kg	U
98-95-3	Nitrobenzene	173	173	ug/kg	U
87-86-5	Pentachlorophenol	173	173	ug/kg	U
85-01-8	Phenanthrene	173	173	ug/kg	U
108-95-2	Phenol	173	173	ug/kg	U
129-00-0	Pyrene	173	173	ug/kg	U
111-91-1	bis(2-Chloroethoxy)methane	173	173	ug/kg	U
111-44-4	bis(2-Chloroethyl)ether	173	173	ug/kg	U
108-60-1	bis(2-Chloroisopropyl)ether	173	173	ug/kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	1040	1040	ug/kg	U



Semivolatile Compounds - EPA 8270C

Sample: 0806007-12

Client Sample ID: SB-04 (38-40')

Collected: 06/10/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
120-82-1	1,2,4-Trichlorobenzene	173	173	ug/kg	U
95-50-1	1,2-Dichlorobenzene	173	173	ug/kg	U
541-73-1	1,3-Dichlorobenzene	173	173	ug/kg	U
106-46-7	1,4-Dichlorobenzene	173	173	ug/kg	U
95-95-4	2,4,5-Trichlorophenol	173	173	ug/kg	U
88-06-2	2,4,6-Trichlorophenol	173	173	ug/kg	U
120-83-2	2,4-Dichlorophenol	173	173	ug/kg	U
105-67-9	2,4-Dimethylphenol	173	173	ug/kg	U
51-28-5	2,4-Dinitrophenol	173	173	ug/kg	U
121-14-2	2,4-Dinitrotoluene	173	173	ug/kg	U
606-20-2	2,6-Dinitrotoluene	173	173	ug/kg	U
91-58-7	2-Chloronaphthalene	173	173	ug/kg	U
95-57-8	2-Chlorophenol	173	173	ug/kg	U
91-57-6	2-Methylnaphthalene	173	173	ug/kg	U
95-48-7	2-Methylphenol	173	173	ug/kg	U
88-74-4	2-Nitroaniline	173	173	ug/kg	U
88-75-5	2-Nitrophenol	173	173	ug/kg	U
106-44-5	3+4-Methylphenol	173	173	ug/kg	U
91-94-1	3,3'-Dichlorobenzidine	173	173	ug/kg	U
99-09-2	3-Nitroaniline	173	173	ug/kg	U
534-52-1	4,6-Dinitro-2-methylphenol	173	173	ug/kg	U
101-55-3	4-Bromophenyl phenyl ether	173	173	ug/kg	U
59-50-7	4-Chloro-3-methylphenol	173	173	ug/kg	U
106-47-8	4-Chloroaniline	173	173	ug/kg	U
7005-72-3	4-Chlorophenyl phenyl ether	173	173	ug/kg	U
100-01-6	4-Nitroaniline	173	173	ug/kg	U
100-02-7	4-Nitrophenol	173	173	ug/kg	U
83-32-9	Acenaphthene	173	173	ug/kg	U
208-96-8	Acenaphthylene	173	173	ug/kg	U
120-12-7	Anthracene	173	173	ug/kg	U
56-55-3	Benzo(a)anthracene	173	173	ug/kg	U
50-32-8	Benzo(a)pyrene	173	173	ug/kg	U
205-99-2	Benzo(b)fluoranthene	173	173	ug/kg	U
191-24-2	Benzo(g,h,i)perylene	173	173	ug/kg	U



Semivolatile Compounds - EPA 8270C

Sample: 0806007-12

Client Sample ID: SB-04 (38-40')

Collected: 06/10/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
207-08-9	Benzo(k)fluoranthene	173	173	ug/kg	U
85-68-7	Butyl benzyl phthalate	173	173	ug/kg	U
218-01-9	Chrysene	173	173	ug/kg	U
84-74-2	Di-n-butyl phthalate	1040	1040	ug/kg	U
117-84-0	Di-n-octyl phthalate	173	173	ug/kg	U
53-70-3	Dibenz(a,h)anthracene	173	173	ug/kg	U
132-64-9	Dibenzofuran	173	173	ug/kg	U
84-66-2	Diethyl phthalate	173	173	ug/kg	U
131-11-3	Dimethyl phthalate	173	173	ug/kg	U
206-44-0	Fluoranthene	173	173	ug/kg	U
86-73-7	Fluorene	173	173	ug/kg	U
118-74-1	Hexachlorobenzene	173	173	ug/kg	U
87-68-3	Hexachlorobutadiene	173	173	ug/kg	U
77-47-4	Hexachlorocyclopentadiene	208	208	ug/kg	U
67-72-1	Hexachloroethane	173	173	ug/kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	173	173	ug/kg	U
78-59-1	Isophorone	173	173	ug/kg	U
621-64-7	N-Nitrosodi-n-propylamine	173	173	ug/kg	U
86-30-6	N-Nitrosodiphenylamine	173	173	ug/kg	U
91-20-3	Naphthalene	173	173	ug/kg	U
98-95-3	Nitrobenzene	173	173	ug/kg	U
87-86-5	Pentachlorophenol	173	173	ug/kg	U
85-01-8	Phenanthrene	173	173	ug/kg	U
108-95-2	Phenol	173	173	ug/kg	U
129-00-0	Pyrene	173	173	ug/kg	U
111-91-1	bis(2-Chloroethoxy)methane	173	173	ug/kg	U
111-44-4	bis(2-Chloroethyl)ether	173	173	ug/kg	U
108-60-1	bis(2-Chloroisopropyl)ether	173	173	ug/kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	1040	1040	ug/kg	U



Semivolatile Compounds - EPA 8270C

Sample: 0806007-13

Client Sample ID: SB-01 (38-40')

Collected: 06/10/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
120-82-1	1,2,4-Trichlorobenzene	173	173	ug/kg	U
95-50-1	1,2-Dichlorobenzene	173	173	ug/kg	U
541-73-1	1,3-Dichlorobenzene	173	173	ug/kg	U
106-46-7	1,4-Dichlorobenzene	173	173	ug/kg	U
95-95-4	2,4,5-Trichlorophenol	173	173	ug/kg	U
88-06-2	2,4,6-Trichlorophenol	173	173	ug/kg	U
120-83-2	2,4-Dichlorophenol	173	173	ug/kg	U
105-67-9	2,4-Dimethylphenol	173	173	ug/kg	U
51-28-5	2,4-Dinitrophenol	173	173	ug/kg	U
121-14-2	2,4-Dinitrotoluene	173	173	ug/kg	U
606-20-2	2,6-Dinitrotoluene	173	173	ug/kg	U
91-58-7	2-Chloronaphthalene	173	173	ug/kg	U
95-57-8	2-Chlorophenol	173	173	ug/kg	U
91-57-6	2-Methylnaphthalene	173	173	ug/kg	U
95-48-7	2-Methylphenol	173	173	ug/kg	U
88-74-4	2-Nitroaniline	173	173	ug/kg	U
88-75-5	2-Nitrophenol	173	173	ug/kg	U
106-44-5	3+4-Methylphenol	173	173	ug/kg	U
91-94-1	3,3'-Dichlorobenzidine	173	173	ug/kg	U
99-09-2	3-Nitroaniline	173	173	ug/kg	U
534-52-1	4,6-Dinitro-2-methylphenol	173	173	ug/kg	U
101-55-3	4-Bromophenyl phenyl ether	173	173	ug/kg	U
59-50-7	4-Chloro-3-methylphenol	173	173	ug/kg	U
106-47-8	4-Chloroaniline	173	173	ug/kg	U
7005-72-3	4-Chlorophenyl phenyl ether	173	173	ug/kg	U
100-01-6	4-Nitroaniline	173	173	ug/kg	U
100-02-7	4-Nitrophenol	173	173	ug/kg	U
83-32-9	Acenaphthene	173	173	ug/kg	U
208-96-8	Acenaphthylene	173	173	ug/kg	U
120-12-7	Anthracene	173	173	ug/kg	U
56-55-3	Benzo(a)anthracene	173	173	ug/kg	U
50-32-8	Benzo(a)pyrene	173	173	ug/kg	U
205-99-2	Benzo(b)fluoranthene	173	173	ug/kg	U
191-24-2	Benzo(g,h,i)perylene	173	173	ug/kg	U



Semivolatile Compounds - EPA 8270C

Sample: 0806007-13

Client Sample ID: SB-01 (38-40')

Collected: 06/10/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
207-08-9	Benzo(k)fluoranthene	173	173	ug/kg	U
85-68-7	Butyl benzyl phthalate	173	173	ug/kg	U
218-01-9	Chrysene	173	173	ug/kg	U
84-74-2	Di-n-butyl phthalate	1040	1040	ug/kg	U
117-84-0	Di-n-octyl phthalate	173	173	ug/kg	U
53-70-3	Dibenz(a,h)anthracene	173	173	ug/kg	U
132-64-9	Dibenzofuran	173	173	ug/kg	U
84-66-2	Diethyl phthalate	173	173	ug/kg	U
131-11-3	Dimethyl phthalate	173	173	ug/kg	U
206-44-0	Fluoranthene	173	173	ug/kg	U
86-73-7	Fluorene	173	173	ug/kg	U
118-74-1	Hexachlorobenzene	173	173	ug/kg	U
87-68-3	Hexachlorobutadiene	173	173	ug/kg	U
77-47-4	Hexachlorocyclopentadiene	208	208	ug/kg	U
67-72-1	Hexachloroethane	173	173	ug/kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	173	173	ug/kg	U
78-59-1	Isophorone	173	173	ug/kg	U
621-64-7	N-Nitrosodi-n-propylamine	173	173	ug/kg	U
86-30-6	N-Nitrosodiphenylamine	173	173	ug/kg	U
91-20-3	Naphthalene	173	173	ug/kg	U
98-95-3	Nitrobenzene	173	173	ug/kg	U
87-86-5	Pentachlorophenol	173	173	ug/kg	U
85-01-8	Phenanthrene	173	173	ug/kg	U
108-95-2	Phenol	173	173	ug/kg	U
129-00-0	Pyrene	173	173	ug/kg	U
111-91-1	bis(2-Chloroethoxy)methane	173	173	ug/kg	U
111-44-4	bis(2-Chloroethyl)ether	173	173	ug/kg	U
108-60-1	bis(2-Chloroisopropyl)ether	173	173	ug/kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	1040	1040	ug/kg	U



Semivolatile Compounds - EPA 8270C

Sample: 0806007-14

Client Sample ID: GW-01

Collected: 06/10/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Liquid

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
120-82-1	1,2,4-Trichlorobenzene	5.00	5.00	ug/L	U
95-50-1	1,2-Dichlorobenzene	5.00	5.00	ug/L	U
541-73-1	1,3-Dichlorobenzene	5.00	5.00	ug/L	U
106-46-7	1,4-Dichlorobenzene	5.00	5.00	ug/L	U
95-95-4	2,4,5-Trichlorophenol	5.00	5.00	ug/L	U
88-06-2	2,4,6-Trichlorophenol	5.00	5.00	ug/L	U
120-83-2	2,4-Dichlorophenol	5.00	5.00	ug/L	U
105-67-9	2,4-Dimethylphenol	5.00	5.00	ug/L	U
51-28-5	2,4-Dinitrophenol	5.00	5.00	ug/L	U
121-14-2	2,4-Dinitrotoluene	5.00	5.00	ug/L	U
606-20-2	2,6-Dinitrotoluene	5.00	5.00	ug/L	U
91-58-7	2-Chloronaphthalene	5.00	5.00	ug/L	U
95-57-8	2-Chlorophenol	5.00	5.00	ug/L	U
91-57-6	2-Methylnaphthalene	5.00	5.00	ug/L	U
95-48-7	2-Methylphenol	5.00	5.00	ug/L	U
88-74-4	2-Nitroaniline	5.00	5.00	ug/L	U
88-75-5	2-Nitrophenol	5.00	5.00	ug/L	U
106-44-5	3+4-Methylphenol	3.00	3.00	ug/L	U
91-94-1	3,3'-Dichlorobenzidine	5.00	5.00	ug/L	U
99-09-2	3-Nitroaniline	5.00	5.00	ug/L	U
534-52-1	4,6-Dinitro-2-methylphenol	5.00	5.00	ug/L	U
101-55-3	4-Bromophenyl phenyl ether	5.00	5.00	ug/L	U
59-50-7	4-Chloro-3-methylphenol	5.00	5.00	ug/L	U
106-47-8	4-Chloroaniline	5.00	5.00	ug/L	U
7005-72-3	4-Chlorophenyl phenyl ether	5.00	5.00	ug/L	U
100-01-6	4-Nitroaniline	5.00	5.00	ug/L	U
100-02-7	4-Nitrophenol	5.00	5.00	ug/L	U
83-32-9	Acenaphthene	5.00	5.00	ug/L	U
208-96-8	Acenaphthylene	5.00	5.00	ug/L	U
120-12-7	Anthracene	5.00	5.00	ug/L	U
56-55-3	Benzo(a)anthracene	5.00	5.00	ug/L	U
50-32-8	Benzo(a)pyrene	5.00	5.00	ug/L	U
205-99-2	Benzo(b)fluoranthene	5.00	5.00	ug/L	U
191-24-2	Benzo(g,h,i)perylene	5.00	5.00	ug/L	U



Semivolatile Compounds - EPA 8270C

Sample: 0806007-14

Client Sample ID: GW-01

Collected: 06/10/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Liquid

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
207-08-9	Benzo(k)fluoranthene	5.00	5.00	ug/L	U
85-68-7	Butyl benzyl phthalate	5.00	5.00	ug/L	U
218-01-9	Chrysene	5.00	5.00	ug/L	U
84-74-2	Di-n-butyl phthalate	50.0	50.0	ug/L	U
117-84-0	Di-n-octyl phthalate	5.00	5.00	ug/L	U
53-70-3	Dibenz(a,h)anthracene	5.00	5.00	ug/L	U
132-64-9	Dibenzofuran	5.00	5.00	ug/L	U
84-66-2	Diethyl phthalate	5.00	5.00	ug/L	U
131-11-3	Dimethyl phthalate	5.00	5.00	ug/L	U
206-44-0	Fluoranthene	5.00	5.00	ug/L	U
86-73-7	Fluorene	5.00	5.00	ug/L	U
118-74-1	Hexachlorobenzene	5.00	5.00	ug/L	U
87-68-3	Hexachlorobutadiene	5.00	5.00	ug/L	U
77-47-4	Hexachlorocyclopentadiene	5.00	5.00	ug/L	U
67-72-1	Hexachloroethane	5.00	5.00	ug/L	U
193-39-5	Indeno(1,2,3-cd)pyrene	5.00	5.00	ug/L	U
78-59-1	Isophorone	5.00	5.00	ug/L	U
621-64-7	N-Nitrosodi-n-propylamine	5.00	5.00	ug/L	U
86-30-6	N-Nitrosodiphenylamine	5.00	5.00	ug/L	U
91-20-3	Naphthalene	5.00	5.00	ug/L	U
98-95-3	Nitrobenzene	5.00	5.00	ug/L	U
87-86-5	Pentachlorophenol	5.00	5.00	ug/L	U
85-01-8	Phenanthrene	5.00	5.00	ug/L	U
108-95-2	Phenol	5.00	5.00	ug/L	U
129-00-0	Pyrene	5.00	5.00	ug/L	U
111-91-1	bis(2-Chloroethoxy)methane	5.00	5.00	ug/L	U
111-44-4	bis(2-Chloroethyl)ether	5.00	5.00	ug/L	U
108-60-1	bis(2-Chloroisopropyl)ether	5.00	5.00	ug/L	U
117-81-7	bis(2-Ethylhexyl)phthalate	5.00	5.00	ug/L	U



NYS Lab ID # 11866

06/19/2008

PCB Aroclors by SW846 8082/EPA 608

Sample: 0806007-1

Client Sample ID: SB-01 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
12674-11-2	PCB 1016	193	193	ug/kg	U
11104-28-2	PCB 1221	193	193	ug/kg	U
11141-16-5	PCB 1232	193	193	ug/kg	U
53469-21-9	PCB 1242	193	193	ug/kg	U
12672-29-6	PCB 1248	193	193	ug/kg	U
11097-69-1	PCB 1254	193	193	ug/kg	U
11096-82-5	PCB 1260	193	193	ug/kg	U

Sample: 0806007-2

Client Sample ID: SB-04 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
12674-11-2	PCB 1016	224	224	ug/kg	U
11104-28-2	PCB 1221	224	224	ug/kg	U
11141-16-5	PCB 1232	224	224	ug/kg	U
53469-21-9	PCB 1242	224	224	ug/kg	U
12672-29-6	PCB 1248	224	224	ug/kg	U
11097-69-1	PCB 1254	224	224	ug/kg	U
11096-82-5	PCB 1260	224	224	ug/kg	U



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06/19/2008

PCB Aroclors by SW846 8082/EPA 608

Sample: 0806007-3

Client Sample ID: SB-05 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
12674-11-2	PCB 1016	193	193	ug/kg	U
11104-28-2	PCB 1221	193	193	ug/kg	U
11141-16-5	PCB 1232	193	193	ug/kg	U
53469-21-9	PCB 1242	193	193	ug/kg	U
12672-29-6	PCB 1248	193	193	ug/kg	U
11097-69-1	PCB 1254	193	193	ug/kg	U
11096-82-5	PCB 1260	193	193	ug/kg	U

Sample: 0806007-4

Client Sample ID: SB-02 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
12674-11-2	PCB 1016	176	176	ug/kg	U
11104-28-2	PCB 1221	176	176	ug/kg	U
11141-16-5	PCB 1232	176	176	ug/kg	U
53469-21-9	PCB 1242	176	176	ug/kg	U
12672-29-6	PCB 1248	176	176	ug/kg	U
11097-69-1	PCB 1254	176	176	ug/kg	U
11096-82-5	PCB 1260	176	176	ug/kg	U



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PCB Aroclors by SW846 8082/EPA 608

Sample: 0806007-5

Client Sample ID: SB-03 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
12674-11-2	PCB 1016	191	191	ug/kg	U
11104-28-2	PCB 1221	191	191	ug/kg	U
11141-16-5	PCB 1232	191	191	ug/kg	U
53469-21-9	PCB 1242	191	191	ug/kg	U
12672-29-6	PCB 1248	191	191	ug/kg	U
11097-69-1	PCB 1254	191	191	ug/kg	U
11096-82-5	PCB 1260	191	191	ug/kg	U

Sample: 0806007-6

Client Sample ID: SB-06 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
12674-11-2	PCB 1016	189	189	ug/kg	U
11104-28-2	PCB 1221	189	189	ug/kg	U
11141-16-5	PCB 1232	189	189	ug/kg	U
53469-21-9	PCB 1242	189	189	ug/kg	U
12672-29-6	PCB 1248	189	189	ug/kg	U
11097-69-1	PCB 1254	189	189	ug/kg	U
11096-82-5	PCB 1260	189	189	ug/kg	U



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06/19/2008

PCB Aroclors by SW846 8082/EPA 608

Sample: 0806007-7

Client Sample ID: SB-06 (38-40')

Collected: 06/09/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
12674-11-2	PCB 1016	171	171	ug/kg	U
11104-28-2	PCB 1221	171	171	ug/kg	U
11141-16-5	PCB 1232	171	171	ug/kg	U
53469-21-9	PCB 1242	171	171	ug/kg	U
12672-29-6	PCB 1248	171	171	ug/kg	U
11097-69-1	PCB 1254	171	171	ug/kg	U
11096-82-5	PCB 1260	171	171	ug/kg	U

Sample: 0806007-8

Client Sample ID: GW-06

Collected: 06/09/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Liquid

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
12674-11-2	PCB 1016	50.0	50.0	ug/L	U
11104-28-2	PCB 1221	50.0	50.0	ug/L	U
11141-16-5	PCB 1232	50.0	50.0	ug/L	U
53469-21-9	PCB 1242	50.0	50.0	ug/L	U
12672-29-6	PCB 1248	50.0	50.0	ug/L	U
11097-69-1	PCB 1254	50.0	50.0	ug/L	U
11096-82-5	PCB 1260	50.0	50.0	ug/L	U



NYS Lab ID # 11866

06/19/2008

PCB Aroclors by SW846 8082/EPA 608

Sample: 0806007-9

Client Sample ID: SB-03 (38-40')

Collected: 06/09/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
12674-11-2	PCB 1016	173	173	ug/kg	U
11104-28-2	PCB 1221	173	173	ug/kg	U
11141-16-5	PCB 1232	173	173	ug/kg	U
53469-21-9	PCB 1242	173	173	ug/kg	U
12672-29-6	PCB 1248	173	173	ug/kg	U
11097-69-1	PCB 1254	173	173	ug/kg	U
11096-82-5	PCB 1260	173	173	ug/kg	U

Sample: 0806007-10

Client Sample ID: SB-05 (38-40')

Collected: 06/09/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
12674-11-2	PCB 1016	174	174	ug/kg	U
11104-28-2	PCB 1221	174	174	ug/kg	U
11141-16-5	PCB 1232	174	174	ug/kg	U
53469-21-9	PCB 1242	174	174	ug/kg	U
12672-29-6	PCB 1248	174	174	ug/kg	U
11097-69-1	PCB 1254	174	174	ug/kg	U
11096-82-5	PCB 1260	174	174	ug/kg	U



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PCB Aroclors by SW846 8082/EPA 608

Sample: 0806007-11

Client Sample ID: SB-02 (39-41')

Collected: 06/10/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
12674-11-2	PCB 1016	173	173	ug/kg	U
11104-28-2	PCB 1221	173	173	ug/kg	U
11141-16-5	PCB 1232	173	173	ug/kg	U
53469-21-9	PCB 1242	173	173	ug/kg	U
12672-29-6	PCB 1248	173	173	ug/kg	U
11097-69-1	PCB 1254	173	173	ug/kg	U
11096-82-5	PCB 1260	173	173	ug/kg	U

Sample: 0806007-12

Client Sample ID: SB-04 (38-40')

Collected: 06/10/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
12674-11-2	PCB 1016	173	173	ug/kg	U
11104-28-2	PCB 1221	173	173	ug/kg	U
11141-16-5	PCB 1232	173	173	ug/kg	U
53469-21-9	PCB 1242	173	173	ug/kg	U
12672-29-6	PCB 1248	173	173	ug/kg	U
11097-69-1	PCB 1254	173	173	ug/kg	U
11096-82-5	PCB 1260	173	173	ug/kg	U



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PCB Aroclors by SW846 8082/EPA 608

Sample: 0806007-13

Client Sample ID: SB-01 (38-40')

Collected: 06/10/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
12674-11-2	PCB 1016	173	173	ug/kg	U
11104-28-2	PCB 1221	173	173	ug/kg	U
11141-16-5	PCB 1232	173	173	ug/kg	U
53469-21-9	PCB 1242	173	173	ug/kg	U
12672-29-6	PCB 1248	173	173	ug/kg	U
11097-69-1	PCB 1254	173	173	ug/kg	U
11096-82-5	PCB 1260	173	173	ug/kg	U

Sample: 0806007-14

Client Sample ID: GW-01

Collected: 06/10/2008 00:00

Analyzed Date: 06/15/2008

Matrix: Liquid

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
12674-11-2	PCB 1016	50.0	50.0	ug/L	U
11104-28-2	PCB 1221	50.0	50.0	ug/L	U
11141-16-5	PCB 1232	50.0	50.0	ug/L	U
53469-21-9	PCB 1242	50.0	50.0	ug/L	U
12672-29-6	PCB 1248	50.0	50.0	ug/L	U
11097-69-1	PCB 1254	50.0	50.0	ug/L	U
11096-82-5	PCB 1260	50.0	50.0	ug/L	U



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06/19/2008

Metals by Method SW846 6010/EPA 200.7

Sample: 0806007-1

Client Sample ID: SB-01 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/17/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7440-36-0	Antimony	1.10	1.10	mg/kg	U
7440-02-0	Nickel	1.10	10.0	mg/kg	
7429-90-5	Aluminum	1.10	4900	mg/kg	
7440-38-2	Arsenic	1.10	4.90	mg/kg	
7440-39-3	Barium	0.50	110	mg/kg	
7440-41-7	Beryllium	0.10	0.10	mg/kg	U
7440-43-9	Cadmium	0.50	0.50	mg/kg	U
7440-70-2	Calcium	21.7	20000	mg/kg	
7440-47-3	Chromium	0.50	11.0	mg/kg	
7440-48-4	Cobalt	0.50	4.70	mg/kg	
7440-50-8	Copper	1.10	20.0	mg/kg	
7439-89-6	Iron	1.10	13000	mg/kg	
7439-92-1	Lead	0.50	460	mg/kg	
7439-95-4	Magnesium	0.50	8000	mg/kg	
7439-96-5	Manganese	1.10	230	mg/kg	
7440-09-7	Potassium	109	740	mg/kg	
7782-49-2	Selenium	1.10	1.10	mg/kg	U
7440-22-4	Silver	0.50	1.80	mg/kg	
7440-23-5	Sodium	109	370	mg/kg	
7440-28-0	Thallium	1.10	1.10	mg/kg	U
7440-62-2	Vanadium	0.50	14.0	mg/kg	
7440-66-6	Zinc	1.10	180	mg/kg	



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06/19/2008

Metals by Method SW846 6010/EPA 200.7

Sample: 0806007-2

Client Sample ID: SB-04 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/17/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7440-36-0	Antimony	1.20	1.20	mg/kg	U
7440-02-0	Nickel	1.20	11.0	mg/kg	
7429-90-5	Aluminum	1.20	12000	mg/kg	
7440-38-2	Arsenic	1.20	3.80	mg/kg	
7440-39-3	Barium	0.60	98.0	mg/kg	
7440-41-7	Beryllium	0.10	0.10	mg/kg	U
7440-43-9	Cadmium	0.60	0.60	mg/kg	U
7440-70-2	Calcium	24.0	4500	mg/kg	
7440-47-3	Chromium	0.60	15.0	mg/kg	
7440-48-4	Cobalt	0.60	5.20	mg/kg	
7440-50-8	Copper	1.20	14.0	mg/kg	
7439-89-6	Iron	1.20	11000	mg/kg	
7439-92-1	Lead	0.60	130	mg/kg	
7439-95-4	Magnesium	0.60	3200	mg/kg	
7439-96-5	Manganese	1.20	24.0	mg/kg	
7440-09-7	Potassium	119	740	mg/kg	
7782-49-2	Selenium	1.20	1.20	mg/kg	U
7440-22-4	Silver	0.60	0.60	mg/kg	U
7440-23-5	Sodium	119	380	mg/kg	
7440-28-0	Thallium	1.20	1.20	mg/kg	U
7440-62-2	Vanadium	0.60	20.0	mg/kg	
7440-66-6	Zinc	1.20	61.0	mg/kg	



Metals by Method SW846 6010/EPA 200.7

Sample: 0806007-3

Client Sample ID: SB-05 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/17/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7440-36-0	Antimony	1.20	1.20	mg/kg	U
7440-02-0	Nickel	1.20	13.0	mg/kg	
7429-90-5	Aluminum	1.20	9900	mg/kg	
7440-38-2	Arsenic	1.20	5.20	mg/kg	
7440-39-3	Barium	0.60	130	mg/kg	
7440-41-7	Beryllium	0.10	0.10	mg/kg	U
7440-43-9	Cadmium	0.60	0.60	mg/kg	U
7440-70-2	Calcium	24.0	7100	mg/kg	
7440-47-3	Chromium	0.60	15.0	mg/kg	
7440-48-4	Cobalt	0.60	5.10	mg/kg	
7440-50-8	Copper	1.20	79.0	mg/kg	
7439-89-6	Iron	1.20	11000	mg/kg	
7439-92-1	Lead	0.60	380	mg/kg	
7439-95-4	Magnesium	0.60	2900	mg/kg	
7439-96-5	Manganese	1.20	320	mg/kg	
7440-09-7	Potassium	119	690	mg/kg	
7782-49-2	Selenium	1.20	1.20	mg/kg	U
7440-22-4	Silver	0.60	0.60	mg/kg	U
7440-23-5	Sodium	119	310	mg/kg	
7440-28-0	Thallium	1.20	1.20	mg/kg	U
7440-62-2	Vanadium	0.60	27.0	mg/kg	
7440-66-6	Zinc	1.20	230	mg/kg	



Metals by Method SW846 6010/EPA 200.7

Sample: 0806007-4

Client Sample ID: SB-02 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/17/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7440-36-0	Antimony	1.10	1.10	mg/kg	U
7440-02-0	Nickel	1.10	8.70	mg/kg	
7429-90-5	Aluminum	1.10	3700	mg/kg	
7440-38-2	Arsenic	1.10	3.40	mg/kg	
7440-39-3	Barium	0.50	130	mg/kg	
7440-41-7	Beryllium	0.10	0.10	mg/kg	U
7440-43-9	Cadmium	0.50	0.50	mg/kg	U
7440-70-2	Calcium	21.0	18000	mg/kg	
7440-47-3	Chromium	0.50	8.90	mg/kg	
7440-48-4	Cobalt	0.50	3.20	mg/kg	
7440-50-8	Copper	1.10	26.0	mg/kg	
7439-89-6	Iron	1.10	8200	mg/kg	
7439-92-1	Lead	0.50	360	mg/kg	
7439-95-4	Magnesium	0.50	9100	mg/kg	
7439-96-5	Manganese	1.10	190	mg/kg	
7440-09-7	Potassium	106	620	mg/kg	
7782-49-2	Selenium	1.10	1.10	mg/kg	U
7440-22-4	Silver	0.50	0.50	mg/kg	U
7440-23-5	Sodium	106	190	mg/kg	
7440-28-0	Thallium	1.10	1.10	mg/kg	U
7440-62-2	Vanadium	0.50	18.0	mg/kg	
7440-66-6	Zinc	1.10	130	mg/kg	



Metals by Method SW846 6010/EPA 200.7

Sample: 0806007-5

Client Sample ID: SB-03 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/17/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7440-36-0	Antimony	1.20	1.20	mg/kg	U
7440-02-0	Nickel	1.20	13.0	mg/kg	
7429-90-5	Aluminum	1.20	12000	mg/kg	
7440-38-2	Arsenic	1.20	4.60	mg/kg	
7440-39-3	Barium	0.60	110	mg/kg	
7440-41-7	Beryllium	0.10	0.10	mg/kg	U
7440-43-9	Cadmium	0.60	0.60	mg/kg	U
7440-70-2	Calcium	24.0	2900	mg/kg	
7440-47-3	Chromium	0.60	15.0	mg/kg	
7440-48-4	Cobalt	0.60	7.80	mg/kg	
7440-50-8	Copper	1.20	38.0	mg/kg	
7439-89-6	Iron	1.20	12000	mg/kg	
7439-92-1	Lead	0.60	380	mg/kg	
7439-95-4	Magnesium	0.60	2100	mg/kg	
7439-96-5	Manganese	1.20	520	mg/kg	
7440-09-7	Potassium	118	660	mg/kg	
7782-49-2	Selenium	1.20	1.20	mg/kg	U
7440-22-4	Silver	0.60	0.60	mg/kg	U
7440-23-5	Sodium	118	160	mg/kg	
7440-28-0	Thallium	1.20	1.20	mg/kg	U
7440-62-2	Vanadium	0.60	20.0	mg/kg	
7440-66-6	Zinc	1.20	82.0	mg/kg	



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NYS Lab ID # 11866

06/19/2008

Metals by Method SW846 6010/EPA 200.7

Sample: 0806007-6

Client Sample ID: SB-06 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/17/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7440-36-0	Antimony	1.20	1.20	mg/kg	U
7440-02-0	Nickel	1.20	11.0	mg/kg	
7429-90-5	Aluminum	1.20	10000	mg/kg	
7440-38-2	Arsenic	1.20	4.20	mg/kg	
7440-39-3	Barium	0.60	120	mg/kg	
7440-41-7	Beryllium	0.10	0.10	mg/kg	U
7440-43-9	Cadmium	0.60	0.60	mg/kg	U
7440-70-2	Calcium	23.0	3600	mg/kg	
7440-47-3	Chromium	0.60	15.0	mg/kg	
7440-48-4	Cobalt	0.60	4.70	mg/kg	
7440-50-8	Copper	1.20	49.0	mg/kg	
7439-89-6	Iron	1.20	11000	mg/kg	
7439-92-1	Lead	0.60	170	mg/kg	
7439-95-4	Magnesium	0.60	2100	mg/kg	
7439-96-5	Manganese	1.20	310	mg/kg	
7440-09-7	Potassium	116	620	mg/kg	
7782-49-2	Selenium	1.20	1.20	mg/kg	U
7440-22-4	Silver	0.60	0.60	mg/kg	U
7440-23-5	Sodium	116	160	mg/kg	
7440-28-0	Thallium	1.20	1.20	mg/kg	U
7440-62-2	Vanadium	0.60	22.0	mg/kg	
7440-66-6	Zinc	1.20	69.0	mg/kg	



Metals by Method SW846 6010/EPA 200.7

Sample: 0806007-7

Client Sample ID: SB-06 (38-40')

Collected: 06/09/2008 00:00

Analyzed Date: 06/17/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7440-36-0	Antimony	1.00	1.00	mg/kg	U
7440-02-0	Nickel	1.00	11.0	mg/kg	
7429-90-5	Aluminum	1.00	2200	mg/kg	
7440-38-2	Arsenic	1.00	1.00	mg/kg	U
7440-39-3	Barium	0.50	27.0	mg/kg	
7440-41-7	Beryllium	0.10	0.10	mg/kg	U
7440-43-9	Cadmium	0.50	0.50	mg/kg	U
7440-70-2	Calcium	21.0	650	mg/kg	
7440-47-3	Chromium	0.50	6.30	mg/kg	
7440-48-4	Cobalt	0.50	4.50	mg/kg	
7440-50-8	Copper	1.00	4.80	mg/kg	
7439-89-6	Iron	1.00	6100	mg/kg	
7439-92-1	Lead	0.50	2.10	mg/kg	
7439-95-4	Magnesium	0.50	810	mg/kg	
7439-96-5	Manganese	1.00	210	mg/kg	
7440-09-7	Potassium	103	670	mg/kg	
7782-49-2	Selenium	1.00	1.00	mg/kg	U
7440-22-4	Silver	0.50	0.50	mg/kg	U
7440-23-5	Sodium	103	103	mg/kg	U
7440-28-0	Thallium	1.00	1.00	mg/kg	U
7440-62-2	Vanadium	0.50	6.20	mg/kg	
7440-66-6	Zinc	1.00	10.0	mg/kg	



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Metals by Method SW846 6010/EPA 200.7

Sample: 0806007-8

Client Sample ID: GW-06

Collected: 06/09/2008 00:00

Analyzed Date: 06/17/2008

Matrix: Liquid

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7440-36-0	Antimony	0.50	4.50	mg/L	
7440-02-0	Nickel	1.00	1.00	mg/L	U
7429-90-5	Aluminum	1.00	10.0	mg/L	
7440-38-2	Arsenic	0.50	0.50	mg/L	U
7440-39-3	Barium	0.50	1.90	mg/L	
7440-41-7	Beryllium	0.10	0.10	mg/L	U
7440-43-9	Cadmium	0.50	0.50	mg/L	U
7440-70-2	Calcium	20.0	1200	mg/L	
7440-47-3	Chromium	0.50	0.50	mg/L	U
7440-48-4	Cobalt	0.50	0.50	mg/L	U
7440-50-8	Copper	1.00	1.00	mg/L	U
7439-89-6	Iron	1.00	37.0	mg/L	
7439-92-1	Lead	0.50	0.50	mg/L	U
7439-95-4	Magnesium	0.50	200	mg/L	
7439-96-5	Manganese	1.00	9.80	mg/L	
7440-09-7	Potassium	100	100	mg/L	U
7782-49-2	Selenium	1.00	1.00	mg/L	U
7440-22-4	Silver	0.50	0.50	mg/L	U
7440-23-5	Sodium	100	1700	mg/L	
7440-28-0	Thallium	0.50	0.50	mg/L	U
7440-62-2	Vanadium	0.50	0.50	mg/L	U
7440-66-6	Zinc	1.00	1.20	mg/L	



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Metals by Method SW846 6010/EPA 200.7

Sample: 0806007-9

Client Sample ID: SB-03 (38-40')

Collected: 06/09/2008 00:00

Analyzed Date: 06/17/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7440-36-0	Antimony	1.00	1.00	mg/kg	U
7440-02-0	Nickel	1.00	8.10	mg/kg	
7429-90-5	Aluminum	1.00	2000	mg/kg	
7440-38-2	Arsenic	1.00	1.00	mg/kg	U
7440-39-3	Barium	0.50	18.0	mg/kg	
7440-41-7	Beryllium	0.10	0.10	mg/kg	U
7440-43-9	Cadmium	0.50	0.50	mg/kg	U
7440-70-2	Calcium	21.0	530	mg/kg	
7440-47-3	Chromium	0.50	5.00	mg/kg	
7440-48-4	Cobalt	0.50	2.30	mg/kg	
7440-50-8	Copper	1.00	3.80	mg/kg	
7439-89-6	Iron	1.00	5100	mg/kg	
7439-92-1	Lead	0.50	0.50	mg/kg	U
7439-95-4	Magnesium	0.50	750	mg/kg	
7439-96-5	Manganese	1.00	97.0	mg/kg	
7440-09-7	Potassium	104	550	mg/kg	
7782-49-2	Selenium	1.00	1.00	mg/kg	U
7440-22-4	Silver	0.50	0.50	mg/kg	U
7440-23-5	Sodium	104	104	mg/kg	U
7440-28-0	Thallium	1.00	1.00	mg/kg	U
7440-62-2	Vanadium	0.50	5.40	mg/kg	
7440-66-6	Zinc	1.00	9.10	mg/kg	



Metals by Method SW846 6010/EPA 200.7

Sample: 0806007-10

Client Sample ID: SB-05 (38-40')

Collected: 06/09/2008 00:00

Analyzed Date: 06/17/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7440-36-0	Antimony	1.10	1.10	mg/kg	U
7440-02-0	Nickel	1.10	19.0	mg/kg	
7429-90-5	Aluminum	1.10	4700	mg/kg	
7440-38-2	Arsenic	1.10	1.10	mg/kg	U
7440-39-3	Barium	0.50	18.0	mg/kg	
7440-41-7	Beryllium	0.10	0.10	mg/kg	U
7440-43-9	Cadmium	0.50	0.50	mg/kg	U
7440-70-2	Calcium	21.0	540	mg/kg	
7440-47-3	Chromium	0.50	17.0	mg/kg	
7440-48-4	Cobalt	0.50	2.80	mg/kg	
7440-50-8	Copper	1.10	6.20	mg/kg	
7439-89-6	Iron	1.10	20000	mg/kg	
7439-92-1	Lead	0.50	1.70	mg/kg	
7439-95-4	Magnesium	0.50	760	mg/kg	
7439-96-5	Manganese	1.10	190	mg/kg	
7440-09-7	Potassium	105	570	mg/kg	
7782-49-2	Selenium	1.10	1.10	mg/kg	U
7440-22-4	Silver	0.50	0.50	mg/kg	U
7440-23-5	Sodium	105	105	mg/kg	U
7440-28-0	Thallium	1.10	1.10	mg/kg	U
7440-62-2	Vanadium	0.50	19.0	mg/kg	
7440-66-6	Zinc	1.10	15.0	mg/kg	



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Metals by Method SW846 6010/EPA 200.7

Sample: 0806007-11

Client Sample ID: SB-02 (39-41')

Collected: 06/10/2008 00:00

Analyzed Date: 06/17/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7440-36-0	Antimony	1.00	1.00	mg/kg	U
7440-02-0	Nickel	1.00	10.0	mg/kg	
7429-90-5	Aluminum	1.00	1900	mg/kg	
7440-38-2	Arsenic	1.00	1.00	mg/kg	U
7440-39-3	Barium	0.50	16.0	mg/kg	
7440-41-7	Beryllium	0.10	0.10	mg/kg	U
7440-43-9	Cadmium	0.50	0.50	mg/kg	U
7440-70-2	Calcium	21.0	500	mg/kg	
7440-47-3	Chromium	0.50	5.20	mg/kg	
7440-48-4	Cobalt	0.50	2.80	mg/kg	
7440-50-8	Copper	1.00	5.00	mg/kg	
7439-89-6	Iron	1.00	6300	mg/kg	
7439-92-1	Lead	0.50	1.70	mg/kg	
7439-95-4	Magnesium	0.50	770	mg/kg	
7439-96-5	Manganese	1.00	200	mg/kg	
7440-09-7	Potassium	104	420	mg/kg	
7782-49-2	Selenium	1.00	1.00	mg/kg	U
7440-22-4	Silver	0.50	0.50	mg/kg	U
7440-23-5	Sodium	104	104	mg/kg	U
7440-28-0	Thallium	1.00	1.00	mg/kg	U
7440-62-2	Vanadium	0.50	4.60	mg/kg	
7440-66-6	Zinc	1.00	10.0	mg/kg	



Metals by Method SW846 6010/EPA 200.7

Sample: 0806007-12

Client Sample ID: SB-04 (38-40')

Collected: 06/10/2008 00:00

Analyzed Date: 06/17/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7440-36-0	Antimony	1.00	1.00	mg/kg	U
7440-02-0	Nickel	1.00	14.0	mg/kg	
7429-90-5	Aluminum	1.00	2700	mg/kg	
7440-38-2	Arsenic	1.00	1.00	mg/kg	U
7440-39-3	Barium	0.50	18.0	mg/kg	
7440-41-7	Beryllium	0.10	0.10	mg/kg	U
7440-43-9	Cadmium	0.50	0.50	mg/kg	U
7440-70-2	Calcium	21.0	520	mg/kg	
7440-47-3	Chromium	0.50	8.20	mg/kg	
7440-48-4	Cobalt	0.50	2.70	mg/kg	
7440-50-8	Copper	1.00	5.70	mg/kg	
7439-89-6	Iron	1.00	13000	mg/kg	
7439-92-1	Lead	0.50	0.50	mg/kg	U
7439-95-4	Magnesium	0.50	880	mg/kg	
7439-96-5	Manganese	1.00	260	mg/kg	
7440-09-7	Potassium	104	500	mg/kg	
7782-49-2	Selenium	1.00	1.00	mg/kg	U
7440-22-4	Silver	0.50	0.50	mg/kg	U
7440-23-5	Sodium	104	104	mg/kg	U
7440-28-0	Thallium	1.00	1.00	mg/kg	U
7440-62-2	Vanadium	0.50	9.70	mg/kg	
7440-66-6	Zinc	1.00	11.0	mg/kg	



Metals by Method SW846 6010/EPA 200.7

Sample: 0806007-13

Client Sample ID: SB-01 (38-40')

Collected: 06/10/2008 00:00

Analyzed Date: 06/17/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7440-36-0	Antimony	1.00	1.00	mg/kg	U
7440-02-0	Nickel	1.00	10.0	mg/kg	
7429-90-5	Aluminum	1.00	2100	mg/kg	
7440-38-2	Arsenic	1.00	1.00	mg/kg	U
7440-39-3	Barium	0.50	15.0	mg/kg	
7440-41-7	Beryllium	0.10	0.10	mg/kg	U
7440-43-9	Cadmium	0.50	0.50	mg/kg	U
7440-70-2	Calcium	21.0	470	mg/kg	
7440-47-3	Chromium	0.50	6.10	mg/kg	
7440-48-4	Cobalt	0.50	2.60	mg/kg	
7440-50-8	Copper	1.00	4.50	mg/kg	
7439-89-6	Iron	1.00	6000	mg/kg	
7439-92-1	Lead	0.50	0.50	mg/kg	U
7439-95-4	Magnesium	0.50	980	mg/kg	
7439-96-5	Manganese	1.00	10.0	mg/kg	
7440-09-7	Potassium	104	550	mg/kg	
7782-49-2	Selenium	1.00	1.00	mg/kg	U
7440-22-4	Silver	0.50	0.50	mg/kg	U
7440-23-5	Sodium	104	104	mg/kg	U
7440-28-0	Thallium	1.00	1.00	mg/kg	U
7440-62-2	Vanadium	0.50	6.80	mg/kg	
7440-66-6	Zinc	1.00	10.0	mg/kg	



Metals by Method SW846 6010/EPA 200.7

Sample: 0806007-14

Client Sample ID: GW-01

Collected: 06/10/2008 00:00

Analyzed Date: 06/17/2008

Matrix: Liquid

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7440-36-0	Antimony	0.0050	0.0050	mg/L	U
7440-02-0	Nickel	0.010	0.010	mg/L	U
7429-90-5	Aluminum	0.010	7.30	mg/L	
7440-38-2	Arsenic	0.0050	0.0050	mg/L	U
7440-39-3	Barium	0.0050	0.0050	mg/L	U
7440-41-7	Beryllium	0.0010	0.0010	mg/L	U
7440-43-9	Cadmium	0.0050	0.0050	mg/L	U
7440-70-2	Calcium	0.20	70.0	mg/L	
7440-47-3	Chromium	0.0050	0.0050	mg/L	U
7440-48-4	Cobalt	0.0050	0.0050	mg/L	U
7440-50-8	Copper	0.010	0.010	mg/L	U
7439-89-6	Iron	0.010	25.0	mg/L	
7439-92-1	Lead	0.0050	0.0050	mg/L	U
7439-95-4	Magnesium	0.0050	18.0	mg/L	
7439-96-5	Manganese	0.010	1.10	mg/L	
7440-09-7	Potassium	1.00	8.80	mg/L	
7782-49-2	Selenium	0.010	0.010	mg/L	U
7440-22-4	Silver	0.0050	0.0050	mg/L	U
7440-23-5	Sodium	1.00	10.0	mg/L	
7440-28-0	Thallium	0.0050	0.0050	mg/L	U
7440-62-2	Vanadium	0.0050	0.0050	mg/L	U
7440-66-6	Zinc	0.010	0.010	mg/L	U



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06/19/2008

Mercury by SW846 7470/7471/EPA 245.1

Sample: 0806007-1

Client Sample ID: SB-01 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/17/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7439-97-6	Mercury	0.030	0.84	mg/kg	

Sample: 0806007-2

Client Sample ID: SB-04 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/17/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7439-97-6	Mercury	0.0060	0.17	mg/kg	

Sample: 0806007-3

Client Sample ID: SB-05 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/17/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7439-97-6	Mercury	0.0060	0.39	mg/kg	



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06/19/2008

Mercury by SW846 7470/7471/EPA 245.1

Sample: 0806007-4

Client Sample ID: SB-02 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/17/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7439-97-6	Mercury	0.0050	0.096	mg/kg	

Sample: 0806007-5

Client Sample ID: SB-03 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/17/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7439-97-6	Mercury	0.010	0.26	mg/kg	

Sample: 0806007-6

Client Sample ID: SB-06 (0-2')

Collected: 06/09/2008 00:00

Analyzed Date: 06/17/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7439-97-6	Mercury	0.020	0.30	mg/kg	



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06/19/2008

Mercury by SW846 7470/7471/EPA 245.1

Sample: 0806007-7

Client Sample ID: SB-06 (38-40')

Collected: 06/09/2008 00:00

Analyzed Date: 06/17/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7439-97-6	Mercury	0.0050	0.0050	mg/kg	U

Sample: 0806007-8

Client Sample ID: GW-06

Collected: 06/09/2008 00:00

Analyzed Date: 06/17/2008

Matrix: Liquid

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7439-97-6	Mercury	0.0010	0.0010	mg/L	U

Sample: 0806007-9

Client Sample ID: SB-03 (38-40')

Collected: 06/09/2008 00:00

Analyzed Date: 06/17/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7439-97-6	Mercury	0.0050	0.0050	mg/kg	U



Mercury by SW846 7470/7471/EPA 245.1

Sample: 0806007-10

Client Sample ID: SB-05 (38-40')

Collected: 06/09/2008 00:00

Analyzed Date: 06/17/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7439-97-6	Mercury	0.0050	0.0050	mg/kg	U

Sample: 0806007-11

Client Sample ID: SB-02 (39-41')

Collected: 06/10/2008 00:00

Analyzed Date: 06/17/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7439-97-6	Mercury	0.0050	0.0050	mg/kg	U

Sample: 0806007-12

Client Sample ID: SB-04 (38-40')

Collected: 06/10/2008 00:00

Analyzed Date: 06/17/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7439-97-6	Mercury	0.0050	0.0050	mg/kg	U



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06/19/2008

Mercury by SW846 7470/7471/EPA 245.1

Sample: 0806007-13

Client Sample ID: SB-01 (38-40')

Collected: 06/10/2008 00:00

Analyzed Date: 06/17/2008

Matrix: Soil

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7439-97-6	Mercury	0.0050	0.0050	mg/kg	U

Sample: 0806007-14

Client Sample ID: GW-01

Collected: 06/10/2008 00:00

Analyzed Date: 06/17/2008

Matrix: Liquid

Type: Grab

Remarks:

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7439-97-6	Mercury	0.0010	0.0010	mg/L	U



INORGANIC METHOD QUALIFIERS

- B - Entered if the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL).*
- D - This flag indicates a system monitoring compound diluted out.*
- E - Reported value is estimated because of the presence of interferences.*
- U - Entered when the analyte was analyzed for, but not detected above the Method Detection Limit (MDL) which is less than the lowest calibration standard concentration.*

ORGANIC METHOD QUALIFIERS

- B - The analyte was found in the associated method blank as well as the sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.*
- E - The concentration of the analyte exceeded the calibration range of the instrument.*
- J - Indicates an estimated value. The concentration reported was detected below Practical Quantitation Limit and the Method Detection Limit (MDL).*
- U - The analytical result is not detected above the Method Detection Limit (MDL). All MDL's are lower than the lowest calibration standard concentration.*

OTHER QUALIFIERS

- ND - Not Detected*
- NA - Not Applicable*

Technical Report for

ERM, Inc.

Bluestone, 160th Street, Queens, NY

0166820

Accutest Job Number: JB9116

Sampling Date: 06/15/12

Report to:

ERM, Inc.

Christopher.OLeary@erm.com

ATTN: Christopher OLeary

Total number of pages in report: 25



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.



Paul Ioannidis
Lab Director

Client Service contact: Tammy McCloskey 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, OH VAP (CL0056), PA, RI, SC, TN, VA, WV

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Test results relate only to samples analyzed.

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Sample Summary

ERM, Inc.

Job No: JB9116

Bluestone, 160th Street, Queens, NY
Project No: 0166820

Sample Number	Collected		Received	Matrix		Client Sample ID
	Date	Time By		Code	Type	
JB9116-1	06/15/12	11:08 KP	06/15/12	AIR	Soil Vapor Comp.	SV-01
JB9116-2	06/15/12	11:09 KP	06/15/12	AIR	Soil Vapor Comp.	SV-02
JB9116-3	06/15/12	11:10 KP	06/15/12	AIR	Soil Vapor Comp.	SV-03
JB9116-4	06/15/12	11:11 KP	06/15/12	AIR	Soil Vapor Comp.	SV-04

CASE NARRATIVE / CONFORMANCE SUMMARY

Client: ERM, Inc.

Job No JB9116

Site: Bluestone, 160th Street, Queens, NY

Report Date 6/29/2012 3:12:39 PM

On 06/15/2012, 4 Sample(s), 0 Trip Blank(s) and 0 Field Blank(s) were received at Accutest Laboratories . Samples were intact and chemically preserved, unless noted below. An Accutest Job Number of JB9116 was assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

Volatiles by GCMS By Method TO-15

Matrix: AIR

Batch ID: V3W1124

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JB9073-5DUP were used as the QC samples indicated.
- Blank Spike Recovery(s) for Hexachlorobutadiene are outside control limits. High percent recoveries and no associated positive found in the QC batch.
- RPD(s) for Duplicate for Chloromethane, Cyclohexane, Hexane are outside of in house control limits for sample JB9073-5DUP.

Matrix: AIR

Batch ID: V3W1125

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JB9247-2DUP were used as the QC samples indicated.

Accutest certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting Accutest's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

Accutest Laboratories is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. Data release is authorized by Accutest Laboratories indicated via signature on the report cover

Summary of Hits

Job Number: JB9116
Account: ERM, Inc.
Project: Bluestone, 160th Street, Queens, NY
Collected: 06/15/12



Lab Sample ID	Client Sample ID	Result/ Analyte	RL	MDL	Units	Method	
JB9116-1	SV-01						
		Acetone	343	2.4	0.43	ppbv	TO-15
		Benzene	6.3	0.80	0.18	ppbv	TO-15
		Carbon disulfide	3.3	0.80	0.13	ppbv	TO-15
		Cyclohexane	3.4	0.80	0.13	ppbv	TO-15
		Dichlorodifluoromethane	0.71 J	0.80	0.15	ppbv	TO-15
		Ethanol	10.8	2.0	0.38	ppbv	TO-15
		Ethylbenzene	9.1	0.80	0.12	ppbv	TO-15
		Ethyl Acetate	11.7	0.80	0.24	ppbv	TO-15
		4-Ethyltoluene	3.2	0.80	0.096	ppbv	TO-15
		Heptane	7.9	0.80	0.13	ppbv	TO-15
		Hexane	9.7	0.80	0.18	ppbv	TO-15
		2-Hexanone	13.6	0.80	0.17	ppbv	TO-15
		Methyl ethyl ketone	13.5	0.80	0.19	ppbv	TO-15
		Methyl Isobutyl Ketone	19.9	0.80	0.14	ppbv	TO-15
		Propylene	28.9	2.0	0.28	ppbv	TO-15
		1,2,4-Trimethylbenzene	13.9	0.80	0.096	ppbv	TO-15
		1,3,5-Trimethylbenzene	4.1	0.80	0.11	ppbv	TO-15
		2,2,4-Trimethylpentane	3.4	0.80	0.11	ppbv	TO-15
		Tertiary Butyl Alcohol	2.4	0.80	0.13	ppbv	TO-15
		Tetrachloroethylene	3.1	0.16	0.11	ppbv	TO-15
		Toluene	52.0	0.80	0.16	ppbv	TO-15
		Trichlorofluoromethane	2.3	0.80	0.17	ppbv	TO-15
		m,p-Xylene	41.3	0.80	0.12	ppbv	TO-15
		o-Xylene	13.6	0.80	0.12	ppbv	TO-15
		Xylenes (total)	54.9	0.80	0.12	ppbv	TO-15
		Acetone	815	5.7	1.0	ug/m3	TO-15
		Benzene	20	2.6	0.58	ug/m3	TO-15
		Carbon disulfide	10	2.5	0.40	ug/m3	TO-15
		Cyclohexane	12	2.8	0.45	ug/m3	TO-15
		Dichlorodifluoromethane	3.5 J	4.0	0.74	ug/m3	TO-15
		Ethanol	20.3	3.8	0.72	ug/m3	TO-15
		Ethylbenzene	40	3.5	0.52	ug/m3	TO-15
		Ethyl Acetate	42.1	2.9	0.86	ug/m3	TO-15
		4-Ethyltoluene	16	3.9	0.47	ug/m3	TO-15
		Heptane	32	3.3	0.53	ug/m3	TO-15
		Hexane	34	2.8	0.63	ug/m3	TO-15
		2-Hexanone	55.6	3.3	0.70	ug/m3	TO-15
		Methyl ethyl ketone	39.8	2.4	0.56	ug/m3	TO-15
		Methyl Isobutyl Ketone	81.6	3.3	0.57	ug/m3	TO-15
		Propylene	49.6	3.4	0.48	ug/m3	TO-15
		1,2,4-Trimethylbenzene	68.3	3.9	0.47	ug/m3	TO-15
		1,3,5-Trimethylbenzene	20	3.9	0.54	ug/m3	TO-15
		2,2,4-Trimethylpentane	16	3.7	0.51	ug/m3	TO-15

Summary of Hits

Job Number: JB9116
Account: ERM, Inc.
Project: Bluestone, 160th Street, Queens, NY
Collected: 06/15/12



Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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		7.3	2.4	0.39	ug/m3	TO-15
		21	1.1	0.75	ug/m3	TO-15
		196	3.0	0.60	ug/m3	TO-15
		13	4.5	0.96	ug/m3	TO-15
		179	3.5	0.52	ug/m3	TO-15
		59.1	3.5	0.52	ug/m3	TO-15
		238	3.5	0.52	ug/m3	TO-15

JB9116-2 SV-02

Acetone		142	0.80	0.15	ppbv	TO-15
Benzene		3.7	0.80	0.18	ppbv	TO-15
Carbon disulfide		1.7	0.80	0.13	ppbv	TO-15
Cyclohexane		1.8	0.80	0.13	ppbv	TO-15
Dichlorodifluoromethane		0.54 J	0.80	0.15	ppbv	TO-15
Ethanol		11.9	2.0	0.38	ppbv	TO-15
Ethylbenzene		6.4	0.80	0.12	ppbv	TO-15
4-Ethyltoluene		2.3	0.80	0.096	ppbv	TO-15
Heptane		3.3	0.80	0.13	ppbv	TO-15
Hexane		6.3	0.80	0.18	ppbv	TO-15
2-Hexanone		8.0	0.80	0.17	ppbv	TO-15
Methylene chloride		3.4	0.80	0.11	ppbv	TO-15
Methyl ethyl ketone		8.4	0.80	0.19	ppbv	TO-15
Methyl Isobutyl Ketone		12.1	0.80	0.14	ppbv	TO-15
Propylene		13.2	2.0	0.28	ppbv	TO-15
1,2,4-Trimethylbenzene		9.7	0.80	0.096	ppbv	TO-15
1,3,5-Trimethylbenzene		2.9	0.80	0.11	ppbv	TO-15
2,2,4-Trimethylpentane		1.6	0.80	0.11	ppbv	TO-15
Tertiary Butyl Alcohol		1.3	0.80	0.13	ppbv	TO-15
Tetrachloroethylene		1.4	0.16	0.11	ppbv	TO-15
Toluene		32.8	0.80	0.16	ppbv	TO-15
Trichlorofluoromethane		3.7	0.80	0.17	ppbv	TO-15
m,p-Xylene		29.3	0.80	0.12	ppbv	TO-15
o-Xylene		9.5	0.80	0.12	ppbv	TO-15
Xylenes (total)		38.8	0.80	0.12	ppbv	TO-15
Acetone		337	1.9	0.36	ug/m3	TO-15
Benzene		12	2.6	0.58	ug/m3	TO-15
Carbon disulfide		5.3	2.5	0.40	ug/m3	TO-15
Cyclohexane		6.2	2.8	0.45	ug/m3	TO-15
Dichlorodifluoromethane		2.7 J	4.0	0.74	ug/m3	TO-15
Ethanol		22.4	3.8	0.72	ug/m3	TO-15
Ethylbenzene		28	3.5	0.52	ug/m3	TO-15
4-Ethyltoluene		11	3.9	0.47	ug/m3	TO-15
Heptane		14	3.3	0.53	ug/m3	TO-15
Hexane		22	2.8	0.63	ug/m3	TO-15

Summary of Hits

Job Number: JB9116
Account: ERM, Inc.
Project: Bluestone, 160th Street, Queens, NY
Collected: 06/15/12

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
2-Hexanone		33	3.3	0.70	ug/m3	TO-15
Methylene chloride		12	2.8	0.38	ug/m3	TO-15
Methyl ethyl ketone		25	2.4	0.56	ug/m3	TO-15
Methyl Isobutyl Ketone		49.6	3.3	0.57	ug/m3	TO-15
Propylene		22.7	3.4	0.48	ug/m3	TO-15
1,2,4-Trimethylbenzene		48	3.9	0.47	ug/m3	TO-15
1,3,5-Trimethylbenzene		14	3.9	0.54	ug/m3	TO-15
2,2,4-Trimethylpentane		7.5	3.7	0.51	ug/m3	TO-15
Tertiary Butyl Alcohol		3.9	2.4	0.39	ug/m3	TO-15
Tetrachloroethylene		9.5	1.1	0.75	ug/m3	TO-15
Toluene		124	3.0	0.60	ug/m3	TO-15
Trichlorofluoromethane		21	4.5	0.96	ug/m3	TO-15
m,p-Xylene		127	3.5	0.52	ug/m3	TO-15
o-Xylene		41	3.5	0.52	ug/m3	TO-15
Xylenes (total)		169	3.5	0.52	ug/m3	TO-15

JB9116-3 SV-03

Acetone		182	1.6	0.29	ppbv	TO-15
Benzene		3.6	0.80	0.18	ppbv	TO-15
Carbon disulfide		1.6	0.80	0.13	ppbv	TO-15
Cyclohexane		1.8	0.80	0.13	ppbv	TO-15
Dichlorodifluoromethane		0.61 J	0.80	0.15	ppbv	TO-15
Ethanol		12.9	2.0	0.38	ppbv	TO-15
Ethylbenzene		6.3	0.80	0.12	ppbv	TO-15
Ethyl Acetate		1.3	0.80	0.24	ppbv	TO-15
4-Ethyltoluene		2.2	0.80	0.096	ppbv	TO-15
Heptane		3.5	0.80	0.13	ppbv	TO-15
Hexane		5.9	0.80	0.18	ppbv	TO-15
2-Hexanone		10.1	0.80	0.17	ppbv	TO-15
Isopropyl Alcohol		1.8	0.80	0.23	ppbv	TO-15
Methylene chloride		6.3	0.80	0.11	ppbv	TO-15
Methyl ethyl ketone		9.0	0.80	0.19	ppbv	TO-15
Methyl Isobutyl Ketone		14.5	0.80	0.14	ppbv	TO-15
Propylene		5.1	2.0	0.28	ppbv	TO-15
1,2,4-Trimethylbenzene		10.2	0.80	0.096	ppbv	TO-15
1,3,5-Trimethylbenzene		2.8	0.80	0.11	ppbv	TO-15
2,2,4-Trimethylpentane		1.5	0.80	0.11	ppbv	TO-15
Tertiary Butyl Alcohol		2.1	0.80	0.13	ppbv	TO-15
Tetrachloroethylene		2.2	0.16	0.11	ppbv	TO-15
Toluene		35.3	0.80	0.16	ppbv	TO-15
Trichlorofluoromethane		4.5	0.80	0.17	ppbv	TO-15
m,p-Xylene		30.1	0.80	0.12	ppbv	TO-15
o-Xylene		9.6	0.80	0.12	ppbv	TO-15
Xylenes (total)		39.7	0.80	0.12	ppbv	TO-15

Summary of Hits

Job Number: JB9116
Account: ERM, Inc.
Project: Bluestone, 160th Street, Queens, NY
Collected: 06/15/12



Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Acetone		432	3.8	0.69	ug/m3	TO-15
Benzene		12	2.6	0.58	ug/m3	TO-15
Carbon disulfide		5.0	2.5	0.40	ug/m3	TO-15
Cyclohexane		6.2	2.8	0.45	ug/m3	TO-15
Dichlorodifluoromethane		3.0 J	4.0	0.74	ug/m3	TO-15
Ethanol		24.3	3.8	0.72	ug/m3	TO-15
Ethylbenzene		27	3.5	0.52	ug/m3	TO-15
Ethyl Acetate		4.7	2.9	0.86	ug/m3	TO-15
4-Ethyltoluene		11	3.9	0.47	ug/m3	TO-15
Heptane		14	3.3	0.53	ug/m3	TO-15
Hexane		21	2.8	0.63	ug/m3	TO-15
2-Hexanone		41.3	3.3	0.70	ug/m3	TO-15
Isopropyl Alcohol		4.4	2.0	0.57	ug/m3	TO-15
Methylene chloride		22	2.8	0.38	ug/m3	TO-15
Methyl ethyl ketone		27	2.4	0.56	ug/m3	TO-15
Methyl Isobutyl Ketone		59.4	3.3	0.57	ug/m3	TO-15
Propylene		8.8	3.4	0.48	ug/m3	TO-15
1,2,4-Trimethylbenzene		50.1	3.9	0.47	ug/m3	TO-15
1,3,5-Trimethylbenzene		14	3.9	0.54	ug/m3	TO-15
2,2,4-Trimethylpentane		7.0	3.7	0.51	ug/m3	TO-15
Tertiary Butyl Alcohol		6.4	2.4	0.39	ug/m3	TO-15
Tetrachloroethylene		15	1.1	0.75	ug/m3	TO-15
Toluene		133	3.0	0.60	ug/m3	TO-15
Trichlorofluoromethane		25	4.5	0.96	ug/m3	TO-15
m,p-Xylene		131	3.5	0.52	ug/m3	TO-15
o-Xylene		42	3.5	0.52	ug/m3	TO-15
Xylenes (total)		172	3.5	0.52	ug/m3	TO-15

JB9116-4 SV-04

Acetone		167	1.6	0.29	ppbv	TO-15
Benzene		4.4	0.80	0.18	ppbv	TO-15
Carbon disulfide		3.0	0.80	0.13	ppbv	TO-15
Cyclohexane		1.9	0.80	0.13	ppbv	TO-15
Dichlorodifluoromethane		0.53 J	0.80	0.15	ppbv	TO-15
Ethanol		9.1	2.0	0.38	ppbv	TO-15
Ethylbenzene		6.9	0.80	0.12	ppbv	TO-15
Ethyl Acetate		17.0	0.80	0.24	ppbv	TO-15
4-Ethyltoluene		2.7	0.80	0.096	ppbv	TO-15
Heptane		3.8	0.80	0.13	ppbv	TO-15
Hexane		5.4	0.80	0.18	ppbv	TO-15
2-Hexanone		10.3	0.80	0.17	ppbv	TO-15
Isopropyl Alcohol		1.3	0.80	0.23	ppbv	TO-15
Methylene chloride		3.7	0.80	0.11	ppbv	TO-15
Methyl ethyl ketone		7.1	0.80	0.19	ppbv	TO-15

Summary of Hits

Job Number: JB9116
Account: ERM, Inc.
Project: Bluestone, 160th Street, Queens, NY
Collected: 06/15/12



Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
		14.7	0.80	0.14	ppbv	TO-15
		19.5	2.0	0.28	ppbv	TO-15
		12.1	0.80	0.096	ppbv	TO-15
		3.5	0.80	0.11	ppbv	TO-15
		1.5	0.80	0.11	ppbv	TO-15
		1.9	0.80	0.13	ppbv	TO-15
		16.3	0.16	0.11	ppbv	TO-15
		38.6	0.80	0.16	ppbv	TO-15
		2.1	0.80	0.17	ppbv	TO-15
		33.9	0.80	0.12	ppbv	TO-15
		10.8	0.80	0.12	ppbv	TO-15
		44.7	0.80	0.12	ppbv	TO-15
		397	3.8	0.69	ug/m3	TO-15
		14	2.6	0.58	ug/m3	TO-15
		9.3	2.5	0.40	ug/m3	TO-15
		6.5	2.8	0.45	ug/m3	TO-15
		2.6 J	4.0	0.74	ug/m3	TO-15
		17	3.8	0.72	ug/m3	TO-15
		30	3.5	0.52	ug/m3	TO-15
		61.2	2.9	0.86	ug/m3	TO-15
		13	3.9	0.47	ug/m3	TO-15
		16	3.3	0.53	ug/m3	TO-15
		19	2.8	0.63	ug/m3	TO-15
		42.1	3.3	0.70	ug/m3	TO-15
		3.2	2.0	0.57	ug/m3	TO-15
		13	2.8	0.38	ug/m3	TO-15
		21	2.4	0.56	ug/m3	TO-15
		60.2	3.3	0.57	ug/m3	TO-15
		33.5	3.4	0.48	ug/m3	TO-15
		59.5	3.9	0.47	ug/m3	TO-15
		17	3.9	0.54	ug/m3	TO-15
		7.0	3.7	0.51	ug/m3	TO-15
		5.8	2.4	0.39	ug/m3	TO-15
		111	1.1	0.75	ug/m3	TO-15
		145	3.0	0.60	ug/m3	TO-15
		12	4.5	0.96	ug/m3	TO-15
		147	3.5	0.52	ug/m3	TO-15
		46.9	3.5	0.52	ug/m3	TO-15
		194	3.5	0.52	ug/m3	TO-15

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID: SV-01		
Lab Sample ID: JB9116-1		Date Sampled: 06/15/12
Matrix: AIR - Soil Vapor Comp. Summa ID: A828		Date Received: 06/15/12
Method: TO-15		Percent Solids: n/a
Project: Bluestone, 160th Street, Queens, NY		

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3W28820.D	1.48	06/19/12	YXC	n/a	n/a	V3W1124
Run #2	3W28863.D	1.48	06/20/12	YXC	n/a	n/a	V3W1125

Run #1	Initial Volume
Run #1	148 ml
Run #2	50.0 ml

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	343 ^a	2.4	0.43	ppbv		815 ^a	5.7	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.80	0.097	ppbv		ND	1.8	ug/m3
71-43-2	78.11	Benzene	6.3	0.80	0.18	ppbv		20	2.6	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.80	0.12	ppbv		ND	5.4	ug/m3
75-25-2	252.8	Bromoform	ND	0.80	0.15	ppbv		ND	8.3	ug/m3
74-83-9	94.94	Bromomethane	ND	0.80	0.15	ppbv		ND	3.1	ug/m3
593-60-2	106.9	Bromoethene	ND	0.80	0.15	ppbv		ND	3.5	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.80	0.16	ppbv		ND	4.1	ug/m3
75-15-0	76.14	Carbon disulfide	3.3	0.80	0.13	ppbv		10	2.5	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.80	0.11	ppbv		ND	3.7	ug/m3
75-00-3	64.52	Chloroethane	ND	0.80	0.16	ppbv		ND	2.1	ug/m3
67-66-3	119.4	Chloroform	ND	0.80	0.11	ppbv		ND	3.9	ug/m3
74-87-3	50.49	Chloromethane	ND	0.80	0.15	ppbv		ND	1.7	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.80	0.17	ppbv		ND	2.5	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.80	0.12	ppbv		ND	4.1	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.80	0.16	ppbv		ND	5.0	ug/m3
110-82-7	84.16	Cyclohexane	3.4	0.80	0.13	ppbv		12	2.8	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.80	0.11	ppbv		ND	3.2	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.80	0.18	ppbv		ND	3.2	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.80	0.11	ppbv		ND	6.1	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.80	0.17	ppbv		ND	3.2	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.80	0.15	ppbv		ND	3.7	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.80	0.22	ppbv		ND	2.9	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.71	0.80	0.15	ppbv	J	3.5	4.0	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.80	0.11	ppbv		ND	6.8	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.80	0.13	ppbv		ND	3.2	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.80	0.15	ppbv		ND	3.2	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.80	0.17	ppbv		ND	3.6	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.80	0.15	ppbv		ND	4.8	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.80	0.11	ppbv		ND	4.8	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.80	0.10	ppbv		ND	4.8	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.80	0.16	ppbv		ND	3.6	ug/m3

ND = Not detected MDL - Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SV-01	
Lab Sample ID: JB9116-1	
Matrix: AIR - Soil Vapor Comp. Summa ID: A828	Date Sampled: 06/15/12
Method: TO-15	Date Received: 06/15/12
Project: Bluestone, 160th Street, Queens, NY	Percent Solids: n/a

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
64-17-5	46.07	Ethanol	10.8	2.0	0.38	ppbv		20.3	3.8	ug/m3
100-41-4	106.2	Ethylbenzene	9.1	0.80	0.12	ppbv		40	3.5	ug/m3
141-78-6	88	Ethyl Acetate	11.7	0.80	0.24	ppbv		42.1	2.9	ug/m3
622-96-8	120.2	4-Ethyltoluene	3.2	0.80	0.096	ppbv		16	3.9	ug/m3
76-13-1	187.4	Freon 113	ND	0.80	0.14	ppbv		ND	6.1	ug/m3
76-14-2	170.9	Freon 114	ND	0.80	0.12	ppbv		ND	5.6	ug/m3
142-82-5	100.2	Heptane	7.9	0.80	0.13	ppbv		32	3.3	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.80	0.18	ppbv		ND	8.5	ug/m3
110-54-3	86.17	Hexane	9.7	0.80	0.18	ppbv		34	2.8	ug/m3
591-78-6	100	2-Hexanone	13.6	0.80	0.17	ppbv		55.6	3.3	ug/m3
67-63-0	60.1	Isopropyl Alcohol	ND	0.80	0.23	ppbv		ND	2.0	ug/m3
75-09-2	84.94	Methylene chloride	ND	0.80	0.11	ppbv		ND	2.8	ug/m3
78-93-3	72.11	Methyl ethyl ketone	13.5	0.80	0.19	ppbv		39.8	2.4	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	19.9	0.80	0.14	ppbv		81.6	3.3	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.80	0.11	ppbv		ND	2.9	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	0.80	0.17	ppbv		ND	3.3	ug/m3
115-07-1	42	Propylene	28.9	2.0	0.28	ppbv		49.6	3.4	ug/m3
100-42-5	104.1	Styrene	ND	0.80	0.11	ppbv		ND	3.4	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.80	0.088	ppbv		ND	4.4	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.80	0.12	ppbv		ND	5.5	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.80	0.12	ppbv		ND	4.4	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.80	0.20	ppbv		ND	5.9	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	13.9	0.80	0.096	ppbv		68.3	3.9	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	4.1	0.80	0.11	ppbv		20	3.9	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	3.4	0.80	0.11	ppbv		16	3.7	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	2.4	0.80	0.13	ppbv		7.3	2.4	ug/m3
127-18-4	165.8	Tetrachloroethylene	3.1	0.16	0.11	ppbv		21	1.1	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.80	0.19	ppbv		ND	2.4	ug/m3
108-88-3	92.14	Toluene	52.0	0.80	0.16	ppbv		196	3.0	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.16	0.13	ppbv		ND	0.86	ug/m3
75-69-4	137.4	Trichlorofluoromethane	2.3	0.80	0.17	ppbv		13	4.5	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.80	0.13	ppbv		ND	2.0	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.80	0.23	ppbv		ND	2.8	ug/m3
	106.2	m,p-Xylene	41.3	0.80	0.12	ppbv		179	3.5	ug/m3
95-47-6	106.2	o-Xylene	13.6	0.80	0.12	ppbv		59.1	3.5	ug/m3
1330-20-7	106.2	Xylenes (total)	54.9	0.80	0.12	ppbv		238	3.5	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	92%	87%	65-128%

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SV-01		Date Sampled: 06/15/12
Lab Sample ID: JB9116-1		Date Received: 06/15/12
Matrix: AIR - Soil Vapor Comp. Summa ID: A828		Percent Solids: n/a
Method: TO-15		
Project: Bluestone, 160th Street, Queens, NY		

4.1
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CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
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(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SV-02		
Lab Sample ID: JB9116-2		Date Sampled: 06/15/12
Matrix: AIR - Soil Vapor Comp. Summa ID: A017		Date Received: 06/15/12
Method: TO-15		Percent Solids: n/a
Project: Bluestone, 160th Street, Queens, NY		

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #2	3W28821.D	1	06/19/12	YXC	n/a	n/a	V3W1124

Run #1	Initial Volume
Run #2	100 ml

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	142	0.80	0.15	ppbv		337	1.9	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.80	0.097	ppbv		ND	1.8	ug/m3
71-43-2	78.11	Benzene	3.7	0.80	0.18	ppbv		12	2.6	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.80	0.12	ppbv		ND	5.4	ug/m3
75-25-2	252.8	Bromoform	ND	0.80	0.15	ppbv		ND	8.3	ug/m3
74-83-9	94.94	Bromomethane	ND	0.80	0.15	ppbv		ND	3.1	ug/m3
593-60-2	106.9	Bromoethene	ND	0.80	0.15	ppbv		ND	3.5	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.80	0.16	ppbv		ND	4.1	ug/m3
75-15-0	76.14	Carbon disulfide	1.7	0.80	0.13	ppbv		5.3	2.5	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.80	0.11	ppbv		ND	3.7	ug/m3
75-00-3	64.52	Chloroethane	ND	0.80	0.16	ppbv		ND	2.1	ug/m3
67-66-3	119.4	Chloroform	ND	0.80	0.11	ppbv		ND	3.9	ug/m3
74-87-3	50.49	Chloromethane	ND	0.80	0.15	ppbv		ND	1.7	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.80	0.17	ppbv		ND	2.5	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.80	0.12	ppbv		ND	4.1	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.80	0.16	ppbv		ND	5.0	ug/m3
110-82-7	84.16	Cyclohexane	1.8	0.80	0.13	ppbv		6.2	2.8	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.80	0.11	ppbv		ND	3.2	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.80	0.18	ppbv		ND	3.2	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.80	0.11	ppbv		ND	6.1	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.80	0.17	ppbv		ND	3.2	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.80	0.15	ppbv		ND	3.7	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.80	0.22	ppbv		ND	2.9	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.54	0.80	0.15	ppbv	J	2.7	4.0	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.80	0.11	ppbv		ND	6.8	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.80	0.13	ppbv		ND	3.2	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.80	0.15	ppbv		ND	3.2	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.80	0.17	ppbv		ND	3.6	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.80	0.15	ppbv		ND	4.8	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.80	0.11	ppbv		ND	4.8	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.80	0.10	ppbv		ND	4.8	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.80	0.16	ppbv		ND	3.6	ug/m3

ND = Not detected MDL - Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SV-02	Date Sampled:	06/15/12
Lab Sample ID:	JB9116-2	Date Received:	06/15/12
Matrix:	AIR - Soil Vapor Comp. Summa ID: A017	Percent Solids:	n/a
Method:	TO-15		
Project:	Bluestone, 160th Street, Queens, NY		

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
64-17-5	46.07	Ethanol	11.9	2.0	0.38	ppbv		22.4	3.8	ug/m3
100-41-4	106.2	Ethylbenzene	6.4	0.80	0.12	ppbv		28	3.5	ug/m3
141-78-6	88	Ethyl Acetate	ND	0.80	0.24	ppbv		ND	2.9	ug/m3
622-96-8	120.2	4-Ethyltoluene	2.3	0.80	0.096	ppbv		11	3.9	ug/m3
76-13-1	187.4	Freon 113	ND	0.80	0.14	ppbv		ND	6.1	ug/m3
76-14-2	170.9	Freon 114	ND	0.80	0.12	ppbv		ND	5.6	ug/m3
142-82-5	100.2	Heptane	3.3	0.80	0.13	ppbv		14	3.3	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.80	0.18	ppbv		ND	8.5	ug/m3
110-54-3	86.17	Hexane	6.3	0.80	0.18	ppbv		22	2.8	ug/m3
591-78-6	100	2-Hexanone	8.0	0.80	0.17	ppbv		33	3.3	ug/m3
67-63-0	60.1	Isopropyl Alcohol	ND	0.80	0.23	ppbv		ND	2.0	ug/m3
75-09-2	84.94	Methylene chloride	3.4	0.80	0.11	ppbv		12	2.8	ug/m3
78-93-3	72.11	Methyl ethyl ketone	8.4	0.80	0.19	ppbv		25	2.4	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	12.1	0.80	0.14	ppbv		49.6	3.3	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.80	0.11	ppbv		ND	2.9	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	0.80	0.17	ppbv		ND	3.3	ug/m3
115-07-1	42	Propylene	13.2	2.0	0.28	ppbv		22.7	3.4	ug/m3
100-42-5	104.1	Styrene	ND	0.80	0.11	ppbv		ND	3.4	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.80	0.088	ppbv		ND	4.4	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.80	0.12	ppbv		ND	5.5	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.80	0.12	ppbv		ND	4.4	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.80	0.20	ppbv		ND	5.9	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	9.7	0.80	0.096	ppbv		48	3.9	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	2.9	0.80	0.11	ppbv		14	3.9	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	1.6	0.80	0.11	ppbv		7.5	3.7	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	1.3	0.80	0.13	ppbv		3.9	2.4	ug/m3
127-18-4	165.8	Tetrachloroethylene	1.4	0.16	0.11	ppbv		9.5	1.1	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.80	0.19	ppbv		ND	2.4	ug/m3
108-88-3	92.14	Toluene	32.8	0.80	0.16	ppbv		124	3.0	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.16	0.13	ppbv		ND	0.86	ug/m3
75-69-4	137.4	Trichlorofluoromethane	3.7	0.80	0.17	ppbv		21	4.5	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.80	0.13	ppbv		ND	2.0	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.80	0.23	ppbv		ND	2.8	ug/m3
	106.2	m,p-Xylene	29.3	0.80	0.12	ppbv		127	3.5	ug/m3
95-47-6	106.2	o-Xylene	9.5	0.80	0.12	ppbv		41	3.5	ug/m3
1330-20-7	106.2	Xylenes (total)	38.8	0.80	0.12	ppbv		169	3.5	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	93%		65-128%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SV-03		
Lab Sample ID: JB9116-3		Date Sampled: 06/15/12
Matrix: AIR - Soil Vapor Comp. Summa ID: A311		Date Received: 06/15/12
Method: TO-15		Percent Solids: n/a
Project: Bluestone, 160th Street, Queens, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3W28822.D	1	06/19/12	YXC	n/a	n/a	V3W1124
Run #2	3W28864.D	1	06/21/12	YXC	n/a	n/a	V3W1125

Run #	Initial Volume
Run #1	100 ml
Run #2	50.0 ml

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	182 ^a	1.6	0.29	ppbv		432 ^a	3.8	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.80	0.097	ppbv		ND	1.8	ug/m3
71-43-2	78.11	Benzene	3.6	0.80	0.18	ppbv		12	2.6	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.80	0.12	ppbv		ND	5.4	ug/m3
75-25-2	252.8	Bromoform	ND	0.80	0.15	ppbv		ND	8.3	ug/m3
74-83-9	94.94	Bromomethane	ND	0.80	0.15	ppbv		ND	3.1	ug/m3
593-60-2	106.9	Bromoethene	ND	0.80	0.15	ppbv		ND	3.5	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.80	0.16	ppbv		ND	4.1	ug/m3
75-15-0	76.14	Carbon disulfide	1.6	0.80	0.13	ppbv		5.0	2.5	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.80	0.11	ppbv		ND	3.7	ug/m3
75-00-3	64.52	Chloroethane	ND	0.80	0.16	ppbv		ND	2.1	ug/m3
67-66-3	119.4	Chloroform	ND	0.80	0.11	ppbv		ND	3.9	ug/m3
74-87-3	50.49	Chloromethane	ND	0.80	0.15	ppbv		ND	1.7	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.80	0.17	ppbv		ND	2.5	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.80	0.12	ppbv		ND	4.1	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.80	0.16	ppbv		ND	5.0	ug/m3
110-82-7	84.16	Cyclohexane	1.8	0.80	0.13	ppbv		6.2	2.8	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.80	0.11	ppbv		ND	3.2	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.80	0.18	ppbv		ND	3.2	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.80	0.11	ppbv		ND	6.1	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.80	0.17	ppbv		ND	3.2	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.80	0.15	ppbv		ND	3.7	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.80	0.22	ppbv		ND	2.9	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.61	0.80	0.15	ppbv	J	3.0	4.0	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.80	0.11	ppbv		ND	6.8	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.80	0.13	ppbv		ND	3.2	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.80	0.15	ppbv		ND	3.2	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.80	0.17	ppbv		ND	3.6	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.80	0.15	ppbv		ND	4.8	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.80	0.11	ppbv		ND	4.8	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.80	0.10	ppbv		ND	4.8	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.80	0.16	ppbv		ND	3.6	ug/m3

ND = Not detected MDL - Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SV-03	
Lab Sample ID: JB9116-3	
Matrix: AIR - Soil Vapor Comp. Summa ID: A311	Date Sampled: 06/15/12
Method: TO-15	Date Received: 06/15/12
Project: Bluestone, 160th Street, Queens, NY	Percent Solids: n/a

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
64-17-5	46.07	Ethanol	12.9	2.0	0.38	ppbv		24.3	3.8	ug/m3
100-41-4	106.2	Ethylbenzene	6.3	0.80	0.12	ppbv		27	3.5	ug/m3
141-78-6	88	Ethyl Acetate	1.3	0.80	0.24	ppbv		4.7	2.9	ug/m3
622-96-8	120.2	4-Ethyltoluene	2.2	0.80	0.096	ppbv		11	3.9	ug/m3
76-13-1	187.4	Freon 113	ND	0.80	0.14	ppbv		ND	6.1	ug/m3
76-14-2	170.9	Freon 114	ND	0.80	0.12	ppbv		ND	5.6	ug/m3
142-82-5	100.2	Heptane	3.5	0.80	0.13	ppbv		14	3.3	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.80	0.18	ppbv		ND	8.5	ug/m3
110-54-3	86.17	Hexane	5.9	0.80	0.18	ppbv		21	2.8	ug/m3
591-78-6	100	2-Hexanone	10.1	0.80	0.17	ppbv		41.3	3.3	ug/m3
67-63-0	60.1	Isopropyl Alcohol	1.8	0.80	0.23	ppbv		4.4	2.0	ug/m3
75-09-2	84.94	Methylene chloride	6.3	0.80	0.11	ppbv		22	2.8	ug/m3
78-93-3	72.11	Methyl ethyl ketone	9.0	0.80	0.19	ppbv		27	2.4	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	14.5	0.80	0.14	ppbv		59.4	3.3	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.80	0.11	ppbv		ND	2.9	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	0.80	0.17	ppbv		ND	3.3	ug/m3
115-07-1	42	Propylene	5.1	2.0	0.28	ppbv		8.8	3.4	ug/m3
100-42-5	104.1	Styrene	ND	0.80	0.11	ppbv		ND	3.4	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.80	0.088	ppbv		ND	4.4	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.80	0.12	ppbv		ND	5.5	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.80	0.12	ppbv		ND	4.4	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.80	0.20	ppbv		ND	5.9	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	10.2	0.80	0.096	ppbv		50.1	3.9	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	2.8	0.80	0.11	ppbv		14	3.9	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	1.5	0.80	0.11	ppbv		7.0	3.7	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	2.1	0.80	0.13	ppbv		6.4	2.4	ug/m3
127-18-4	165.8	Tetrachloroethylene	2.2	0.16	0.11	ppbv		15	1.1	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.80	0.19	ppbv		ND	2.4	ug/m3
108-88-3	92.14	Toluene	35.3	0.80	0.16	ppbv		133	3.0	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.16	0.13	ppbv		ND	0.86	ug/m3
75-69-4	137.4	Trichlorofluoromethane	4.5	0.80	0.17	ppbv		25	4.5	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.80	0.13	ppbv		ND	2.0	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.80	0.23	ppbv		ND	2.8	ug/m3
	106.2	m,p-Xylene	30.1	0.80	0.12	ppbv		131	3.5	ug/m3
95-47-6	106.2	o-Xylene	9.6	0.80	0.12	ppbv		42	3.5	ug/m3
1330-20-7	106.2	Xylenes (total)	39.7	0.80	0.12	ppbv		172	3.5	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	92%	90%	65-128%

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SV-03		Date Sampled: 06/15/12
Lab Sample ID: JB9116-3		Date Received: 06/15/12
Matrix: AIR - Soil Vapor Comp. Summa ID: A311		Percent Solids: n/a
Method: TO-15		
Project: Bluestone, 160th Street, Queens, NY		

4.3
4

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
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(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SV-04		
Lab Sample ID: JB9116-4		Date Sampled: 06/15/12
Matrix: AIR - Soil Vapor Comp. Summa ID: A460		Date Received: 06/15/12
Method: TO-15		Percent Solids: n/a
Project: Bluestone, 160th Street, Queens, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3W28823.D	1	06/19/12	YXC	n/a	n/a	V3W1124
Run #2	3W28865.D	1	06/21/12	YXC	n/a	n/a	V3W1125

Run #	Initial Volume
Run #1	100 ml
Run #2	50.0 ml

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	167 ^a	1.6	0.29	ppbv		397 ^a	3.8	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.80	0.097	ppbv		ND	1.8	ug/m3
71-43-2	78.11	Benzene	4.4	0.80	0.18	ppbv		14	2.6	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.80	0.12	ppbv		ND	5.4	ug/m3
75-25-2	252.8	Bromoform	ND	0.80	0.15	ppbv		ND	8.3	ug/m3
74-83-9	94.94	Bromomethane	ND	0.80	0.15	ppbv		ND	3.1	ug/m3
593-60-2	106.9	Bromoethene	ND	0.80	0.15	ppbv		ND	3.5	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.80	0.16	ppbv		ND	4.1	ug/m3
75-15-0	76.14	Carbon disulfide	3.0	0.80	0.13	ppbv		9.3	2.5	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.80	0.11	ppbv		ND	3.7	ug/m3
75-00-3	64.52	Chloroethane	ND	0.80	0.16	ppbv		ND	2.1	ug/m3
67-66-3	119.4	Chloroform	ND	0.80	0.11	ppbv		ND	3.9	ug/m3
74-87-3	50.49	Chloromethane	ND	0.80	0.15	ppbv		ND	1.7	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.80	0.17	ppbv		ND	2.5	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.80	0.12	ppbv		ND	4.1	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.80	0.16	ppbv		ND	5.0	ug/m3
110-82-7	84.16	Cyclohexane	1.9	0.80	0.13	ppbv		6.5	2.8	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.80	0.11	ppbv		ND	3.2	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.80	0.18	ppbv		ND	3.2	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.80	0.11	ppbv		ND	6.1	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.80	0.17	ppbv		ND	3.2	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.80	0.15	ppbv		ND	3.7	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.80	0.22	ppbv		ND	2.9	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.53	0.80	0.15	ppbv	J	2.6	4.0	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.80	0.11	ppbv		ND	6.8	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.80	0.13	ppbv		ND	3.2	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.80	0.15	ppbv		ND	3.2	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.80	0.17	ppbv		ND	3.6	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.80	0.15	ppbv		ND	4.8	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.80	0.11	ppbv		ND	4.8	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.80	0.10	ppbv		ND	4.8	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.80	0.16	ppbv		ND	3.6	ug/m3

ND = Not detected MDL - Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SV-04	
Lab Sample ID: JB9116-4	
Matrix: AIR - Soil Vapor Comp. Summa ID: A460	Date Sampled: 06/15/12
Method: TO-15	Date Received: 06/15/12
Project: Bluestone, 160th Street, Queens, NY	Percent Solids: n/a

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
64-17-5	46.07	Ethanol	9.1	2.0	0.38	ppbv		17	3.8	ug/m3
100-41-4	106.2	Ethylbenzene	6.9	0.80	0.12	ppbv		30	3.5	ug/m3
141-78-6	88	Ethyl Acetate	17.0	0.80	0.24	ppbv		61.2	2.9	ug/m3
622-96-8	120.2	4-Ethyltoluene	2.7	0.80	0.096	ppbv		13	3.9	ug/m3
76-13-1	187.4	Freon 113	ND	0.80	0.14	ppbv		ND	6.1	ug/m3
76-14-2	170.9	Freon 114	ND	0.80	0.12	ppbv		ND	5.6	ug/m3
142-82-5	100.2	Heptane	3.8	0.80	0.13	ppbv		16	3.3	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.80	0.18	ppbv		ND	8.5	ug/m3
110-54-3	86.17	Hexane	5.4	0.80	0.18	ppbv		19	2.8	ug/m3
591-78-6	100	2-Hexanone	10.3	0.80	0.17	ppbv		42.1	3.3	ug/m3
67-63-0	60.1	Isopropyl Alcohol	1.3	0.80	0.23	ppbv		3.2	2.0	ug/m3
75-09-2	84.94	Methylene chloride	3.7	0.80	0.11	ppbv		13	2.8	ug/m3
78-93-3	72.11	Methyl ethyl ketone	7.1	0.80	0.19	ppbv		21	2.4	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	14.7	0.80	0.14	ppbv		60.2	3.3	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.80	0.11	ppbv		ND	2.9	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	0.80	0.17	ppbv		ND	3.3	ug/m3
115-07-1	42	Propylene	19.5	2.0	0.28	ppbv		33.5	3.4	ug/m3
100-42-5	104.1	Styrene	ND	0.80	0.11	ppbv		ND	3.4	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.80	0.088	ppbv		ND	4.4	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.80	0.12	ppbv		ND	5.5	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.80	0.12	ppbv		ND	4.4	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.80	0.20	ppbv		ND	5.9	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	12.1	0.80	0.096	ppbv		59.5	3.9	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	3.5	0.80	0.11	ppbv		17	3.9	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	1.5	0.80	0.11	ppbv		7.0	3.7	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	1.9	0.80	0.13	ppbv		5.8	2.4	ug/m3
127-18-4	165.8	Tetrachloroethylene	16.3	0.16	0.11	ppbv		111	1.1	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.80	0.19	ppbv		ND	2.4	ug/m3
108-88-3	92.14	Toluene	38.6	0.80	0.16	ppbv		145	3.0	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.16	0.13	ppbv		ND	0.86	ug/m3
75-69-4	137.4	Trichlorofluoromethane	2.1	0.80	0.17	ppbv		12	4.5	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.80	0.13	ppbv		ND	2.0	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.80	0.23	ppbv		ND	2.8	ug/m3
	106.2	m,p-Xylene	33.9	0.80	0.12	ppbv		147	3.5	ug/m3
95-47-6	106.2	o-Xylene	10.8	0.80	0.12	ppbv		46.9	3.5	ug/m3
1330-20-7	106.2	Xylenes (total)	44.7	0.80	0.12	ppbv		194	3.5	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	102%	94%	65-128%

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SV-04		Date Sampled: 06/15/12
Lab Sample ID: JB9116-4		Date Received: 06/15/12
Matrix: AIR - Soil Vapor Comp. Summa ID: A460		Percent Solids: n/a
Method: TO-15		
Project: Bluestone, 160th Street, Queens, NY		

4.4
4

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
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(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Misc. Forms

5

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody
- Summa Canister and Flow Controller Log

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: JB9116 **Client:** _____ **Project:** _____
Date / Time Received: 6/15/2012 **Delivery Method:** _____ **Airbill #'s:** _____

Cooler Temps (Initial/Adjusted):

Cooler Security	<u>Y or N</u>		<u>Y or N</u>
1. Custody Seals Present:	<input checked="" type="checkbox"/> <input type="checkbox"/>	3. COC Present:	<input checked="" type="checkbox"/> <input type="checkbox"/>
2. Custody Seals Intact:	<input checked="" type="checkbox"/> <input type="checkbox"/>	4. SmpI Dates/Time OK	<input checked="" type="checkbox"/> <input type="checkbox"/>

Cooler Temperature	<u>Y or N</u>
1. Temp criteria achieved:	<input checked="" type="checkbox"/> <input type="checkbox"/>
2. Cooler temp verification:	_____
3. Cooler media:	_____
4. No. Coolers:	0

Quality Control Preservation	<u>Y</u>	<u>or</u>	<u>N</u>	<u>N/A</u>
1. Trip Blank present / cooler:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
2. Trip Blank listed on COC:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
3. Samples preserved properly:	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
4. VOCs headspace free:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Sample Integrity - Documentation	<u>Y</u>	<u>or</u>	<u>N</u>
1. Sample labels present on bottles:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2. Container labeling complete:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3. Sample container label / COC agree:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Sample Integrity - Condition	<u>Y</u>	<u>or</u>	<u>N</u>
1. Sample recvd within HT:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2. All containers accounted for:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3. Condition of sample:	Intact _____		

Sample Integrity - Instructions	<u>Y</u>	<u>or</u>	<u>N</u>	<u>N/A</u>
1. Analysis requested is clear:	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
2. Bottles received for unspecified tests	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
3. Sufficient volume recvd for analysis:	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
4. Compositing instructions clear:	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>
5. Filtering instructions clear:	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>

Comments

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5

Summa Canister and Flow Controller Log

Job Number: JB9116
Account: ERMNYW ERM, Inc.
Project: Bluestone, 160th Street, Queens, NY
Received: 06/15/12

SUMMA CANISTERS													
Shipping						Receiving							
Summa ID	Vac L	Date " Hg	Date Out	By	SCC Batch	SCC FileID	Sample Number	Date In	By	Vac " Hg	Pres psig	Final psig	Dil Fact
A828	6	29.4	06/11/12	RC	CP5480	3W28473.D	JB9116-1	06/18/12	RC	8		1.2	1.48
A017	6	29.4	06/11/12	RC	CP5495	3W28609.D	JB9116-2	06/18/12	RC	7			1
A311	6	29.4	06/11/12	RC	CP5457	3W28210.D	JB9116-3	06/18/12	RC	7			1
A460	6	29.4	06/11/12	RC	CP5458	3W28211.D	JB9116-4	06/18/12	RC	7			1

FLOW CONTROLLERS								
Shipping					Receiving			
Flow Ctrl ID	Date Out	By	cc/ min	Time hrs.	Date In	By	cc/ min	
FC162	06/11/12	RC	41	2	06/11/12	DR	41.3	
FC268	06/11/12	RC	41	2	06/18/12	RC	41.9	
FC367	06/11/12	RC	41	2	06/18/12	RC	41.9	
FC439	06/11/12	RC	41	2	06/18/12	RC	41.8	

Accutest Bottle Order(s):
 MC-6/8/2012-7

Prep Date **Room Temp(F)** **Bar Pres "Hg**
 06/11/12 70 29.92

5.2
5

Technical Report for

ERM, Inc.

Bluestone, 160th Street, Queens, NY

0166820

Accutest Job Number: JB9125

Sampling Date: 06/15/12

Report to:

ERM, Inc.

Christopher.OLeary@erm.com

ATTN: Christopher OLeary

Total number of pages in report: **108**



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.



Paul Ioannidis
Lab Director

Client Service contact: Tammy McCloskey 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, OH VAP (CL0056), PA, RI, SC, TN, VA, WV

This report shall not be reproduced, except in its entirety, without the written approval of Accutest Laboratories.
Test results relate only to samples analyzed.



July 5, 2012

Mr. Chris O'Leary
ERM, Inc.
40 Marcus Drive Suite 200
Melville, NY 11747

Re: Accutest Job # JB9125

Dear Mr. O'Leary,

The final report for Accutest job number JB9125 has been edited to reflect corrections to the final reports. These edits have been incorporated into the revised report attached.

Specifically, samples ID have been revised for JB9125-3 through JB9125-9, JB9125-12, JB9125-3F, JB9125-4F, JB9125-4D, JB9125-4S, JB9125-6D, JB9125-6S, JB9125-4FD, and JB9125-4FS per Mr. Andy Coenen request on July 3, 2012. The revised report has been reissued

Please contact me if I can be of further assistance in this matter.

Sincerely,

A handwritten signature in cursive script that reads "Tammy McCloskey".

Accutest Laboratories

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Sample Summary

ERM, Inc.

Job No: JB9125

Bluestone, 160th Street, Queens, NY
Project No: 0166820

Sample Number	Collected		Received	Matrix		Client Sample ID
	Date	Time By		Code	Type	
JB9125-1	06/15/12	13:15 KP	06/15/12	AQ	Trip Blank Water	TB061512
JB9125-2	06/15/12	10:40 KP	06/15/12	AQ	Field Blank Water	FB061512
JB9125-3	06/15/12	12:45 KP	06/15/12	AQ	Ground Water	GW-07 (38-44)
JB9125-3F	06/15/12	12:45 KP	06/15/12	AQ	Groundwater Filtered	GW-07 (38-44)
JB9125-4	06/15/12	11:00 KP	06/15/12	AQ	Ground Water	GW-08 (37-44)
JB9125-4D	06/15/12	11:00 KP	06/15/12	AQ	Water Dup/MSD	GW-08 (37-44)(MSD)
JB9125-4F	06/15/12	11:00 KP	06/15/12	AQ	Groundwater Filtered	GW-08 (37-44)
JB9125-4FD	06/15/12	11:00 KP	06/15/12	AQ	Water Dup/MSD	GW-08 (37-44)(MSD)
JB9125-4FS	06/15/12	11:00 KP	06/15/12	AQ	Water Matrix Spike	GW-08 (37-44)(MS)
JB9125-4S	06/15/12	11:00 KP	06/15/12	AQ	Water Matrix Spike	GW-08 (37-44)(MS)
JB9125-5	06/15/12	13:15 KP	06/15/12	SO	Soil	SB-07 (13-15)
JB9125-6	06/15/12	12:20 KP	06/15/12	SO	Soil	SB-08 (13-16)
JB9125-6D	06/15/12	12:20 KP	06/15/12	SO	Soil Dup/MSD	SB-08 (13-16)(MSD)

Soil samples reported on a dry weight basis unless otherwise indicated on result page.



Sample Summary

(continued)

ERM, Inc.

Job No: JB9125

Bluestone, 160th Street, Queens, NY

Project No: 0166820

Sample Number	Collected		Received	Matrix		Client Sample ID
	Date	Time By		Code	Type	
JB9125-6S	06/15/12	12:20 KP	06/15/12	SO	Soil Matrix Spike	SB-08 (13-16)(MS)
JB9125-7	06/15/12	12:55 KP	06/15/12	SO	Soil	SB-10 (13-15)
JB9125-8	06/15/12	12:40 KP	06/15/12	SO	Soil	SB-11 (13-15)
JB9125-9	06/15/12	09:19 KP	06/15/12	SO	Soil	SB-12 (13-15)
JB9125-10	06/15/12	00:00 KP	06/15/12	AQ	Ground Water	DUP061512
JB9125-10F	06/15/12	00:00 KP	06/15/12	AQ	Groundwater Filtered	DUP061512
JB9125-11	06/15/12	00:00 KP	06/15/12	SO	Soil	DUP061512B
JB9125-12	06/15/12	11:00 KP	06/15/12	SO	Soil	SB-09

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

CASE NARRATIVE / CONFORMANCE SUMMARY

Client: ERM, Inc.

Job No JB9125

Site: Bluestone, 160th Street, Queens, NY

Report Date 6/29/2012 4:43:03 PM

On 06/15/2012, 10 Sample(s), 1 Trip Blank(s) and 1 Field Blank(s) were received at Accutest Laboratories at a temperature of 4 C. Samples were intact and chemically preserved, unless noted below. An Accutest Job Number of JB9125 was assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

Volatiles by GCMS By Method SW846 8260B

Matrix: AQ

Batch ID: V1C4654

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JB9125-4MS, JB9125-4MSD were used as the QC samples indicated.

Matrix: SO

Batch ID: VV5499

- All samples were analyzed within the recommended method holding time.
- Sample(s) JB9125-8MS, JB9125-8MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.

Matrix: SO

Batch ID: VV5500

- All samples were analyzed within the recommended method holding time.
- Sample(s) JB9125-6MS, JB9125-6MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.

Extractables by GCMS By Method SW846 8270D

Matrix: AQ **Batch ID:** OP57756

- All samples were extracted within the recommended method holding time.
- Sample(s) JB9125-4MS, JB9125-4MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- Matrix Spike Recovery(s) for 2-Nitroaniline, 3,3'-Dichlorobenzidine, 4-Nitroaniline, Nitrobenzene are outside control limits. Outside control limits due to matrix interference.
- Matrix Spike Duplicate Recovery(s) for 2-Nitroaniline, 4-Nitroaniline, 3,3'-Dichlorobenzidine are outside control limits. Outside control limits due to matrix interference.
- RPD(s) for MSD for 3,3'-Dichlorobenzidine, 2,3,4,6-Tetrachlorophenol, 2,4,5-Trichlorophenol, 2,4,6-Trichlorophenol, 2,4-Dichlorophenol, 2,4-Dinitrophenol, 2-Chlorophenol, 2-Nitrophenol, 4,6-Dinitro-o-cresol, 4-Nitrophenol, Pentachlorophenol are outside control limits for sample OP57756-MSD.

Matrix: AQ **Batch ID:** OP57781

- All samples were extracted within the recommended method holding time.
- Sample(s) JB9200-1MS, JB9200-1MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- RPD(s) for MSD for bis(2-Chloroisopropyl)ether are outside control limits for sample OP57781-MSD. Outside control limits due to matrix interference.

Matrix: SO **Batch ID:** OP57755

- All samples were extracted within the recommended method holding time.
- Sample(s) JB9125-6MS, JB9125-6MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- RPD(s) for MSD for bis(2-Ethylhexyl)phthalate are outside control limits for sample OP57755-MSD.

Extractables by GC By Method SW846 8081B

Matrix: AQ **Batch ID:** OP57760

- All samples were extracted within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JB9125-4MS, JB9125-4MSD, OP57760-MSMSD were used as the QC samples indicated.

Matrix: SO **Batch ID:** OP57753

- All samples were extracted within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JB9125-6MS, JB9125-6MSD, OP57753-MSMSD were used as the QC samples indicated.

Extractables by GC By Method SW846 8082A

Matrix: AQ **Batch ID:** OP57759

- All samples were extracted within the recommended method holding time.
- Sample(s) JB9125-4MS, JB9125-4MSD, OP57759-MSMSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- OP57759-MS for Tetrachloro-m-xylene: Outside control limits due to matrix interference.

Matrix: SO **Batch ID:** OP57752

- All samples were extracted within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JB9125-6MS, JB9125-6MSD, OP57752-MSMSD were used as the QC samples indicated.

Metals By Method SW846 6010C

Matrix: AQ**Batch ID:** MP65077

- All samples were digested within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JB9125-4FMS, JB9125-4FMSD, JB9125-4FSDL were used as the QC samples for metals.
- RPD(s) for Serial Dilution for Antimony, Cadmium, Copper, Lead, Selenium, Silver, Vanadium are outside control limits for sample MP65077-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
- MP65077-SD1 for Nickel: Serial dilution indicates possible matrix interference.

Matrix: SO**Batch ID:** MP65065

- All samples were digested within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JB9125-6MS, JB9125-6MSD, JB9125-6SDL were used as the QC samples for metals.
- Matrix Spike Recovery(s) for Antimony, Manganese are outside control limits. Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.
- Matrix Spike Duplicate Recovery(s) for Antimony are outside control limits. Probable cause due to matrix interference.
- RPD(s) for Serial Dilution for Antimony, Arsenic, Beryllium, Cadmium, Silver, Zinc are outside control limits for sample MP65065-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
- MP65065-SD1 for Zinc: Serial dilution indicates possible matrix interference.

Metals By Method SW846 7470A

Matrix: AQ**Batch ID:** MP65148

- All samples were digested within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JB9125-4FMS, JB9125-4FMSD were used as the QC samples for metals.

Metals By Method SW846 7471B

Matrix: SO**Batch ID:** MP65174

- All samples were digested within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JB9125-6MS, JB9125-6MSD were used as the QC samples for metals.

Wet Chemistry By Method SM18 2540G

Matrix: SO**Batch ID:** GN67910

- The data for SM18 2540G meets quality control requirements.

Accutest certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting Accutest's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

Accutest Laboratories is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. Data release is authorized by Accutest Laboratories indicated via signature on the report cover

Summary of Hits

Job Number: JB9125
Account: ERM, Inc.
Project: Bluestone, 160th Street, Queens, NY
Collected: 06/15/12



Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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JB9125-1 TB061512

< no hits reported in this sample >

JB9125-2 FB061512

< no hits reported in this sample >

JB9125-3 GW-07 (38-44)

Chloroform	0.25 J	1.0	0.20	ug/l	SW846 8260B
Tetrachloroethene	0.48 J	1.0	0.28	ug/l	SW846 8260B
Acetophenone	0.59 J	2.0	0.29	ug/l	SW846 8270D

JB9125-3F GW-07 (38-44)

Calcium	70400	5000	39	ug/l	SW846 6010C
Magnesium	13700	5000	16	ug/l	SW846 6010C
Manganese	3600	15	0.12	ug/l	SW846 6010C
Nickel	33.5	10	0.94	ug/l	SW846 6010C
Sodium	109000	10000	13	ug/l	SW846 6010C

JB9125-4 GW-08 (37-44)

Toluene	0.26 J	1.0	0.23	ug/l	SW846 8260B
Acetophenone	0.69 J	2.2	0.32	ug/l	SW846 8270D
alpha-Chlordane	0.049	0.010	0.0050	ug/l	SW846 8081B
gamma-Chlordane	0.057	0.010	0.0023	ug/l	SW846 8081B

JB9125-4F GW-08 (37-44)

Calcium	84900	5000	39	ug/l	SW846 6010C
Magnesium	17800	5000	16	ug/l	SW846 6010C
Manganese	2030	15	0.12	ug/l	SW846 6010C
Nickel	26.5	10	0.94	ug/l	SW846 6010C
Sodium	113000	10000	13	ug/l	SW846 6010C

JB9125-5 SB-07 (13-15)

Acetone	10.6 J	12	2.0	ug/kg	SW846 8260B
Aluminum	3390	51	0.75	mg/kg	SW846 6010C
Arsenic	2.3	2.0	0.11	mg/kg	SW846 6010C
Barium	28.7	20	0.035	mg/kg	SW846 6010C
Beryllium	0.38	0.20	0.020	mg/kg	SW846 6010C
Calcium	664	510	2.0	mg/kg	SW846 6010C

Summary of Hits

Job Number: JB9125
Account: ERM, Inc.
Project: Bluestone, 160th Street, Queens, NY
Collected: 06/15/12



Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Chromium		12.8	1.0	0.11	mg/kg	SW846 6010C
Copper		7.7	2.5	0.092	mg/kg	SW846 6010C
Iron		31700	51	0.80	mg/kg	SW846 6010C
Magnesium		1060	510	3.1	mg/kg	SW846 6010C
Manganese		422	1.5	0.041	mg/kg	SW846 6010C
Nickel		7.1	4.1	0.11	mg/kg	SW846 6010C
Vanadium		22.4	5.1	0.049	mg/kg	SW846 6010C
Zinc		16.8	2.0	0.096	mg/kg	SW846 6010C

JB9125-6 SB-08 (13-16)

Acetone		13.0	12	2.1	ug/kg	SW846 8260B
Acenaphthene		41.1	31	9.0	ug/kg	SW846 8270D
Anthracene		84.2	31	11	ug/kg	SW846 8270D
Benzo(a)anthracene		231	31	10	ug/kg	SW846 8270D
Benzo(a)pyrene		215	31	9.5	ug/kg	SW846 8270D
Benzo(b)fluoranthene		284	31	10	ug/kg	SW846 8270D
Benzo(g,h,i)perylene		146	31	12	ug/kg	SW846 8270D
Benzo(k)fluoranthene		90.1	31	12	ug/kg	SW846 8270D
Carbazole		47.1 J	62	14	ug/kg	SW846 8270D
Chrysene		234	31	10	ug/kg	SW846 8270D
Dibenzo(a,h)anthracene		36.4	31	11	ug/kg	SW846 8270D
Dibenzofuran		22.3 J	62	9.2	ug/kg	SW846 8270D
Fluoranthene		510	31	14	ug/kg	SW846 8270D
Fluorene		39.1	31	10	ug/kg	SW846 8270D
Indeno(1,2,3-cd)pyrene		132	31	11	ug/kg	SW846 8270D
Naphthalene		23.3 J	31	8.5	ug/kg	SW846 8270D
Phenanthrene		400	31	14	ug/kg	SW846 8270D
Pyrene		462	31	12	ug/kg	SW846 8270D
Aluminum		3900	53	0.78	mg/kg	SW846 6010C
Beryllium		0.27	0.21	0.021	mg/kg	SW846 6010C
Calcium		1040	530	2.1	mg/kg	SW846 6010C
Chromium		18.4	1.1	0.12	mg/kg	SW846 6010C
Copper		9.3	2.6	0.095	mg/kg	SW846 6010C
Iron		12200	53	0.83	mg/kg	SW846 6010C
Lead		6.6	2.1	0.12	mg/kg	SW846 6010C
Magnesium		1360	530	3.2	mg/kg	SW846 6010C
Manganese		195	1.6	0.042	mg/kg	SW846 6010C
Nickel		9.4	4.2	0.11	mg/kg	SW846 6010C
Vanadium		14.4	5.3	0.051	mg/kg	SW846 6010C
Zinc		15.9	2.1	0.099	mg/kg	SW846 6010C

JB9125-7 SB-10 (13-15)

Acetone		15.6	11	1.8	ug/kg	SW846 8260B
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Summary of Hits

Job Number: JB9125
Account: ERM, Inc.
Project: Bluestone, 160th Street, Queens, NY
Collected: 06/15/12

Lab Sample ID	Client Sample ID	Result/ Analyte	RL	MDL	Units	Method	
		Aluminum	2880	55	0.81	mg/kg	SW846 6010C
		Calcium	550	550	2.1	mg/kg	SW846 6010C
		Chromium	8.1	1.1	0.12	mg/kg	SW846 6010C
		Copper	7.4	2.7	0.099	mg/kg	SW846 6010C
		Iron	14000	55	0.86	mg/kg	SW846 6010C
		Magnesium	893	550	3.4	mg/kg	SW846 6010C
		Manganese	260	1.6	0.044	mg/kg	SW846 6010C
		Nickel	6.0	4.4	0.12	mg/kg	SW846 6010C
		Vanadium	14.2	5.5	0.053	mg/kg	SW846 6010C
		Zinc	12.1	2.2	0.10	mg/kg	SW846 6010C
JB9125-8	SB-11 (13-15)						
		Acetone	8.3 J	11	1.8	ug/kg	SW846 8260B
		Aluminum	3080	53	0.79	mg/kg	SW846 6010C
		Beryllium	0.21	0.21	0.021	mg/kg	SW846 6010C
		Calcium	580	530	2.1	mg/kg	SW846 6010C
		Chromium	8.1	1.1	0.12	mg/kg	SW846 6010C
		Copper	9.3	2.7	0.096	mg/kg	SW846 6010C
		Iron	12500	53	0.84	mg/kg	SW846 6010C
		Magnesium	1100	530	3.3	mg/kg	SW846 6010C
		Manganese	174	1.6	0.043	mg/kg	SW846 6010C
		Nickel	5.9	4.3	0.11	mg/kg	SW846 6010C
		Vanadium	12.7	5.3	0.051	mg/kg	SW846 6010C
		Zinc	16.2	2.1	0.10	mg/kg	SW846 6010C
JB9125-9	SB-12 (13-15)						
		Acetone	18.9	11	1.9	ug/kg	SW846 8260B
		Methylene chloride	6.8	5.6	1.4	ug/kg	SW846 8260B
		Benzo(a)anthracene	50.3	31	10	ug/kg	SW846 8270D
		Benzo(a)pyrene	64.1	31	9.3	ug/kg	SW846 8270D
		Benzo(b)fluoranthene	76.2	31	10	ug/kg	SW846 8270D
		Benzo(g,h,i)perylene	41.3	31	11	ug/kg	SW846 8270D
		Benzo(k)fluoranthene	32.3	31	11	ug/kg	SW846 8270D
		Chrysene	50.5	31	10	ug/kg	SW846 8270D
		Dibenzo(a,h)anthracene	14.6 J	31	10	ug/kg	SW846 8270D
		Fluoranthene	57.4	31	13	ug/kg	SW846 8270D
		Indeno(1,2,3-cd)pyrene	38.3	31	11	ug/kg	SW846 8270D
		Phenanthrene	28.4 J	31	14	ug/kg	SW846 8270D
		Pyrene	61.1	31	12	ug/kg	SW846 8270D
		alpha-Chlordane	1.8	0.72	0.47	ug/kg	SW846 8081B
		gamma-Chlordane	1.9	0.72	0.37	ug/kg	SW846 8081B
		Dieldrin	0.81	0.72	0.56	ug/kg	SW846 8081B
		Aluminum	3900	52	0.78	mg/kg	SW846 6010C

Summary of Hits

Job Number: JB9125
Account: ERM, Inc.
Project: Bluestone, 160th Street, Queens, NY
Collected: 06/15/12



Lab Sample ID	Client Sample ID	Result/ Analyte	RL	MDL	Units	Method
		Barium	35.2	21	0.036	mg/kg SW846 6010C
		Beryllium	0.28	0.21	0.021	mg/kg SW846 6010C
		Calcium	4510	520	2.0	mg/kg SW846 6010C
		Chromium	12.3	1.0	0.12	mg/kg SW846 6010C
		Copper	12.7	2.6	0.094	mg/kg SW846 6010C
		Iron	16600	52	0.82	mg/kg SW846 6010C
		Lead	21.4	2.1	0.12	mg/kg SW846 6010C
		Magnesium	1560	520	3.2	mg/kg SW846 6010C
		Manganese	267	1.6	0.042	mg/kg SW846 6010C
		Mercury	0.044	0.031	0.012	mg/kg SW846 7471B
		Nickel	13.7	4.2	0.11	mg/kg SW846 6010C
		Silver	0.71	0.52	0.065	mg/kg SW846 6010C
		Vanadium	23.9	5.2	0.050	mg/kg SW846 6010C
		Zinc	35.8	2.1	0.098	mg/kg SW846 6010C
JB9125-10	DUP061512					
		Tetrachloroethene	0.34 J	1.0	0.28	ug/l SW846 8260B
JB9125-10F	DUP061512					
		Calcium	69500	5000	39	ug/l SW846 6010C
		Magnesium	13600	5000	16	ug/l SW846 6010C
		Manganese	3330	15	0.12	ug/l SW846 6010C
		Nickel	32.7	10	0.94	ug/l SW846 6010C
		Sodium	108000	10000	13	ug/l SW846 6010C
JB9125-11	DUP061512B					
		Acetone	18.9	12	2.1	ug/kg SW846 8260B
		Aluminum	2700	51	0.76	mg/kg SW846 6010C
		Chromium	8.8	1.0	0.12	mg/kg SW846 6010C
		Copper	6.6	2.6	0.092	mg/kg SW846 6010C
		Iron	12400	51	0.80	mg/kg SW846 6010C
		Magnesium	884	510	3.1	mg/kg SW846 6010C
		Manganese	393	1.5	0.041	mg/kg SW846 6010C
		Nickel	6.4	4.1	0.11	mg/kg SW846 6010C
		Vanadium	13.8	5.1	0.049	mg/kg SW846 6010C
		Zinc	12.5	2.0	0.096	mg/kg SW846 6010C
JB9125-12	SB-09					
		Acetone	19.3	12	2.1	ug/kg SW846 8260B
		Aluminum	2950	53	0.78	mg/kg SW846 6010C
		Barium	23.8	21	0.036	mg/kg SW846 6010C

Summary of Hits

Job Number: JB9125
Account: ERM, Inc.
Project: Bluestone, 160th Street, Queens, NY
Collected: 06/15/12



Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
		0.23	0.21	0.021	mg/kg	SW846 6010C
		912	530	2.1	mg/kg	SW846 6010C
		11.1	1.1	0.12	mg/kg	SW846 6010C
		16.2	2.6	0.095	mg/kg	SW846 6010C
		19100	53	0.83	mg/kg	SW846 6010C
		993	530	3.2	mg/kg	SW846 6010C
		307	1.6	0.042	mg/kg	SW846 6010C
		0.11	0.035	0.013	mg/kg	SW846 7471B
		6.5	4.2	0.11	mg/kg	SW846 6010C
		24.6	5.3	0.051	mg/kg	SW846 6010C
		14.5	2.1	0.099	mg/kg	SW846 6010C

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID: TB061512		Date Sampled: 06/15/12
Lab Sample ID: JB9125-1		Date Received: 06/15/12
Matrix: AQ - Trip Blank Water		Percent Solids: n/a
Method: SW846 8260B		
Project: Bluestone, 160th Street, Queens, NY		

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C105094.D	1	06/20/12	VM	n/a	n/a	V1C4654
Run #2							

Run #1	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.3	ug/l	
71-43-2	Benzene	ND	1.0	0.24	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.30	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.21	ug/l	
75-25-2	Bromoform	ND	4.0	0.21	ug/l	
74-83-9	Bromomethane	ND	2.0	0.22	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.4	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.19	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.22	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.23	ug/l	
75-00-3	Chloroethane	ND	1.0	0.26	ug/l	
67-66-3	Chloroform	ND	1.0	0.20	ug/l	
74-87-3	Chloromethane	ND	1.0	0.21	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.35	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	0.54	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.14	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.20	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.22	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.30	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.27	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.11	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.26	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.19	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.19	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.21	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.48	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
123-91-1	1,4-Dioxane	ND	130	75	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.23	ug/l	
76-13-1	Freon 113	ND	5.0	0.53	ug/l	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: TB061512	Date Sampled: 06/15/12
Lab Sample ID: JB9125-1	Date Received: 06/15/12
Matrix: AQ - Trip Blank Water	Percent Solids: n/a
Method: SW846 8260B	
Project: Bluestone, 160th Street, Queens, NY	

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	5.0	1.1	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.45	ug/l	
79-20-9	Methyl Acetate	ND	5.0	1.2	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.26	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.16	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	0.83	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.70	ug/l	
100-42-5	Styrene	ND	5.0	0.21	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.21	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.28	ug/l	
108-88-3	Toluene	ND	1.0	0.23	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.28	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.29	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.22	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.27	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.21	ug/l	
	m,p-Xylene	ND	1.0	0.42	ug/l	
95-47-6	o-Xylene	ND	1.0	0.24	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.24	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	91%		81-121%
17060-07-0	1,2-Dichloroethane-D4	101%		74-127%
2037-26-5	Toluene-D8	100%		80-122%
460-00-4	4-Bromofluorobenzene	92%		78-116%

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: FB061512		Date Sampled: 06/15/12
Lab Sample ID: JB9125-2		Date Received: 06/15/12
Matrix: AQ - Field Blank Water		Percent Solids: n/a
Method: SW846 8260B		
Project: Bluestone, 160th Street, Queens, NY		

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C105095.D	1	06/20/12	VM	n/a	n/a	V1C4654
Run #2							

Run #1	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.3	ug/l	
71-43-2	Benzene	ND	1.0	0.24	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.30	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.21	ug/l	
75-25-2	Bromoform	ND	4.0	0.21	ug/l	
74-83-9	Bromomethane	ND	2.0	0.22	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.4	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.19	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.22	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.23	ug/l	
75-00-3	Chloroethane	ND	1.0	0.26	ug/l	
67-66-3	Chloroform	ND	1.0	0.20	ug/l	
74-87-3	Chloromethane	ND	1.0	0.21	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.35	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	0.54	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.14	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.20	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.22	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.30	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.27	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.11	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.26	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.19	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.19	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.21	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.48	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
123-91-1	1,4-Dioxane	ND	130	75	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.23	ug/l	
76-13-1	Freon 113	ND	5.0	0.53	ug/l	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: FB061512	
Lab Sample ID: JB9125-2	Date Sampled: 06/15/12
Matrix: AQ - Field Blank Water	Date Received: 06/15/12
Method: SW846 8260B	Percent Solids: n/a
Project: Bluestone, 160th Street, Queens, NY	

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	5.0	1.1	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.45	ug/l	
79-20-9	Methyl Acetate	ND	5.0	1.2	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.26	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.16	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	0.83	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.70	ug/l	
100-42-5	Styrene	ND	5.0	0.21	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.21	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.28	ug/l	
108-88-3	Toluene	ND	1.0	0.23	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.28	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.29	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.22	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.27	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.21	ug/l	
	m,p-Xylene	ND	1.0	0.42	ug/l	
95-47-6	o-Xylene	ND	1.0	0.24	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.24	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	91%		81-121%
17060-07-0	1,2-Dichloroethane-D4	103%		74-127%
2037-26-5	Toluene-D8	101%		80-122%
460-00-4	4-Bromofluorobenzene	91%		78-116%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: FB061512		Date Sampled: 06/15/12
Lab Sample ID: JB9125-2		Date Received: 06/15/12
Matrix: AQ - Field Blank Water		Percent Solids: n/a
Method: SW846 8270D SW846 3510C		
Project: Bluestone, 160th Street, Queens, NY		

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R93325.D	1	06/22/12	OYA	06/18/12	OP57756	ER3642
Run #2							

Run #1	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.0	0.97	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	1.8	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	1.2	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	1.5	ug/l	
51-28-5	2,4-Dinitrophenol	ND	20	17	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	20	0.99	ug/l	
95-48-7	2-Methylphenol	ND	2.0	1.0	ug/l	
	3&4-Methylphenol	ND	2.0	0.93	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	1.5	ug/l	
100-02-7	4-Nitrophenol	ND	10	5.2	ug/l	
87-86-5	Pentachlorophenol	ND	10	1.4	ug/l	
108-95-2	Phenol	ND	2.0	1.3	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	0.94	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	1.6	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	1.3	ug/l	
83-32-9	Acenaphthene	ND	1.0	0.26	ug/l	
208-96-8	Acenaphthylene	ND	1.0	0.23	ug/l	
98-86-2	Acetophenone	ND	2.0	0.29	ug/l	
120-12-7	Anthracene	ND	1.0	0.29	ug/l	
1912-24-9	Atrazine	ND	5.0	0.49	ug/l	
100-52-7	Benzaldehyde	ND	5.0	3.3	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.0	0.23	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.0	0.23	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.0	0.46	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	0.32	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.0	0.51	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.36	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.0	0.29	ug/l	
92-52-4	1,1'-Biphenyl	ND	1.0	0.30	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.0	0.30	ug/l	
106-47-8	4-Chloroaniline	ND	5.0	0.53	ug/l	
86-74-8	Carbazole	ND	1.0	0.36	ug/l	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FB061512	Date Sampled:	06/15/12
Lab Sample ID:	JB9125-2	Date Received:	06/15/12
Matrix:	AQ - Field Blank Water	Percent Solids:	n/a
Method:	SW846 8270D SW846 3510C		
Project:	Bluestone, 160th Street, Queens, NY		

ABN TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	2.0	0.69	ug/l	
218-01-9	Chrysene	ND	1.0	0.29	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	0.31	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.0	0.31	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.0	0.45	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.31	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	2.0	0.43	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	2.0	0.46	ug/l	
91-94-1	3,3' -Dichlorobenzidine	ND	5.0	0.36	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.38	ug/l	
132-64-9	Dibenzofuran	ND	5.0	0.27	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.0	0.56	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.0	0.31	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	0.33	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	0.28	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	0.59	ug/l	
206-44-0	Fluoranthene	ND	1.0	0.32	ug/l	
86-73-7	Fluorene	ND	1.0	0.28	ug/l	
118-74-1	Hexachlorobenzene	ND	1.0	0.34	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.51	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	10	7.1	ug/l	
67-72-1	Hexachloroethane	ND	2.0	0.55	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.0	0.37	ug/l	
78-59-1	Isophorone	ND	2.0	0.27	ug/l	
91-57-6	2-Methylnaphthalene	ND	1.0	0.38	ug/l	
88-74-4	2-Nitroaniline	ND	5.0	1.1	ug/l	
99-09-2	3-Nitroaniline	ND	5.0	1.3	ug/l	
100-01-6	4-Nitroaniline	ND	5.0	1.7	ug/l	
91-20-3	Naphthalene	ND	1.0	0.26	ug/l	
98-95-3	Nitrobenzene	ND	2.0	0.42	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.0	0.30	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	0.31	ug/l	
85-01-8	Phenanthrene	ND	1.0	0.29	ug/l	
129-00-0	Pyrene	ND	1.0	0.27	ug/l	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	2.0	0.31	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	48%		10-83%
4165-62-2	Phenol-d5	25%		10-74%

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: FB061512 Lab Sample ID: JB9125-2 Matrix: AQ - Field Blank Water Method: SW846 8270D SW846 3510C Project: Bluestone, 160th Street, Queens, NY	Date Sampled: 06/15/12 Date Received: 06/15/12 Percent Solids: n/a
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ABN TCL List (SOM0 1.1)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
118-79-6	2,4,6-Tribromophenol	102%		24-148%
4165-60-0	Nitrobenzene-d5	87%		38-129%
321-60-8	2-Fluorobiphenyl	91%		42-117%
1718-51-0	Terphenyl-d14	100%		14-132%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

4.2
4

Report of Analysis

Client Sample ID: FB061512		Date Sampled: 06/15/12
Lab Sample ID: JB9125-2		Date Received: 06/15/12
Matrix: AQ - Field Blank Water		Percent Solids: n/a
Method: SW846 8082A SW846 3510C		
Project: Bluestone, 160th Street, Queens, NY		

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF110183.D	1	06/19/12	GAD	06/18/12	OP57759	GEF4512
Run #2							

Run #1	Initial Volume	Final Volume
Run #1	940 ml	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.53	0.14	ug/l	
11104-28-2	Aroclor 1221	ND	0.53	0.29	ug/l	
11141-16-5	Aroclor 1232	ND	0.53	0.41	ug/l	
53469-21-9	Aroclor 1242	ND	0.53	0.091	ug/l	
12672-29-6	Aroclor 1248	ND	0.53	0.15	ug/l	
11097-69-1	Aroclor 1254	ND	0.53	0.15	ug/l	
11096-82-5	Aroclor 1260	ND	0.53	0.22	ug/l	
11100-14-4	Aroclor 1268	ND	0.53	0.14	ug/l	
37324-23-5	Aroclor 1262	ND	0.53	0.064	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	106%		27-144%
877-09-8	Tetrachloro-m-xylene	114%		27-144%
2051-24-3	Decachlorobiphenyl	57%		10-139%
2051-24-3	Decachlorobiphenyl	67%		10-139%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

4.2
4

Report of Analysis

Client Sample ID: FB061512 Lab Sample ID: JB9125-2 Matrix: AQ - Field Blank Water Project: Bluestone, 160th Street, Queens, NY	Date Sampled: 06/15/12 Date Received: 06/15/12 Percent Solids: n/a
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Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	< 200	200	ug/l	1	06/20/12	06/21/12 BL	SW846 6010C ¹	SW846 3010A ⁴
Antimony	< 6.0	6.0	ug/l	1	06/20/12	06/21/12 BL	SW846 6010C ¹	SW846 3010A ⁴
Arsenic	< 3.0	3.0	ug/l	1	06/20/12	06/21/12 BL	SW846 6010C ¹	SW846 3010A ⁴
Barium	< 200	200	ug/l	1	06/20/12	06/21/12 BL	SW846 6010C ¹	SW846 3010A ⁴
Beryllium	< 1.0	1.0	ug/l	1	06/20/12	06/21/12 BL	SW846 6010C ¹	SW846 3010A ⁴
Cadmium	< 3.0	3.0	ug/l	1	06/20/12	06/21/12 BL	SW846 6010C ¹	SW846 3010A ⁴
Calcium	< 5000	5000	ug/l	1	06/20/12	06/21/12 BL	SW846 6010C ¹	SW846 3010A ⁴
Chromium	< 10	10	ug/l	1	06/20/12	06/21/12 BL	SW846 6010C ¹	SW846 3010A ⁴
Cobalt	< 50	50	ug/l	1	06/20/12	06/21/12 BL	SW846 6010C ¹	SW846 3010A ⁴
Copper	< 10	10	ug/l	1	06/20/12	06/21/12 BL	SW846 6010C ¹	SW846 3010A ⁴
Iron	< 100	100	ug/l	1	06/20/12	06/21/12 BL	SW846 6010C ¹	SW846 3010A ⁴
Lead	< 3.0	3.0	ug/l	1	06/20/12	06/21/12 BL	SW846 6010C ¹	SW846 3010A ⁴
Magnesium	< 5000	5000	ug/l	1	06/20/12	06/21/12 BL	SW846 6010C ¹	SW846 3010A ⁴
Manganese	< 15	15	ug/l	1	06/20/12	06/21/12 BL	SW846 6010C ¹	SW846 3010A ⁴
Mercury	< 0.20	0.20	ug/l	1	06/22/12	06/22/12 JW	SW846 7470A ²	SW846 7470A ⁵
Nickel	< 10	10	ug/l	1	06/20/12	06/21/12 BL	SW846 6010C ¹	SW846 3010A ⁴
Potassium	< 10000	10000	ug/l	1	06/20/12	06/21/12 BL	SW846 6010C ¹	SW846 3010A ⁴
Selenium	< 10	10	ug/l	1	06/20/12	06/21/12 BL	SW846 6010C ¹	SW846 3010A ⁴
Silver	< 10	10	ug/l	1	06/20/12	06/21/12 BL	SW846 6010C ¹	SW846 3010A ⁴
Sodium	< 10000	10000	ug/l	1	06/20/12	06/21/12 BL	SW846 6010C ¹	SW846 3010A ⁴
Thallium	< 2.0	2.0	ug/l	1	06/20/12	06/29/12 ND	SW846 6010C ³	SW846 3010A ⁴
Vanadium	< 50	50	ug/l	1	06/20/12	06/21/12 BL	SW846 6010C ¹	SW846 3010A ⁴
Zinc	< 20	20	ug/l	1	06/20/12	06/21/12 BL	SW846 6010C ¹	SW846 3010A ⁴

- (1) Instrument QC Batch: MA28838
- (2) Instrument QC Batch: MA28858
- (3) Instrument QC Batch: MA28899
- (4) Prep QC Batch: MP65077
- (5) Prep QC Batch: MP65148

RL = Reporting Limit

4.2
4

Report of Analysis

Client Sample ID: GW-07 (38-44)		Date Sampled: 06/15/12
Lab Sample ID: JB9125-3		Date Received: 06/15/12
Matrix: AQ - Ground Water		Percent Solids: n/a
Method: SW846 8260B		
Project: Bluestone, 160th Street, Queens, NY		

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C105088.D	1	06/20/12	VM	n/a	n/a	V1C4654
Run #2							

Run #1	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.3	ug/l	
71-43-2	Benzene	ND	1.0	0.24	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.30	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.21	ug/l	
75-25-2	Bromoform	ND	4.0	0.21	ug/l	
74-83-9	Bromomethane	ND	2.0	0.22	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.4	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.19	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.22	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.23	ug/l	
75-00-3	Chloroethane	ND	1.0	0.26	ug/l	
67-66-3	Chloroform	0.25	1.0	0.20	ug/l	J
74-87-3	Chloromethane	ND	1.0	0.21	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.35	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	0.54	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.14	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.20	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.22	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.30	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.27	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.11	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.26	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.19	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.19	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.21	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.48	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
123-91-1	1,4-Dioxane	ND	130	75	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.23	ug/l	
76-13-1	Freon 113	ND	5.0	0.53	ug/l	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: GW-07 (38-44)	
Lab Sample ID: JB9125-3	Date Sampled: 06/15/12
Matrix: AQ - Ground Water	Date Received: 06/15/12
Method: SW846 8260B	Percent Solids: n/a
Project: Bluestone, 160th Street, Queens, NY	

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	5.0	1.1	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.45	ug/l	
79-20-9	Methyl Acetate	ND	5.0	1.2	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.26	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.16	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	0.83	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.70	ug/l	
100-42-5	Styrene	ND	5.0	0.21	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.21	ug/l	
127-18-4	Tetrachloroethene	0.48	1.0	0.28	ug/l	J
108-88-3	Toluene	ND	1.0	0.23	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.28	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.29	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.22	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.27	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.21	ug/l	
	m,p-Xylene	ND	1.0	0.42	ug/l	
95-47-6	o-Xylene	ND	1.0	0.24	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.24	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	91%		81-121%
17060-07-0	1,2-Dichloroethane-D4	103%		74-127%
2037-26-5	Toluene-D8	101%		80-122%
460-00-4	4-Bromofluorobenzene	92%		78-116%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: GW-07 (38-44)		Date Sampled: 06/15/12
Lab Sample ID: JB9125-3		Date Received: 06/15/12
Matrix: AQ - Ground Water		Percent Solids: n/a
Method: SW846 8270D SW846 3510C		
Project: Bluestone, 160th Street, Queens, NY		

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z72221.D	1	06/20/12	KV	06/19/12	OP57781	EZ3736
Run #2							

Run #1	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.0	0.97	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	1.8	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	1.2	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	1.5	ug/l	
51-28-5	2,4-Dinitrophenol	ND	20	17	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	20	0.99	ug/l	
95-48-7	2-Methylphenol	ND	2.0	1.0	ug/l	
	3&4-Methylphenol	ND	2.0	0.93	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	1.5	ug/l	
100-02-7	4-Nitrophenol	ND	10	5.2	ug/l	
87-86-5	Pentachlorophenol	ND	10	1.4	ug/l	
108-95-2	Phenol	ND	2.0	1.3	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	0.94	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	1.6	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	1.3	ug/l	
83-32-9	Acenaphthene	ND	1.0	0.26	ug/l	
208-96-8	Acenaphthylene	ND	1.0	0.23	ug/l	
98-86-2	Acetophenone	0.59	2.0	0.29	ug/l	J
120-12-7	Anthracene	ND	1.0	0.29	ug/l	
1912-24-9	Atrazine	ND	5.0	0.49	ug/l	
100-52-7	Benzaldehyde	ND	5.0	3.3	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.0	0.23	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.0	0.23	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.0	0.46	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	0.32	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.0	0.51	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.36	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.0	0.29	ug/l	
92-52-4	1,1'-Biphenyl	ND	1.0	0.30	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.0	0.30	ug/l	
106-47-8	4-Chloroaniline	ND	5.0	0.53	ug/l	
86-74-8	Carbazole	ND	1.0	0.36	ug/l	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: GW-07 (38-44)	
Lab Sample ID: JB9125-3	Date Sampled: 06/15/12
Matrix: AQ - Ground Water	Date Received: 06/15/12
Method: SW846 8270D SW846 3510C	Percent Solids: n/a
Project: Bluestone, 160th Street, Queens, NY	

ABN TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	2.0	0.69	ug/l	
218-01-9	Chrysene	ND	1.0	0.29	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	0.31	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.0	0.31	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.0	0.45	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.31	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	2.0	0.43	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	2.0	0.46	ug/l	
91-94-1	3,3' -Dichlorobenzidine	ND	5.0	0.36	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.38	ug/l	
132-64-9	Dibenzofuran	ND	5.0	0.27	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.0	0.56	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.0	0.31	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	0.33	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	0.28	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	0.59	ug/l	
206-44-0	Fluoranthene	ND	1.0	0.32	ug/l	
86-73-7	Fluorene	ND	1.0	0.28	ug/l	
118-74-1	Hexachlorobenzene	ND	1.0	0.34	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.51	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	10	7.1	ug/l	
67-72-1	Hexachloroethane	ND	2.0	0.55	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.0	0.37	ug/l	
78-59-1	Isophorone	ND	2.0	0.27	ug/l	
91-57-6	2-Methylnaphthalene	ND	1.0	0.38	ug/l	
88-74-4	2-Nitroaniline	ND	5.0	1.1	ug/l	
99-09-2	3-Nitroaniline	ND	5.0	1.3	ug/l	
100-01-6	4-Nitroaniline	ND	5.0	1.7	ug/l	
91-20-3	Naphthalene	ND	1.0	0.26	ug/l	
98-95-3	Nitrobenzene	ND	2.0	0.42	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.0	0.30	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	0.31	ug/l	
85-01-8	Phenanthrene	ND	1.0	0.29	ug/l	
129-00-0	Pyrene	ND	1.0	0.27	ug/l	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	2.0	0.31	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	34%		10-83%
4165-62-2	Phenol-d5	22%		10-74%

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: GW-07 (38-44) Lab Sample ID: JB9125-3 Matrix: AQ - Ground Water Method: SW846 8270D SW846 3510C Project: Bluestone, 160th Street, Queens, NY	Date Sampled: 06/15/12 Date Received: 06/15/12 Percent Solids: n/a
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ABN TCL List (SOM0 1.1)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
118-79-6	2,4,6-Tribromophenol	96%		24-148%
4165-60-0	Nitrobenzene-d5	96%		38-129%
321-60-8	2-Fluorobiphenyl	87%		42-117%
1718-51-0	Terphenyl-d14	84%		14-132%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

4.3
4

Report of Analysis

Client Sample ID: GW-07 (38-44)	
Lab Sample ID: JB9125-3	Date Sampled: 06/15/12
Matrix: AQ - Ground Water	Date Received: 06/15/12
Method: SW846 8082A SW846 3510C	Percent Solids: n/a
Project: Bluestone, 160th Street, Queens, NY	

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF110185.D	1	06/19/12	GAD	06/18/12	OP57759	GEF4512
Run #2							

Run #1	Initial Volume	Final Volume
Run #1	1000 ml	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.50	0.13	ug/l	
11104-28-2	Aroclor 1221	ND	0.50	0.27	ug/l	
11141-16-5	Aroclor 1232	ND	0.50	0.39	ug/l	
53469-21-9	Aroclor 1242	ND	0.50	0.086	ug/l	
12672-29-6	Aroclor 1248	ND	0.50	0.15	ug/l	
11097-69-1	Aroclor 1254	ND	0.50	0.14	ug/l	
11096-82-5	Aroclor 1260	ND	0.50	0.21	ug/l	
11100-14-4	Aroclor 1268	ND	0.50	0.13	ug/l	
37324-23-5	Aroclor 1262	ND	0.50	0.060	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	85%		27-144%
877-09-8	Tetrachloro-m-xylene	94%		27-144%
2051-24-3	Decachlorobiphenyl	55%		10-139%
2051-24-3	Decachlorobiphenyl	63%		10-139%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

4.3
4

Report of Analysis

Client Sample ID: GW-07 (38-44)		Date Sampled: 06/15/12
Lab Sample ID: JB9125-3F		Date Received: 06/15/12
Matrix: AQ - Groundwater Filtered		Percent Solids: n/a
Project: Bluestone, 160th Street, Queens, NY		

Dissolved Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	< 200	200	ug/l	1	06/20/12	06/21/12	BL SW846 6010C ¹	SW846 3010A ⁴
Antimony	< 6.0	6.0	ug/l	1	06/20/12	06/21/12	BL SW846 6010C ¹	SW846 3010A ⁴
Arsenic	< 3.0	3.0	ug/l	1	06/20/12	06/21/12	BL SW846 6010C ¹	SW846 3010A ⁴
Barium	< 200	200	ug/l	1	06/20/12	06/21/12	BL SW846 6010C ¹	SW846 3010A ⁴
Beryllium	< 1.0	1.0	ug/l	1	06/20/12	06/21/12	BL SW846 6010C ¹	SW846 3010A ⁴
Cadmium	< 3.0	3.0	ug/l	1	06/20/12	06/21/12	BL SW846 6010C ¹	SW846 3010A ⁴
Calcium	70400	5000	ug/l	1	06/20/12	06/21/12	BL SW846 6010C ¹	SW846 3010A ⁴
Chromium	< 10	10	ug/l	1	06/20/12	06/21/12	BL SW846 6010C ¹	SW846 3010A ⁴
Cobalt	< 50	50	ug/l	1	06/20/12	06/21/12	BL SW846 6010C ¹	SW846 3010A ⁴
Copper	< 10	10	ug/l	1	06/20/12	06/21/12	BL SW846 6010C ¹	SW846 3010A ⁴
Iron	< 100	100	ug/l	1	06/20/12	06/21/12	BL SW846 6010C ¹	SW846 3010A ⁴
Lead	< 3.0	3.0	ug/l	1	06/20/12	06/21/12	BL SW846 6010C ¹	SW846 3010A ⁴
Magnesium	13700	5000	ug/l	1	06/20/12	06/21/12	BL SW846 6010C ¹	SW846 3010A ⁴
Manganese	3600	15	ug/l	1	06/20/12	06/21/12	BL SW846 6010C ¹	SW846 3010A ⁴
Mercury	< 0.20	0.20	ug/l	1	06/22/12	06/22/12	JW SW846 7470A ²	SW846 7470A ⁵
Nickel	33.5	10	ug/l	1	06/20/12	06/21/12	BL SW846 6010C ¹	SW846 3010A ⁴
Potassium	< 10000	10000	ug/l	1	06/20/12	06/21/12	BL SW846 6010C ¹	SW846 3010A ⁴
Selenium	< 10	10	ug/l	1	06/20/12	06/21/12	BL SW846 6010C ¹	SW846 3010A ⁴
Silver	< 10	10	ug/l	1	06/20/12	06/21/12	BL SW846 6010C ¹	SW846 3010A ⁴
Sodium	109000	10000	ug/l	1	06/20/12	06/21/12	BL SW846 6010C ¹	SW846 3010A ⁴
Thallium	< 2.0	2.0	ug/l	1	06/20/12	06/23/12	BL SW846 6010C ³	SW846 3010A ⁴
Vanadium	< 50	50	ug/l	1	06/20/12	06/21/12	BL SW846 6010C ¹	SW846 3010A ⁴
Zinc	< 20	20	ug/l	1	06/20/12	06/21/12	BL SW846 6010C ¹	SW846 3010A ⁴

- (1) Instrument QC Batch: MA28838
- (2) Instrument QC Batch: MA28858
- (3) Instrument QC Batch: MA28860
- (4) Prep QC Batch: MP65077
- (5) Prep QC Batch: MP65148

RL = Reporting Limit

4.4
4

Report of Analysis

Client Sample ID: GW-08 (37-44)		Date Sampled: 06/15/12
Lab Sample ID: JB9125-4		Date Received: 06/15/12
Matrix: AQ - Ground Water		Percent Solids: n/a
Method: SW846 8260B		
Project: Bluestone, 160th Street, Queens, NY		

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C105087.D	1	06/20/12	VM	n/a	n/a	V1C4654
Run #2							

Run #1	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.3	ug/l	
71-43-2	Benzene	ND	1.0	0.24	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.30	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.21	ug/l	
75-25-2	Bromoform	ND	4.0	0.21	ug/l	
74-83-9	Bromomethane	ND	2.0	0.22	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.4	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.19	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.22	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.23	ug/l	
75-00-3	Chloroethane	ND	1.0	0.26	ug/l	
67-66-3	Chloroform	ND	1.0	0.20	ug/l	
74-87-3	Chloromethane	ND	1.0	0.21	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.35	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	0.54	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.14	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.20	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.22	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.30	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.27	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.11	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.26	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.19	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.19	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.21	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.48	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
123-91-1	1,4-Dioxane	ND	130	75	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.23	ug/l	
76-13-1	Freon 113	ND	5.0	0.53	ug/l	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: GW-08 (37-44)		Date Sampled: 06/15/12
Lab Sample ID: JB9125-4		Date Received: 06/15/12
Matrix: AQ - Ground Water		Percent Solids: n/a
Method: SW846 8260B		
Project: Bluestone, 160th Street, Queens, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	5.0	1.1	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.45	ug/l	
79-20-9	Methyl Acetate	ND	5.0	1.2	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.26	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.16	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	0.83	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.70	ug/l	
100-42-5	Styrene	ND	5.0	0.21	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.21	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.28	ug/l	
108-88-3	Toluene	0.26	1.0	0.23	ug/l	J
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.28	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.29	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.22	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.27	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.21	ug/l	
	m,p-Xylene	ND	1.0	0.42	ug/l	
95-47-6	o-Xylene	ND	1.0	0.24	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.24	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	91%		81-121%
17060-07-0	1,2-Dichloroethane-D4	101%		74-127%
2037-26-5	Toluene-D8	101%		80-122%
460-00-4	4-Bromofluorobenzene	91%		78-116%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

4.5
4

Report of Analysis

Client Sample ID: GW-08 (37-44)		Date Sampled: 06/15/12
Lab Sample ID: JB9125-4		Date Received: 06/15/12
Matrix: AQ - Ground Water		Percent Solids: n/a
Method: SW846 8270D SW846 3510C		
Project: Bluestone, 160th Street, Queens, NY		

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R93328.D	1	06/22/12	OYA	06/18/12	OP57756	ER3642
Run #2							

Run #1	Initial Volume	Final Volume
Run #1	900 ml	1.0 ml
Run #2		

ABN TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.6	1.1	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.6	2.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.6	1.3	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.6	1.7	ug/l	
51-28-5	2,4-Dinitrophenol	ND	22	18	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	22	1.1	ug/l	
95-48-7	2-Methylphenol	ND	2.2	1.2	ug/l	
	3&4-Methylphenol	ND	2.2	1.0	ug/l	
88-75-5	2-Nitrophenol	ND	5.6	1.7	ug/l	
100-02-7	4-Nitrophenol	ND	11	5.8	ug/l	
87-86-5	Pentachlorophenol	ND	11	1.5	ug/l	
108-95-2	Phenol	ND	2.2	1.4	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.6	1.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.6	1.7	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.6	1.4	ug/l	
83-32-9	Acenaphthene	ND	1.1	0.29	ug/l	
208-96-8	Acenaphthylene	ND	1.1	0.25	ug/l	
98-86-2	Acetophenone	0.69	2.2	0.32	ug/l	J
120-12-7	Anthracene	ND	1.1	0.32	ug/l	
1912-24-9	Atrazine	ND	5.6	0.54	ug/l	
100-52-7	Benzaldehyde	ND	5.6	3.6	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.1	0.25	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.1	0.25	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.1	0.51	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.1	0.36	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.1	0.57	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.2	0.40	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.2	0.32	ug/l	
92-52-4	1,1'-Biphenyl	ND	1.1	0.34	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.2	0.33	ug/l	
106-47-8	4-Chloroaniline	ND	5.6	0.59	ug/l	
86-74-8	Carbazole	ND	1.1	0.40	ug/l	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	GW-08 (37-44)	Date Sampled:	06/15/12
Lab Sample ID:	JB9125-4	Date Received:	06/15/12
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270D SW846 3510C		
Project:	Bluestone, 160th Street, Queens, NY		

ABN TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	2.2	0.77	ug/l	
218-01-9	Chrysene	ND	1.1	0.32	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.2	0.34	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.2	0.34	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.2	0.50	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.2	0.35	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	2.2	0.47	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	2.2	0.51	ug/l	
91-94-1	3,3' -Dichlorobenzidine	ND	5.6	0.40	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.1	0.42	ug/l	
132-64-9	Dibenzofuran	ND	5.6	0.29	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.2	0.62	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.2	0.34	ug/l	
84-66-2	Diethyl phthalate	ND	2.2	0.36	ug/l	
131-11-3	Dimethyl phthalate	ND	2.2	0.31	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.2	0.65	ug/l	
206-44-0	Fluoranthene	ND	1.1	0.35	ug/l	
86-73-7	Fluorene	ND	1.1	0.31	ug/l	
118-74-1	Hexachlorobenzene	ND	1.1	0.38	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.1	0.57	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	11	7.9	ug/l	
67-72-1	Hexachloroethane	ND	2.2	0.61	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.1	0.42	ug/l	
78-59-1	Isophorone	ND	2.2	0.30	ug/l	
91-57-6	2-Methylnaphthalene	ND	1.1	0.43	ug/l	
88-74-4	2-Nitroaniline	ND	5.6	1.2	ug/l	
99-09-2	3-Nitroaniline	ND	5.6	1.4	ug/l	
100-01-6	4-Nitroaniline	ND	5.6	1.8	ug/l	
91-20-3	Naphthalene	ND	1.1	0.29	ug/l	
98-95-3	Nitrobenzene	ND	2.2	0.47	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.2	0.34	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.6	0.34	ug/l	
85-01-8	Phenanthrene	ND	1.1	0.32	ug/l	
129-00-0	Pyrene	ND	1.1	0.30	ug/l	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	2.2	0.34	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	44%		10-83%
4165-62-2	Phenol-d5	26%		10-74%

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: GW-08 (37-44) Lab Sample ID: JB9125-4 Matrix: AQ - Ground Water Method: SW846 8270D SW846 3510C Project: Bluestone, 160th Street, Queens, NY	Date Sampled: 06/15/12 Date Received: 06/15/12 Percent Solids: n/a
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ABN TCL List (SOM0 1.1)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
118-79-6	2,4,6-Tribromophenol	90%		24-148%
4165-60-0	Nitrobenzene-d5	85%		38-129%
321-60-8	2-Fluorobiphenyl	88%		42-117%
1718-51-0	Terphenyl-d14	89%		14-132%

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 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

4.5
4

Report of Analysis

Client Sample ID: GW-08 (37-44)		
Lab Sample ID: JB9125-4		Date Sampled: 06/15/12
Matrix: AQ - Ground Water		Date Received: 06/15/12
Method: SW846 8081B SW846 3510C		Percent Solids: n/a
Project: Bluestone, 160th Street, Queens, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G80680.D	1	06/20/12	DS	06/18/12	OP57760	G1G2688
Run #2							

Run #	Initial Volume	Final Volume
Run #1	1000 ml	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.010	0.0095	ug/l	
319-84-6	alpha-BHC	ND	0.010	0.0040	ug/l	
319-85-7	beta-BHC	ND	0.010	0.0038	ug/l	
319-86-8	delta-BHC	ND	0.010	0.0062	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.010	0.0041	ug/l	
5103-71-9	alpha-Chlordane	0.049	0.010	0.0050	ug/l	
5103-74-2	gamma-Chlordane	0.057	0.010	0.0023	ug/l	
60-57-1	Dieldrin	ND	0.010	0.0033	ug/l	
72-54-8	4,4'-DDD	ND	0.010	0.0036	ug/l	
72-55-9	4,4'-DDE	ND	0.010	0.0030	ug/l	
50-29-3	4,4'-DDT	ND	0.010	0.0060	ug/l	
72-20-8	Endrin	ND	0.010	0.0064	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.010	0.0064	ug/l	
7421-93-4	Endrin aldehyde	ND	0.010	0.0029	ug/l	
53494-70-5	Endrin ketone	ND	0.010	0.0041	ug/l	
959-98-8	Endosulfan-I	ND	0.010	0.0030	ug/l	
33213-65-9	Endosulfan-II	ND	0.010	0.0028	ug/l	
76-44-8	Heptachlor	ND	0.010	0.0084	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.010	0.0038	ug/l	
72-43-5	Methoxychlor	ND	0.020	0.0082	ug/l	
8001-35-2	Toxaphene	ND	0.25	0.15	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	97%		26-145%
877-09-8	Tetrachloro-m-xylene	96%		26-145%
2051-24-3	Decachlorobiphenyl	42%		10-141%
2051-24-3	Decachlorobiphenyl	37%		10-141%

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: GW-08 (37-44)	
Lab Sample ID: JB9125-4	Date Sampled: 06/15/12
Matrix: AQ - Ground Water	Date Received: 06/15/12
Method: SW846 8082A SW846 3510C	Percent Solids: n/a
Project: Bluestone, 160th Street, Queens, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF110186.D	1	06/19/12	GAD	06/18/12	OP57759	GEF4512
Run #2							

Run #	Initial Volume	Final Volume
Run #1	1000 ml	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.50	0.13	ug/l	
11104-28-2	Aroclor 1221	ND	0.50	0.27	ug/l	
11141-16-5	Aroclor 1232	ND	0.50	0.39	ug/l	
53469-21-9	Aroclor 1242	ND	0.50	0.086	ug/l	
12672-29-6	Aroclor 1248	ND	0.50	0.15	ug/l	
11097-69-1	Aroclor 1254	ND	0.50	0.14	ug/l	
11096-82-5	Aroclor 1260	ND	0.50	0.21	ug/l	
11100-14-4	Aroclor 1268	ND	0.50	0.13	ug/l	
37324-23-5	Aroclor 1262	ND	0.50	0.060	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	84%		27-144%
877-09-8	Tetrachloro-m-xylene	93%		27-144%
2051-24-3	Decachlorobiphenyl	55%		10-139%
2051-24-3	Decachlorobiphenyl	72%		10-139%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

4.5
4

Report of Analysis

Client Sample ID: GW-08 (37-44)		Date Sampled: 06/15/12
Lab Sample ID: JB9125-4F		Date Received: 06/15/12
Matrix: AQ - Groundwater Filtered		Percent Solids: n/a
Project: Bluestone, 160th Street, Queens, NY		

Dissolved Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	< 200	200	ug/l	1	06/20/12	06/20/12	BL SW846 6010C ¹	SW846 3010A ³
Antimony	< 6.0	6.0	ug/l	1	06/20/12	06/20/12	BL SW846 6010C ¹	SW846 3010A ³
Arsenic	< 3.0	3.0	ug/l	1	06/20/12	06/20/12	BL SW846 6010C ¹	SW846 3010A ³
Barium	< 200	200	ug/l	1	06/20/12	06/20/12	BL SW846 6010C ¹	SW846 3010A ³
Beryllium	< 1.0	1.0	ug/l	1	06/20/12	06/20/12	BL SW846 6010C ¹	SW846 3010A ³
Cadmium	< 3.0	3.0	ug/l	1	06/20/12	06/20/12	BL SW846 6010C ¹	SW846 3010A ³
Calcium	84900	5000	ug/l	1	06/20/12	06/20/12	BL SW846 6010C ¹	SW846 3010A ³
Chromium	< 10	10	ug/l	1	06/20/12	06/20/12	BL SW846 6010C ¹	SW846 3010A ³
Cobalt	< 50	50	ug/l	1	06/20/12	06/20/12	BL SW846 6010C ¹	SW846 3010A ³
Copper	< 10	10	ug/l	1	06/20/12	06/20/12	BL SW846 6010C ¹	SW846 3010A ³
Iron	< 100	100	ug/l	1	06/20/12	06/20/12	BL SW846 6010C ¹	SW846 3010A ³
Lead	< 3.0	3.0	ug/l	1	06/20/12	06/20/12	BL SW846 6010C ¹	SW846 3010A ³
Magnesium	17800	5000	ug/l	1	06/20/12	06/20/12	BL SW846 6010C ¹	SW846 3010A ³
Manganese	2030	15	ug/l	1	06/20/12	06/20/12	BL SW846 6010C ¹	SW846 3010A ³
Mercury	< 0.20	0.20	ug/l	1	06/22/12	06/22/12	JW SW846 7470A ²	SW846 7470A ⁴
Nickel	26.5	10	ug/l	1	06/20/12	06/20/12	BL SW846 6010C ¹	SW846 3010A ³
Potassium	< 10000	10000	ug/l	1	06/20/12	06/20/12	BL SW846 6010C ¹	SW846 3010A ³
Selenium	< 10	10	ug/l	1	06/20/12	06/20/12	BL SW846 6010C ¹	SW846 3010A ³
Silver	< 10	10	ug/l	1	06/20/12	06/20/12	BL SW846 6010C ¹	SW846 3010A ³
Sodium	113000	10000	ug/l	1	06/20/12	06/20/12	BL SW846 6010C ¹	SW846 3010A ³
Thallium	< 2.0	2.0	ug/l	1	06/20/12	06/20/12	BL SW846 6010C ¹	SW846 3010A ³
Vanadium	< 50	50	ug/l	1	06/20/12	06/20/12	BL SW846 6010C ¹	SW846 3010A ³
Zinc	< 20	20	ug/l	1	06/20/12	06/20/12	BL SW846 6010C ¹	SW846 3010A ³

(1) Instrument QC Batch: MA28838

(2) Instrument QC Batch: MA28858

(3) Prep QC Batch: MP65077

(4) Prep QC Batch: MP65148

RL = Reporting Limit

4.6
4

Report of Analysis

Client Sample ID: SB-07 (13-15)	
Lab Sample ID: JB9125-5	Date Sampled: 06/15/12
Matrix: SO - Soil	Date Received: 06/15/12
Method: SW846 8260B	Percent Solids: 95.4
Project: Bluestone, 160th Street, Queens, NY	

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	V127118.D	1	06/20/12	OTR	n/a	n/a	VV5500
Run #2							

Run #1	Initial Weight
Run #1	4.4 g
Run #2	

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	10.6	12	2.0	ug/kg	J
71-43-2	Benzene	ND	1.2	0.14	ug/kg	
74-97-5	Bromochloromethane	ND	6.0	0.32	ug/kg	
75-27-4	Bromodichloromethane	ND	6.0	0.13	ug/kg	
75-25-2	Bromoform	ND	6.0	0.18	ug/kg	
74-83-9	Bromomethane	ND	6.0	0.33	ug/kg	
78-93-3	2-Butanone (MEK)	ND	12	2.8	ug/kg	
75-15-0	Carbon disulfide	ND	6.0	0.14	ug/kg	
56-23-5	Carbon tetrachloride	ND	6.0	0.16	ug/kg	
108-90-7	Chlorobenzene	ND	6.0	0.13	ug/kg	
75-00-3	Chloroethane	ND	6.0	0.27	ug/kg	
67-66-3	Chloroform	ND	6.0	0.098	ug/kg	
74-87-3	Chloromethane	ND	6.0	0.22	ug/kg	
110-82-7	Cyclohexane	ND	6.0	0.15	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	12	1.1	ug/kg	
124-48-1	Dibromochloromethane	ND	6.0	0.20	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.2	0.15	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	6.0	0.23	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	6.0	0.22	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	6.0	0.21	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.0	0.27	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.0	0.16	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.2	0.16	ug/kg	
75-35-4	1,1-Dichloroethene	ND	6.0	0.31	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	6.0	0.22	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	6.0	0.28	ug/kg	
78-87-5	1,2-Dichloropropane	ND	6.0	0.18	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	6.0	0.17	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	6.0	0.18	ug/kg	
123-91-1	1,4-Dioxane	ND	150	71	ug/kg	
100-41-4	Ethylbenzene	ND	1.2	0.31	ug/kg	
76-13-1	Freon 113	ND	6.0	0.51	ug/kg	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-07 (13-15)	
Lab Sample ID: JB9125-5	Date Sampled: 06/15/12
Matrix: SO - Soil	Date Received: 06/15/12
Method: SW846 8260B	Percent Solids: 95.4
Project: Bluestone, 160th Street, Queens, NY	

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	6.0	0.74	ug/kg	
98-82-8	Isopropylbenzene	ND	6.0	0.089	ug/kg	
79-20-9	Methyl Acetate	ND	6.0	3.1	ug/kg	
108-87-2	Methylcyclohexane	ND	6.0	0.20	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.2	0.28	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	6.0	0.89	ug/kg	
75-09-2	Methylene chloride	ND	6.0	1.5	ug/kg	
100-42-5	Styrene	ND	6.0	0.11	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.0	0.16	ug/kg	
127-18-4	Tetrachloroethene	ND	6.0	0.20	ug/kg	
108-88-3	Toluene	ND	1.2	0.13	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.0	0.20	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.0	0.17	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.0	0.13	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	6.0	0.21	ug/kg	
79-01-6	Trichloroethene	ND	6.0	0.21	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.0	0.35	ug/kg	
75-01-4	Vinyl chloride	ND	6.0	0.17	ug/kg	
	m,p-Xylene	ND	1.2	0.21	ug/kg	
95-47-6	o-Xylene	ND	1.2	0.17	ug/kg	
1330-20-7	Xylene (total)	ND	1.2	0.17	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		70-130%
17060-07-0	1,2-Dichloroethane-D4	91%		70-122%
2037-26-5	Toluene-D8	101%		81-127%
460-00-4	4-Bromofluorobenzene	90%		66-132%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-07 (13-15)		
Lab Sample ID: JB9125-5		Date Sampled: 06/15/12
Matrix: SO - Soil		Date Received: 06/15/12
Method: SW846 8270D SW846 3550C		Percent Solids: 95.4
Project: Bluestone, 160th Street, Queens, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3E42385.D	1	06/19/12	KH	06/18/12	OP57755	E3E1850
Run #2							

Run #	Initial Weight	Final Volume
Run #1	35.9 g	1.0 ml
Run #2		

ABN TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	150	29	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	150	29	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	150	47	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	150	49	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	580	36	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	580	36	ug/kg	
95-48-7	2-Methylphenol	ND	58	33	ug/kg	
	3&4-Methylphenol	ND	58	37	ug/kg	
88-75-5	2-Nitrophenol	ND	150	31	ug/kg	
100-02-7	4-Nitrophenol	ND	290	49	ug/kg	
87-86-5	Pentachlorophenol	ND	290	50	ug/kg	
108-95-2	Phenol	ND	58	31	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	150	30	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	150	34	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	150	27	ug/kg	
83-32-9	Acenaphthene	ND	29	8.5	ug/kg	
208-96-8	Acenaphthylene	ND	29	9.3	ug/kg	
98-86-2	Acetophenone	ND	150	5.1	ug/kg	
120-12-7	Anthracene	ND	29	10	ug/kg	
1912-24-9	Atrazine	ND	150	5.8	ug/kg	
56-55-3	Benzo(a)anthracene	ND	29	9.5	ug/kg	
50-32-8	Benzo(a)pyrene	ND	29	8.9	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	29	9.8	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	29	11	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	29	11	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	58	11	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	58	17	ug/kg	
92-52-4	1,1'-Biphenyl	ND	58	3.4	ug/kg	
100-52-7	Benzaldehyde	ND	150	6.7	ug/kg	
91-58-7	2-Chloronaphthalene	ND	58	9.1	ug/kg	
106-47-8	4-Chloroaniline	ND	150	9.3	ug/kg	
86-74-8	Carbazole	ND	58	14	ug/kg	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-07 (13-15)	Date Sampled:	06/15/12
Lab Sample ID:	JB9125-5	Date Received:	06/15/12
Matrix:	SO - Soil	Percent Solids:	95.4
Method:	SW846 8270D SW846 3550C		
Project:	Bluestone, 160th Street, Queens, NY		

ABN TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	58	9.2	ug/kg	
218-01-9	Chrysene	ND	29	9.9	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	58	12	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	58	8.8	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	58	8.7	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	58	8.8	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	58	13	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	58	11	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	150	7.4	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	29	10	ug/kg	
132-64-9	Dibenzofuran	ND	58	8.7	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	58	6.5	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	58	14	ug/kg	
84-66-2	Diethyl phthalate	ND	58	10	ug/kg	
131-11-3	Dimethyl phthalate	ND	58	10	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	58	26	ug/kg	
206-44-0	Fluoranthene	ND	29	13	ug/kg	
86-73-7	Fluorene	ND	29	9.6	ug/kg	
118-74-1	Hexachlorobenzene	ND	58	9.5	ug/kg	
87-68-3	Hexachlorobutadiene	ND	29	8.1	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	290	30	ug/kg	
67-72-1	Hexachloroethane	ND	150	8.1	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	29	10	ug/kg	
78-59-1	Isophorone	ND	58	7.9	ug/kg	
91-57-6	2-Methylnaphthalene	ND	58	16	ug/kg	
88-74-4	2-Nitroaniline	ND	150	13	ug/kg	
99-09-2	3-Nitroaniline	ND	150	12	ug/kg	
100-01-6	4-Nitroaniline	ND	150	11	ug/kg	
91-20-3	Naphthalene	ND	29	8.0	ug/kg	
98-95-3	Nitrobenzene	ND	58	8.4	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	58	7.1	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	150	17	ug/kg	
85-01-8	Phenanthrene	ND	29	13	ug/kg	
129-00-0	Pyrene	ND	29	11	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	150	9.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	53%		21-116%
4165-62-2	Phenol-d5	52%		19-117%

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-07 (13-15) Lab Sample ID: JB9125-5 Matrix: SO - Soil Method: SW846 8270D SW846 3550C Project: Bluestone, 160th Street, Queens, NY	Date Sampled: 06/15/12 Date Received: 06/15/12 Percent Solids: 95.4
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ABN TCL List (SOM0 1.1)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
118-79-6	2,4,6-Tribromophenol	61%		24-136%
4165-60-0	Nitrobenzene-d5	57%		21-122%
321-60-8	2-Fluorobiphenyl	56%		30-117%
1718-51-0	Terphenyl-d14	89%		31-129%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

4.7
4

Report of Analysis

Client Sample ID: SB-07 (13-15)	
Lab Sample ID: JB9125-5	Date Sampled: 06/15/12
Matrix: SO - Soil	Date Received: 06/15/12
Method: SW846 8081B SW846 3546	Percent Solids: 95.4
Project: Bluestone, 160th Street, Queens, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G80763.D	1	06/21/12	DS	06/18/12	OP57753	G1G2692
Run #2							

Run #	Initial Weight	Final Volume
Run #1	15.2 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.69	0.34	ug/kg	
319-84-6	alpha-BHC	ND	0.69	0.52	ug/kg	
319-85-7	beta-BHC	ND	0.69	0.48	ug/kg	
319-86-8	delta-BHC	ND	0.69	0.40	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.69	0.31	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.69	0.45	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.69	0.35	ug/kg	
60-57-1	Dieldrin	ND	0.69	0.53	ug/kg	
72-54-8	4,4'-DDD	ND	0.69	0.35	ug/kg	
72-55-9	4,4'-DDE	ND	0.69	0.41	ug/kg	
50-29-3	4,4'-DDT	ND	0.69	0.51	ug/kg	
72-20-8	Endrin	ND	0.69	0.35	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.69	0.62	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.69	0.65	ug/kg	
959-98-8	Endosulfan-I	ND	0.69	0.33	ug/kg	
33213-65-9	Endosulfan-II	ND	0.69	0.45	ug/kg	
76-44-8	Heptachlor	ND	0.69	0.42	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.69	0.34	ug/kg	
72-43-5	Methoxychlor	ND	1.4	0.49	ug/kg	
53494-70-5	Endrin ketone	ND	0.69	0.45	ug/kg	
8001-35-2	Toxaphene	ND	17	8.7	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	50%		23-137%
877-09-8	Tetrachloro-m-xylene	53%		23-137%
2051-24-3	Decachlorobiphenyl	74%		22-160%
2051-24-3	Decachlorobiphenyl	74%		22-160%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

4.7
 4

Report of Analysis

Client Sample ID: SB-07 (13-15)		Date Sampled: 06/15/12
Lab Sample ID: JB9125-5		Date Received: 06/15/12
Matrix: SO - Soil		Percent Solids: 95.4
Method: SW846 8082A SW846 3546		
Project: Bluestone, 160th Street, Queens, NY		

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2G68521.D	1	06/19/12	AZ	06/18/12	OP57752	G2G2395
Run #2							

Run #1	Initial Weight	Final Volume
Run #1	15.2 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	34	9.0	ug/kg	
11104-28-2	Aroclor 1221	ND	34	21	ug/kg	
11141-16-5	Aroclor 1232	ND	34	17	ug/kg	
53469-21-9	Aroclor 1242	ND	34	11	ug/kg	
12672-29-6	Aroclor 1248	ND	34	10	ug/kg	
11097-69-1	Aroclor 1254	ND	34	16	ug/kg	
11096-82-5	Aroclor 1260	ND	34	11	ug/kg	
11100-14-4	Aroclor 1268	ND	34	10	ug/kg	
37324-23-5	Aroclor 1262	ND	34	11	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	56%		22-141%
877-09-8	Tetrachloro-m-xylene	65%		22-141%
2051-24-3	Decachlorobiphenyl	45%		18-163%
2051-24-3	Decachlorobiphenyl	59%		18-163%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

4.7
4

Report of Analysis

Client Sample ID: SB-07 (13-15)	Date Sampled: 06/15/12
Lab Sample ID: JB9125-5	Date Received: 06/15/12
Matrix: SO - Soil	Percent Solids: 95.4
Project: Bluestone, 160th Street, Queens, NY	

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	3390	51	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Antimony	< 2.0	2.0	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Arsenic	2.3	2.0	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Barium	28.7	20	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Beryllium	0.38	0.20	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Cadmium	< 0.51	0.51	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Calcium	664	510	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Chromium	12.8	1.0	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Cobalt	< 5.1	5.1	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Copper	7.7	2.5	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Iron	31700	51	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Lead	< 2.0	2.0	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Magnesium	1060	510	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Manganese	422	1.5	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Mercury	< 0.033	0.033	mg/kg	1	06/25/12	06/25/12	JW SW846 7471B ¹	SW846 7471B ⁴
Nickel	7.1	4.1	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Potassium	< 1000	1000	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Selenium	< 2.0	2.0	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Silver	< 0.51	0.51	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Sodium	< 1000	1000	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Thallium	< 1.0	1.0	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Vanadium	22.4	5.1	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Zinc	16.8	2.0	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³

(1) Instrument QC Batch: MA28862

(2) Instrument QC Batch: MA28894

(3) Prep QC Batch: MP65065

(4) Prep QC Batch: MP65174

RL = Reporting Limit

Report of Analysis

Client Sample ID: SB-08 (13-16)	
Lab Sample ID: JB9125-6	Date Sampled: 06/15/12
Matrix: SO - Soil	Date Received: 06/15/12
Method: SW846 8260B	Percent Solids: 91.3
Project: Bluestone, 160th Street, Queens, NY	

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #2	V127117.D	1	06/20/12	OTR	n/a	n/a	VV5500

Run #1	Initial Weight
Run #2	4.5 g

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	13.0	12	2.1	ug/kg	
71-43-2	Benzene	ND	1.2	0.14	ug/kg	
74-97-5	Bromochloromethane	ND	6.1	0.32	ug/kg	
75-27-4	Bromodichloromethane	ND	6.1	0.13	ug/kg	
75-25-2	Bromoform	ND	6.1	0.18	ug/kg	
74-83-9	Bromomethane	ND	6.1	0.33	ug/kg	
78-93-3	2-Butanone (MEK)	ND	12	2.9	ug/kg	
75-15-0	Carbon disulfide	ND	6.1	0.14	ug/kg	
56-23-5	Carbon tetrachloride	ND	6.1	0.16	ug/kg	
108-90-7	Chlorobenzene	ND	6.1	0.13	ug/kg	
75-00-3	Chloroethane	ND	6.1	0.28	ug/kg	
67-66-3	Chloroform	ND	6.1	0.10	ug/kg	
74-87-3	Chloromethane	ND	6.1	0.23	ug/kg	
110-82-7	Cyclohexane	ND	6.1	0.15	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	12	1.1	ug/kg	
124-48-1	Dibromochloromethane	ND	6.1	0.20	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.2	0.15	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	6.1	0.23	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	6.1	0.23	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	6.1	0.21	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.1	0.28	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.1	0.17	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.2	0.16	ug/kg	
75-35-4	1,1-Dichloroethene	ND	6.1	0.31	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	6.1	0.22	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	6.1	0.29	ug/kg	
78-87-5	1,2-Dichloropropane	ND	6.1	0.19	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	6.1	0.17	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	6.1	0.19	ug/kg	
123-91-1	1,4-Dioxane	ND	150	72	ug/kg	
100-41-4	Ethylbenzene	ND	1.2	0.32	ug/kg	
76-13-1	Freon 113	ND	6.1	0.52	ug/kg	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-08 (13-16)	
Lab Sample ID: JB9125-6	Date Sampled: 06/15/12
Matrix: SO - Soil	Date Received: 06/15/12
Method: SW846 8260B	Percent Solids: 91.3
Project: Bluestone, 160th Street, Queens, NY	

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	6.1	0.76	ug/kg	
98-82-8	Isopropylbenzene	ND	6.1	0.090	ug/kg	
79-20-9	Methyl Acetate	ND	6.1	3.2	ug/kg	
108-87-2	Methylcyclohexane	ND	6.1	0.21	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.2	0.29	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	6.1	0.91	ug/kg	
75-09-2	Methylene chloride	ND	6.1	1.5	ug/kg	
100-42-5	Styrene	ND	6.1	0.11	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.1	0.16	ug/kg	
127-18-4	Tetrachloroethene	ND	6.1	0.21	ug/kg	
108-88-3	Toluene	ND	1.2	0.13	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.1	0.20	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.1	0.17	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.1	0.13	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	6.1	0.21	ug/kg	
79-01-6	Trichloroethene	ND	6.1	0.21	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.1	0.36	ug/kg	
75-01-4	Vinyl chloride	ND	6.1	0.18	ug/kg	
	m,p-Xylene	ND	1.2	0.21	ug/kg	
95-47-6	o-Xylene	ND	1.2	0.17	ug/kg	
1330-20-7	Xylene (total)	ND	1.2	0.17	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		70-130%
17060-07-0	1,2-Dichloroethane-D4	91%		70-122%
2037-26-5	Toluene-D8	102%		81-127%
460-00-4	4-Bromofluorobenzene	89%		66-132%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-08 (13-16)	
Lab Sample ID: JB9125-6	Date Sampled: 06/15/12
Matrix: SO - Soil	Date Received: 06/15/12
Method: SW846 8270D SW846 3550C	Percent Solids: 91.3
Project: Bluestone, 160th Street, Queens, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3E42373.D	1	06/19/12	KH	06/18/12	OP57755	E3E1850
Run #2							

Run #	Initial Weight	Final Volume
Run #1	35.3 g	1.0 ml
Run #2		

ABN TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	160	31	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	160	31	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	160	50	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	160	52	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	620	38	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	620	38	ug/kg	
95-48-7	2-Methylphenol	ND	62	35	ug/kg	
	3&4-Methylphenol	ND	62	39	ug/kg	
88-75-5	2-Nitrophenol	ND	160	33	ug/kg	
100-02-7	4-Nitrophenol	ND	310	52	ug/kg	
87-86-5	Pentachlorophenol	ND	310	53	ug/kg	
108-95-2	Phenol	ND	62	33	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	160	32	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	160	36	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	160	29	ug/kg	
83-32-9	Acenaphthene	41.1	31	9.0	ug/kg	
208-96-8	Acenaphthylene	ND	31	9.9	ug/kg	
98-86-2	Acetophenone	ND	160	5.5	ug/kg	
120-12-7	Anthracene	84.2	31	11	ug/kg	
1912-24-9	Atrazine	ND	160	6.1	ug/kg	
56-55-3	Benzo(a)anthracene	231	31	10	ug/kg	
50-32-8	Benzo(a)pyrene	215	31	9.5	ug/kg	
205-99-2	Benzo(b)fluoranthene	284	31	10	ug/kg	
191-24-2	Benzo(g,h,i)perylene	146	31	12	ug/kg	
207-08-9	Benzo(k)fluoranthene	90.1	31	12	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	62	11	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	62	18	ug/kg	
92-52-4	1,1'-Biphenyl	ND	62	3.6	ug/kg	
100-52-7	Benzaldehyde	ND	160	7.1	ug/kg	
91-58-7	2-Chloronaphthalene	ND	62	9.6	ug/kg	
106-47-8	4-Chloroaniline	ND	160	9.9	ug/kg	
86-74-8	Carbazole	47.1	62	14	ug/kg	J

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-08 (13-16)	
Lab Sample ID: JB9125-6	Date Sampled: 06/15/12
Matrix: SO - Soil	Date Received: 06/15/12
Method: SW846 8270D SW846 3550C	Percent Solids: 91.3
Project: Bluestone, 160th Street, Queens, NY	

ABN TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	62	9.8	ug/kg	
218-01-9	Chrysene	234	31	10	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	62	13	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	62	9.3	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	62	9.2	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	62	9.3	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	62	14	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	62	12	ug/kg	
91-94-1	3,3' -Dichlorobenzidine	ND	160	7.9	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	36.4	31	11	ug/kg	
132-64-9	Dibenzofuran	22.3	62	9.2	ug/kg	J
84-74-2	Di-n-butyl phthalate	ND	62	6.9	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	62	15	ug/kg	
84-66-2	Diethyl phthalate	ND	62	11	ug/kg	
131-11-3	Dimethyl phthalate	ND	62	11	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	62	27	ug/kg	
206-44-0	Fluoranthene	510	31	14	ug/kg	
86-73-7	Fluorene	39.1	31	10	ug/kg	
118-74-1	Hexachlorobenzene	ND	62	10	ug/kg	
87-68-3	Hexachlorobutadiene	ND	31	8.6	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	310	32	ug/kg	
67-72-1	Hexachloroethane	ND	160	8.6	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	132	31	11	ug/kg	
78-59-1	Isophorone	ND	62	8.3	ug/kg	
91-57-6	2-Methylnaphthalene	ND	62	17	ug/kg	
88-74-4	2-Nitroaniline	ND	160	14	ug/kg	
99-09-2	3-Nitroaniline	ND	160	12	ug/kg	
100-01-6	4-Nitroaniline	ND	160	12	ug/kg	
91-20-3	Naphthalene	23.3	31	8.5	ug/kg	J
98-95-3	Nitrobenzene	ND	62	9.0	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	62	7.6	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	160	19	ug/kg	
85-01-8	Phenanthrene	400	31	14	ug/kg	
129-00-0	Pyrene	462	31	12	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	160	9.5	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	51%		21-116%
4165-62-2	Phenol-d5	46%		19-117%

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-08 (13-16) Lab Sample ID: JB9125-6 Matrix: SO - Soil Method: SW846 8270D SW846 3550C Project: Bluestone, 160th Street, Queens, NY	Date Sampled: 06/15/12 Date Received: 06/15/12 Percent Solids: 91.3
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ABN TCL List (SOM0 1.1)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
118-79-6	2,4,6-Tribromophenol	82%		24-136%
4165-60-0	Nitrobenzene-d5	50%		21-122%
321-60-8	2-Fluorobiphenyl	53%		30-117%
1718-51-0	Terphenyl-d14	94%		31-129%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

4.8
4

Report of Analysis

Client Sample ID: SB-08 (13-16)	
Lab Sample ID: JB9125-6	Date Sampled: 06/15/12
Matrix: SO - Soil	Date Received: 06/15/12
Method: SW846 8081B SW846 3546	Percent Solids: 91.3
Project: Bluestone, 160th Street, Queens, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G80762.D	1	06/21/12	DS	06/18/12	OP57753	G1G2692
Run #2							

Run #	Initial Weight	Final Volume
Run #1	15.4 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.71	0.35	ug/kg	
319-84-6	alpha-BHC	ND	0.71	0.53	ug/kg	
319-85-7	beta-BHC	ND	0.71	0.50	ug/kg	
319-86-8	delta-BHC	ND	0.71	0.42	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.71	0.32	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.71	0.46	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.71	0.36	ug/kg	
60-57-1	Dieldrin	ND	0.71	0.55	ug/kg	
72-54-8	4,4'-DDD	ND	0.71	0.36	ug/kg	
72-55-9	4,4'-DDE	ND	0.71	0.42	ug/kg	
50-29-3	4,4'-DDT	ND	0.71	0.52	ug/kg	
72-20-8	Endrin	ND	0.71	0.36	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.71	0.64	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.71	0.67	ug/kg	
959-98-8	Endosulfan-I	ND	0.71	0.34	ug/kg	
33213-65-9	Endosulfan-II	ND	0.71	0.47	ug/kg	
76-44-8	Heptachlor	ND	0.71	0.44	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.71	0.35	ug/kg	
72-43-5	Methoxychlor	ND	1.4	0.50	ug/kg	
53494-70-5	Endrin ketone	ND	0.71	0.46	ug/kg	
8001-35-2	Toxaphene	ND	18	9.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	55%		23-137%
877-09-8	Tetrachloro-m-xylene	58%		23-137%
2051-24-3	Decachlorobiphenyl	75%		22-160%
2051-24-3	Decachlorobiphenyl	70%		22-160%

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-08 (13-16) Lab Sample ID: JB9125-6 Matrix: SO - Soil Method: SW846 8082A SW846 3546 Project: Bluestone, 160th Street, Queens, NY	Date Sampled: 06/15/12 Date Received: 06/15/12 Percent Solids: 91.3
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Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2G68522.D	1	06/19/12	AZ	06/18/12	OP57752	G2G2395
Run #2							

Run #	Initial Weight	Final Volume
Run #1	15.4 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	36	9.2	ug/kg	
11104-28-2	Aroclor 1221	ND	36	21	ug/kg	
11141-16-5	Aroclor 1232	ND	36	18	ug/kg	
53469-21-9	Aroclor 1242	ND	36	11	ug/kg	
12672-29-6	Aroclor 1248	ND	36	11	ug/kg	
11097-69-1	Aroclor 1254	ND	36	17	ug/kg	
11096-82-5	Aroclor 1260	ND	36	12	ug/kg	
11100-14-4	Aroclor 1268	ND	36	10	ug/kg	
37324-23-5	Aroclor 1262	ND	36	11	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	48%		22-141%
877-09-8	Tetrachloro-m-xylene	55%		22-141%
2051-24-3	Decachlorobiphenyl	43%		18-163%
2051-24-3	Decachlorobiphenyl	55%		18-163%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

4.8
4

Report of Analysis

Client Sample ID: SB-08 (13-16)	Date Sampled: 06/15/12
Lab Sample ID: JB9125-6	Date Received: 06/15/12
Matrix: SO - Soil	Percent Solids: 91.3
Project: Bluestone, 160th Street, Queens, NY	

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	3900	53	mg/kg	1	06/19/12	06/21/12	ND SW846 6010C ¹	SW846 3050B ³
Antimony	< 2.1	2.1	mg/kg	1	06/19/12	06/21/12	ND SW846 6010C ¹	SW846 3050B ³
Arsenic	< 2.1	2.1	mg/kg	1	06/19/12	06/21/12	ND SW846 6010C ¹	SW846 3050B ³
Barium	< 21	21	mg/kg	1	06/19/12	06/21/12	ND SW846 6010C ¹	SW846 3050B ³
Beryllium	0.27	0.21	mg/kg	1	06/19/12	06/21/12	ND SW846 6010C ¹	SW846 3050B ³
Cadmium	< 0.53	0.53	mg/kg	1	06/19/12	06/21/12	ND SW846 6010C ¹	SW846 3050B ³
Calcium	1040	530	mg/kg	1	06/19/12	06/21/12	ND SW846 6010C ¹	SW846 3050B ³
Chromium	18.4	1.1	mg/kg	1	06/19/12	06/21/12	ND SW846 6010C ¹	SW846 3050B ³
Cobalt	< 5.3	5.3	mg/kg	1	06/19/12	06/21/12	ND SW846 6010C ¹	SW846 3050B ³
Copper	9.3	2.6	mg/kg	1	06/19/12	06/21/12	ND SW846 6010C ¹	SW846 3050B ³
Iron	12200	53	mg/kg	1	06/19/12	06/21/12	ND SW846 6010C ¹	SW846 3050B ³
Lead	6.6	2.1	mg/kg	1	06/19/12	06/21/12	ND SW846 6010C ¹	SW846 3050B ³
Magnesium	1360	530	mg/kg	1	06/19/12	06/21/12	ND SW846 6010C ¹	SW846 3050B ³
Manganese	195	1.6	mg/kg	1	06/19/12	06/21/12	ND SW846 6010C ¹	SW846 3050B ³
Mercury	< 0.036	0.036	mg/kg	1	06/25/12	06/25/12	JW SW846 7471B ²	SW846 7471B ⁴
Nickel	9.4	4.2	mg/kg	1	06/19/12	06/21/12	ND SW846 6010C ¹	SW846 3050B ³
Potassium	< 1100	1100	mg/kg	1	06/19/12	06/21/12	ND SW846 6010C ¹	SW846 3050B ³
Selenium	< 2.1	2.1	mg/kg	1	06/19/12	06/21/12	ND SW846 6010C ¹	SW846 3050B ³
Silver	< 0.53	0.53	mg/kg	1	06/19/12	06/21/12	ND SW846 6010C ¹	SW846 3050B ³
Sodium	< 1100	1100	mg/kg	1	06/19/12	06/21/12	ND SW846 6010C ¹	SW846 3050B ³
Thallium	< 1.1	1.1	mg/kg	1	06/19/12	06/21/12	ND SW846 6010C ¹	SW846 3050B ³
Vanadium	14.4	5.3	mg/kg	1	06/19/12	06/21/12	ND SW846 6010C ¹	SW846 3050B ³
Zinc	15.9	2.1	mg/kg	1	06/19/12	06/21/12	ND SW846 6010C ¹	SW846 3050B ³

(1) Instrument QC Batch: MA28836

(2) Instrument QC Batch: MA28862

(3) Prep QC Batch: MP65065

(4) Prep QC Batch: MP65174

RL = Reporting Limit

Report of Analysis

Client Sample ID: SB-10 (13-15)	
Lab Sample ID: JB9125-7	Date Sampled: 06/15/12
Matrix: SO - Soil	Date Received: 06/15/12
Method: SW846 8260B	Percent Solids: 93.9
Project: Bluestone, 160th Street, Queens, NY	

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	V127122.D	1	06/20/12	OTR	n/a	n/a	VV5500
Run #2							

Run #1	Initial Weight
Run #1	4.9 g
Run #2	

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	15.6	11	1.8	ug/kg	
71-43-2	Benzene	ND	1.1	0.13	ug/kg	
74-97-5	Bromochloromethane	ND	5.4	0.29	ug/kg	
75-27-4	Bromodichloromethane	ND	5.4	0.11	ug/kg	
75-25-2	Bromoform	ND	5.4	0.16	ug/kg	
74-83-9	Bromomethane	ND	5.4	0.30	ug/kg	
78-93-3	2-Butanone (MEK)	ND	11	2.6	ug/kg	
75-15-0	Carbon disulfide	ND	5.4	0.13	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.4	0.14	ug/kg	
108-90-7	Chlorobenzene	ND	5.4	0.12	ug/kg	
75-00-3	Chloroethane	ND	5.4	0.25	ug/kg	
67-66-3	Chloroform	ND	5.4	0.090	ug/kg	
74-87-3	Chloromethane	ND	5.4	0.20	ug/kg	
110-82-7	Cyclohexane	ND	5.4	0.13	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	11	0.97	ug/kg	
124-48-1	Dibromochloromethane	ND	5.4	0.18	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	0.14	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	5.4	0.21	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	5.4	0.20	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	5.4	0.19	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.4	0.25	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.4	0.15	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.15	ug/kg	
75-35-4	1,1-Dichloroethene	ND	5.4	0.28	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	5.4	0.20	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	5.4	0.26	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.4	0.17	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.4	0.15	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.4	0.17	ug/kg	
123-91-1	1,4-Dioxane	ND	140	65	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.29	ug/kg	
76-13-1	Freon 113	ND	5.4	0.47	ug/kg	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-10 (13-15)	
Lab Sample ID: JB9125-7	Date Sampled: 06/15/12
Matrix: SO - Soil	Date Received: 06/15/12
Method: SW846 8260B	Percent Solids: 93.9
Project: Bluestone, 160th Street, Queens, NY	

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	5.4	0.68	ug/kg	
98-82-8	Isopropylbenzene	ND	5.4	0.081	ug/kg	
79-20-9	Methyl Acetate	ND	5.4	2.8	ug/kg	
108-87-2	Methylcyclohexane	ND	5.4	0.18	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	0.26	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.4	0.82	ug/kg	
75-09-2	Methylene chloride	ND	5.4	1.4	ug/kg	
100-42-5	Styrene	ND	5.4	0.10	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.4	0.14	ug/kg	
127-18-4	Tetrachloroethene	ND	5.4	0.19	ug/kg	
108-88-3	Toluene	ND	1.1	0.11	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.4	0.18	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.4	0.15	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.4	0.12	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.4	0.19	ug/kg	
79-01-6	Trichloroethene	ND	5.4	0.19	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.4	0.32	ug/kg	
75-01-4	Vinyl chloride	ND	5.4	0.16	ug/kg	
	m,p-Xylene	ND	1.1	0.19	ug/kg	
95-47-6	o-Xylene	ND	1.1	0.15	ug/kg	
1330-20-7	Xylene (total)	ND	1.1	0.15	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		70-130%
17060-07-0	1,2-Dichloroethane-D4	94%		70-122%
2037-26-5	Toluene-D8	102%		81-127%
460-00-4	4-Bromofluorobenzene	88%		66-132%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-10 (13-15)	
Lab Sample ID: JB9125-7	Date Sampled: 06/15/12
Matrix: SO - Soil	Date Received: 06/15/12
Method: SW846 8270D SW846 3550C	Percent Solids: 93.9
Project: Bluestone, 160th Street, Queens, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3E42386.D	1	06/19/12	KH	06/18/12	OP57755	E3E1850
Run #2							

Run #	Initial Weight	Final Volume
Run #1	35.1 g	1.0 ml
Run #2		

ABN TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	150	31	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	150	30	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	150	49	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	150	51	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	610	37	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	610	37	ug/kg	
95-48-7	2-Methylphenol	ND	61	35	ug/kg	
	3&4-Methylphenol	ND	61	39	ug/kg	
88-75-5	2-Nitrophenol	ND	150	32	ug/kg	
100-02-7	4-Nitrophenol	ND	300	51	ug/kg	
87-86-5	Pentachlorophenol	ND	300	52	ug/kg	
108-95-2	Phenol	ND	61	32	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	150	31	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	150	35	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	150	29	ug/kg	
83-32-9	Acenaphthene	ND	30	8.8	ug/kg	
208-96-8	Acenaphthylene	ND	30	9.7	ug/kg	
98-86-2	Acetophenone	ND	150	5.3	ug/kg	
120-12-7	Anthracene	ND	30	11	ug/kg	
1912-24-9	Atrazine	ND	150	6.0	ug/kg	
56-55-3	Benzo(a)anthracene	ND	30	9.9	ug/kg	
50-32-8	Benzo(a)pyrene	ND	30	9.3	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	30	10	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	30	11	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	30	11	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	61	11	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	61	18	ug/kg	
92-52-4	1,1'-Biphenyl	ND	61	3.5	ug/kg	
100-52-7	Benzaldehyde	ND	150	7.0	ug/kg	
91-58-7	2-Chloronaphthalene	ND	61	9.4	ug/kg	
106-47-8	4-Chloroaniline	ND	150	9.7	ug/kg	
86-74-8	Carbazole	ND	61	14	ug/kg	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-10 (13-15)	
Lab Sample ID: JB9125-7	Date Sampled: 06/15/12
Matrix: SO - Soil	Date Received: 06/15/12
Method: SW846 8270D SW846 3550C	Percent Solids: 93.9
Project: Bluestone, 160th Street, Queens, NY	

ABN TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	61	9.6	ug/kg	
218-01-9	Chrysene	ND	30	10	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	61	12	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	61	9.1	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	61	9.0	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	61	9.1	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	61	13	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	61	12	ug/kg	
91-94-1	3,3' -Dichlorobenzidine	ND	150	7.7	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	30	10	ug/kg	
132-64-9	Dibenzofuran	ND	61	9.0	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	61	6.7	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	61	15	ug/kg	
84-66-2	Diethyl phthalate	ND	61	10	ug/kg	
131-11-3	Dimethyl phthalate	ND	61	11	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	61	27	ug/kg	
206-44-0	Fluoranthene	ND	30	13	ug/kg	
86-73-7	Fluorene	ND	30	10	ug/kg	
118-74-1	Hexachlorobenzene	ND	61	9.9	ug/kg	
87-68-3	Hexachlorobutadiene	ND	30	8.4	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	300	31	ug/kg	
67-72-1	Hexachloroethane	ND	150	8.4	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	30	11	ug/kg	
78-59-1	Isophorone	ND	61	8.2	ug/kg	
91-57-6	2-Methylnaphthalene	ND	61	17	ug/kg	
88-74-4	2-Nitroaniline	ND	150	13	ug/kg	
99-09-2	3-Nitroaniline	ND	150	12	ug/kg	
100-01-6	4-Nitroaniline	ND	150	12	ug/kg	
91-20-3	Naphthalene	ND	30	8.3	ug/kg	
98-95-3	Nitrobenzene	ND	61	8.8	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	61	7.4	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	150	18	ug/kg	
85-01-8	Phenanthrene	ND	30	14	ug/kg	
129-00-0	Pyrene	ND	30	12	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	150	9.3	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	63%		21-116%
4165-62-2	Phenol-d5	61%		19-117%

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-10 (13-15) Lab Sample ID: JB9125-7 Matrix: SO - Soil Method: SW846 8270D SW846 3550C Project: Bluestone, 160th Street, Queens, NY	Date Sampled: 06/15/12 Date Received: 06/15/12 Percent Solids: 93.9
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ABN TCL List (SOM0 1.1)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
118-79-6	2,4,6-Tribromophenol	78%		24-136%
4165-60-0	Nitrobenzene-d5	68%		21-122%
321-60-8	2-Fluorobiphenyl	69%		30-117%
1718-51-0	Terphenyl-d14	99%		31-129%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

4.9
4

Report of Analysis

Client Sample ID: SB-10 (13-15)	
Lab Sample ID: JB9125-7	Date Sampled: 06/15/12
Matrix: SO - Soil	Date Received: 06/15/12
Method: SW846 8081B SW846 3546	Percent Solids: 93.9
Project: Bluestone, 160th Street, Queens, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G80764.D	1	06/21/12	DS	06/18/12	OP57753	G1G2692
Run #2							

Run #	Initial Weight	Final Volume
Run #1	15.7 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.68	0.34	ug/kg	
319-84-6	alpha-BHC	ND	0.68	0.51	ug/kg	
319-85-7	beta-BHC	ND	0.68	0.48	ug/kg	
319-86-8	delta-BHC	ND	0.68	0.40	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.68	0.31	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.68	0.44	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.68	0.35	ug/kg	
60-57-1	Dieldrin	ND	0.68	0.53	ug/kg	
72-54-8	4,4'-DDD	ND	0.68	0.35	ug/kg	
72-55-9	4,4'-DDE	ND	0.68	0.40	ug/kg	
50-29-3	4,4'-DDT	ND	0.68	0.50	ug/kg	
72-20-8	Endrin	ND	0.68	0.35	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.68	0.61	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.68	0.64	ug/kg	
959-98-8	Endosulfan-I	ND	0.68	0.33	ug/kg	
33213-65-9	Endosulfan-II	ND	0.68	0.45	ug/kg	
76-44-8	Heptachlor	ND	0.68	0.42	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.68	0.33	ug/kg	
72-43-5	Methoxychlor	ND	1.4	0.48	ug/kg	
53494-70-5	Endrin ketone	ND	0.68	0.44	ug/kg	
8001-35-2	Toxaphene	ND	17	8.5	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	67%		23-137%
877-09-8	Tetrachloro-m-xylene	72%		23-137%
2051-24-3	Decachlorobiphenyl	75%		22-160%
2051-24-3	Decachlorobiphenyl	77%		22-160%

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-10 (13-15)		Date Sampled: 06/15/12
Lab Sample ID: JB9125-7		Date Received: 06/15/12
Matrix: SO - Soil		Percent Solids: 93.9
Method: SW846 8082A SW846 3546		
Project: Bluestone, 160th Street, Queens, NY		

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2G68523.D	1	06/19/12	AZ	06/18/12	OP57752	G2G2395
Run #2							

Run #1	Initial Weight	Final Volume
Run #1	15.7 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	34	8.8	ug/kg	
11104-28-2	Aroclor 1221	ND	34	20	ug/kg	
11141-16-5	Aroclor 1232	ND	34	17	ug/kg	
53469-21-9	Aroclor 1242	ND	34	11	ug/kg	
12672-29-6	Aroclor 1248	ND	34	10	ug/kg	
11097-69-1	Aroclor 1254	ND	34	16	ug/kg	
11096-82-5	Aroclor 1260	ND	34	11	ug/kg	
11100-14-4	Aroclor 1268	ND	34	10	ug/kg	
37324-23-5	Aroclor 1262	ND	34	11	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	62%		22-141%
877-09-8	Tetrachloro-m-xylene	71%		22-141%
2051-24-3	Decachlorobiphenyl	54%		18-163%
2051-24-3	Decachlorobiphenyl	70%		18-163%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

4.9
4

Report of Analysis

Client Sample ID: SB-10 (13-15)	Date Sampled: 06/15/12
Lab Sample ID: JB9125-7	Date Received: 06/15/12
Matrix: SO - Soil	Percent Solids: 93.9
Project: Bluestone, 160th Street, Queens, NY	

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	2880	55	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Antimony	< 2.2	2.2	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Arsenic	< 2.2	2.2	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Barium	< 22	22	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Beryllium	< 0.22	0.22	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Cadmium	< 0.55	0.55	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Calcium	550	550	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Chromium	8.1	1.1	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Cobalt	< 5.5	5.5	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Copper	7.4	2.7	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Iron	14000	55	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Lead	< 2.2	2.2	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Magnesium	893	550	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Manganese	260	1.6	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Mercury	< 0.034	0.034	mg/kg	1	06/25/12	06/25/12	JW SW846 7471B ¹	SW846 7471B ⁴
Nickel	6.0	4.4	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Potassium	< 1100	1100	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Selenium	< 2.2	2.2	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Silver	< 0.55	0.55	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Sodium	< 1100	1100	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Thallium	< 1.1	1.1	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Vanadium	14.2	5.5	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Zinc	12.1	2.2	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³

(1) Instrument QC Batch: MA28862

(2) Instrument QC Batch: MA28894

(3) Prep QC Batch: MP65065

(4) Prep QC Batch: MP65174

RL = Reporting Limit

Report of Analysis

Client Sample ID: SB-11 (13-15)	
Lab Sample ID: JB9125-8	Date Sampled: 06/15/12
Matrix: SO - Soil	Date Received: 06/15/12
Method: SW846 8260B	Percent Solids: 95.9
Project: Bluestone, 160th Street, Queens, NY	

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	V127085.D	1	06/19/12	OTR	n/a	n/a	VV5499
Run #2							

Run #1	Initial Weight
Run #1	4.9 g
Run #2	

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	8.3	11	1.8	ug/kg	J
71-43-2	Benzene	ND	1.1	0.13	ug/kg	
74-97-5	Bromochloromethane	ND	5.3	0.28	ug/kg	
75-27-4	Bromodichloromethane	ND	5.3	0.11	ug/kg	
75-25-2	Bromoform	ND	5.3	0.16	ug/kg	
74-83-9	Bromomethane	ND	5.3	0.29	ug/kg	
78-93-3	2-Butanone (MEK)	ND	11	2.5	ug/kg	
75-15-0	Carbon disulfide	ND	5.3	0.12	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.3	0.14	ug/kg	
108-90-7	Chlorobenzene	ND	5.3	0.11	ug/kg	
75-00-3	Chloroethane	ND	5.3	0.24	ug/kg	
67-66-3	Chloroform	ND	5.3	0.088	ug/kg	
74-87-3	Chloromethane	ND	5.3	0.20	ug/kg	
110-82-7	Cyclohexane	ND	5.3	0.13	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	11	0.95	ug/kg	
124-48-1	Dibromochloromethane	ND	5.3	0.17	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	0.14	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	5.3	0.20	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	5.3	0.20	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	5.3	0.19	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.3	0.24	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.3	0.15	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.14	ug/kg	
75-35-4	1,1-Dichloroethene	ND	5.3	0.27	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	5.3	0.19	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	5.3	0.25	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.3	0.16	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.3	0.15	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.3	0.16	ug/kg	
123-91-1	1,4-Dioxane	ND	130	63	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.28	ug/kg	
76-13-1	Freon 113	ND	5.3	0.46	ug/kg	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-11 (13-15)	
Lab Sample ID: JB9125-8	Date Sampled: 06/15/12
Matrix: SO - Soil	Date Received: 06/15/12
Method: SW846 8260B	Percent Solids: 95.9
Project: Bluestone, 160th Street, Queens, NY	

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	5.3	0.66	ug/kg	
98-82-8	Isopropylbenzene	ND	5.3	0.079	ug/kg	
79-20-9	Methyl Acetate	ND	5.3	2.8	ug/kg	
108-87-2	Methylcyclohexane	ND	5.3	0.18	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	0.25	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.3	0.80	ug/kg	
75-09-2	Methylene chloride	ND	5.3	1.4	ug/kg	
100-42-5	Styrene	ND	5.3	0.098	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.3	0.14	ug/kg	
127-18-4	Tetrachloroethene	ND	5.3	0.18	ug/kg	
108-88-3	Toluene	ND	1.1	0.11	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.3	0.17	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.3	0.15	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.3	0.11	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.3	0.19	ug/kg	
79-01-6	Trichloroethene	ND	5.3	0.19	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.3	0.32	ug/kg	
75-01-4	Vinyl chloride	ND	5.3	0.15	ug/kg	
	m,p-Xylene	ND	1.1	0.19	ug/kg	
95-47-6	o-Xylene	ND	1.1	0.15	ug/kg	
1330-20-7	Xylene (total)	ND	1.1	0.15	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		70-130%
17060-07-0	1,2-Dichloroethane-D4	90%		70-122%
2037-26-5	Toluene-D8	103%		81-127%
460-00-4	4-Bromofluorobenzene	89%		66-132%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-11 (13-15)	
Lab Sample ID: JB9125-8	Date Sampled: 06/15/12
Matrix: SO - Soil	Date Received: 06/15/12
Method: SW846 8270D SW846 3550C	Percent Solids: 95.9
Project: Bluestone, 160th Street, Queens, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3E42387.D	1	06/19/12	KH	06/18/12	OP57755	E3E1850
Run #2							

Run #	Initial Weight	Final Volume
Run #1	35.3 g	1.0 ml
Run #2		

ABN TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	150	30	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	150	30	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	150	48	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	150	50	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	590	36	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	590	36	ug/kg	
95-48-7	2-Methylphenol	ND	59	34	ug/kg	
	3&4-Methylphenol	ND	59	38	ug/kg	
88-75-5	2-Nitrophenol	ND	150	31	ug/kg	
100-02-7	4-Nitrophenol	ND	300	50	ug/kg	
87-86-5	Pentachlorophenol	ND	300	51	ug/kg	
108-95-2	Phenol	ND	59	31	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	150	30	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	150	34	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	150	28	ug/kg	
83-32-9	Acenaphthene	ND	30	8.6	ug/kg	
208-96-8	Acenaphthylene	ND	30	9.5	ug/kg	
98-86-2	Acetophenone	ND	150	5.2	ug/kg	
120-12-7	Anthracene	ND	30	10	ug/kg	
1912-24-9	Atrazine	ND	150	5.8	ug/kg	
56-55-3	Benzo(a)anthracene	ND	30	9.6	ug/kg	
50-32-8	Benzo(a)pyrene	ND	30	9.0	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	30	9.9	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	30	11	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	30	11	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	59	11	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	59	17	ug/kg	
92-52-4	1,1'-Biphenyl	ND	59	3.4	ug/kg	
100-52-7	Benzaldehyde	ND	150	6.8	ug/kg	
91-58-7	2-Chloronaphthalene	ND	59	9.2	ug/kg	
106-47-8	4-Chloroaniline	ND	150	9.5	ug/kg	
86-74-8	Carbazole	ND	59	14	ug/kg	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-11 (13-15)	Date Sampled:	06/15/12
Lab Sample ID:	JB9125-8	Date Received:	06/15/12
Matrix:	SO - Soil	Percent Solids:	95.9
Method:	SW846 8270D SW846 3550C		
Project:	Bluestone, 160th Street, Queens, NY		

ABN TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	59	9.3	ug/kg	
218-01-9	Chrysene	ND	30	10	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	59	12	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	59	8.9	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	59	8.8	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	59	8.9	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	59	13	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	59	11	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	150	7.5	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	30	10	ug/kg	
132-64-9	Dibenzofuran	ND	59	8.8	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	59	6.6	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	59	14	ug/kg	
84-66-2	Diethyl phthalate	ND	59	10	ug/kg	
131-11-3	Dimethyl phthalate	ND	59	10	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	59	26	ug/kg	
206-44-0	Fluoranthene	ND	30	13	ug/kg	
86-73-7	Fluorene	ND	30	9.7	ug/kg	
118-74-1	Hexachlorobenzene	ND	59	9.6	ug/kg	
87-68-3	Hexachlorobutadiene	ND	30	8.2	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	300	30	ug/kg	
67-72-1	Hexachloroethane	ND	150	8.2	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	30	10	ug/kg	
78-59-1	Isophorone	ND	59	7.9	ug/kg	
91-57-6	2-Methylnaphthalene	ND	59	16	ug/kg	
88-74-4	2-Nitroaniline	ND	150	13	ug/kg	
99-09-2	3-Nitroaniline	ND	150	12	ug/kg	
100-01-6	4-Nitroaniline	ND	150	12	ug/kg	
91-20-3	Naphthalene	ND	30	8.1	ug/kg	
98-95-3	Nitrobenzene	ND	59	8.5	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	59	7.2	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	150	18	ug/kg	
85-01-8	Phenanthrene	ND	30	13	ug/kg	
129-00-0	Pyrene	ND	30	11	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	150	9.1	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	66%		21-116%
4165-62-2	Phenol-d5	63%		19-117%

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-11 (13-15) Lab Sample ID: JB9125-8 Matrix: SO - Soil Method: SW846 8270D SW846 3550C Project: Bluestone, 160th Street, Queens, NY	Date Sampled: 06/15/12 Date Received: 06/15/12 Percent Solids: 95.9
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ABN TCL List (SOM0 1.1)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
118-79-6	2,4,6-Tribromophenol	81%		24-136%
4165-60-0	Nitrobenzene-d5	72%		21-122%
321-60-8	2-Fluorobiphenyl	73%		30-117%
1718-51-0	Terphenyl-d14	101%		31-129%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

4.10
4

Report of Analysis

Client Sample ID: SB-11 (13-15)		
Lab Sample ID: JB9125-8		Date Sampled: 06/15/12
Matrix: SO - Soil		Date Received: 06/15/12
Method: SW846 8081B SW846 3546		Percent Solids: 95.9
Project: Bluestone, 160th Street, Queens, NY		

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G80765.D	1	06/21/12	DS	06/18/12	OP57753	G1G2692
Run #2							

Run #1	Initial Weight	Final Volume
Run #1	15.0 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.70	0.35	ug/kg	
319-84-6	alpha-BHC	ND	0.70	0.52	ug/kg	
319-85-7	beta-BHC	ND	0.70	0.49	ug/kg	
319-86-8	delta-BHC	ND	0.70	0.41	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.70	0.32	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.70	0.45	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.70	0.36	ug/kg	
60-57-1	Dieldrin	ND	0.70	0.54	ug/kg	
72-54-8	4,4'-DDD	ND	0.70	0.36	ug/kg	
72-55-9	4,4'-DDE	ND	0.70	0.41	ug/kg	
50-29-3	4,4'-DDT	ND	0.70	0.51	ug/kg	
72-20-8	Endrin	ND	0.70	0.36	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.70	0.63	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.70	0.66	ug/kg	
959-98-8	Endosulfan-I	ND	0.70	0.34	ug/kg	
33213-65-9	Endosulfan-II	ND	0.70	0.46	ug/kg	
76-44-8	Heptachlor	ND	0.70	0.43	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.70	0.34	ug/kg	
72-43-5	Methoxychlor	ND	1.4	0.49	ug/kg	
53494-70-5	Endrin ketone	ND	0.70	0.45	ug/kg	
8001-35-2	Toxaphene	ND	17	8.8	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	66%		23-137%
877-09-8	Tetrachloro-m-xylene	70%		23-137%
2051-24-3	Decachlorobiphenyl	81%		22-160%
2051-24-3	Decachlorobiphenyl	73%		22-160%

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-11 (13-15)		Date Sampled: 06/15/12
Lab Sample ID: JB9125-8		Date Received: 06/15/12
Matrix: SO - Soil		Percent Solids: 95.9
Method: SW846 8082A SW846 3546		
Project: Bluestone, 160th Street, Queens, NY		

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2G68544.D	1	06/20/12	OPM	06/18/12	OP57752	G2G2396
Run #2							

Run #1	Initial Weight	Final Volume
Run #1	15.0 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	35	9.0	ug/kg	
11104-28-2	Aroclor 1221	ND	35	21	ug/kg	
11141-16-5	Aroclor 1232	ND	35	18	ug/kg	
53469-21-9	Aroclor 1242	ND	35	11	ug/kg	
12672-29-6	Aroclor 1248	ND	35	11	ug/kg	
11097-69-1	Aroclor 1254	ND	35	16	ug/kg	
11096-82-5	Aroclor 1260	ND	35	11	ug/kg	
11100-14-4	Aroclor 1268	ND	35	10	ug/kg	
37324-23-5	Aroclor 1262	ND	35	11	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	71%		22-141%
877-09-8	Tetrachloro-m-xylene	76%		22-141%
2051-24-3	Decachlorobiphenyl	68%		18-163%
2051-24-3	Decachlorobiphenyl	80%		18-163%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

4.10
4

Report of Analysis

Client Sample ID: SB-11 (13-15)		Date Sampled: 06/15/12
Lab Sample ID: JB9125-8		Date Received: 06/15/12
Matrix: SO - Soil		Percent Solids: 95.9
Project: Bluestone, 160th Street, Queens, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	3080	53	mg/kg	1	06/19/12	06/28/12	BL	SW846 6010C ² SW846 3050B ³
Antimony	< 2.1	2.1	mg/kg	1	06/19/12	06/28/12	BL	SW846 6010C ² SW846 3050B ³
Arsenic	< 2.1	2.1	mg/kg	1	06/19/12	06/28/12	BL	SW846 6010C ² SW846 3050B ³
Barium	< 21	21	mg/kg	1	06/19/12	06/28/12	BL	SW846 6010C ² SW846 3050B ³
Beryllium	0.21	0.21	mg/kg	1	06/19/12	06/28/12	BL	SW846 6010C ² SW846 3050B ³
Cadmium	< 0.53	0.53	mg/kg	1	06/19/12	06/28/12	BL	SW846 6010C ² SW846 3050B ³
Calcium	580	530	mg/kg	1	06/19/12	06/28/12	BL	SW846 6010C ² SW846 3050B ³
Chromium	8.1	1.1	mg/kg	1	06/19/12	06/28/12	BL	SW846 6010C ² SW846 3050B ³
Cobalt	< 5.3	5.3	mg/kg	1	06/19/12	06/28/12	BL	SW846 6010C ² SW846 3050B ³
Copper	9.3	2.7	mg/kg	1	06/19/12	06/28/12	BL	SW846 6010C ² SW846 3050B ³
Iron	12500	53	mg/kg	1	06/19/12	06/28/12	BL	SW846 6010C ² SW846 3050B ³
Lead	< 2.1	2.1	mg/kg	1	06/19/12	06/28/12	BL	SW846 6010C ² SW846 3050B ³
Magnesium	1100	530	mg/kg	1	06/19/12	06/28/12	BL	SW846 6010C ² SW846 3050B ³
Manganese	174	1.6	mg/kg	1	06/19/12	06/28/12	BL	SW846 6010C ² SW846 3050B ³
Mercury	< 0.032	0.032	mg/kg	1	06/25/12	06/25/12	JW	SW846 7471B ¹ SW846 7471B ⁴
Nickel	5.9	4.3	mg/kg	1	06/19/12	06/28/12	BL	SW846 6010C ² SW846 3050B ³
Potassium	< 1100	1100	mg/kg	1	06/19/12	06/28/12	BL	SW846 6010C ² SW846 3050B ³
Selenium	< 2.1	2.1	mg/kg	1	06/19/12	06/28/12	BL	SW846 6010C ² SW846 3050B ³
Silver	< 0.53	0.53	mg/kg	1	06/19/12	06/28/12	BL	SW846 6010C ² SW846 3050B ³
Sodium	< 1100	1100	mg/kg	1	06/19/12	06/28/12	BL	SW846 6010C ² SW846 3050B ³
Thallium	< 1.1	1.1	mg/kg	1	06/19/12	06/28/12	BL	SW846 6010C ² SW846 3050B ³
Vanadium	12.7	5.3	mg/kg	1	06/19/12	06/28/12	BL	SW846 6010C ² SW846 3050B ³
Zinc	16.2	2.1	mg/kg	1	06/19/12	06/28/12	BL	SW846 6010C ² SW846 3050B ³

(1) Instrument QC Batch: MA28862

(2) Instrument QC Batch: MA28894

(3) Prep QC Batch: MP65065

(4) Prep QC Batch: MP65174

RL = Reporting Limit

4.10
4

Report of Analysis

Client Sample ID: SB-12 (13-15)	
Lab Sample ID: JB9125-9	Date Sampled: 06/15/12
Matrix: SO - Soil	Date Received: 06/15/12
Method: SW846 8260B	Percent Solids: 92.7
Project: Bluestone, 160th Street, Queens, NY	

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #2	V127123.D	1	06/20/12	OTR	n/a	n/a	VV5500

Run #1	Initial Weight
Run #2	4.8 g

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	18.9	11	1.9	ug/kg	
71-43-2	Benzene	ND	1.1	0.13	ug/kg	
74-97-5	Bromochloromethane	ND	5.6	0.30	ug/kg	
75-27-4	Bromodichloromethane	ND	5.6	0.12	ug/kg	
75-25-2	Bromoform	ND	5.6	0.17	ug/kg	
74-83-9	Bromomethane	ND	5.6	0.31	ug/kg	
78-93-3	2-Butanone (MEK)	ND	11	2.7	ug/kg	
75-15-0	Carbon disulfide	ND	5.6	0.13	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.6	0.15	ug/kg	
108-90-7	Chlorobenzene	ND	5.6	0.12	ug/kg	
75-00-3	Chloroethane	ND	5.6	0.26	ug/kg	
67-66-3	Chloroform	ND	5.6	0.093	ug/kg	
74-87-3	Chloromethane	ND	5.6	0.21	ug/kg	
110-82-7	Cyclohexane	ND	5.6	0.14	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	11	1.0	ug/kg	
124-48-1	Dibromochloromethane	ND	5.6	0.18	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	0.14	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	5.6	0.21	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	5.6	0.21	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	5.6	0.20	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.6	0.26	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.6	0.15	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.15	ug/kg	
75-35-4	1,1-Dichloroethene	ND	5.6	0.29	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	5.6	0.21	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	5.6	0.27	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.6	0.17	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.6	0.16	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.6	0.17	ug/kg	
123-91-1	1,4-Dioxane	ND	140	67	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.30	ug/kg	
76-13-1	Freon 113	ND	5.6	0.48	ug/kg	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-12 (13-15)	
Lab Sample ID: JB9125-9	Date Sampled: 06/15/12
Matrix: SO - Soil	Date Received: 06/15/12
Method: SW846 8260B	Percent Solids: 92.7
Project: Bluestone, 160th Street, Queens, NY	

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	5.6	0.70	ug/kg	
98-82-8	Isopropylbenzene	ND	5.6	0.083	ug/kg	
79-20-9	Methyl Acetate	ND	5.6	2.9	ug/kg	
108-87-2	Methylcyclohexane	ND	5.6	0.19	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	0.26	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.6	0.84	ug/kg	
75-09-2	Methylene chloride	6.8	5.6	1.4	ug/kg	
100-42-5	Styrene	ND	5.6	0.10	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.6	0.15	ug/kg	
127-18-4	Tetrachloroethene	ND	5.6	0.19	ug/kg	
108-88-3	Toluene	ND	1.1	0.12	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.6	0.18	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.6	0.16	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.6	0.12	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.6	0.20	ug/kg	
79-01-6	Trichloroethene	ND	5.6	0.20	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.6	0.33	ug/kg	
75-01-4	Vinyl chloride	ND	5.6	0.16	ug/kg	
	m,p-Xylene	ND	1.1	0.20	ug/kg	
95-47-6	o-Xylene	ND	1.1	0.16	ug/kg	
1330-20-7	Xylene (total)	ND	1.1	0.16	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		70-130%
17060-07-0	1,2-Dichloroethane-D4	92%		70-122%
2037-26-5	Toluene-D8	102%		81-127%
460-00-4	4-Bromofluorobenzene	87%		66-132%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-12 (13-15)	
Lab Sample ID: JB9125-9	Date Sampled: 06/15/12
Matrix: SO - Soil	Date Received: 06/15/12
Method: SW846 8270D SW846 3550C	Percent Solids: 92.7
Project: Bluestone, 160th Street, Queens, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3E42388.D	1	06/19/12	KH	06/18/12	OP57755	E3E1850
Run #2							

Run #	Initial Weight	Final Volume
Run #1	35.3 g	1.0 ml
Run #2		

ABN TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	150	31	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	150	31	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	150	49	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	150	51	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	610	37	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	610	37	ug/kg	
95-48-7	2-Methylphenol	ND	61	35	ug/kg	
	3&4-Methylphenol	ND	61	39	ug/kg	
88-75-5	2-Nitrophenol	ND	150	32	ug/kg	
100-02-7	4-Nitrophenol	ND	310	52	ug/kg	
87-86-5	Pentachlorophenol	ND	310	52	ug/kg	
108-95-2	Phenol	ND	61	32	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	150	31	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	150	35	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	150	29	ug/kg	
83-32-9	Acenaphthene	ND	31	8.9	ug/kg	
208-96-8	Acenaphthylene	ND	31	9.8	ug/kg	
98-86-2	Acetophenone	ND	150	5.4	ug/kg	
120-12-7	Anthracene	ND	31	11	ug/kg	
1912-24-9	Atrazine	ND	150	6.0	ug/kg	
56-55-3	Benzo(a)anthracene	50.3	31	10	ug/kg	
50-32-8	Benzo(a)pyrene	64.1	31	9.3	ug/kg	
205-99-2	Benzo(b)fluoranthene	76.2	31	10	ug/kg	
191-24-2	Benzo(g,h,i)perylene	41.3	31	11	ug/kg	
207-08-9	Benzo(k)fluoranthene	32.3	31	11	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	61	11	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	61	18	ug/kg	
92-52-4	1,1'-Biphenyl	ND	61	3.5	ug/kg	
100-52-7	Benzaldehyde	ND	150	7.0	ug/kg	
91-58-7	2-Chloronaphthalene	ND	61	9.5	ug/kg	
106-47-8	4-Chloroaniline	ND	150	9.8	ug/kg	
86-74-8	Carbazole	ND	61	14	ug/kg	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-12 (13-15)	Date Sampled:	06/15/12
Lab Sample ID:	JB9125-9	Date Received:	06/15/12
Matrix:	SO - Soil	Percent Solids:	92.7
Method:	SW846 8270D SW846 3550C		
Project:	Bluestone, 160th Street, Queens, NY		

ABN TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	61	9.6	ug/kg	
218-01-9	Chrysene	50.5	31	10	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	61	12	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	61	9.2	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	61	9.1	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	61	9.2	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	61	13	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	61	12	ug/kg	
91-94-1	3,3' -Dichlorobenzidine	ND	150	7.8	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	14.6	31	10	ug/kg	J
132-64-9	Dibenzofuran	ND	61	9.1	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	61	6.8	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	61	15	ug/kg	
84-66-2	Diethyl phthalate	ND	61	10	ug/kg	
131-11-3	Dimethyl phthalate	ND	61	11	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	61	27	ug/kg	
206-44-0	Fluoranthene	57.4	31	13	ug/kg	
86-73-7	Fluorene	ND	31	10	ug/kg	
118-74-1	Hexachlorobenzene	ND	61	10	ug/kg	
87-68-3	Hexachlorobutadiene	ND	31	8.5	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	310	31	ug/kg	
67-72-1	Hexachloroethane	ND	150	8.5	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	38.3	31	11	ug/kg	
78-59-1	Isophorone	ND	61	8.2	ug/kg	
91-57-6	2-Methylnaphthalene	ND	61	17	ug/kg	
88-74-4	2-Nitroaniline	ND	150	13	ug/kg	
99-09-2	3-Nitroaniline	ND	150	12	ug/kg	
100-01-6	4-Nitroaniline	ND	150	12	ug/kg	
91-20-3	Naphthalene	ND	31	8.3	ug/kg	
98-95-3	Nitrobenzene	ND	61	8.8	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	61	7.5	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	150	18	ug/kg	
85-01-8	Phenanthrene	28.4	31	14	ug/kg	J
129-00-0	Pyrene	61.1	31	12	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	150	9.4	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	53%		21-116%
4165-62-2	Phenol-d5	53%		19-117%

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-12 (13-15) Lab Sample ID: JB9125-9 Matrix: SO - Soil Method: SW846 8270D SW846 3550C Project: Bluestone, 160th Street, Queens, NY	Date Sampled: 06/15/12 Date Received: 06/15/12 Percent Solids: 92.7
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ABN TCL List (SOM0 1.1)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
118-79-6	2,4,6-Tribromophenol	75%		24-136%
4165-60-0	Nitrobenzene-d5	53%		21-122%
321-60-8	2-Fluorobiphenyl	57%		30-117%
1718-51-0	Terphenyl-d14	94%		31-129%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

4.11
4

Report of Analysis

Client Sample ID: SB-12 (13-15)	
Lab Sample ID: JB9125-9	Date Sampled: 06/15/12
Matrix: SO - Soil	Date Received: 06/15/12
Method: SW846 8081B SW846 3546	Percent Solids: 92.7
Project: Bluestone, 160th Street, Queens, NY	

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G80766.D	1	06/21/12	DS	06/18/12	OP57753	G1G2692
Run #2							

Run #1	Initial Weight	Final Volume
Run #1	15.0 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.72	0.36	ug/kg	
319-84-6	alpha-BHC	ND	0.72	0.54	ug/kg	
319-85-7	beta-BHC	ND	0.72	0.50	ug/kg	
319-86-8	delta-BHC	ND	0.72	0.42	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.72	0.33	ug/kg	
5103-71-9	alpha-Chlordane	1.8	0.72	0.47	ug/kg	
5103-74-2	gamma-Chlordane	1.9	0.72	0.37	ug/kg	
60-57-1	Dieldrin	0.81	0.72	0.56	ug/kg	
72-54-8	4,4'-DDD	ND	0.72	0.37	ug/kg	
72-55-9	4,4'-DDE	ND	0.72	0.42	ug/kg	
50-29-3	4,4'-DDT	ND	0.72	0.53	ug/kg	
72-20-8	Endrin	ND	0.72	0.37	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.72	0.65	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.72	0.68	ug/kg	
959-98-8	Endosulfan-I	ND	0.72	0.35	ug/kg	
33213-65-9	Endosulfan-II	ND	0.72	0.47	ug/kg	
76-44-8	Heptachlor	ND	0.72	0.44	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.72	0.35	ug/kg	
72-43-5	Methoxychlor	ND	1.4	0.51	ug/kg	
53494-70-5	Endrin ketone	ND	0.72	0.47	ug/kg	
8001-35-2	Toxaphene	ND	18	9.1	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	48%		23-137%
877-09-8	Tetrachloro-m-xylene	50%		23-137%
2051-24-3	Decachlorobiphenyl	67%		22-160%
2051-24-3	Decachlorobiphenyl	63%		22-160%

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-12 (13-15)		Date Sampled: 06/15/12
Lab Sample ID: JB9125-9		Date Received: 06/15/12
Matrix: SO - Soil		Percent Solids: 92.7
Method: SW846 8082A SW846 3546		
Project: Bluestone, 160th Street, Queens, NY		

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2G68545.D	1	06/20/12	OPM	06/18/12	OP57752	G2G2396
Run #2							

Run #1	Initial Weight	Final Volume
Run #1	15.0 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	36	9.3	ug/kg	
11104-28-2	Aroclor 1221	ND	36	22	ug/kg	
11141-16-5	Aroclor 1232	ND	36	18	ug/kg	
53469-21-9	Aroclor 1242	ND	36	11	ug/kg	
12672-29-6	Aroclor 1248	ND	36	11	ug/kg	
11097-69-1	Aroclor 1254	ND	36	17	ug/kg	
11096-82-5	Aroclor 1260	ND	36	12	ug/kg	
11100-14-4	Aroclor 1268	ND	36	11	ug/kg	
37324-23-5	Aroclor 1262	ND	36	11	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	51%		22-141%
877-09-8	Tetrachloro-m-xylene	55%		22-141%
2051-24-3	Decachlorobiphenyl	63%		18-163%
2051-24-3	Decachlorobiphenyl	73%		18-163%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

4.11
4

Report of Analysis

Client Sample ID: SB-12 (13-15)	Date Sampled: 06/15/12
Lab Sample ID: JB9125-9	Date Received: 06/15/12
Matrix: SO - Soil	Percent Solids: 92.7
Project: Bluestone, 160th Street, Queens, NY	

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	3900	52	mg/kg	1	06/19/12	06/28/12 BL	SW846 6010C ²	SW846 3050B ³
Antimony	< 2.1	2.1	mg/kg	1	06/19/12	06/28/12 BL	SW846 6010C ²	SW846 3050B ³
Arsenic	< 2.1	2.1	mg/kg	1	06/19/12	06/28/12 BL	SW846 6010C ²	SW846 3050B ³
Barium	35.2	21	mg/kg	1	06/19/12	06/28/12 BL	SW846 6010C ²	SW846 3050B ³
Beryllium	0.28	0.21	mg/kg	1	06/19/12	06/28/12 BL	SW846 6010C ²	SW846 3050B ³
Cadmium	< 0.52	0.52	mg/kg	1	06/19/12	06/28/12 BL	SW846 6010C ²	SW846 3050B ³
Calcium	4510	520	mg/kg	1	06/19/12	06/28/12 BL	SW846 6010C ²	SW846 3050B ³
Chromium	12.3	1.0	mg/kg	1	06/19/12	06/28/12 BL	SW846 6010C ²	SW846 3050B ³
Cobalt	< 5.2	5.2	mg/kg	1	06/19/12	06/28/12 BL	SW846 6010C ²	SW846 3050B ³
Copper	12.7	2.6	mg/kg	1	06/19/12	06/28/12 BL	SW846 6010C ²	SW846 3050B ³
Iron	16600	52	mg/kg	1	06/19/12	06/28/12 BL	SW846 6010C ²	SW846 3050B ³
Lead	21.4	2.1	mg/kg	1	06/19/12	06/28/12 BL	SW846 6010C ²	SW846 3050B ³
Magnesium	1560	520	mg/kg	1	06/19/12	06/28/12 BL	SW846 6010C ²	SW846 3050B ³
Manganese	267	1.6	mg/kg	1	06/19/12	06/28/12 BL	SW846 6010C ²	SW846 3050B ³
Mercury	0.044	0.031	mg/kg	1	06/25/12	06/25/12 JW	SW846 7471B ¹	SW846 7471B ⁴
Nickel	13.7	4.2	mg/kg	1	06/19/12	06/28/12 BL	SW846 6010C ²	SW846 3050B ³
Potassium	< 1000	1000	mg/kg	1	06/19/12	06/28/12 BL	SW846 6010C ²	SW846 3050B ³
Selenium	< 2.1	2.1	mg/kg	1	06/19/12	06/28/12 BL	SW846 6010C ²	SW846 3050B ³
Silver	0.71	0.52	mg/kg	1	06/19/12	06/28/12 BL	SW846 6010C ²	SW846 3050B ³
Sodium	< 1000	1000	mg/kg	1	06/19/12	06/28/12 BL	SW846 6010C ²	SW846 3050B ³
Thallium	< 1.0	1.0	mg/kg	1	06/19/12	06/28/12 BL	SW846 6010C ²	SW846 3050B ³
Vanadium	23.9	5.2	mg/kg	1	06/19/12	06/28/12 BL	SW846 6010C ²	SW846 3050B ³
Zinc	35.8	2.1	mg/kg	1	06/19/12	06/28/12 BL	SW846 6010C ²	SW846 3050B ³

(1) Instrument QC Batch: MA28862

(2) Instrument QC Batch: MA28894

(3) Prep QC Batch: MP65065

(4) Prep QC Batch: MP65174

RL = Reporting Limit

Report of Analysis

Client Sample ID: DUP061512		Date Sampled: 06/15/12
Lab Sample ID: JB9125-10		Date Received: 06/15/12
Matrix: AQ - Ground Water		Percent Solids: n/a
Method: SW846 8260B		
Project: Bluestone, 160th Street, Queens, NY		

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C105099.D	1	06/20/12	VM	n/a	n/a	V1C4654
Run #2							

Run #1	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.3	ug/l	
71-43-2	Benzene	ND	1.0	0.24	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.30	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.21	ug/l	
75-25-2	Bromoform	ND	4.0	0.21	ug/l	
74-83-9	Bromomethane	ND	2.0	0.22	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.4	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.19	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.22	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.23	ug/l	
75-00-3	Chloroethane	ND	1.0	0.26	ug/l	
67-66-3	Chloroform	ND	1.0	0.20	ug/l	
74-87-3	Chloromethane	ND	1.0	0.21	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.35	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	0.54	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.14	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.20	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.22	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.30	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.27	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.11	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.26	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.19	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.19	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.21	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.48	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
123-91-1	1,4-Dioxane	ND	130	75	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.23	ug/l	
76-13-1	Freon 113	ND	5.0	0.53	ug/l	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: DUP061512	
Lab Sample ID: JB9125-10	Date Sampled: 06/15/12
Matrix: AQ - Ground Water	Date Received: 06/15/12
Method: SW846 8260B	Percent Solids: n/a
Project: Bluestone, 160th Street, Queens, NY	

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	5.0	1.1	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.45	ug/l	
79-20-9	Methyl Acetate	ND	5.0	1.2	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.26	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.16	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	0.83	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.70	ug/l	
100-42-5	Styrene	ND	5.0	0.21	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.21	ug/l	
127-18-4	Tetrachloroethene	0.34	1.0	0.28	ug/l	J
108-88-3	Toluene	ND	1.0	0.23	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.28	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.29	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.22	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.27	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.21	ug/l	
	m,p-Xylene	ND	1.0	0.42	ug/l	
95-47-6	o-Xylene	ND	1.0	0.24	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.24	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	92%		81-121%
17060-07-0	1,2-Dichloroethane-D4	104%		74-127%
2037-26-5	Toluene-D8	101%		80-122%
460-00-4	4-Bromofluorobenzene	90%		78-116%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: DUP061512		Date Sampled: 06/15/12
Lab Sample ID: JB9125-10		Date Received: 06/15/12
Matrix: AQ - Ground Water		Percent Solids: n/a
Method: SW846 8270D SW846 3510C		
Project: Bluestone, 160th Street, Queens, NY		

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R93329.D	1	06/22/12	OYA	06/18/12	OP57756	ER3642
Run #2							

Run #1	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.0	0.97	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	1.8	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	1.2	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	1.5	ug/l	
51-28-5	2,4-Dinitrophenol	ND	20	17	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	20	0.99	ug/l	
95-48-7	2-Methylphenol	ND	2.0	1.0	ug/l	
	3&4-Methylphenol	ND	2.0	0.93	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	1.5	ug/l	
100-02-7	4-Nitrophenol	ND	10	5.2	ug/l	
87-86-5	Pentachlorophenol	ND	10	1.4	ug/l	
108-95-2	Phenol	ND	2.0	1.3	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	0.94	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	1.6	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	1.3	ug/l	
83-32-9	Acenaphthene	ND	1.0	0.26	ug/l	
208-96-8	Acenaphthylene	ND	1.0	0.23	ug/l	
98-86-2	Acetophenone	ND	2.0	0.29	ug/l	
120-12-7	Anthracene	ND	1.0	0.29	ug/l	
1912-24-9	Atrazine	ND	5.0	0.49	ug/l	
100-52-7	Benzaldehyde	ND	5.0	3.3	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.0	0.23	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.0	0.23	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.0	0.46	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	0.32	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.0	0.51	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.36	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.0	0.29	ug/l	
92-52-4	1,1'-Biphenyl	ND	1.0	0.30	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.0	0.30	ug/l	
106-47-8	4-Chloroaniline	ND	5.0	0.53	ug/l	
86-74-8	Carbazole	ND	1.0	0.36	ug/l	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP061512	Date Sampled:	06/15/12
Lab Sample ID:	JB9125-10	Date Received:	06/15/12
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270D SW846 3510C		
Project:	Bluestone, 160th Street, Queens, NY		

ABN TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	2.0	0.69	ug/l	
218-01-9	Chrysene	ND	1.0	0.29	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	0.31	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.0	0.31	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.0	0.45	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.31	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	2.0	0.43	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	2.0	0.46	ug/l	
91-94-1	3,3' -Dichlorobenzidine	ND	5.0	0.36	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.38	ug/l	
132-64-9	Dibenzofuran	ND	5.0	0.27	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.0	0.56	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.0	0.31	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	0.33	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	0.28	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	0.59	ug/l	
206-44-0	Fluoranthene	ND	1.0	0.32	ug/l	
86-73-7	Fluorene	ND	1.0	0.28	ug/l	
118-74-1	Hexachlorobenzene	ND	1.0	0.34	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.51	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	10	7.1	ug/l	
67-72-1	Hexachloroethane	ND	2.0	0.55	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.0	0.37	ug/l	
78-59-1	Isophorone	ND	2.0	0.27	ug/l	
91-57-6	2-Methylnaphthalene	ND	1.0	0.38	ug/l	
88-74-4	2-Nitroaniline	ND	5.0	1.1	ug/l	
99-09-2	3-Nitroaniline	ND	5.0	1.3	ug/l	
100-01-6	4-Nitroaniline	ND	5.0	1.7	ug/l	
91-20-3	Naphthalene	ND	1.0	0.26	ug/l	
98-95-3	Nitrobenzene	ND	2.0	0.42	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.0	0.30	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	0.31	ug/l	
85-01-8	Phenanthrene	ND	1.0	0.29	ug/l	
129-00-0	Pyrene	ND	1.0	0.27	ug/l	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	2.0	0.31	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	41%		10-83%
4165-62-2	Phenol-d5	22%		10-74%

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: DUP061512 Lab Sample ID: JB9125-10 Matrix: AQ - Ground Water Method: SW846 8270D SW846 3510C Project: Bluestone, 160th Street, Queens, NY	Date Sampled: 06/15/12 Date Received: 06/15/12 Percent Solids: n/a
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ABN TCL List (SOM0 1.1)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
118-79-6	2,4,6-Tribromophenol	86%		24-148%
4165-60-0	Nitrobenzene-d5	90%		38-129%
321-60-8	2-Fluorobiphenyl	91%		42-117%
1718-51-0	Terphenyl-d14	98%		14-132%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

4.12
4

Report of Analysis

Client Sample ID: DUP061512		Date Sampled: 06/15/12
Lab Sample ID: JB9125-10		Date Received: 06/15/12
Matrix: AQ - Ground Water		Percent Solids: n/a
Method: SW846 8081B SW846 3510C		
Project: Bluestone, 160th Street, Queens, NY		

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G80681.D	1	06/20/12	DS	06/18/12	OP57760	G1G2688
Run #2							

Run #1	Initial Volume	Final Volume
Run #1	920 ml	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.011	0.010	ug/l	
319-84-6	alpha-BHC	ND	0.011	0.0043	ug/l	
319-85-7	beta-BHC	ND	0.011	0.0041	ug/l	
319-86-8	delta-BHC	ND	0.011	0.0067	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.011	0.0045	ug/l	
5103-71-9	alpha-Chlordane	ND	0.011	0.0054	ug/l	
5103-74-2	gamma-Chlordane	ND	0.011	0.0025	ug/l	
60-57-1	Dieldrin	ND	0.011	0.0036	ug/l	
72-54-8	4,4'-DDD	ND	0.011	0.0039	ug/l	
72-55-9	4,4'-DDE	ND	0.011	0.0032	ug/l	
50-29-3	4,4'-DDT	ND	0.011	0.0065	ug/l	
72-20-8	Endrin	ND	0.011	0.0069	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.011	0.0070	ug/l	
7421-93-4	Endrin aldehyde	ND	0.011	0.0031	ug/l	
53494-70-5	Endrin ketone	ND	0.011	0.0044	ug/l	
959-98-8	Endosulfan-I	ND	0.011	0.0033	ug/l	
33213-65-9	Endosulfan-II	ND	0.011	0.0030	ug/l	
76-44-8	Heptachlor	ND	0.011	0.0091	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.011	0.0041	ug/l	
72-43-5	Methoxychlor	ND	0.022	0.0089	ug/l	
8001-35-2	Toxaphene	ND	0.27	0.16	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	97%		26-145%
877-09-8	Tetrachloro-m-xylene	96%		26-145%
2051-24-3	Decachlorobiphenyl	49%		10-141%
2051-24-3	Decachlorobiphenyl	44%		10-141%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

4.12
4

Report of Analysis

Client Sample ID: DUP061512	Date Sampled: 06/15/12
Lab Sample ID: JB9125-10	Date Received: 06/15/12
Matrix: AQ - Ground Water	Percent Solids: n/a
Method: SW846 8082A SW846 3510C	
Project: Bluestone, 160th Street, Queens, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF110184.D	1	06/19/12	GAD	06/18/12	OP57759	GEF4512
Run #2							

Run #	Initial Volume	Final Volume
Run #1	920 ml	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.54	0.14	ug/l	
11104-28-2	Aroclor 1221	ND	0.54	0.29	ug/l	
11141-16-5	Aroclor 1232	ND	0.54	0.42	ug/l	
53469-21-9	Aroclor 1242	ND	0.54	0.093	ug/l	
12672-29-6	Aroclor 1248	ND	0.54	0.16	ug/l	
11097-69-1	Aroclor 1254	ND	0.54	0.15	ug/l	
11096-82-5	Aroclor 1260	ND	0.54	0.23	ug/l	
11100-14-4	Aroclor 1268	ND	0.54	0.14	ug/l	
37324-23-5	Aroclor 1262	ND	0.54	0.065	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	87%		27-144%
877-09-8	Tetrachloro-m-xylene	105%		27-144%
2051-24-3	Decachlorobiphenyl	62%		10-139%
2051-24-3	Decachlorobiphenyl	71%		10-139%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

4.12
4

Report of Analysis

Client Sample ID: DUP061512		Date Sampled: 06/15/12
Lab Sample ID: JB9125-10F		Date Received: 06/15/12
Matrix: AQ - Groundwater Filtered		Percent Solids: n/a
Project: Bluestone, 160th Street, Queens, NY		

Dissolved Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	< 200	200	ug/l	1	06/20/12	06/21/12	BL SW846 6010C ¹	SW846 3010A ⁴
Antimony	< 6.0	6.0	ug/l	1	06/20/12	06/21/12	BL SW846 6010C ¹	SW846 3010A ⁴
Arsenic	< 3.0	3.0	ug/l	1	06/20/12	06/21/12	BL SW846 6010C ¹	SW846 3010A ⁴
Barium	< 200	200	ug/l	1	06/20/12	06/21/12	BL SW846 6010C ¹	SW846 3010A ⁴
Beryllium	< 1.0	1.0	ug/l	1	06/20/12	06/21/12	BL SW846 6010C ¹	SW846 3010A ⁴
Cadmium	< 3.0	3.0	ug/l	1	06/20/12	06/21/12	BL SW846 6010C ¹	SW846 3010A ⁴
Calcium	69500	5000	ug/l	1	06/20/12	06/21/12	BL SW846 6010C ¹	SW846 3010A ⁴
Chromium	< 10	10	ug/l	1	06/20/12	06/21/12	BL SW846 6010C ¹	SW846 3010A ⁴
Cobalt	< 50	50	ug/l	1	06/20/12	06/21/12	BL SW846 6010C ¹	SW846 3010A ⁴
Copper	< 10	10	ug/l	1	06/20/12	06/21/12	BL SW846 6010C ¹	SW846 3010A ⁴
Iron	< 100	100	ug/l	1	06/20/12	06/21/12	BL SW846 6010C ¹	SW846 3010A ⁴
Lead	< 3.0	3.0	ug/l	1	06/20/12	06/21/12	BL SW846 6010C ¹	SW846 3010A ⁴
Magnesium	13600	5000	ug/l	1	06/20/12	06/21/12	BL SW846 6010C ¹	SW846 3010A ⁴
Manganese	3330	15	ug/l	1	06/20/12	06/21/12	BL SW846 6010C ¹	SW846 3010A ⁴
Mercury	< 0.20	0.20	ug/l	1	06/22/12	06/22/12	JW SW846 7470A ²	SW846 7470A ⁵
Nickel	32.7	10	ug/l	1	06/20/12	06/21/12	BL SW846 6010C ¹	SW846 3010A ⁴
Potassium	< 10000	10000	ug/l	1	06/20/12	06/21/12	BL SW846 6010C ¹	SW846 3010A ⁴
Selenium	< 10	10	ug/l	1	06/20/12	06/21/12	BL SW846 6010C ¹	SW846 3010A ⁴
Silver	< 10	10	ug/l	1	06/20/12	06/21/12	BL SW846 6010C ¹	SW846 3010A ⁴
Sodium	108000	10000	ug/l	1	06/20/12	06/21/12	BL SW846 6010C ¹	SW846 3010A ⁴
Thallium	< 2.0	2.0	ug/l	1	06/20/12	06/29/12	ND SW846 6010C ³	SW846 3010A ⁴
Vanadium	< 50	50	ug/l	1	06/20/12	06/21/12	BL SW846 6010C ¹	SW846 3010A ⁴
Zinc	< 20	20	ug/l	1	06/20/12	06/21/12	BL SW846 6010C ¹	SW846 3010A ⁴

- (1) Instrument QC Batch: MA28838
- (2) Instrument QC Batch: MA28858
- (3) Instrument QC Batch: MA28899
- (4) Prep QC Batch: MP65077
- (5) Prep QC Batch: MP65148

RL = Reporting Limit

4.13
4

Report of Analysis

Client Sample ID: DUP061512B		Date Sampled: 06/15/12
Lab Sample ID: JB9125-11		Date Received: 06/15/12
Matrix: SO - Soil		Percent Solids: 93.1
Method: SW846 8260B		
Project: Bluestone, 160th Street, Queens, NY		

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #2	V127124.D	1	06/20/12	OTR	n/a	n/a	VV5500

Run #1	Initial Weight
Run #2	4.3 g

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	18.9	12	2.1	ug/kg	
71-43-2	Benzene	ND	1.2	0.15	ug/kg	
74-97-5	Bromochloromethane	ND	6.2	0.33	ug/kg	
75-27-4	Bromodichloromethane	ND	6.2	0.13	ug/kg	
75-25-2	Bromoform	ND	6.2	0.19	ug/kg	
74-83-9	Bromomethane	ND	6.2	0.34	ug/kg	
78-93-3	2-Butanone (MEK)	ND	12	3.0	ug/kg	
75-15-0	Carbon disulfide	ND	6.2	0.15	ug/kg	
56-23-5	Carbon tetrachloride	ND	6.2	0.17	ug/kg	
108-90-7	Chlorobenzene	ND	6.2	0.13	ug/kg	
75-00-3	Chloroethane	ND	6.2	0.28	ug/kg	
67-66-3	Chloroform	ND	6.2	0.10	ug/kg	
74-87-3	Chloromethane	ND	6.2	0.23	ug/kg	
110-82-7	Cyclohexane	ND	6.2	0.15	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	12	1.1	ug/kg	
124-48-1	Dibromochloromethane	ND	6.2	0.20	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.2	0.16	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	6.2	0.24	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	6.2	0.23	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	6.2	0.22	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.2	0.28	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.2	0.17	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.2	0.17	ug/kg	
75-35-4	1,1-Dichloroethene	ND	6.2	0.32	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	6.2	0.23	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	6.2	0.30	ug/kg	
78-87-5	1,2-Dichloropropane	ND	6.2	0.19	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	6.2	0.17	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	6.2	0.19	ug/kg	
123-91-1	1,4-Dioxane	ND	160	74	ug/kg	
100-41-4	Ethylbenzene	ND	1.2	0.33	ug/kg	
76-13-1	Freon 113	ND	6.2	0.54	ug/kg	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP061512B	Date Sampled:	06/15/12
Lab Sample ID:	JB9125-11	Date Received:	06/15/12
Matrix:	SO - Soil	Percent Solids:	93.1
Method:	SW846 8260B		
Project:	Bluestone, 160th Street, Queens, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	6.2	0.78	ug/kg	
98-82-8	Isopropylbenzene	ND	6.2	0.093	ug/kg	
79-20-9	Methyl Acetate	ND	6.2	3.2	ug/kg	
108-87-2	Methylcyclohexane	ND	6.2	0.21	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.2	0.29	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	6.2	0.94	ug/kg	
75-09-2	Methylene chloride	ND	6.2	1.6	ug/kg	
100-42-5	Styrene	ND	6.2	0.11	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.2	0.16	ug/kg	
127-18-4	Tetrachloroethene	ND	6.2	0.21	ug/kg	
108-88-3	Toluene	ND	1.2	0.13	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.2	0.20	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.2	0.17	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.2	0.13	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	6.2	0.22	ug/kg	
79-01-6	Trichloroethene	ND	6.2	0.22	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.2	0.37	ug/kg	
75-01-4	Vinyl chloride	ND	6.2	0.18	ug/kg	
	m,p-Xylene	ND	1.2	0.22	ug/kg	
95-47-6	o-Xylene	ND	1.2	0.17	ug/kg	
1330-20-7	Xylene (total)	ND	1.2	0.17	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		70-130%
17060-07-0	1,2-Dichloroethane-D4	94%		70-122%
2037-26-5	Toluene-D8	103%		81-127%
460-00-4	4-Bromofluorobenzene	89%		66-132%

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: DUP061512B		Date Sampled: 06/15/12
Lab Sample ID: JB9125-11		Date Received: 06/15/12
Matrix: SO - Soil		Percent Solids: 93.1
Method: SW846 8270D SW846 3550C		
Project: Bluestone, 160th Street, Queens, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3E42389.D	1	06/19/12	KH	06/18/12	OP57755	E3E1850
Run #2							

Run #	Initial Weight	Final Volume
Run #1	35.2 g	1.0 ml
Run #2		

ABN TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	150	31	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	150	31	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	150	49	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	150	51	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	610	37	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	610	37	ug/kg	
95-48-7	2-Methylphenol	ND	61	35	ug/kg	
	3&4-Methylphenol	ND	61	39	ug/kg	
88-75-5	2-Nitrophenol	ND	150	32	ug/kg	
100-02-7	4-Nitrophenol	ND	310	52	ug/kg	
87-86-5	Pentachlorophenol	ND	310	52	ug/kg	
108-95-2	Phenol	ND	61	32	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	150	31	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	150	35	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	150	29	ug/kg	
83-32-9	Acenaphthene	ND	31	8.8	ug/kg	
208-96-8	Acenaphthylene	ND	31	9.8	ug/kg	
98-86-2	Acetophenone	ND	150	5.4	ug/kg	
120-12-7	Anthracene	ND	31	11	ug/kg	
1912-24-9	Atrazine	ND	150	6.0	ug/kg	
56-55-3	Benzo(a)anthracene	ND	31	9.9	ug/kg	
50-32-8	Benzo(a)pyrene	ND	31	9.3	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	31	10	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	31	11	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	31	11	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	61	11	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	61	18	ug/kg	
92-52-4	1,1'-Biphenyl	ND	61	3.5	ug/kg	
100-52-7	Benzaldehyde	ND	150	7.0	ug/kg	
91-58-7	2-Chloronaphthalene	ND	61	9.5	ug/kg	
106-47-8	4-Chloroaniline	ND	150	9.8	ug/kg	
86-74-8	Carbazole	ND	61	14	ug/kg	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP061512B	Date Sampled:	06/15/12
Lab Sample ID:	JB9125-11	Date Received:	06/15/12
Matrix:	SO - Soil	Percent Solids:	93.1
Method:	SW846 8270D SW846 3550C		
Project:	Bluestone, 160th Street, Queens, NY		

ABN TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	61	9.6	ug/kg	
218-01-9	Chrysene	ND	31	10	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	61	12	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	61	9.2	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	61	9.1	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	61	9.2	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	61	13	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	61	12	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	150	7.8	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	31	10	ug/kg	
132-64-9	Dibenzofuran	ND	61	9.1	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	61	6.8	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	61	15	ug/kg	
84-66-2	Diethyl phthalate	ND	61	10	ug/kg	
131-11-3	Dimethyl phthalate	ND	61	11	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	61	27	ug/kg	
206-44-0	Fluoranthene	ND	31	13	ug/kg	
86-73-7	Fluorene	ND	31	10	ug/kg	
118-74-1	Hexachlorobenzene	ND	61	9.9	ug/kg	
87-68-3	Hexachlorobutadiene	ND	31	8.5	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	310	31	ug/kg	
67-72-1	Hexachloroethane	ND	150	8.5	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	31	11	ug/kg	
78-59-1	Isophorone	ND	61	8.2	ug/kg	
91-57-6	2-Methylnaphthalene	ND	61	17	ug/kg	
88-74-4	2-Nitroaniline	ND	150	13	ug/kg	
99-09-2	3-Nitroaniline	ND	150	12	ug/kg	
100-01-6	4-Nitroaniline	ND	150	12	ug/kg	
91-20-3	Naphthalene	ND	31	8.3	ug/kg	
98-95-3	Nitrobenzene	ND	61	8.8	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	61	7.4	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	150	18	ug/kg	
85-01-8	Phenanthrene	ND	31	14	ug/kg	
129-00-0	Pyrene	ND	31	12	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	150	9.4	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	55%		21-116%
4165-62-2	Phenol-d5	56%		19-117%

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: DUP061512B Lab Sample ID: JB9125-11 Matrix: SO - Soil Method: SW846 8270D SW846 3550C Project: Bluestone, 160th Street, Queens, NY	Date Sampled: 06/15/12 Date Received: 06/15/12 Percent Solids: 93.1
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ABN TCL List (SOM0 1.1)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
118-79-6	2,4,6-Tribromophenol	69%		24-136%
4165-60-0	Nitrobenzene-d5	56%		21-122%
321-60-8	2-Fluorobiphenyl	56%		30-117%
1718-51-0	Terphenyl-d14	106%		31-129%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

4.14
4

Report of Analysis

Client Sample ID: DUP061512B		Date Sampled: 06/15/12
Lab Sample ID: JB9125-11		Date Received: 06/15/12
Matrix: SO - Soil		Percent Solids: 93.1
Method: SW846 8081B SW846 3546		
Project: Bluestone, 160th Street, Queens, NY		

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G80767.D	1	06/21/12	DS	06/18/12	OP57753	G1G2692
Run #2							

Run #1	Initial Weight	Final Volume
Run #1	15.0 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.72	0.36	ug/kg	
319-84-6	alpha-BHC	ND	0.72	0.54	ug/kg	
319-85-7	beta-BHC	ND	0.72	0.50	ug/kg	
319-86-8	delta-BHC	ND	0.72	0.42	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.72	0.33	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.72	0.47	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.72	0.37	ug/kg	
60-57-1	Dieldrin	ND	0.72	0.55	ug/kg	
72-54-8	4,4'-DDD	ND	0.72	0.37	ug/kg	
72-55-9	4,4'-DDE	ND	0.72	0.42	ug/kg	
50-29-3	4,4'-DDT	ND	0.72	0.52	ug/kg	
72-20-8	Endrin	ND	0.72	0.37	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.72	0.65	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.72	0.68	ug/kg	
959-98-8	Endosulfan-I	ND	0.72	0.35	ug/kg	
33213-65-9	Endosulfan-II	ND	0.72	0.47	ug/kg	
76-44-8	Heptachlor	ND	0.72	0.44	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.72	0.35	ug/kg	
72-43-5	Methoxychlor	ND	1.4	0.51	ug/kg	
53494-70-5	Endrin ketone	ND	0.72	0.47	ug/kg	
8001-35-2	Toxaphene	ND	18	9.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	71%		23-137%
877-09-8	Tetrachloro-m-xylene	76%		23-137%
2051-24-3	Decachlorobiphenyl	78%		22-160%
2051-24-3	Decachlorobiphenyl	76%		22-160%

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: DUP061512B		Date Sampled: 06/15/12
Lab Sample ID: JB9125-11		Date Received: 06/15/12
Matrix: SO - Soil		Percent Solids: 93.1
Method: SW846 8082A SW846 3546		
Project: Bluestone, 160th Street, Queens, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2G68546.D	1	06/20/12	OPM	06/18/12	OP57752	G2G2396
Run #2							

Run #	Initial Weight	Final Volume
Run #1	15.0 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	36	9.3	ug/kg	
11104-28-2	Aroclor 1221	ND	36	22	ug/kg	
11141-16-5	Aroclor 1232	ND	36	18	ug/kg	
53469-21-9	Aroclor 1242	ND	36	11	ug/kg	
12672-29-6	Aroclor 1248	ND	36	11	ug/kg	
11097-69-1	Aroclor 1254	ND	36	17	ug/kg	
11096-82-5	Aroclor 1260	ND	36	12	ug/kg	
11100-14-4	Aroclor 1268	ND	36	11	ug/kg	
37324-23-5	Aroclor 1262	ND	36	11	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	79%		22-141%
877-09-8	Tetrachloro-m-xylene	81%		22-141%
2051-24-3	Decachlorobiphenyl	75%		18-163%
2051-24-3	Decachlorobiphenyl	86%		18-163%

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: DUP061512B	Date Sampled: 06/15/12
Lab Sample ID: JB9125-11	Date Received: 06/15/12
Matrix: SO - Soil	Percent Solids: 93.1
Project: Bluestone, 160th Street, Queens, NY	

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	2700	51	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Antimony	< 2.0	2.0	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Arsenic	< 2.0	2.0	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Barium	< 20	20	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Beryllium	< 0.20	0.20	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Cadmium	< 0.51	0.51	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Calcium	< 510	510	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Chromium	8.8	1.0	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Cobalt	< 5.1	5.1	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Copper	6.6	2.6	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Iron	12400	51	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Lead	< 2.0	2.0	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Magnesium	884	510	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Manganese	393	1.5	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Mercury	< 0.036	0.036	mg/kg	1	06/25/12	06/25/12	JW SW846 7471B ¹	SW846 7471B ⁴
Nickel	6.4	4.1	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Potassium	< 1000	1000	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Selenium	< 2.0	2.0	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Silver	< 0.51	0.51	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Sodium	< 1000	1000	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Thallium	< 1.0	1.0	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Vanadium	13.8	5.1	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Zinc	12.5	2.0	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³

(1) Instrument QC Batch: MA28862

(2) Instrument QC Batch: MA28894

(3) Prep QC Batch: MP65065

(4) Prep QC Batch: MP65174

RL = Reporting Limit

Report of Analysis

Client Sample ID: SB-09		Date Sampled: 06/15/12
Lab Sample ID: JB9125-12		Date Received: 06/15/12
Matrix: SO - Soil		Percent Solids: 94.5
Method: SW846 8260B		
Project: Bluestone, 160th Street, Queens, NY		

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	V127125.D	1	06/20/12	OTR	n/a	n/a	VV5500
Run #2							

Run #1	Initial Weight
Run #1	4.3 g
Run #2	

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	19.3	12	2.1	ug/kg	
71-43-2	Benzene	ND	1.2	0.15	ug/kg	
74-97-5	Bromochloromethane	ND	6.2	0.33	ug/kg	
75-27-4	Bromodichloromethane	ND	6.2	0.13	ug/kg	
75-25-2	Bromoform	ND	6.2	0.19	ug/kg	
74-83-9	Bromomethane	ND	6.2	0.34	ug/kg	
78-93-3	2-Butanone (MEK)	ND	12	2.9	ug/kg	
75-15-0	Carbon disulfide	ND	6.2	0.14	ug/kg	
56-23-5	Carbon tetrachloride	ND	6.2	0.16	ug/kg	
108-90-7	Chlorobenzene	ND	6.2	0.13	ug/kg	
75-00-3	Chloroethane	ND	6.2	0.28	ug/kg	
67-66-3	Chloroform	ND	6.2	0.10	ug/kg	
74-87-3	Chloromethane	ND	6.2	0.23	ug/kg	
110-82-7	Cyclohexane	ND	6.2	0.15	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	12	1.1	ug/kg	
124-48-1	Dibromochloromethane	ND	6.2	0.20	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.2	0.16	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	6.2	0.23	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	6.2	0.23	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	6.2	0.22	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.2	0.28	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.2	0.17	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.2	0.17	ug/kg	
75-35-4	1,1-Dichloroethene	ND	6.2	0.32	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	6.2	0.23	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	6.2	0.29	ug/kg	
78-87-5	1,2-Dichloropropane	ND	6.2	0.19	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	6.2	0.17	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	6.2	0.19	ug/kg	
123-91-1	1,4-Dioxane	ND	150	73	ug/kg	
100-41-4	Ethylbenzene	ND	1.2	0.32	ug/kg	
76-13-1	Freon 113	ND	6.2	0.53	ug/kg	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-09		Date Sampled: 06/15/12
Lab Sample ID: JB9125-12		Date Received: 06/15/12
Matrix: SO - Soil		Percent Solids: 94.5
Method: SW846 8260B		
Project: Bluestone, 160th Street, Queens, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	6.2	0.77	ug/kg	
98-82-8	Isopropylbenzene	ND	6.2	0.091	ug/kg	
79-20-9	Methyl Acetate	ND	6.2	3.2	ug/kg	
108-87-2	Methylcyclohexane	ND	6.2	0.21	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.2	0.29	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	6.2	0.92	ug/kg	
75-09-2	Methylene chloride	ND	6.2	1.6	ug/kg	
100-42-5	Styrene	ND	6.2	0.11	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.2	0.16	ug/kg	
127-18-4	Tetrachloroethene	ND	6.2	0.21	ug/kg	
108-88-3	Toluene	ND	1.2	0.13	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.2	0.20	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.2	0.17	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.2	0.13	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	6.2	0.21	ug/kg	
79-01-6	Trichloroethene	ND	6.2	0.21	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.2	0.37	ug/kg	
75-01-4	Vinyl chloride	ND	6.2	0.18	ug/kg	
	m,p-Xylene	ND	1.2	0.21	ug/kg	
95-47-6	o-Xylene	ND	1.2	0.17	ug/kg	
1330-20-7	Xylene (total)	ND	1.2	0.17	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		70-130%
17060-07-0	1,2-Dichloroethane-D4	93%		70-122%
2037-26-5	Toluene-D8	102%		81-127%
460-00-4	4-Bromofluorobenzene	89%		66-132%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

4.15
4

Report of Analysis

Client Sample ID: SB-09		Date Sampled: 06/15/12
Lab Sample ID: JB9125-12		Date Received: 06/15/12
Matrix: SO - Soil		Percent Solids: 94.5
Method: SW846 8270D SW846 3550C		
Project: Bluestone, 160th Street, Queens, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3E42390.D	1	06/19/12	KH	06/18/12	OP57755	E3E1850
Run #2							

Run #	Initial Weight	Final Volume
Run #1	35.0 g	1.0 ml
Run #2		

ABN TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	150	31	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	150	30	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	150	49	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	150	51	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	600	37	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	600	37	ug/kg	
95-48-7	2-Methylphenol	ND	60	34	ug/kg	
	3&4-Methylphenol	ND	60	38	ug/kg	
88-75-5	2-Nitrophenol	ND	150	32	ug/kg	
100-02-7	4-Nitrophenol	ND	300	51	ug/kg	
87-86-5	Pentachlorophenol	ND	300	52	ug/kg	
108-95-2	Phenol	ND	60	32	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	150	31	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	150	35	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	150	28	ug/kg	
83-32-9	Acenaphthene	ND	30	8.8	ug/kg	
208-96-8	Acenaphthylene	ND	30	9.7	ug/kg	
98-86-2	Acetophenone	ND	150	5.3	ug/kg	
120-12-7	Anthracene	ND	30	11	ug/kg	
1912-24-9	Atrazine	ND	150	6.0	ug/kg	
56-55-3	Benzo(a)anthracene	ND	30	9.9	ug/kg	
50-32-8	Benzo(a)pyrene	ND	30	9.2	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	30	10	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	30	11	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	30	11	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	60	11	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	60	18	ug/kg	
92-52-4	1,1'-Biphenyl	ND	60	3.5	ug/kg	
100-52-7	Benzaldehyde	ND	150	7.0	ug/kg	
91-58-7	2-Chloronaphthalene	ND	60	9.4	ug/kg	
106-47-8	4-Chloroaniline	ND	150	9.7	ug/kg	
86-74-8	Carbazole	ND	60	14	ug/kg	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-09	Date Sampled:	06/15/12
Lab Sample ID:	JB9125-12	Date Received:	06/15/12
Matrix:	SO - Soil	Percent Solids:	94.5
Method:	SW846 8270D SW846 3550C		
Project:	Bluestone, 160th Street, Queens, NY		

ABN TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	60	9.5	ug/kg	
218-01-9	Chrysene	ND	30	10	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	60	12	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	60	9.1	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	60	9.0	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	60	9.1	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	60	13	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	60	12	ug/kg	
91-94-1	3,3' -Dichlorobenzidine	ND	150	7.7	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	30	10	ug/kg	
132-64-9	Dibenzofuran	ND	60	9.0	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	60	6.7	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	60	15	ug/kg	
84-66-2	Diethyl phthalate	ND	60	10	ug/kg	
131-11-3	Dimethyl phthalate	ND	60	11	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	60	27	ug/kg	
206-44-0	Fluoranthene	ND	30	13	ug/kg	
86-73-7	Fluorene	ND	30	9.9	ug/kg	
118-74-1	Hexachlorobenzene	ND	60	9.9	ug/kg	
87-68-3	Hexachlorobutadiene	ND	30	8.4	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	300	31	ug/kg	
67-72-1	Hexachloroethane	ND	150	8.4	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	30	10	ug/kg	
78-59-1	Isophorone	ND	60	8.1	ug/kg	
91-57-6	2-Methylnaphthalene	ND	60	17	ug/kg	
88-74-4	2-Nitroaniline	ND	150	13	ug/kg	
99-09-2	3-Nitroaniline	ND	150	12	ug/kg	
100-01-6	4-Nitroaniline	ND	150	12	ug/kg	
91-20-3	Naphthalene	ND	30	8.3	ug/kg	
98-95-3	Nitrobenzene	ND	60	8.7	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	60	7.4	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	150	18	ug/kg	
85-01-8	Phenanthrene	ND	30	14	ug/kg	
129-00-0	Pyrene	ND	30	12	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	150	9.3	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	56%		21-116%
4165-62-2	Phenol-d5	54%		19-117%

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-09 Lab Sample ID: JB9125-12 Matrix: SO - Soil Method: SW846 8270D SW846 3550C Project: Bluestone, 160th Street, Queens, NY	Date Sampled: 06/15/12 Date Received: 06/15/12 Percent Solids: 94.5
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ABN TCL List (SOM0 1.1)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
118-79-6	2,4,6-Tribromophenol	65%		24-136%
4165-60-0	Nitrobenzene-d5	59%		21-122%
321-60-8	2-Fluorobiphenyl	60%		30-117%
1718-51-0	Terphenyl-d14	78%		31-129%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID: SB-09		Date Sampled: 06/15/12
Lab Sample ID: JB9125-12		Date Received: 06/15/12
Matrix: SO - Soil		Percent Solids: 94.5
Method: SW846 8081B SW846 3546		
Project: Bluestone, 160th Street, Queens, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G80740.D	1	06/21/12	DS	06/18/12	OP57753	G1G2690
Run #2							

Run #	Initial Weight	Final Volume
Run #1	15.0 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.71	0.35	ug/kg	
319-84-6	alpha-BHC	ND	0.71	0.53	ug/kg	
319-85-7	beta-BHC	ND	0.71	0.50	ug/kg	
319-86-8	delta-BHC	ND	0.71	0.41	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.71	0.32	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.71	0.46	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.71	0.36	ug/kg	
60-57-1	Dieldrin	ND	0.71	0.55	ug/kg	
72-54-8	4,4'-DDD	ND	0.71	0.36	ug/kg	
72-55-9	4,4'-DDE	ND	0.71	0.42	ug/kg	
50-29-3	4,4'-DDT	ND	0.71	0.52	ug/kg	
72-20-8	Endrin	ND	0.71	0.36	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.71	0.64	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.71	0.67	ug/kg	
959-98-8	Endosulfan-I	ND	0.71	0.34	ug/kg	
33213-65-9	Endosulfan-II	ND	0.71	0.46	ug/kg	
76-44-8	Heptachlor	ND	0.71	0.43	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.71	0.35	ug/kg	
72-43-5	Methoxychlor	ND	1.4	0.50	ug/kg	
53494-70-5	Endrin ketone	ND	0.71	0.46	ug/kg	
8001-35-2	Toxaphene	ND	18	8.9	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	59%		23-137%
877-09-8	Tetrachloro-m-xylene	67%		23-137%
2051-24-3	Decachlorobiphenyl	67%		22-160%
2051-24-3	Decachlorobiphenyl	82%		22-160%

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

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B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-09		Date Sampled: 06/15/12
Lab Sample ID: JB9125-12		Date Received: 06/15/12
Matrix: SO - Soil		Percent Solids: 94.5
Method: SW846 8082A SW846 3546		
Project: Bluestone, 160th Street, Queens, NY		

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2G68547.D	1	06/20/12	OPM	06/18/12	OP57752	G2G2396
Run #2							

Run #1	Initial Weight	Final Volume
Run #1	15.0 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	35	9.2	ug/kg	
11104-28-2	Aroclor 1221	ND	35	21	ug/kg	
11141-16-5	Aroclor 1232	ND	35	18	ug/kg	
53469-21-9	Aroclor 1242	ND	35	11	ug/kg	
12672-29-6	Aroclor 1248	ND	35	11	ug/kg	
11097-69-1	Aroclor 1254	ND	35	17	ug/kg	
11096-82-5	Aroclor 1260	ND	35	12	ug/kg	
11100-14-4	Aroclor 1268	ND	35	10	ug/kg	
37324-23-5	Aroclor 1262	ND	35	11	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	81%		22-141%
877-09-8	Tetrachloro-m-xylene	81%		22-141%
2051-24-3	Decachlorobiphenyl	80%		18-163%
2051-24-3	Decachlorobiphenyl	88%		18-163%

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-09	Date Sampled: 06/15/12
Lab Sample ID: JB9125-12	Date Received: 06/15/12
Matrix: SO - Soil	Percent Solids: 94.5
Project: Bluestone, 160th Street, Queens, NY	

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	2950	53	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Antimony	< 2.1	2.1	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Arsenic	< 2.1	2.1	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Barium	23.8	21	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Beryllium	0.23	0.21	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Cadmium	< 0.53	0.53	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Calcium	912	530	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Chromium	11.1	1.1	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Cobalt	< 5.3	5.3	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Copper	16.2	2.6	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Iron	19100	53	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Lead	< 2.1	2.1	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Magnesium	993	530	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Manganese	307	1.6	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Mercury	0.11	0.035	mg/kg	1	06/25/12	06/25/12	JW SW846 7471B ¹	SW846 7471B ⁴
Nickel	6.5	4.2	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Potassium	< 1100	1100	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Selenium	< 2.1	2.1	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Silver	< 0.53	0.53	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Sodium	< 1100	1100	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Thallium	< 1.1	1.1	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Vanadium	24.6	5.3	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³
Zinc	14.5	2.1	mg/kg	1	06/19/12	06/28/12	BL SW846 6010C ²	SW846 3050B ³

(1) Instrument QC Batch: MA28862

(2) Instrument QC Batch: MA28894

(3) Prep QC Batch: MP65065

(4) Prep QC Batch: MP65174

RL = Reporting Limit

Misc. Forms

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Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

FED-EX Tracking #		Bottle Order Control #	
Accutest Quote #		Accutest Job # JB9125	
Client / Reporting Information		Project Information	
Company Name: ERM		Project Name: Bluestone	
Street Address: 40 Morris Dr. Suite 200		Street: Bluestone	
City: Madison NJ		City: Madison NJ	
State: NJ		State: NJ	
Zip: 07042		Zip: 07042	
Project Contact: Christopher O'Connell		Project #	
E-mail: chris.oconnell@erm.com		Street Address	
Phone #		Client Purchase Order #	
Fax #		City	
Sampler(s) Name(s)		State	
Phone #		Zip	
Project Manager		Attention:	
MECH/DI Viol #		Collection	
Date		Time	
Sampled by		Matrix	
# of bottles		# of bottles	
PCB		PCB	
MNH3		MNH3	
H2SO4		H2SO4	
MNH4		MNH4	
DI Water		DI Water	
MECH		MECH	
ENCORE		ENCORE	
LAB USE ONLY		LAB USE ONLY	
Field ID / Point of Collection		Field ID / Point of Collection	
-1 TB061512		6/15/12 1030 KP W 2	
-2 FB061512		1040 KP W 5	
-3F CW-01 (38-44)		1205 1000 B/W 6	
-4F CW-02 (37-44) (1000)		1205 1100 B/W 7	
-5 SB-01 (12-15)		1315 SD 3	
-6 SB-02 (12-16) (1000)		1350 SD 90	
-7 SB-01 (13-15)		1255 SD 3	
-8 SB-05 (13-15)		1240 SD	
-9 SB-06 (13-15)		1219 SD	
-10F DP061512A		1100 SD 6	
-11 DP061512B		1100 SD 30	
-12 SB-02		1100 SD 3	
Turnaround Time (Business days)		Data Deliverable Information	
<input type="checkbox"/> Std. 15 Business Days <input type="checkbox"/> Std. 10 Business Days (by Contract only) <input type="checkbox"/> 10 Day RUSH <input type="checkbox"/> 5 Day RUSH <input type="checkbox"/> 3 Day EMERGENCY <input type="checkbox"/> 2 Day EMERGENCY <input type="checkbox"/> 1 Day EMERGENCY Emergency & Rush T/A data available VIA Lablink		Approved By (Accutest PM) / Date: <input type="checkbox"/> Commercial "A" (Level 1) <input type="checkbox"/> Commercial "B" (Level 2) <input type="checkbox"/> FULLT1 (Level 3+4) <input type="checkbox"/> NJ Reduced <input type="checkbox"/> Commercial "C" Commercial "A" = Results Only Commercial "B" = Results + QC Summary NJ Reduced = Results + QC Summary + Partial Raw data	
<input type="checkbox"/> NYASP Category A <input type="checkbox"/> NYASP Category B <input type="checkbox"/> State Forms <input type="checkbox"/> EDD Format <input type="checkbox"/> Other		Comments / Special Instructions * FILED 6/14/12 @ 1500 @ 6/15/12	
Sample Custody must be documented below each time samples change possession, including courier delivery.			
Relinquished by Sampler:	Date Time:	Received By:	Date Time:
1 [Signature]	6/15/12 11:54	1 [Signature]	6/15/12 14:57
Relinquished by Sampler:	Date Time:	Received By:	Date Time:
3 [Signature]		3 [Signature]	
Relinquished by:	Date Time:	Received By:	Date Time:
5		5	
Custody Seal #	<input type="checkbox"/> Intact	Preserved where applicable	On Ice
	<input type="checkbox"/> Not Intact	<input checked="" type="checkbox"/>	<input type="checkbox"/>
			Cooler Temp. 4.0°C

5.1
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Accutest Laboratories Sample Receipt Summary

Accutest Job Number: JB9125 **Client:** ERM **Project:** BLUESTONE *ATF-PN*
Date / Time Received: 6/15/2012 2000 **Delivery Method:** Other Courier **Airbill #'s:**

Cooler Temps (Initial/Adjusted): #1: (4/4): 0

<u>Cooler Security</u>		<u>Y or N</u>		<u>Y or N</u>	
1. Custody Seals Present:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3. COC Present:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Custody Seals Intact:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4. Smp'l Dates/Time OK	<input checked="" type="checkbox"/>	<input type="checkbox"/>

<u>Cooler Temperature</u>		<u>Y or N</u>	
1. Temp criteria achieved:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2. Cooler temp verification:	Bar Therm		
3. Cooler media:	Ice (Bag)		
4. No. Coolers	1		

<u>Quality Control Preservation</u>	<u>Y</u>	<u>N</u>	<u>N/A</u>
1. Trip Blank present / cooler:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Trip Blank listed on COC:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Samples preserved properly:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. VOCs headspace free:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<u>Sample Integrity - Documentation</u>		<u>Y or N</u>	
1. Sample labels present on bottles:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2. Container labeling complete:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3. Sample container label / COC agree:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

<u>Sample Integrity - Condition</u>		<u>Y or N</u>	
1. Sample recvd within HT:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2. All containers accounted for:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3. Condition of sample:	Intact		

<u>Sample Integrity - Instructions</u>	<u>Y</u>	<u>N</u>	<u>N/A</u>
1. Analysis requested is clear:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
2. Bottles received for unspecified tests	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
3. Sufficient volume recvd for analysis:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4. Compositing instructions clear:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5. Filtering instructions clear:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Comments -3,-4,-10 RECEIVED AN UNPRESERVED POLY BOTTLE FOR METALS.
 SHOULD THIS BE TOTAL METALS OR LAB FILTER DISSOLVED METALS?
 -4 INCLUDES MS/MSD

5.1
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Accutest Job Number: JB9125

CSR: Michelle _____

Response Date: 6/20/2012

Response: Please filter and preserve and run for dissolved metals per Ernie Rossano