

**586-588 MYRTLE AVENUE  
BROOKLYN, NEW YORK**

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# **Remedial Action Report**

**NYC VCP Number: 13CVCP108K**

**Prepared for:**

586 Myrtle LLC  
34 Rodney Street  
Brooklyn, NY 11211

**Prepared by:**

***EBC***

***ENVIRONMENTAL BUSINESS CONSULTANTS***

1808 Middle Country Road  
Ridge, NY 11961

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**DECEMBER 2014**

# REMEDIAL ACTION REPORT

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## LIST OF ACRONYMS

<b>Acronym</b>	<b>Definition</b>
CAMP	Community Air Monitoring Plan
DER-10	NYS DEC Division of Environmental Remediation Technical Guidance Manual 10
EC	Engineering Control
HASP	Health and Safety Plan
IC	Institutional Control
NYC VCP	New York City Voluntary Cleanup Program
NYC DEP	New York City Department of Environmental Protection
NYC DOHMH	New York City Department of Health and Mental Hygiene
NYC OER	New York City Office of Environmental Remediation
ORC	Oxygen Release Compound
PID	Photoionization Detector
QA/QC	Quality Assurance/Quality Control
QEP	Qualified Environmental Professional
RAR	Remedial Action Report
RAWP	Remedial Action Work Plan
SCG	Standards, Criteria and Guidance
SCO	Soil Cleanup Objective
SMMP	Soil/Materials Management Plan
SMP	Site Management Plan
SVOCs	Semi-Volatile Organic Compounds
UST	Underground Storage Tank
VOCs	Volatile Organic Compounds

## CERTIFICATION

I, Ariel Czemerinski, am currently a registered professional engineer licensed by the State of New York. I had primary direct responsibility for implementation of the remedial program for the Redevelopment Project located at 586-588 Myrtle Avenue in Brooklyn, New York, Site Number 13CVCP108K.

I certify that the OER-approved Remedial Action Work Plan dated January 2013 and the associated Stipulation List dated February 2013, was implemented and that all requirements in those documents have been substantively complied with. I certify that contaminated soil, fill, liquids or other material from the property were taken to facilities licensed to accept this material in full compliance with applicable laws and regulations.

Ariel Czemerinski

Name

076508

PE License Number

Signature

1/28/2015

DATE



## EXECUTIVE SUMMARY

### Site Location and Prior Usage

The Site is located at 586-588 Myrtle Avenue in the Bedford Stuyvesant section of Brooklyn, New York, and is identified as Block 1910 and Lot 23 on the New York City Tax Map. Figure 1 shows the Site location. The Site is 3,326-square feet and is bounded by Myrtle Avenue to the north, a parking lot to the south, a 1-story commercial building (restaurant/bar) to the east, and Classon Avenue to the west. A map of the site boundary is shown in Figure 2. Prior to redevelopment, the Site was used as outdoor accessory space for the adjacent restaurant/bar.

### Summary of Proposed Redevelopment Plan

The proposed redevelopment plan for the Site included the construction of a new 6-story residential building with a full cellar level.

The 46 ft wide tax lot was to be developed with a new 6-story apartment building consisting of 19 residential units. The apartment building was to have a full cellar that extended below the entire footprint of the building. The cellar was to consist of rooms to be used as accessory space for the first floor, as well as a compactor room, and a mechanical room which was to house the building's hot water heaters, gas meters, and sprinkler system. The 1st through 6th floors were to each consist of residential apartments.

The proposed building was to have two distinct cellar levels. The cellar level that was to front Myrtle Avenue and extend 44 ft deep in to the lot would require excavation to a depth of approximately 7 to 8 feet. Assuming an excavation volume for the street front portion of the cellar of approximately 44 feet (wide) by 44 feet long (length) and 8 feet (deep), a total of approximately 575 cubic yards (850 tons) was estimated. The cellar level to be created behind this area would require excavation to a depth of approximately 12 feet. Assuming an excavation volume for the rear cellar area of approximately 30 feet (wide) by 18 feet long (length) and 12 feet (deep), a total of approximately 250 cubic yards (375 tons). The total excavated volume of soil for the entire Site was estimated to be approximately 825 cubic yards (1,250 tons).

A 601 ft<sup>2</sup> L-shaped rear courtyard was to be created behind the building. The rear courtyard would be unexcavated and capped with a 6" thick concrete pad. The development plan was

subsequently changed in order to achieve a Track 1 Cleanup and the entire rear courtyard was excavated to a depth of approximately 4 to 5 feet below grade to remove all historic fill material.

Layout of the proposed Site development is presented in Figure 3. The current zoning designation is R6. The proposed use is consistent with existing zoning for the property.

### **Summary of Past Uses of Site and Environmental Findings**

According to historical Sanborn maps, the Site was developed with several small stores from the 1900's to the 1930's, but was vacant and undeveloped from the 1940's to the present.

The AOCs identified for this Site include:

1. Historic fill layer is present at the Site from grade to a depth of approximately 5 feet.

### **Summary of Environmental Investigation**

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

### **Summary of Environmental Findings**

1. Elevation of the property is approximately 45 feet.
2. Depth to groundwater is approximately 41 feet at the Site.
3. Groundwater flow is generally from southeast to northwest beneath the Site.
4. Depth to bedrock is at the Site is greater than 100 feet.
5. The stratigraphy of the Site, from the surface down, consists of approximately 5 feet of historic fill underlain by native brown fine silty sand.
6. Soil/fill samples collected during the RI showed no detectable concentrations of chlorinated or petroleum related VOCs with the exception of one VOC (Naphthalene)

which was detected within one of the three shallow soil samples at a concentration below Unrestricted Use SCOs. Seven SVOCs including benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo-(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene were detected above their respective Restricted Residential Use SCOs within two of the three shallow soil samples. The SVOCs detected above Restricted Residential SCOs are all PAH compounds and their concentrations and distribution indicate that they are associated with historic fill material observed during the sampling. Seven metals including arsenic, barium, cadmium, copper, lead, mercury, and zinc exceeded Unrestricted Use SCOs in all three shallow soil samples and one of the deep soil samples. Of these metals, barium (maximum of 891 ppm), cadmium (maximum of 4.33 ppm), copper (maximum of 429 ppm), lead (maximum of 1,750 ppm) and mercury (maximum of 51.7 ppm) also exceeded Restricted Residential SCOs. Pesticides including 4,4,4-DDE (maximum of 1,300 ppb), 4,4,4-DDT (maximum of 2,200 ppb), chlordane (maximum of 560 ppb), and dieldrin (maximum of 6.4 ppb) were detected within the shallow soil samples at concentrations above Unrestricted Use SCOs, but below Restricted Residential SCOs. PCB-1260 was detected within two of the shallow soil samples, and was reported within one of the samples at a concentration (2,200 ppb) above Restricted Residential SCOs. No VOCs, SVOCs, PCBs, or pesticides were detected above Unrestricted Use SCOs within any of the deep soil samples collected at the Site. Overall, the findings were consistent with observations for historical fill sites in areas throughout NYC.

7. Groundwater samples collected during the RI showed no detectable concentrations of pesticides. VOCs were not detected in groundwater with the exception of two chlorinated VOCs (trichloroethene (maximum of 3.6 ppb) and chloromethane (maximum of 19 ppb)). Both chlorinated VOCs were reported in all three groundwater samples at a concentration below GQSs. No chlorinated VOCs were identified in any of the soil samples collected on Site and are not associated with known historical uses of the property. Trace levels of two SVOCs were detected in groundwater at concentrations well below GQS. PCB-1260 (0.14 ppb) was detected within the monitoring well installed in the same soil boring location that reported an elevated concentration of PCB-1260 within the shallow soil sample interval. However, since PCB-1260 was not detected within the other two

monitoring wells, and PCB-1260 was not detected within the deeper soil sampling interval of the same soil boring, the PCB-1260 reported within the groundwater sample was likely transported by the sampling rods. The metals manganese, and sodium were detected above their respective NYSDEC Groundwater Quality Standards (GQS) in all three dissolved groundwater samples.

8. Soil vapor samples collected during the RI showed petroleum and chlorinated VOCs at low concentrations. Tetrachloroethylene (PCE) was identified in all three two soil vapor samples at a maximum concentration of  $0.949 \mu\text{g}/\text{m}^3$ . Trichloroethylene (TCE) was reported within two of the three soil vapor samples at a maximum concentration of  $0.644 \mu\text{g}/\text{m}^3$ . Carbon Tetrachloride was reported in all three soil vapor samples at a maximum concentration of  $0.503 \mu\text{g}/\text{m}^3$ . 1,1,1- TCA was not detected in soil vapor. The PCE and TCE concentrations are below the monitoring level ranges established within the State DOH soil vapor guidance matrix. Concentrations of petroleum-related VOCs were generally less than  $50 \mu\text{g}/\text{m}^3$ , with the exceptions of toluene (max of  $86.2 \mu\text{g}/\text{m}^3$ ). Overall the highest reported concentrations were for acetone ( $124 \mu\text{g}/\text{m}^3$ ) and ethanol ( $145 \mu\text{g}/\text{m}^3$ ).

### Summary of the Remedy

A Pre-Application Meeting was held on November 28, 2012. A Remedial Investigation (RI) was performed in December of 2013 and a RI Report dated January 2013 was prepared to evaluate data and information necessary to develop a Remedial Action Work Plan (RAWP). A Site Contact List was established and a RAWP dated January 2013 was prepared and released with a Fact Sheet on January 18, 2013, for a 30-day public comment period. The RAWP and Stipulation List dated February 26, 2013, was approved by the New York City Office of Environmental Remediation (OER) on March 7, 2013. A pre-construction meeting was held on May 29, 2013 and remedial action began in June of 2013 and completed in October of 2014.

The following remedial actions were completed in this program:

1. Prepared a Community Protection Statement and implemented a Citizen Participation Plan.
2. Performed a Community Air Monitoring Program for particulates and volatile organic carbon compounds.

3. Established Track 1 Unrestricted Use Soil Cleanup Objectives (SCOs). Achieved Track 1 SCOs for soil through excavation and removal of all historic fill material exceeding Unrestricted Use SCOs including the rear yard area and additional excavation of clean soil as necessary for construction of the new building's two cellar levels.
4. Collected and analyzed end-point samples to determine the performance of the remedy with respect to attainment of SCOs.
5. Installed a vapor barrier system beneath the building slab and behind foundation walls.
6. Imported materials to be used for backfill in compliance with this plan and in accordance with applicable laws and regulations.
7. Transported and disposed off-Site all soil/fill material at permitted facilities in accordance with applicable laws and regulations for handling, transport, and disposal, and the RAWP. Collected, sampled and analyzed samples representative of excavated media as required by disposal facilities. Appropriately segregated excavated media on Site.
8. Screened excavated soil/fill during intrusive work for indications of contamination by visual means, odor, and monitoring with a PID.
9. Implemented storm-water pollution prevention measures in compliance with applicable laws and regulations.
10. Performed all activities required for the remedial action, including permitting requirements and pretreatment requirements, in compliance with applicable laws and regulations.
11. Submitted a RAR that: certifies that the remedial requirements have been achieved; defines the Site boundaries; and describes the remedial activities including any changes from the RAWP.

# REMEDIAL ACTION REPORT

## 1.0 SITE BACKGROUND

586 Myrtle LLC has enrolled in the New York City Voluntary Cleanup Program (NYC VCP) to investigate and remediate a property located at 586-588 Myrtle Avenue in Bedford Stuyvesant section of Brooklyn, New York. A Remedial Investigation (RI) was performed to compile and evaluate data and information necessary to develop a Remedial Action Work Plan (RAWP). A remedial action was performed pursuant to an OER-approved RAWP in a manner that has rendered the Site protective of public health and the environment consistent with the proposed use of the property. This RAR describes the remedial action performed under the RAWP. The remedial action described in this document provides for the protection of public health and the environment, complies with applicable environmental standards, criteria and guidance and applicable laws and regulations.

### 1.1 Site Location and Prior Usage

The Site is located at 586-588 Myrtle Avenue in the Bedford Stuyvesant section of Brooklyn, New York, and is identified as Block 1910 and Lot 23 on the New York City Tax Map. Figure 1 shows the Site location. The Site is 3,326-square feet and is bounded by Myrtle Avenue to the north, a parking lot to the south, a 1-story commercial building (restaurant/bar) to the east, and Classon Avenue to the west. A map of the site boundary is shown in Figure 2. Prior to redevelopment, the Site was used as outdoor accessory space for the adjacent restaurant/bar.

### 1.2 Proposed Redevelopment Plan

The proposed redevelopment plan for the Site included the construction of a new 6-story residential building with a full cellar level.

The 46 ft wide tax lot was to be developed with a new 6-story apartment building consisting of 19 residential units. The apartment building was to have a full cellar that extended below the entire footprint of the building. The cellar was to consist of rooms to be used as accessory space for the first floor, as well as a compactor room, and a mechanical room which was to house the building's hot water heaters, gas meters, and sprinkler system. The 1st through 6th floors were to each consist of residential apartments.

The proposed building was to have two distinct cellar levels. The cellar level that was to front Myrtle Avenue and extend 44 ft deep in to the lot would require excavation to a depth of approximately 7 to 8 feet. Assuming an excavation volume for the street front portion of the cellar of approximately 44 feet (wide) by 44 feet long (length) and 8 feet (deep), a total of approximately 575 cubic yards (850 tons) was estimated. The cellar level to be created behind this area would require excavation to a depth of approximately 12 feet. Assuming an excavation volume for the rear cellar area of approximately 30 feet (wide) by 18 feet long (length) and 12 feet (deep), a total of approximately 250 cubic yards (375 tons). The total excavated volume of soil for the entire Site was estimated to be approximately 825 cubic yards (1,250 tons).

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### 1.3 Description of Surrounding Property

The area surrounding the Site consists of a mix of residential and commercial properties, but a large portion of the neighborhood to the south is occupied by the St. Mary's Episcopal Church and church grounds. Figure 4 shows the surrounding land usage of the adjacent properties listed below as well as additional properties located up to 500 feet away from the Site. No hospitals, daycare facilities or schools are located within a 250 ft radius of the Site.

#### Surrounding Property Usage

Direction	Property Description
<b>North</b> – Opposite side of Myrtle Avenue	<u>Block 1896, Lots 73, 74, 75, 76</u> (585 to 579 Myrtle Avenue) – Multiple thin lots each developed with a three-story row houses with first floor commercial space.
<b>South</b> – Adjacent property	<u>Block 2266, Lot 1</u> (273 Willoughby Avenue) – A large lot that is currently utilized by the St. Mary's Episcopal Church
<b>East</b> – Adjacent property	<u>Block 1910, Lot 25</u> (590 Myrtle Avenue) – A one-story building currently occupied by a bar/restaurant.
<b>West</b> – Opposite side of Classon Avenue	<u>Block 1909, Lot 32</u> (584 Myrtle Avenue) – Developed with a three-story row house with first floor commercial space.

## 1.4 Remedial Investigation

A remedial investigation was performed and the results are documented in a document called “*Remedial Investigation Report, 586-588 Myrtle Avenue*”, dated January 2013 (RIR).

### Summary of Past Uses of Site and Areas of Concern

According to historical Sanborn maps, the Site was developed with several small stores from the 1900's to the 1930's, but was vacant and undeveloped from the 1940's to the present.

The AOCs identified for this Site include:

1. Historic fill layer is present at the Site from grade to a depth of approximately 5 feet.

### Summary of Remedial Investigation

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
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1. Elevation of the property is approximately 45 feet.
2. Depth to groundwater is approximately 41 feet at the Site.
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4. Depth to bedrock is at the Site is greater than 100 feet.
5. The stratigraphy of the Site, from the surface down, consists of approximately 5 feet of historic fill underlain by native brown fine silty sand.
6. Soil/fill samples collected during the RI showed no detectable concentrations of chlorinated or petroleum related VOCs with the exception of one VOC (Naphthalene) which was detected within one of the three shallow soil samples at a concentration below

Unrestricted Use SCOs. Seven SVOCs including benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo-(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene were detected above their respective Restricted Residential Use SCOs within two of the three shallow soil samples. The SVOCs detected above Restricted Residential SCOs are all PAH compounds and their concentrations and distribution indicate that they are associated with historic fill material observed during the sampling. Seven metals including arsenic, barium, cadmium, copper, lead, mercury, and zinc exceeded Unrestricted Use SCOs in all three shallow soil samples and one of the deep soil samples. Of these metals, barium (maximum of 891 ppm), cadmium (maximum of 4.33 ppm), copper (maximum of 429 ppm), lead (maximum of 1,750 ppm) and mercury (maximum of 51.7 ppm) also exceeded Restricted Residential SCOs. Pesticides including 4,4,4-DDE (maximum of 1,300 ppb), 4,4,4-DDT (maximum of 2,200 ppb), chlordane (maximum of 560 ppb), and dieldrin (maximum of 6.4 ppb) were detected within the shallow soil samples at concentrations above Unrestricted Use SCOs, but below Restricted Residential SCOs. PCB-1260 was detected within two of the shallow soil samples, and was reported within one of the samples at a concentration (2,200 ppb) above Restricted Residential SCOs. No VOCs, SVOCs, PCBs, or pesticides were detected above Unrestricted Use SCOs within any of the deep soil samples collected at the Site. Overall, the findings were consistent with observations for historical fill sites in areas throughout NYC.

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For more detailed results, consult the RIR. Based on an evaluation of the data and information from the RIR and this RAWP, disposal of significant amounts of hazardous waste was not suspected at this Site.

## 2.0 DESCRIPTION OF REMEDIAL ACTIONS

The factors considered during the selection of the remedial action included protection of human health, protection of the environment, compliance with standards, criteria, and guidelines (SCGs), short-term effectiveness and impacts, long-term effectiveness and permanence, reduction of toxicity, mobility, or volume of contaminated material, implementability, cost effectiveness, community acceptance, land use, and sustainability of the remedial action.

A Pre-Application Meeting was held on November 28, 2012. A Remedial Investigation (RI) was performed in December of 2013 and a RI Report dated January 2013 was prepared to evaluate data and information necessary to develop a Remedial Action Work Plan (RAWP). A Site Contact List was established and a RAWP dated January 2013 was prepared and released with a Fact Sheet on January 18, 2013, for a 30-day public comment period. The RAWP and Stipulation List dated February 26, 2013, was approved by the New York City Office of Environmental Remediation (OER) on March 7, 2013. A pre-construction meeting was held on May 29, 2013 and remedial action began in June of 2013 and completed in October of 2014.

The following remedial actions were completed in this program:

1. Prepared a Community Protection Statement and implemented a Citizen Participation Plan.
2. Performed a Community Air Monitoring Program for particulates and volatile organic carbon compounds.
3. Established Track 1 Unrestricted Use Soil Cleanup Objectives (SCOs). Achieved Track 1 SCOs for soil through excavation and removal of all historic fill material exceeding Unrestricted Use SCOs including the rear yard area and additional excavation of clean soil as necessary for construction of the new building's two cellar levels.
4. Collected and analyzed end-point samples to determine the performance of the remedy with respect to attainment of SCOs.
5. Installed a vapor barrier system beneath the building slab and behind foundation walls.
6. Imported of materials to be used for backfill in compliance with this plan and in accordance with applicable laws and regulations.
7. Transported and disposed off-Site of all soil/fill material at permitted facilities in accordance with applicable laws and regulations for handling, transport, and disposal, and

- this plan. Collected, sampled and analyzed samples representative of excavated media as required by disposal facilities. Appropriately segregated excavated media on Site.
8. Screened excavated soil/fill during intrusive work for indications of contamination by visual means, odor, and monitoring with a PID.
  9. Implemented storm-water pollution prevention measures in compliance with applicable laws and regulations.
  10. Performed all activities required for the remedial action, including permitting requirements and pretreatment requirements, in compliance with applicable laws and regulations.
  11. Submitted a RAR that: certifies that the remedial requirements have been achieved; defines the Site boundaries; describes all Engineering and Institutional Controls applicable to the Site; and describes the remedial activities including any changes from the RAWP.

### **3.0 COMPLIANCE WITH REMEDIAL ACTION WORK PLAN**

#### **3.1 Construction Health & Safety Plan (CHASP)**

The remedial construction activities performed under this program were in compliance with the Construction Health and Safety Plan and applicable laws and regulations. The Site Safety Coordinator was Kevin Waters - EBC.

#### **3.2 Community Air Monitoring Plan (CAMP)**

The Community Air Monitoring Plan provided for the collection and analysis of air samples during remedial construction activities to ensure proper protections were employed to protect workers and the neighboring community. Monitoring was performed in compliance with the Community Air Monitoring Plan in the approved RAWP. The results of Community Air monitoring are shown in Appendix C.

#### **3.3 Soil/Materials Management Plan**

The Soil/Materials Management Plan in the RAWP provided detailed plans for managing all soils/materials that were disturbed at the Site, including excavation, handling, storage, transport and disposal. It also included a series of controls to assure effective, nuisance free remedial activity in compliance with applicable laws and regulations. Remedial construction activities performed under this program were in full compliance with the SMMP in the approved RAWP.

#### **3.4 Storm-Water Pollution Prevention**

Storm water pollution prevention included physical methods and processes to control and/or divert surface water flows and to limit the potential for erosion and migration of Site soils, via wind or water. Remedial construction activities performed under this program were in full compliance with methods and processes defined in the RAWP for storm water prevention and applicable laws and regulations.

#### **3.5 Deviations From the Remedial Action Work Plan**

No significant deviations from the Remedial Action Work Plan occurred during implementation of the Remedial Action Work Plan with the exception of the following:

- The redevelopment stated no excavation was planned for the rear yard area. However, due to PCBs in on-Site fill material, all historic fill material was removed across the entire Site, including the entire rear courtyard to a depth of approximately 4 to 5 feet. The rear courtyard area was later backfilled as needed using clean on-Site excavated soil from the deeper cellar level.

## **4.0 REMEDIAL PROGRAM**

### **4.1 Project Organization**

The PE responsible for implementation of the remedial action for this project was Ariel Czmerinski P.E., AMC Engineering. On-Site air monitoring in accordance with the CHASP and CAMP, soil screening and soil sampling was performed by either Dominick Mosca and Kevin Waters of EBC or Sara Babyatsky of AMC Engineering. The Qualified Environmental Professional which implemented the remedial action was Kevin Brussee, Project Manager-EBC.

The excavation and foundation contractor was Carpio Contracting, and the developer was Blue Group Properties.

### **4.2 Site Controls**

#### ***Site Preparation***

Plans for the new building (NYC DOB Job number NB-320508688) were approved on May 14, 2013. The initial waste characterization soil sampling was performed on February 14, 2013, and supplement waste characterization soil sampling was performed on March 21, 2013, prior to mobilization to obtain soil disposal approval and to minimize the need for on-Site soil stockpiles. On June 26, 2013, equipment was mobilized to the Site to begin excavation of on-Site soil.

#### ***Soil Screening***

All intrusive soil excavation activities were overseen by an EBC qualified environmental professional (QEP). In addition to extensive sampling and chemical testing of soils on the Site, excavated soil was screened continuously using hand-held instruments, by sight, and by smell to ensure proper material handling and management, and community protection. Excavation at the Site commenced with the removal of historic fill which varied in depth across the Site. EBC visually determined the boundary of historic fill and clean native soil. Historic fill at the Site was a darker brown soil with large quantities of brick, and clean native soil was a fine brown silty sand. No physical or olfactory evidence of a spill was observed during Site excavation.

#### ***Stockpile Management***

For the majority of the project, historic fill material was excavated from the ground and fed through a mechanical screener. The bricks removed by the screener were loaded into roll-off

containers staged at the Site, and soil was live loaded into trucks to eliminate the need for stockpiling. However, any soil stockpiles that were generated and kept overnight were covered with 6-mil poly-sheeting to prevent dust. Stockpile covers were inspected by the EBC QEP.

### ***Truck Inspection***

Initially, the construction entrance consisted of the existing concrete slab and sidewalk located in front of the Classon Street entrance to the Site. However, following removal of the concrete slab, a stabilized construction entrance consisting of a bed of crushed concrete sloped back toward the interior of the Site was installed. The stabilized entrance was inspected on a daily basis during soil loading activities and reinforced as needed with additional concrete material to prevent the accumulation of ruts, mud or soil and to minimize the potential for impacted soil to be dispersed beyond the Site boundary. Before exiting the Site, trucks were examined for evidence of contaminated soil on the undercarriage, body, and wheels. If soil/debris was observed, it was removed utilizing brooms or shovels.

### ***Site Security***

An 8-ft high construction fence was constructed around the perimeter of the property. The fence was locked with a chain and padlock during non-working hours/days.

### ***Nuisance Controls***

No petroleum or other odors were detected during soil screening and no complaints were reported. Dust was minimized by excavating and live-loading directly into trucks, and covering stockpiles with 6-mil poly sheeting overnight during off-work hours.

### ***Reporting***

Daily status reports were prepared and forwarded to the OER project manager for construction days in which soil disturbance activities were performed (soil excavation/loading). A copy of each of the daily status reports is included in Appendix D.

Digital photographs of the remedial action are included in Appendix B.

### **4.3 Materials Excavation and Removal**

All historic fill material comprised primarily of brick (0-4 ft below grade) was excavated from across the entire footprint of the Site in July of 2013 and properly disposed off-Site. A mechanical screener was utilized to separate the bricks from the soil. A total of 477.27 tons of soil segregated from the fill material was transported to Cumberland Landfill, and approximately 23 loads of brick segregated from the fill material were transported to a NYSDEC active/registered construction and demolition debris processing facility.

From August to October, clean native soil below the historic fill layer was excavated as necessary for the new building's two cellar levels. This required excavation to a depth of approximately 7 feet across most of the Site, and excavation to 10 feet for the lower cellar level. Clean soil excavated from the lower cellar level was stockpiled in the rear courtyard area for backfill behind the foundation walls, and some clean soil was used as backfill behind the foundation walls along Myrtle Avenue and Classon Avenue. A total of 456.93 tons of clean soil was removed and transported to Malanka Landfill. A map showing the location where excavations were performed is shown in Figure 5.

#### ***End Point Sample Results***

Following excavation for the new building, EBC collected five endpoint soil samples and one duplicate endpoint soil sample. The location of each of the endpoint soil samples as well as each of the soil samples collected at the final excavation depth during the RI is shown on Figure 6. Dedicated disposable sampling equipment was utilized to collect each endpoint sample, eliminating the need for field equipment (rinsate) blanks.

The endpoint soil samples were appropriately packaged, placed in a cooler and picked up by laboratory courier for transport to the analytical laboratory. The samples were containerized in laboratory provided glassware and shipped in plastic coolers preserved utilizing ice or “cold-paks” to maintain a temperature of 4°C.

Endpoint samples EP1, EP2, EP3, EP4 and EP5 and the duplicate were submitted to Phoenix Environmental Laboratories, Inc. located at 587 East Middle Turnpike, in Manchester, CT 06040 (NYS ELAP Certification No. 11301).

Each of the endpoint samples and the duplicate were submitted for laboratory analysis utilizing the following methodology:

- Volatile organic compounds by EPA Method 8260;
- Semi-volatile organic compounds by EPA Method 8270;
- Target Analyte List metals; and
- Pesticides/PCBs by EPA Method 8081/8082.

A copy of each of the laboratory reports for the endpoint soil samples is attached in Appendix E. A tabular and map summary of end-point sampling results is included in Tables 1 through 4 and Figure 6, respectively. As shown in Tables 2 through 5, no VOCs, SVOCs, pesticides, PCBs or metals were detected above Unrestricted Use or Groundwater Protection SCOs within endpoint soil samples EP1 through EP4. However, EP5 reported several Unrestricted Use SCO exceedences were detected for the metals cadmium, lead, mercury and zinc, and the SVOCs benzo(a)anthracene, and benzo(b)fluoranthene. A follow-up endpoint soil sample (EP-5A) was collected after additional soil was removed from the collection location of EP5, and submitted to Phoenix Environmental Laboratories, Inc. for laboratory analysis of metals and SVOCs. No metals or SVOCs were detected above Unrestricted Use or Groundwater Protection SCOs within the follow-up endpoint soil samples, with the exception of two slight Unrestricted Use SCOs exceedences of the metals lead (66.2 ppm) and mercury (0.31 ppm).

#### **4.4 Materials Disposal**

Waste characterization soil sampling was performed on February 14, 2013. Historic fill (brown silty sand with large amounts brick) was encountered from grade to a depth of approximately 4 feet below grade across the Site. EBC formed one 5-pt composite soil sample representing the interval 0 to 4 feet below grade, and one 5-pt composite soil sample representing the interval 4 feet to basement (final excavation depth). A supplemental 5-pt composite waste characterization soil sample was collected from five test pits excavated to 4 feet below grade to meet the analysis requirements of Cumberland County Landfill. The laboratory results, profile form and a formal letter describing the sampling process and material type, was forwarded to Soil Safe to obtain soil disposal approval for the top 4ft across the Site at Cumberland County Landfill, and all soil below 4 feet that required excavation for the new building at Malanka Landfill. A copy of the soil disposal request letters prepared for Cumberland County Landfill and Malanka Landfill,

which included the test pit sampling plan and laboratory results is attached in Appendix F. A copy of the soil disposal acceptance letters issued by Cumberland County Landfill and Malanka Landfill is also attached in Appendix F.

From June 26, 2013 to July 17, 2013, a total 477.27 tons of soil segregated from the historic fill layer present across the entire Site to a depth of approximately 4 feet was loaded into 10-wheel dump trucks for transport to Cumberland County Landfill. Copies of each of the non-hazardous manifests and associated scale tickets for the soil transported to Cumberland Landfill are included in Appendix H. Brick segregated from the historic fill using a mechanical screen was transported to Alloco Recycling (354 yd<sup>3</sup>).

An additional 456.93 tons of native soil present below the historic fill layer was removed on from August 15, 2013 to October 28, 2013 to depths of approximately 10 feet below grade to construct the new building's cellar levels. Copies of each of the non-hazardous manifests and associated scale tickets for the soil transported to Malanka are included in Appendix I, and copies of each of the roll-off container invoices for each load of brick segregated from the historic fill are included in Appendix G.

The volume/tonnage and destination of material removed and disposed off-Site is presented below:

**Table 6 - Disposal Quantities and Disposal Facilities**

<b>Destination</b>	<b>Type of Material</b>	<b>Quantity</b>
Cumberland County Landfill Deerfield Township, Cumberland County, NJ	Historic Fill	477.27 tons
Malanka Landfill - Secaucus, NJ	Clean Soil	456.93 tons
Alloco - 540 Kingsland Avenue, Brooklyn, NY	Brick	354 yd <sup>3</sup>

## 5.0 ENGINEERING CONTROLS

A Track 1 Remedial Action was achieved and Engineering Controls are not required. However, as part of construction, several protective systems were installed. These are:

### **Composite Cover System**

The Composite Cover System consists of the 6 inch thick cellar slab, and the 6 inch thick concrete capped rear/side yards. Photographs of construction of the Composite Cover System are included in Appendix B. The composite cover system was installed by Cross Concrete, Inc.

### **Vapor Barrier**

Migration of soil vapor is mitigated with a combination of building slab and vapor barrier. Raven Industries' VaporBlock 20 Plus, which is a seven layer co-extruded barrier made from state-of-the-art polyethylene and EVOH resins was installed prior to pouring the building's cellar concrete slab. The vapor barrier extends throughout the area occupied by the footprint of the new building and extends upward behind each of the foundation walls of the building. All vapor barrier seams, penetrations, and repairs were sealed utilizing the tape method, in accordance with to the manufacturer's installation instructions. Photos of the vapor barrier being installed are included in Appendix B and the approximate layout is shown on Figure 7. The vapor barrier was installed by the foundation contractor, Cross Concrete, Inc.

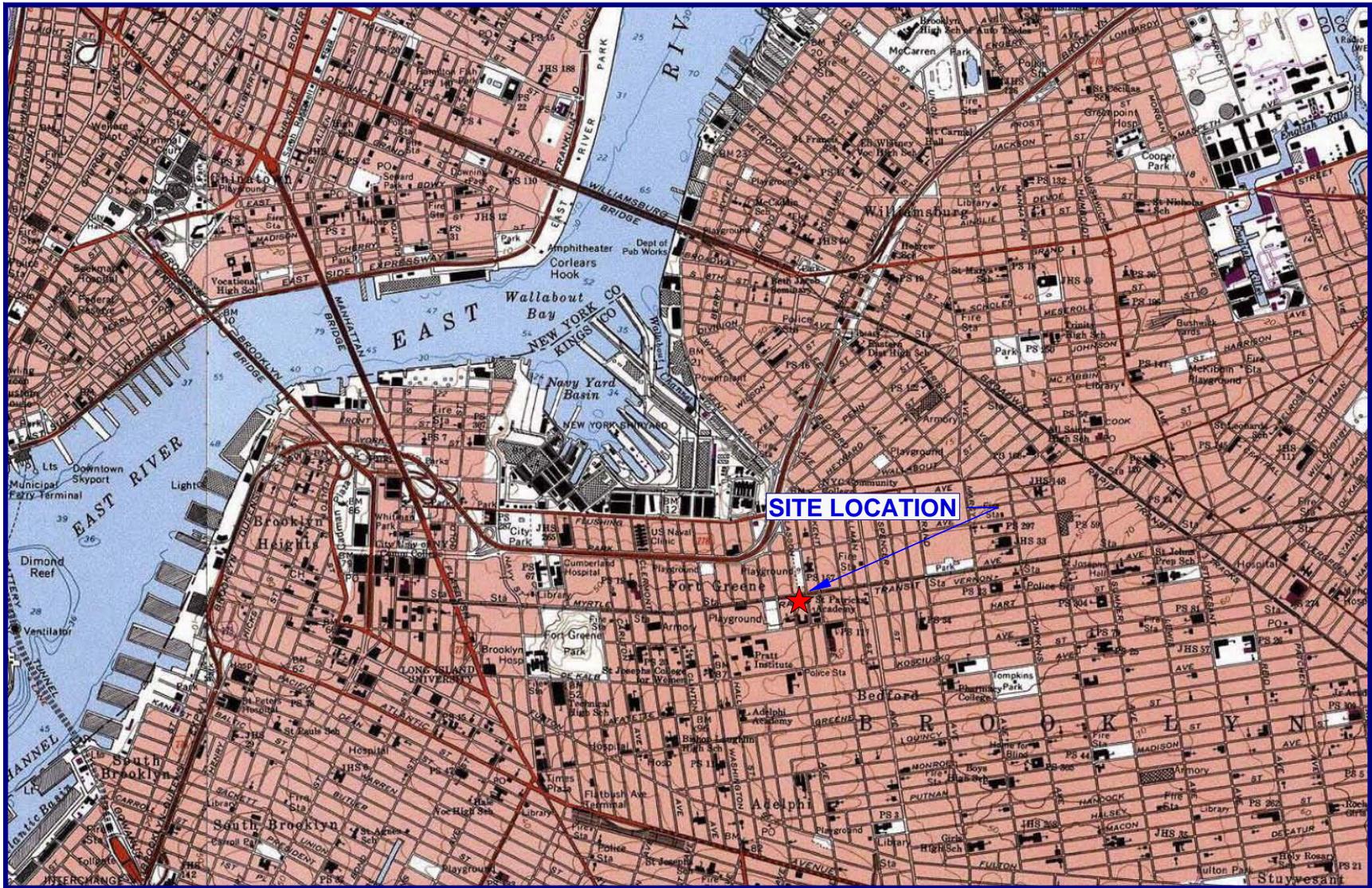
## **6.0 INSTITUTIONAL CONTROLS**

A Track 1 Remedial Action was achieved, therefore Institutional Controls are not required for this project.

## **7.0 SITE MANAGEMENT PLAN**

A Track 1 Remedial Action was achieved and Site Management is not required.

# **FIGURES**



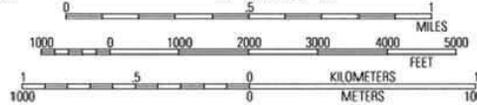
74°00.000' W

73°59.000' W

73°58.000' W

73°57.000' W

WGS84 73°56.000' W



MIN ↑ TN  
13°  
10/30/11

USGS Brooklyn Quadrangle 1995, Contour Interval = 10 feet



**ENVIRONMENTAL BUSINESS CONSULTANTS**  
1808 MIDDLE COUNTRY ROAD, RIDGE, NY 11961

Phone 631.504.6000  
Fax 631.924.2780

**588 MYRTLE AVENUE  
BROOKLYN, NY**

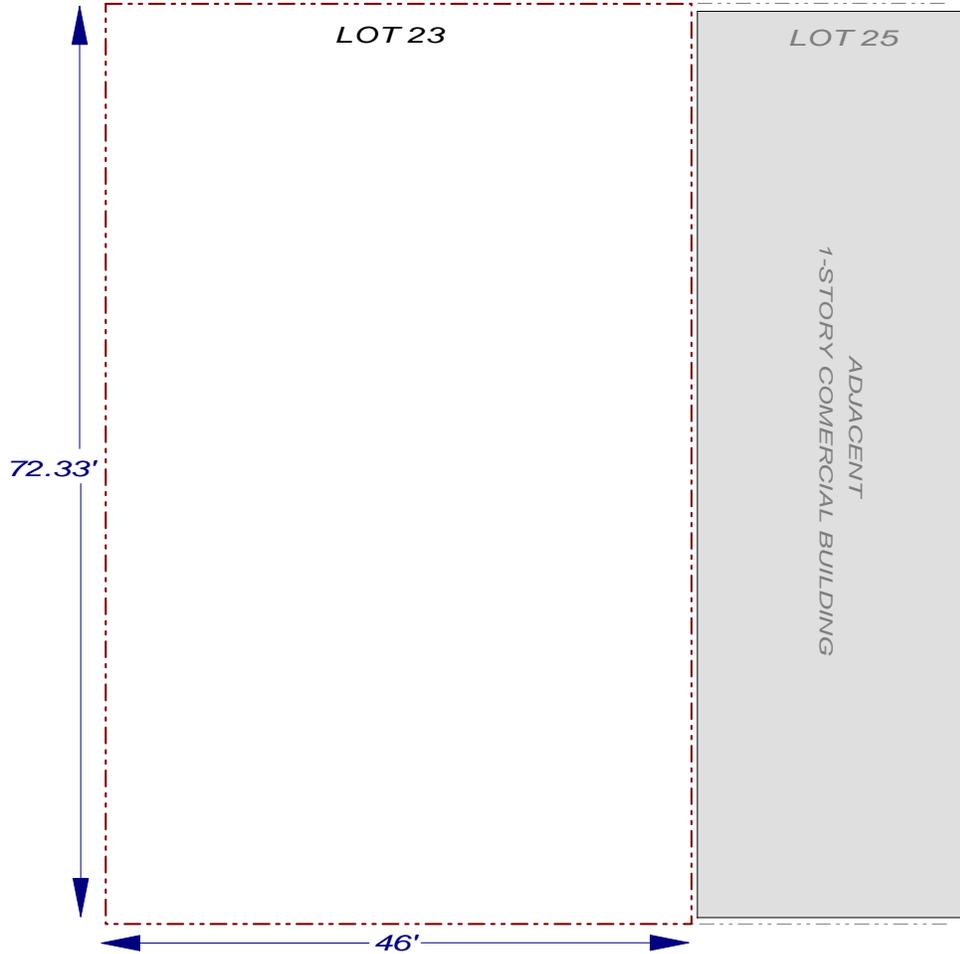
**FIGURE 1** SITE LOCATION MAP



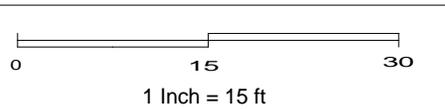
MYRTLE AVENUE

SIDEWALK

CLASSON AVENUE



SCALE:



KEY:



ENVIRONMENTAL BUSINESS CONSULTANTS

Phone 631.504.6000  
Fax 631.924.2870

Figure No.  
**2**

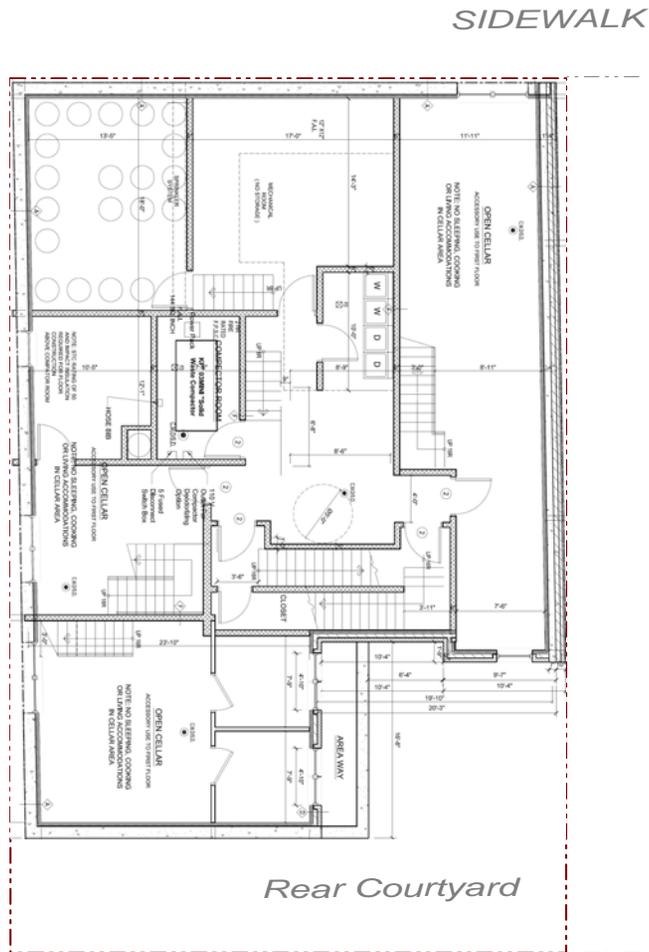
Site Name:	Redevelopment Project
Site Address:	586-588 Myrtle Avenue, Brooklyn, NY
Drawing Title:	Site Plan

# CELLAR FLOOR PLAN

# MYRTLE AVENUE ELEVATION



CLASSON AVENUE

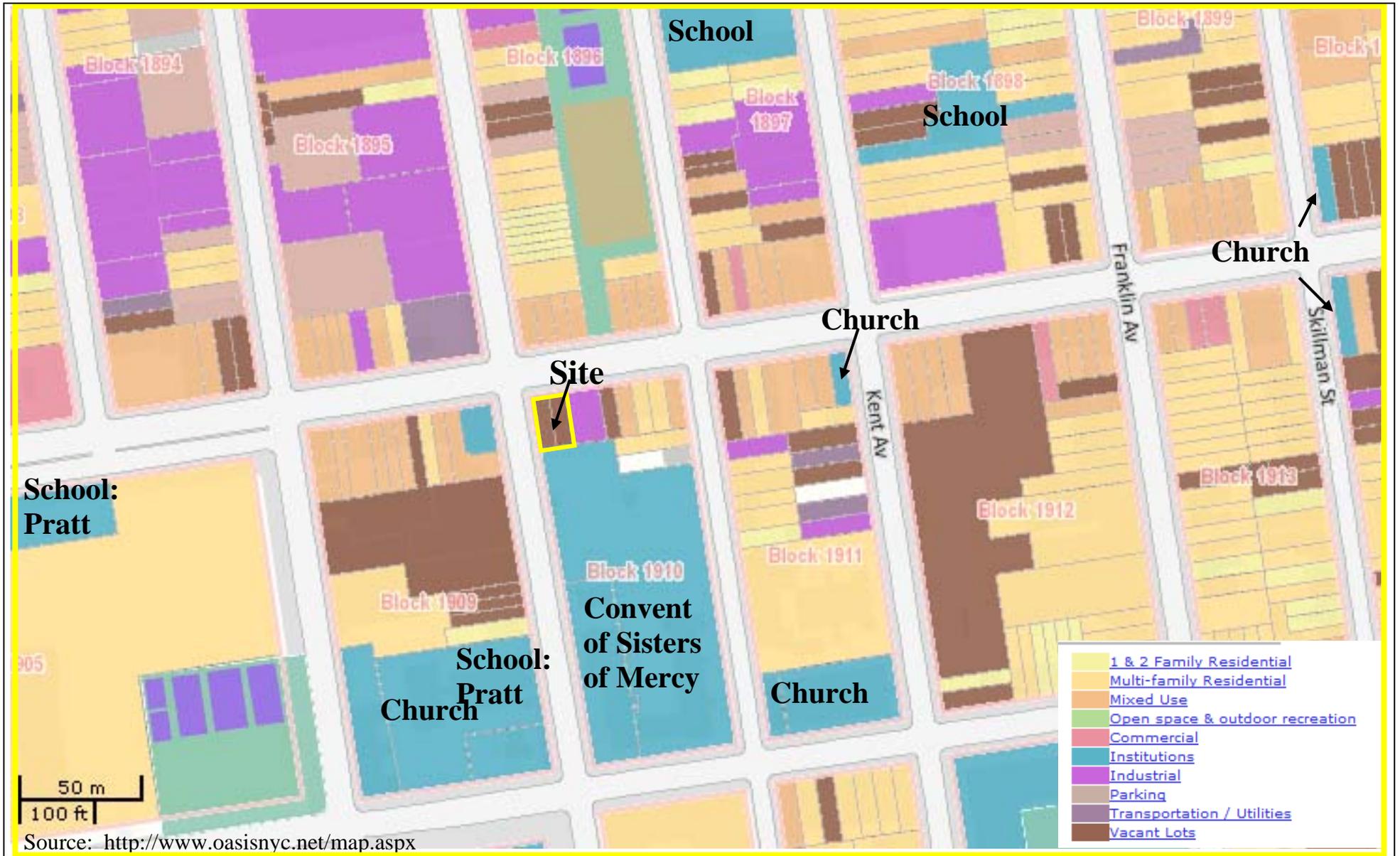


**EB**C  
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Fax 631.924.2870

Figure No.  
**3**

Site Name: REDEVELOPMENT PROJECT  
Site Address: 586-588 MYRTLE AVENUE, BROOKLYN, NY  
Drawing Title: REDEVELOPMENT PLAN



**FIGURE 4**  
**SURROUNDING LAND USE MAP**

586-588 MYRTLE AVENUE, BROOKLYN NY



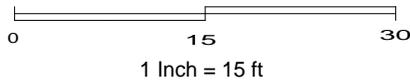
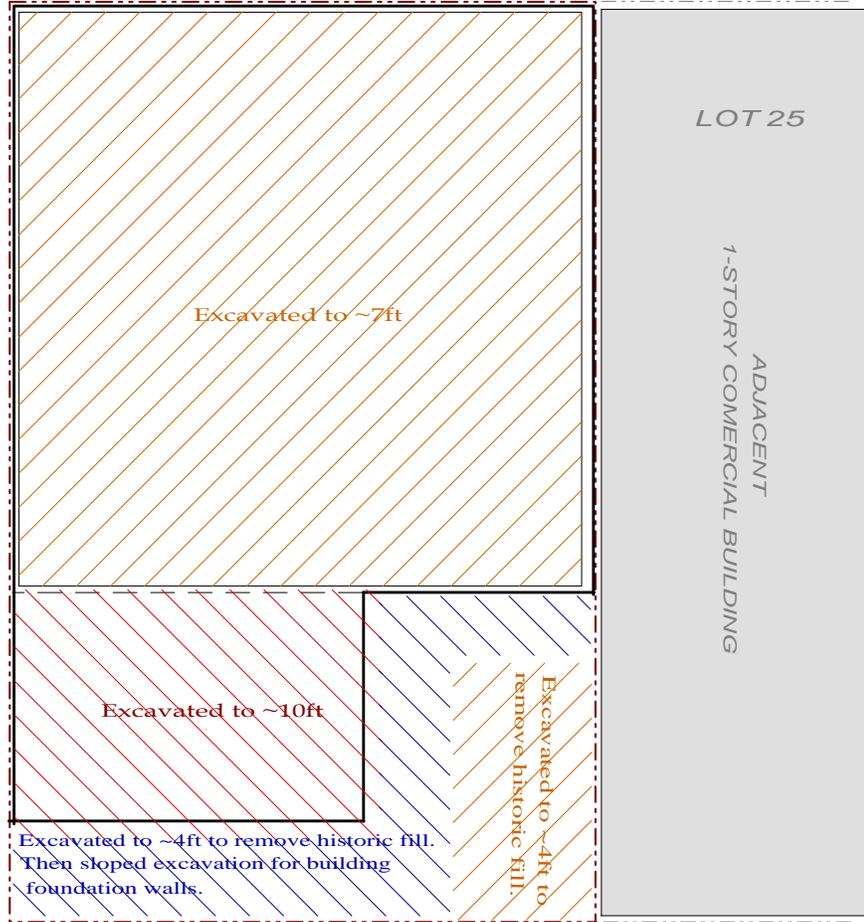
**ENVIRONMENTAL BUSINESS CONSULTANTS**  
 1808 MIDDLE COUNTRY ROAD, RIDGE, NEW YORK 11961  
 PHONE: (631) 504-6000 FAX: (631) 924-2870



MYRTLE AVENUE

SIDEWALK

CLASSON AVENUE



KEY

Site Boundary



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Figure No.  
**5**

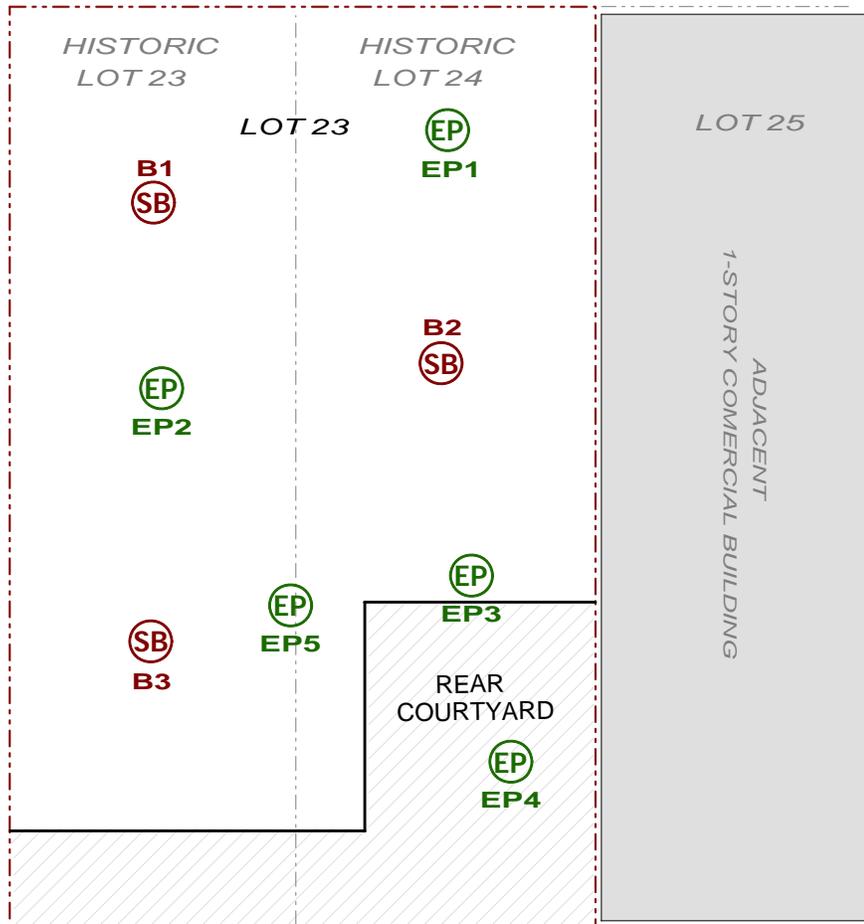
Site Name:	Redevelopment Project
Site Address:	586-588 Myrtle Avenue, Brooklyn, NY
Drawing Title:	Excavation Diagram



MYRTLE AVENUE

SIDEWALK

CLASSON AVENUE



KEY:

-  Site Boundary
-  RI Soil Boring Location
-  EP Sample Location

SCALE:

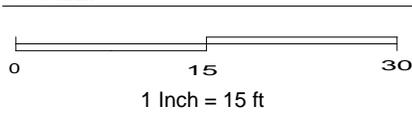


Figure No.  
**6**

Site Name:	Redevelopment Site
Site Address:	586-588 Myrtle Avenue, Brooklyn, NY
Drawing Title:	Endpoint Sampling Diagram

**EBC**

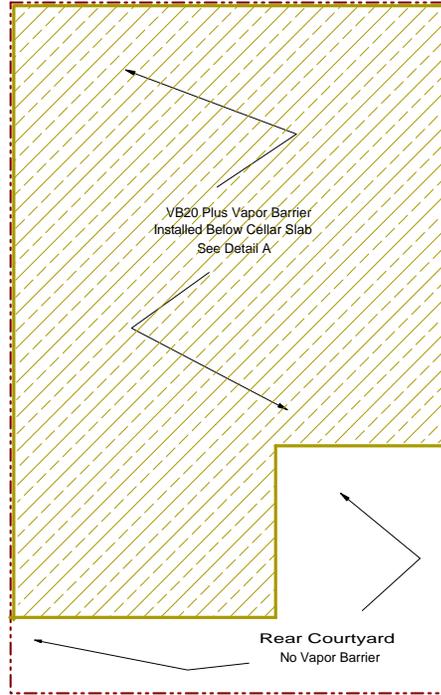
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MYRTLE AVENUE

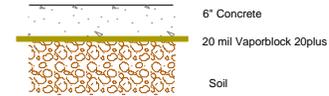
SIDEWALK

CLASSON AVENUE



**Detail A**

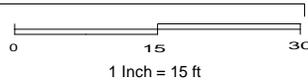
**VB Detail: Concrete Slab**



**Detail B**



**SCALE:**



**KEY**

Site Boundary

Installation Extent of VB20 Plus Vapor Barrier

VB20 Plus Vapor Barrier Installed Behind Foundation Walls

# **TABLES**

TABLE 1  
586-588 Myrtle Avenue, Brooklyn, New York  
Soil Analytical Results  
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B1	B2	B3	EP1	EP2	EP3	EP4	EP5	Duplicate
			Dec 2012 RI	Dec 2012 RI	Dec 2012 RI	Aug-13	Aug-13	Aug-13	Aug-13	Aug-13	Aug-13
			(7-9) µg/Kg	(7-9) µg/Kg	(7-9) µg/Kg	Endpoint µg/Kg	Endpoint µg/Kg	Endpoint µg/Kg	Endpoint µg/Kg	Endpoint µg/Kg	Endpoint µg/Kg
1,1,1,2-Tetrachloroethane			ND	ND	ND	ND 4.7	ND 8.9	ND 5.1	ND 6	ND 7.9	ND 5.3
1,1,1-Trichloroethane	680	100,000	ND	ND	ND	ND 4.7	ND 8.9	ND 5.1	ND 6	ND 7.9	ND 5.3
1,1,2,2-Tetrachloroethane			ND	ND	ND	ND 4.7	ND 8.9	ND 5.1	ND 6	ND 7.9	ND 5.3
1,1,2-Trichloroethane			ND	ND	ND	ND 4.7	ND 8.9	ND 5.1	ND 6	ND 7.9	ND 5.3
1,1-Dichloroethane	270	26,000	ND	ND	ND	ND 4.7	ND 8.9	ND 5.1	ND 6	ND 7.9	ND 5.3
1,1-Dichloroethene	330	100,000	ND	ND	ND	ND 4.7	ND 8.9	ND 5.1	ND 6	ND 7.9	ND 5.3
1,1-Dichloropropene			ND	ND	ND	ND 4.7	ND 8.9	ND 5.1	ND 6	ND 7.9	ND 5.3
1,2,3-Trichlorobenzene			ND	ND	ND	ND 4.7	ND 8.9	ND 5.1	ND 6	ND 7.9	ND 5.3
1,2,3-Trichloropropane			ND	ND	ND	ND 4.7	ND 8.9	ND 5.1	ND 6	ND 7.9	ND 5.3
1,2,4-Trichlorobenzene			ND	ND	ND	ND 4.7	ND 8.9	ND 5.1	ND 6	ND 7.9	ND 5.3
1,2,4-Trimethylbenzene	3,600	52,000	ND	ND	ND	ND 4.7	ND 8.9	ND 5.1	ND 6	ND 7.9	ND 5.3
1,2-Dibromo-3-chloropropane			ND	ND	ND	ND 4.7	ND 8.9	ND 5.1	ND 6	ND 7.9	ND 5.3
1,2-Dichlorobenzene	1,100	100,000	ND	ND	ND	ND 4.7	ND 8.9	ND 5.1	ND 6	ND 7.9	ND 5.3
1,2-Dichloroethane	20	3,100	ND	ND	ND	ND 4.7	ND 8.9	ND 5.1	ND 6	ND 7.9	ND 5.3
1,2-Dichloropropane			ND	ND	ND	ND 4.7	ND 8.9	ND 5.1	ND 6	ND 7.9	ND 5.3
1,3,5-Trimethylbenzene	8,400	52,000	ND	ND	ND	ND 4.7	ND 8.9	ND 5.1	ND 6	ND 7.9	ND 5.3
1,3-Dichlorobenzene	2,400	4,900	ND	ND	ND	ND 4.7	ND 8.9	ND 5.1	ND 6	ND 7.9	ND 5.3
1,3-Dichloropropane			ND	ND	ND	ND 4.7	ND 8.9	ND 5.1	ND 6	ND 7.9	ND 5.3
1,4-Dichlorobenzene	1,800	13,000	ND	ND	ND	ND 4.7	ND 8.9	ND 5.1	ND 6	ND 7.9	ND 5.3
2,2-Dichloropropane			ND	ND	ND	ND 4.7	ND 8.9	ND 5.1	ND 6	ND 7.9	ND 5.3
2-Chlorotoluene			ND	ND	ND	ND 4.7	ND 8.9	ND 5.1	ND 6	ND 7.9	ND 5.3
2-Hexanone (Methyl Butyl Ketone)			ND	ND	ND	ND 4.7	ND 8.9	ND 5.1	ND 6	ND 7.9	ND 5.3
2-Isopropyltoluene			ND	ND	ND	ND 24	ND 44	ND 25	ND 30	ND 39	ND 32
4-Chlorotoluene			ND	ND	ND	ND 4.7	ND 8.9	ND 5.1	ND 6	ND 7.9	ND 5.3
4-Methyl-2-Pentanone			ND	ND	ND	ND 4.7	ND 8.9	ND 5.1	ND 6	ND 7.9	ND 5.3
Acetone	50	100,000	ND	ND	ND	ND 24	ND 44	ND 25	ND 30	ND 39	ND 32
Acrylonitrile			ND	ND	ND	ND 4.7	ND 8.9	ND 5.1	ND 6	ND 7.9	ND 5.3
Benzene	60	4,800	ND	ND	ND	ND 9.5	ND 18	ND 10	ND 12	ND 16	ND 13
Bromobenzene			ND	ND	ND	ND 4.7	ND 8.9	ND 5.1	ND 6	ND 7.9	ND 5.3
Bromochloromethane			ND	ND	ND	ND 4.7	ND 8.9	ND 5.1	ND 6	ND 7.9	ND 5.3
Bromodichloromethane			ND	ND	ND	ND 4.7	ND 8.9	ND 5.1	ND 6	ND 7.9	ND 5.3
Bromoform			ND	ND	ND	ND 4.7	ND 8.9	ND 5.1	ND 6	ND 7.9	ND 5.3
Bromomethane			ND	ND	ND	ND 4.7	ND 8.9	ND 5.1	ND 6	ND 7.9	ND 5.3
Carbon Disulfide			ND	ND	ND	ND 4.7	ND 8.9	ND 5.1	ND 6	ND 7.9	ND 5.3
Carbon tetrachloride	780	2,400	ND	ND	ND	ND 4.7	ND 8.9	ND 5.1	ND 6	ND 7.9	ND 5.3
Chlorobenzene	1,100	100,000	ND	ND	ND	ND 4.7	ND 8.9	ND 5.1	ND 6	ND 7.9	ND 5.3
Chloroethane			ND	ND	ND	ND 4.7	ND 8.9	ND 5.1	ND 6	ND 7.9	ND 5.3
Chloroform	370	49,000	ND	ND	ND	ND 4.7	ND 8.9	ND 5.1	ND 6	ND 7.9	ND 5.3
Chloromethane			ND	ND	ND	ND 4.7	ND 8.9	ND 5.1	ND 6	ND 7.9	ND 5.3
cis-1,2-Dichloroethene	250	100,000	ND	ND	ND	ND 4.7	ND 8.9	ND 5.1	ND 6	ND 7.9	ND 5.3
cis-1,3-Dichloropropane			ND	ND	ND	ND 4.7	ND 8.9	ND 5.1	ND 6	ND 7.9	ND 5.3
Dibromochloromethane			ND	ND	ND	ND 4.7	ND 8.9	ND 5.1	ND 6	ND 7.9	ND 5.3
Dibromoethane			ND	ND	ND	ND 4.7	ND 8.9	ND 5.1	ND 6	ND 7.9	ND 5.3
Dibromomethane			ND	ND	ND	ND 4.7	ND 8.9	ND 5.1	ND 6	ND 7.9	ND 5.3
Dichlorodifluoromethane			ND	ND	ND	ND 4.7	ND 8.9	ND 5.1	ND 6	ND 7.9	ND 5.3
Ethylbenzene	1,000	41,000	ND	ND	ND	ND 4.7	ND 8.9	ND 5.1	ND 6	ND 7.9	ND 5.3
Hexachlorobutadiene			ND	ND	ND	ND 4.7	ND 8.9	ND 5.1	ND 6	ND 7.9	ND 5.3
Isopropylbenzene			ND	ND	ND	ND 4.7	ND 8.9	ND 5.1	ND 6	ND 7.9	ND 5.3
m&p-Xylenes	260	100,000	ND	ND	ND	ND 4.7	ND 8.9	ND 5.1	ND 6	ND 7.9	ND 5.3
Methyl Ethyl Ketone (2-Butanone)	120	100,000	ND	ND	ND	ND 28	ND 53	ND 30	ND 36	ND 47	ND 38
Methyl t-butyl ether (MTBE)	930	100,000	ND	ND	ND	ND 9.5	ND 18	ND 10	ND 12	ND 16	ND 13
Methylene chloride	50	100,000	ND	ND	ND	ND 4.7	ND 8.9	ND 5.1	ND 6	ND 7.9	ND 5.3
Naphthalene			ND	ND	ND	ND 4.7	ND 8.9	ND 5.1	ND 6	ND 7.9	ND 5.3
n-Butylbenzene	12,000	100,000	ND	ND	ND	ND 4.7	ND 8.9	ND 5.1	ND 6	ND 7.9	ND 5.3
n-Propylbenzene	3,900	100,000	ND	ND	ND	ND 4.7	ND 8.9	ND 5.1	ND 6	ND 7.9	ND 5.3
o-Xylene	260	100,000	ND	ND	ND	ND 4.7	ND 8.9	ND 5.1	ND 6	ND 7.9	ND 5.3
p-Isopropyltoluene			ND	ND	ND	ND 4.7	ND 8.9	ND 5.1	ND 6	ND 7.9	ND 5.3
sec-Butylbenzene	11,000	100,000	ND	ND	ND	ND 4.7	ND 8.9	ND 5.1	ND 6	ND 7.9	ND 5.3
Styrene			ND	ND	ND	ND 4.7	ND 8.9	ND 5.1	ND 6	ND 7.9	ND 5.3
tert-Butylbenzene	5,900	100,000	ND	ND	ND	ND 4.7	ND 8.9	ND 5.1	ND 6	ND 7.9	ND 5.3
Tetrachloroethene	1,300	19,000	ND	ND	ND	ND 4.7	ND 8.9	ND 5.1	ND 6	ND 7.9	ND 5.3
Tetrahydrofuran (THF)			ND	ND	ND	ND 9.5	ND 18	ND 10	ND 12	ND 16	ND 13
Toluene	700	100,000	ND	ND	ND	ND 4.7	ND 8.9	ND 5.1	ND 6	ND 7.9	ND 5.3
trans-1,2-Dichloroethene	190	100,000	ND	ND	ND	ND 4.7	ND 8.9	ND 5.1	ND 6	ND 7.9	ND 5.3
trans-1,3-Dichloropropene			ND	ND	ND	ND 4.7	ND 8.9	ND 5.1	ND 6	ND 7.9	ND 5.3
trans-1,4-dichloro-2-butene			ND	ND	ND	ND 9.5	ND 18	ND 10	ND 12	ND 16	ND 13
Trichloroethene	470	21,000	ND	ND	ND	ND 4.7	ND 8.9	ND 5.1	ND 6	ND 7.9	ND 5.3
Trichlorofluoromethane			ND	ND	ND	ND 4.7	ND 8.9	ND 5.1	ND 6	ND 7.9	ND 5.3
Trichlorotrifluoroethane			ND	ND	ND	ND 4.7	ND 8.9	ND 5.1	ND 6	ND 7.9	ND 5.3
Vinyl Chloride	20	900	ND	ND	ND	ND 4.7	ND 8.9	ND 5.1	ND 6	ND 7.9	ND 5.3

Notes:  
\* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

ND - Not detected

**Bold/highlighted**- Indicated exceedance of the NYSDEC UUSCO Guidance Value

**Bold/highlighted**- Indicated exceedance of the NYSDEC RRSO Guidance Value

TABLE 2  
586-588 Myrtle Avenue, Brooklyn, New York  
Soil Analytical Results  
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B1	B2	B3	EP1	EP2	EP3	EP4	EP5	Duplicate	EP5A
			Dec 2012 RI	Dec 2012 RI	Dec 2012 RI	Aug-13	Aug-13	Aug-13	Aug-13	Aug-13	Aug-13	Apr-14
			(7-9) µg/Kg	(7-9) µg/Kg	(7-9) µg/Kg	Endpoint µg/Kg						
1,2,4,5-Tetrachlorobenzene			ND	ND	ND	ND 250	ND 300	ND 290	ND 280	ND 260	ND 290	< 290 290
1,2,4-Trichlorobenzene			ND	ND	ND	ND 250	ND 300	ND 290	ND 280	ND 260	ND 290	< 290 290
1,2-Dichlorobenzene			ND	ND	ND	ND 250	ND 300	ND 290	ND 280	ND 260	ND 290	< 290 290
1,3-Dichlorobenzene			ND	ND	ND	ND 250	ND 300	ND 290	ND 280	ND 260	ND 290	< 290 290
1,4-Dichlorobenzene			ND	ND	ND	ND 250	ND 300	ND 290	ND 280	ND 260	ND 290	< 290 290
2,4,5-Trichlorophenol			ND	ND	ND	ND 250	ND 300	ND 290	ND 280	ND 260	ND 290	< 290 290
2,4,6-Trichlorophenol			ND	ND	ND	ND 250	ND 300	ND 290	ND 280	ND 260	ND 290	< 290 290
2,4-Dichlorophenol			ND	ND	ND	ND 250	ND 300	ND 290	ND 280	ND 260	ND 290	< 290 290
2,4-Dimethylphenol			ND	ND	ND	ND 250	ND 300	ND 290	ND 280	ND 260	ND 290	< 290 290
2,4-Dinitrophenol			ND	ND	ND	ND 1,800	ND 2,200	ND 2,000	ND 2,000	ND 1,900	ND 2,100	< 2,000 2,000
2,4-Dinitrotoluene			ND	ND	ND	ND 250	ND 300	ND 290	ND 280	ND 260	ND 290	< 290 290
2,6-Dinitrotoluene			ND	ND	ND	ND 250	ND 300	ND 290	ND 280	ND 260	ND 290	< 290 290
2-Chloronaphthalene			ND	ND	ND	ND 250	ND 300	ND 290	ND 280	ND 260	ND 290	< 290 290
2-Chlorophenol			ND	ND	ND	ND 250	ND 300	ND 290	ND 280	ND 260	ND 290	< 290 290
2-Methylnaphthalene			ND	ND	ND	ND 250	ND 300	ND 290	ND 280	ND 260	ND 290	< 290 290
2-Methylphenol (o-cresol)	330	100,000	ND	ND	ND	ND 250	ND 300	ND 290	ND 280	ND 260	ND 290	< 290 290
2-Nitroaniline			ND	ND	ND	ND 1,800	ND 2,200	ND 2,000	ND 2,000	ND 1,900	ND 2,100	< 2,000 2,000
2-Nitrophenol			ND	ND	ND	ND 250	ND 300	ND 290	ND 280	ND 260	ND 290	< 290 290
3&4-Methylphenol (m&p-cresol)	330	100,000	ND	ND	ND	ND 250	ND 300	ND 290	ND 280	ND 260	ND 290	< 290 290
3,3'-Dichlorobenzidine			ND	ND	ND	ND 710	ND 860	ND 820	ND 800	ND 740	ND 830	< 810 810
3-Nitroaniline			ND	ND	ND	ND 1,800	ND 2,200	ND 2,000	ND 2,000	ND 1,900	ND 2,100	< 2,000 2,000
4,6-Dinitro-2-methylphenol			ND	ND	ND	ND 1,800	ND 2,200	ND 2,000	ND 2,000	ND 1,900	ND 2,100	< 2,000 2,000
4-Bromophenyl phenyl ether			ND	ND	ND	ND 250	ND 300	ND 290	ND 280	ND 260	ND 290	< 290 290
4-Chloro-3-methylphenol			ND	ND	ND	ND 250	ND 300	ND 290	ND 280	ND 260	ND 290	< 290 290
4-Chloroaniline			ND	ND	ND	ND 710	ND 860	ND 820	ND 800	ND 740	ND 830	< 810 810
4-Chlorophenyl phenyl ether			ND	ND	ND	ND 250	ND 300	ND 290	ND 280	ND 260	ND 290	< 290 290
4-Nitroaniline			ND	ND	ND	ND 1,800	ND 2,200	ND 2,000	ND 2,000	ND 1,900	ND 2,100	< 2,000 2,000
4-Nitrophenol			ND	ND	ND	ND 1,800	ND 2,200	ND 2,000	ND 2,000	ND 1,900	ND 2,100	< 2,000 2,000
Acenaphthene	20,000	100,000	ND	ND	ND	ND 250	ND 300	ND 290	ND 280	140 260	ND 290	< 290 290
Acenaphthylene	100,000	100,000	ND	ND	ND	ND 250	ND 300	ND 290	ND 280	ND 260	ND 290	< 290 290
Acetophenone			ND	ND	ND	ND 250	ND 300	ND 290	ND 280	ND 260	ND 290	< 290 290
Aniline			ND	ND	ND	ND 1,800	ND 2,200	ND 2,000	ND 2,000	ND 1,900	ND 2,100	< 2,000 2,000
Anthracene	100,000	100,000	ND	ND	ND	ND 250	ND 300	ND 290	ND 280	500 280	ND 290	< 290 290
Benzo(a)anthracene	1,000	1,000	ND	ND	ND	ND 250	ND 300	170 290	ND 280	1,100 280	230 290	< 290 290
Benzzidine			ND	ND	ND	ND 710	ND 860	ND 820	ND 800	ND 740	ND 830	< 810 810
Benzo(a)pyrene	1,000	1,000	ND	ND	ND	ND 250	ND 300	190 290	ND 280	840 260	180 290	< 290 290
Benzo(b)fluoranthene	1,000	1,000	ND	ND	ND	ND 250	ND 300	250 290	150 280	1,200 260	260 290	< 290 290
Benzo(g,h,i)perylene	100,000	100,000	ND	ND	ND	ND 250	ND 300	ND 290	ND 280	270 260	ND 290	< 290 290
Benzo(k)fluoranthene	800	3,900	ND	ND	ND	ND 250	ND 300	ND 290	ND 280	400 260	ND 290	< 290 290
Benzoic Acid			ND	ND	ND	ND 1,800	ND 2,200	ND 2,000	ND 2,000	ND 1,900	ND 2,100	< 2,000 2,000
Butyl benzyl phthalate			ND	ND	ND	ND 250	ND 300	ND 290	ND 280	ND 260	ND 290	< 290 290
Bis(2-chloroethoxy)methane			ND	ND	ND	ND 250	ND 300	ND 290	ND 280	ND 260	ND 290	< 290 290
Bis(2-chloroethyl)ether			ND	ND	ND	ND 250	ND 300	ND 290	ND 280	ND 260	ND 290	< 290 290
Bis(2-chloroisopropyl)ether			ND	ND	ND	ND 250	ND 300	ND 290	ND 280	ND 260	ND 290	< 290 290
Bis(2-ethylhexyl)phthalate			ND	ND	ND	ND 250	ND 300	ND 290	ND 280	ND 260	ND 290	< 290 290
Carbazole			ND	ND	ND	ND 1,800	ND 2,200	ND 2,000	ND 2,000	ND 1,900	ND 2,100	< 2,000 2,000
Chrysene	1,000	3,900	ND	ND	ND	ND 250	ND 300	150 290	ND 280	790 260	210 290	< 290 290
Dibenzo(a,h)anthracene	330	330	ND	ND	ND	ND 250	ND 300	ND 290	ND 280	ND 260	ND 290	< 290 290
Dibenzofuran			ND	ND	ND	ND 250	ND 300	ND 290	ND 280	160 260	ND 290	< 290 290
Diethyl phthalate			ND	ND	ND	ND 250	ND 300	ND 290	ND 280	ND 260	ND 290	< 290 290
Dimethyl phthalate			ND	ND	ND	ND 250	ND 300	ND 290	ND 280	ND 260	ND 290	< 290 290
Di-n-butylphthalate			ND	ND	ND	ND 250	ND 300	ND 290	ND 280	ND 260	ND 290	< 290 290
Di-n-octylphthalate			ND	ND	ND	ND 250	ND 300	ND 290	ND 280	ND 260	ND 290	< 290 290
Fluoranthene	100,000	100,000	ND	ND	ND	ND 250	ND 300	390 290	220 280	2,000 260	530 290	150 290
Fluorene	30,000	100,000	ND	ND	ND	ND 250	ND 300	ND 290	ND 280	150 260	ND 290	< 290 290
Hexachlorobenzene			ND	ND	ND	ND 250	ND 300	ND 290	ND 280	ND 260	ND 290	< 290 290
Hexachlorobutadiene			ND	ND	ND	ND 250	ND 300	ND 290	ND 280	ND 260	ND 290	< 290 290
Hexachlorocyclopentadiene			ND	ND	ND	ND 250	ND 300	ND 290	ND 280	ND 260	ND 290	< 290 290
Hexachloroethane			ND	ND	ND	ND 250	ND 300	ND 290	ND 280	ND 260	ND 290	< 290 290
Indeno(1,2,3-cd)pyrene	500	500	ND	ND	ND	ND 250	ND 300	ND 290	ND 280	280 260	ND 290	< 290 290
Isophorone			ND	ND	ND	ND 250	ND 300	ND 290	ND 280	ND 260	ND 290	< 290 290
Naphthalene	12,000	100,000	ND	ND	ND	ND 250	ND 300	ND 290	ND 280	ND 260	ND 290	< 290 290
Nitrobenzene			ND	ND	ND	ND 250	ND 300	ND 290	ND 280	ND 260	ND 290	< 290 290
N-Nitrosodimethylamine			ND	ND	ND	ND 250	ND 300	ND 290	ND 280	ND 260	ND 290	< 290 290
N-Nitrosodi-n-propylamine			ND	ND	ND	ND 250	ND 300	ND 290	ND 280	ND 260	ND 290	< 290 290
N-Nitrosodiphenylamine			ND	ND	ND	ND 250	ND 300	ND 290	ND 280	ND 260	ND 290	< 290 290
Pentachloronitrobenzene			ND	ND	ND	ND 250	ND 300	ND 290	ND 280	ND 260	ND 290	< 290 290
Pentachlorophenol	800	6,700	ND	ND	ND	ND 250	ND 300	ND 290	ND 280	ND 260	ND 290	< 290 290
Phenanthrene	100,000	100,000	ND	ND	ND	ND 250	ND 300	190 290	160 280	2,100 260	490 290	< 290 290
Phenol	330	100,000	ND	ND	ND	ND 250	ND 300	ND 290	ND 280	ND 260	ND 290	< 290 290
Pyrene	100,000	100,000	ND	ND	ND	ND 250	ND 300	310 290	180 280	1,500 260	470 290	140 290
Pyridine			ND	ND	ND	ND 250	ND 300	ND 290	ND 280	ND 260	ND 290	< 290 290

Notes:

\* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

ND - Not detected

NA - Guidance value not available

**bold/highlighted**- Indicated exceedance of the NYSDEC UUSCO Guidance Value

**bold/highlighted**- Indicated exceedance of the NYSDEC RRSO Guidance Value

TABLE 3  
586-588 Myrtle Avenue, Brooklyn, New York  
Soil Analytical Results  
Pesticides / PCBs

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives**	B1	B2	B3	EP1		EP2		EP3		EP4		EP5		Duplicate	
			Dec 2012 RI	Dec 2012 RI	Dec 2012 RI	Aug-13		Aug-13									
			(7-9')	(7-9')	(7-9')	Endpoint		Endpoint									
			µg/Kg	µg/Kg	µg/Kg	µg/Kg		µg/Kg									
PCB-1016	1,000	1,000	ND	ND	ND	ND	35	ND	43	ND	41	ND	40	ND	37	ND	41
PCB-1221	1,000	1,000	ND	ND	ND	ND	35	ND	43	ND	41	ND	40	ND	37	ND	41
PCB-1232	1,000	1,000	ND	ND	ND	ND	35	ND	43	ND	41	ND	40	ND	37	ND	41
PCB-1242	1,000	1,000	ND	ND	ND	ND	35	ND	43	ND	41	ND	40	ND	37	ND	41
PCB-1248	1,000	1,000	ND	ND	ND	ND	35	ND	43	ND	41	ND	40	ND	37	ND	41
PCB-1254	1,000	1,000	ND	ND	ND	ND	35	ND	43	ND	41	ND	40	ND	37	ND	41
PCB-1260	1,000	1,000	ND	ND	ND	ND	35	ND	43	ND	41	ND	40	ND	37	ND	41
PCB-1262	1,000	1,000	ND	ND	ND	ND	35	ND	43	ND	41	ND	40	ND	37	ND	41
PCB-1268	1,000	1,000	ND	ND	ND	ND	35	ND	43	ND	41	ND	40	ND	37	ND	41
4,4-DDD	3.3	13,000	ND	ND	ND	ND	2.5	ND	3.1	ND	3	ND	2.9	ND	2.6	ND	3
4,4-DDE	3.3	8,900	ND	ND	ND	ND	2.5	ND	3.1	ND	3	ND	2.9	ND	2.6	ND	3
4,4-DDT	3.3	7,900	ND	ND	ND	ND	2.5	ND	3.1	ND	3	ND	2.9	ND	3.2	ND	3
a-BHC	20	480	ND	ND	ND	ND	1.7	ND	2.1	ND	2	ND	2	ND	1.8	ND	2
Alachlor			ND	ND	ND	ND	3.5	ND	4.3	ND	4.1	ND	4	ND	3.7	ND	4.1
Aldrin	5	97	ND	ND	ND	ND	1.7	ND	2.1	ND	2	ND	2	ND	1.8	ND	2
b-BHC	36	360	ND	ND	ND	ND	1.7	ND	2.1	ND	2	ND	2	ND	1.8	ND	2
Chlordane	94	4,200	<b>28</b>	ND	ND	ND	21	ND	26	ND	24	ND	24	ND	33	ND	25
d-BHC	40	100,000	ND	ND	ND	ND	1.7	ND	2.1	ND	2	ND	2	ND	2.2	ND	2
Dieldrin	5	200	ND	ND	ND	ND	1.7	ND	2.1	ND	2	ND	2	ND	1.8	ND	2
Endosulfan I	2,400	24,000	ND	ND	ND	ND	3.5	ND	4.3	ND	4.1	ND	4	ND	3.7	ND	4.1
Endosulfan II	2,400	24,000	ND	ND	ND	ND	3.5	ND	4.3	ND	4.1	ND	4	ND	3.7	ND	4.1
Endosulfan Sulfate	2,400	24,000	ND	ND	ND	ND	3.5	ND	4.3	ND	4.1	ND	4	ND	3.7	ND	4.1
Endrin	14	11,000	ND	ND	ND	ND	1.7	ND	2.1	ND	2	ND	2	ND	1.8	ND	2
Endrin aldehyde			ND	ND	ND	ND	3.5	ND	4.3	ND	4.1	ND	4	ND	3.7	ND	4.1
Endrin ketone			ND	ND	ND	ND	1.7	ND	2.1	ND	2	ND	2	ND	1.8	ND	2
gamma-BHC			ND	ND	ND	ND	1.7	ND	2.1	ND	2	ND	2	ND	1.8	ND	2
Heptachlor	42	2,100	ND	ND	ND	ND	1.7	ND	2.1	ND	2	ND	2	ND	1.8	ND	2
Heptachlor epoxide			ND	ND	ND	ND	1.7	ND	2.1	ND	2	ND	2	ND	4.4	ND	2
Methoxychlor			ND	ND	ND	ND	7	ND	8.6	ND	8.2	ND	8.1	ND	7.4	ND	8.2
Toxaphene			ND	ND	ND	ND	34	ND	41	ND	39	ND	39	ND	35	ND	39

Notes:

\* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

ND - Not-detected

**Bold/highlighted-** Indicated exceedance of the NYSDEC UUSCO Guidance Value

**Bold/highlighted-** Indicated exceedance of the NYSDEC RRSCO Guidance Value

TABLE 4  
586-588 Myrtle Avenue, Brooklyn, New York  
Soil Analytical Results  
Metals

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B1	B2	B3	EP1	EP2	EP3	EP4	EP5	Duplicate	EP5A							
			Dec 2012 RI	Dec 2012 RI	Dec 2012 RI	Aug-13	Apr-14												
			(7-9') µg/Kg	(7-9') µg/Kg	(7-9') µg/Kg	Endpoint µg/Kg													
Aluminum			17,100	19,100	9,860	9,600	32	14,800	41	9,770	43	8,110	36	8,930	33	12,700	43	10,700	40
Antimony			BRL	BRL	BRL	BRL	1.6	BRL	2.1	BRL	2.2	BRL	1.8	BRL	1.7	BRL	2.1	< 2.0	2
Arsenic	13	16	2.2	1.9	2.7	3.8	0.6	3.6	0.8	3.2	0.9	2.3	0.7	4.4	0.7	4.1	0.9	2.8	0.8
Barium	350	400	73.5	103	86.9	41.4	0.6	74.7	0.8	77.4	0.9	57.7	0.7	129	0.7	99.8	0.9	74.4	0.8
Beryllium	7.2	72	0.81	0.95	0.54	0.63	0.25	0.82	0.33	0.59	0.35	0.48	0.29	0.49	0.27	0.81	0.34	0.52	0.32
Cadmium	2.5 c	4.3	BRL	BRL	1.01	0.48	0.32	0.61	0.41	0.42	0.43	0.43	0.36	9.08	0.33	0.59	0.43	< 0.40	0.4
Calcium			1,430	1,600	5,270	746	3.2	1,890	4.1	1,830	4.3	1,570	3.6	8,230	3.3	2,440	4.3	2,660	4
Chromium	30 c	180 - trivalent	39.2	68.5	28.5	21.7	0.32	39.3	0.41	26.9	0.43	27.3	0.36	24	0.33	35.4	0.43	24.2	0.4
Cobalt			11.5	18.2	8.14	6.27	0.32	11.3	0.41	8.64	0.43	8.63	0.36	6.99	0.33	11.7	0.43	7.83	0.4
Copper	50	270	34.4	34.5	35.2	22.9	0.32	31.4	0.41	24	0.43	23	0.36	34.9	0.33	34.3	0.43	26.4	4
Iron			32,000	41,600	29,000	27,300	32	35,900	41	23,300	43	24,300	36	22,000	33	30,200	43	21,700	40
Lead	63 c	400	12	14	128	8.7	0.6	25.9	0.8	25.1	0.9	17.6	0.7	186	6.7	37.7	0.9	66.2	0.8
Magnesium			4,830	4,900	3,470	2,230	3.2	5,070	4.1	3,540	4.3	2,970	3.6	3,140	3.3	5,240	4.3	2,670	4
Manganese	1600 c	2,000	375	603	411	236	3.2	514	4.1	470	4.3	620	3.6	409	3.3	477	4.3	340	4
Mercury	0.18 c	0.81	BRL	BRL	0.21	BRL	0.08	0.07	0.08	0.16	0.09	0.14	0.07	0.74	0.07	0.26	0.08	0.31	0.08
Nickel	30	310	23.1	26.5	20.5	13.8	0.32	21.8	0.41	17.7	0.43	16.6	0.36	16.2	0.33	24.6	0.43	14.7	0.4
Potassium			3,060	2,850	1,960	1,100	6	2,740	8	2,310	9	2,160	7	1,580	7	3,070	9	2,040	8
Selenium	3.9c	180	BRL	BRL	BRL	BRL	1.3	BRL	1.6	BRL	1.7	BRL	1.4	BRL	1.3	BRL	1.7	< 1.6	1.6
Silver	2	180	BRL	BRL	BRL	BRL	0.32	BRL	0.41	BRL	0.43	BRL	0.36	BRL	0.33	BRL	0.43	< 0.40	0.4
Sodium			127	211	117	63	6	161	8	107	9	111	7	134	7	150	9	179	8
Thallium			BRL	BRL	BRL	BRL	0.5	BRL	0.7	BRL	0.7	BRL	0.6	BRL	0.5	BRL	0.7	< 1.6	1.6
Vanadium			49.7	81.6	35.3	38.7	0.3	54.8	0.4	38.7	0.4	36.7	0.4	34.8	0.3	53.1	0.4	36	0.4
Zinc	109 c	10,000	66.6	87	317	32.3	0.6	68.5	0.8	58.9	0.9	53.5	0.7	253	6.7	90.6	0.9	69.3	0.8

Notes:

\* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

BRL - Below Reporting Limit

**Bold/highlighted**- Indicated exceedance of the NYSDEC UUSCO Guidance Value

**Bold/highlighted**- Indicated exceedance of the NYSDEC RRSO Guidance Value

**TABLE 5**  
**Soil Cleanup Objectives**

Contaminant	CAS Number	Protection of Public Health				Protection of Ecological Resources	Protection of Ground-water	Unrestricted Use
		Residential	Restricted-Residential	Commercial	Industrial			
<b>METALS</b>								
Arsenic	7440-38 -2	16f	16f	16f	16f	13f	16f	13 <sup>c</sup>
Barium	7440-39 -3	350f	400	400	10,000 d	433	820	350 <sup>c</sup>
Beryllium	7440-41 -7	14	72	590	2,700	10	47	7.2
Cadmium	7440-43 -9	2.5f	4.3	9.3	60	4	7.5	2.5 <sup>c</sup>
Chromium, hexavalent <sup>h</sup>	18540-29-9	22	110	400	800	1e	19	1 <sup>b</sup>
Chromium, trivalent <sup>h</sup>	16065-83-1	36	180	1,500	6,800	41	NS	30 <sup>c</sup>
Copper	7440-50 -8	270	270	270	10,000 d	50	1,720	50
Total Cyanide <sup>h</sup>		27	27	27	10,000 d	NS	40	27
Lead	7439-92 -1	400	400	1,000	3,900	63f	450	63 <sup>c</sup>
Manganese	7439-96 -5	2,000f	2,000f	10,000 d	10,000 d	1600f	2,000f	1600 <sup>c</sup>
Total Mercury		0.81j	0.81j	2.8j	5.7j	0.18f	0.73	0.18 <sup>c</sup>
Nickel	7440-02 -0	140	310	310	10,000 d	30	130	30
Selenium	7782-49 -2	36	180	1,500	6,800	3.9f	4f	3.9 <sup>c</sup>
Silver	7440-22 -4	36	180	1,500	6,800	2	8.3	2
Zinc	7440-66 -6	2200	10,000 d	10,000 d	10,000 d	109f	2,480	109 <sup>c</sup>
<b>PESTICIDES / PCBs</b>								
2,4,5-TP Acid (Silvex)	93-72-1	58	100a	500b	1,000c	NS	3.8	3.8
4,4'-DDE	72-55-9	1.8	8.9	62	120	0.0033 e	17	0.0033 <sup>b</sup>
4,4'-DDT	50-29-3	1.7	7.9	47	94	0.0033 e	136	0.0033 <sup>b</sup>
4,4'-DDD	72-54-8	2.6	13	92	180	0.0033 e	14	0.0033 <sup>b</sup>
Aldrin	309-00-2	0.019	0.097	0.68	1.4	0.14	0.19	0.005 <sup>c</sup>
alpha-BHC	319-84-6	0.097	0.48	3.4	6.8	0.04g	0.02	0.02
beta-BHC	319-85-7	0.072	0.36	3	14	0.6	0.09	0.036
Chlordane (alpha)	5103-71 -9	0.91	4.2	24	47	1.3	2.9	0.094
delta-BHC	319-86-8	100a	100a	500b	1,000c	0.04g	0.25	0.04
Dibenzofuran	132-64-9	14	59	350	1,000c	NS	210	7
Dieldrin	60-57-1	0.039	0.2	1.4	2.8	0.006	0.1	0.005 <sup>c</sup>
Endosulfan I	959-98-8	4.8i	24i	200i	920i	NS	102	2.4
Endosulfan II	33213-65-9	4.8i	24i	200i	920i	NS	102	2.4
Endosulfan sulfate	1031-07 -8	4.8i	24i	200i	920i	NS	1,000c	2.4
Endrin	72-20-8	2.2	11	89	410	0.014	0.06	0.014
Heptachlor	76-44-8	0.42	2.1	15	29	0.14	0.38	0.042
Lindane	58-89-9	0.28	1.3	9.2	23	6	0.1	0.1
Polychlorinated biphenyls	1336-36 -3	1	1	1	25	1	3.2	0.1
<b>SEMI-VOLATILES</b>								
Acenaphthene	83-32-9	100a	100a	500b	1,000c	20	98	20
Acenaphthylene	208-96-8	100a	100a	500b	1,000c	NS	107	100 <sup>a</sup>
Anthracene	120-12-7	100a	100a	500b	1,000c	NS	1,000c	100 <sup>a</sup>
Benzo(a)anthracene	56-55-3	1f	1f	5.6	11	NS	1f	1 <sup>c</sup>
Benzo(a)pyrene	50-32-8	1f	1f	1f	1.1	2.6	22	1 <sup>c</sup>
Benzo(b) fluoranthene	205-99-2	1f	1f	5.6	11	NS	1.7	1 <sup>c</sup>
Benzo(g,h,i) perylene	191-24-2	100a	100a	500b	1,000c	NS	1,000c	100
Benzo(k) fluoranthene	207-08-9	1	3.9	56	110	NS	1.7	0.8 <sup>c</sup>
Chrysene	218-01-9	1f	3.9	56	110	NS	1f	1 <sup>c</sup>
Dibenz(a,h) anthracene	53-70-3	0.33e	0.33e	0.56	1.1	NS	1,000c	0.33 <sup>b</sup>
Fluoranthene	206-44-0	100a	100a	500b	1,000c	NS	1,000c	100 <sup>a</sup>
Fluorene	86-73-7	100a	100a	500b	1,000c	30	386	30
Indeno(1,2,3-cd) pyrene	193-39-5	0.5f	0.5f	5.6	11	NS	8.2	0.5 <sup>c</sup>
m-Cresol	108-39-4	100a	100a	500b	1,000c	NS	0.33e	0.33 <sup>b</sup>
Naphthalene	91-20-3	100a	100a	500b	1,000c	NS	12	12
o-Cresol	95-48-7	100a	100a	500b	1,000c	NS	0.33e	0.33 <sup>b</sup>
p-Cresol	106-44-5	34	100a	500b	1,000c	NS	0.33e	0.33 <sup>b</sup>
Pentachlorophenol	87-86-5	2.4	6.7	6.7	55	0.8e	0.8e	0.8 <sup>b</sup>
Phenanthrene	85-01-8	100a	100a	500b	1,000c	NS	1,000c	100
Phenol	108-95-2	100a	100a	500b	1,000c	30	0.33e	0.33 <sup>b</sup>
Pyrene	129-00-0	100a	100a	500b	1,000c	NS	1,000c	100

**TABLE 5**  
**Soil Cleanup Objectives**

Contaminant	CAS Number	Protection of Public Health				Protection of Ecological Resources	Protection of Ground-water	Unrestricted Use
		Residential	Restricted-Residential	Commercial	Industrial			
<b>VOLATILES</b>								
1,1,1-Trichloroethane	71-55-6	100a	100a	500b	1,000c	NS	0.68	0.68
1,1-Dichloroethane	75-34-3	19	26	240	480	NS	0.27	0.27
1,1-Dichloroethene	75-35-4	100a	100a	500b	1,000c	NS	0.33	0.33
1,2-Dichlorobenzene	95-50-1	100a	100a	500b	1,000c	NS	1.1	1.1
1,2-Dichloroethane	107-06-2	2.3	3.1	30	60	10	0.02f	0.02 <sup>c</sup>
cis-1,2-Dichloroethene	156-59-2	59	100a	500b	1,000c	NS	0.25	0.25
trans-1,2-Dichloroethene	156-60-5	100a	100a	500b	1,000c	NS	0.19	0.19
1,3-Dichlorobenzene	541-73-1	17	49	280	560	NS	2.4	2.4
1,4-Dichlorobenzene	106-46-7	9.8	13	130	250	20	1.8	1.8
1,4-Dioxane	123-91-1	9.8	13	130	250	0.1e	0.1e	0.1 <sup>b</sup>
Acetone	67-64-1	100a	100b	500b	1,000c	2.2	0.05	0.05
Benzene	71-43-2	2.9	4.8	44	89	70	0.06	0.06
Butylbenzene	104-51-8	100a	100a	500b	1,000c	NS	12	12
Carbon tetrachloride	56-23-5	1.4	2.4	22	44	NS	0.76	0.76
Chlorobenzene	108-90-7	100a	100a	500b	1,000c	40	1.1	1.1
Chloroform	67-66-3	10	49	350	700	12	0.37	0.37
Ethylbenzene	100-41-4	30	41	390	780	NS	1	1
Hexachlorobenzene	118-74-1	0.33e	1.2	6	12	NS	3.2	0.33 <sup>b</sup>
Methyl ethyl ketone	78-93-3	100a	100a	500b	1,000c	100a	0.12	0.12
Methyl tert-butyl ether	1634-04 -4	62	100a	500b	1,000c	NS	0.93	0.93
Methylene chloride	75-09-2	51	100a	500b	1,000c	12	0.05	0.05
n-Propylbenzene	103-65-1	100a	100a	500b	1,000c	NS	3.9	3.9
sec-Butylbenzene	135-98-8	100a	100a	500b	1,000c	NS	11	11
tert-Butylbenzene	98-06-6	100a	100a	500b	1,000c	NS	5.9	5.9
Tetrachloroethene	127-18-4	5.5	19	150	300	2	1.3	1.3
Toluene	108-88-3	100a	100a	500b	1,000c	36	0.7	0.7
Trichloroethene	79-01-6	10	21	200	400	2	0.47	0.47
1,2,4-Trimethylbenzene	95-63-6	47	52	190	380	NS	3.6	3.6
1,3,5-Trimethylbenzene	108-67-8	47	52	190	380	NS	8.4	8.4
Vinyl chloride	75-01-4	0.21	0.9	13	27	NS	0.02	0.02
Xylene (mixed)	1330-20 -7	100a	100a	500b	1,000c	0.26	1.6	0.26

All soil cleanup objectives (SCOs) are in parts per million (ppm). NS=Not specified. See Technical Support Document (TSD). Footnotes

a The SCOs for residential, restricted-residential and ecological resources use were capped at a maximum value of 100 ppm. See TSD section 9.3.

b The SCOs for commercial use were capped at a maximum value of 500 ppm. See TSD section 9.3.

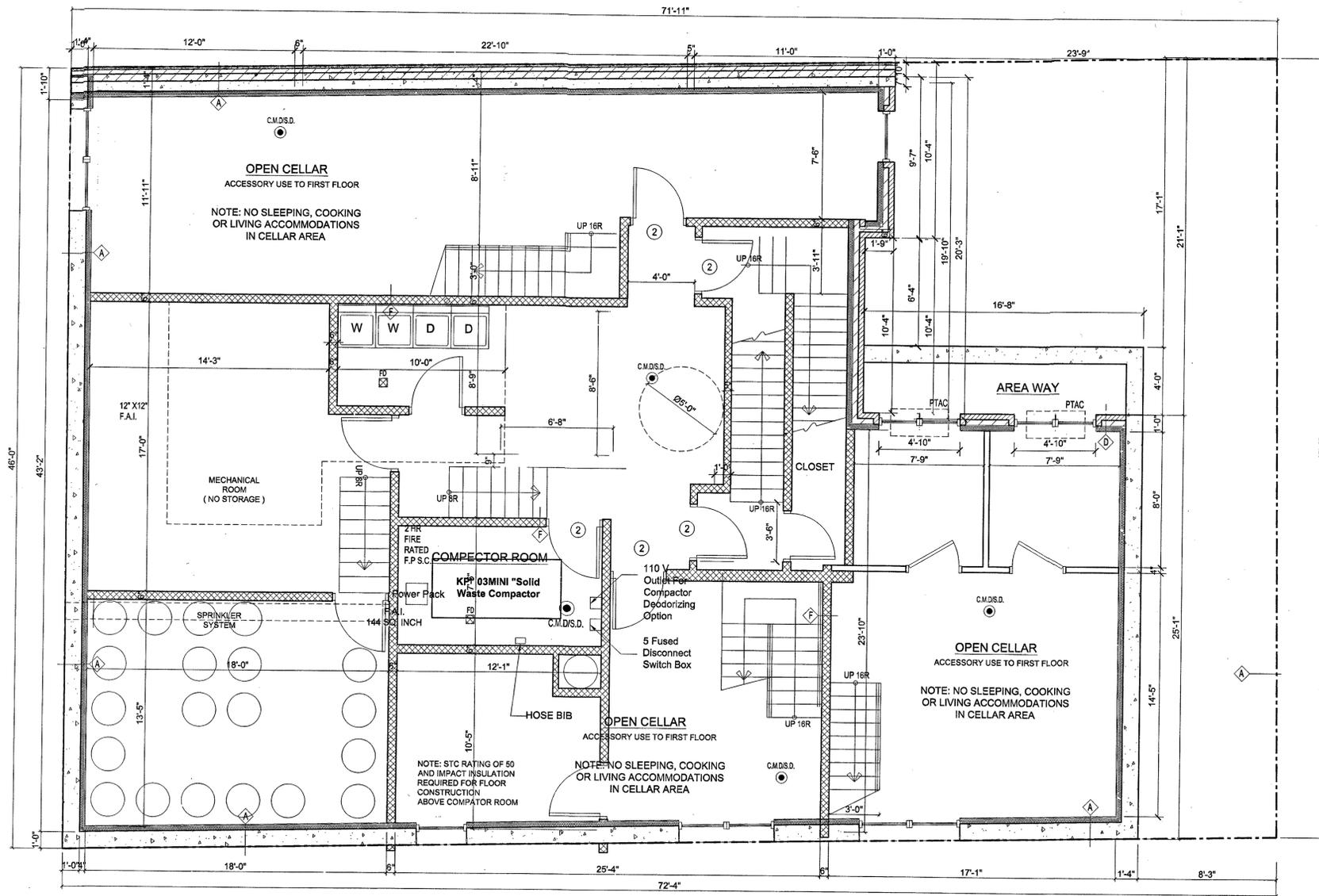
c The SCOs for industrial use and the protection of groundwater were capped at a maximum value of 1000 ppm. See TSD section 9.3.

d The SCOs for metals were capped at a maximum value of 10,000 ppm. See TSD section 9.3.

e For constituents where the calculated SCO was lower than the contract required quantitation limit (CRQL), the CRQL is used as the SCO value.

**APPENDIX A**

***Final Architectural Plans***



**PROPOSED CELLAR PLAN**

SCALE 1/14" = 1'-0"

**AS BUILT PLAN**

**YAAKOV STERN, P.E.**  
 835 EASTERN PARKWAY, BROOKLYN, NY 11213 / TEL: 347 / 446-0013  
 YAAKOVSTERNPE@GMAIL.COM / LICENSE: 056415

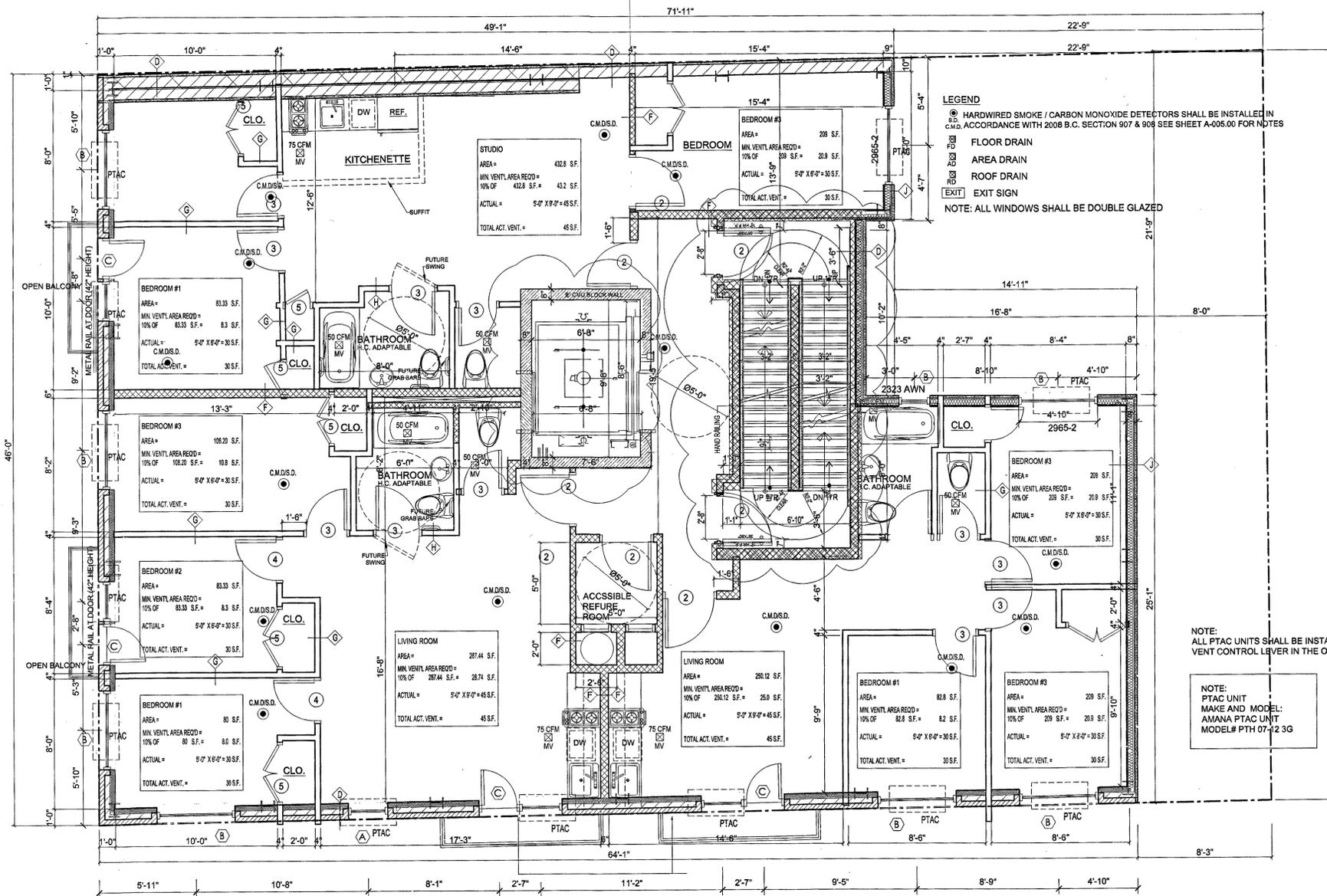
**588  
 MYRTLE AVE  
 BROOKLYN N.Y.**



CELLAR FLOOR PLAN

A-001.00



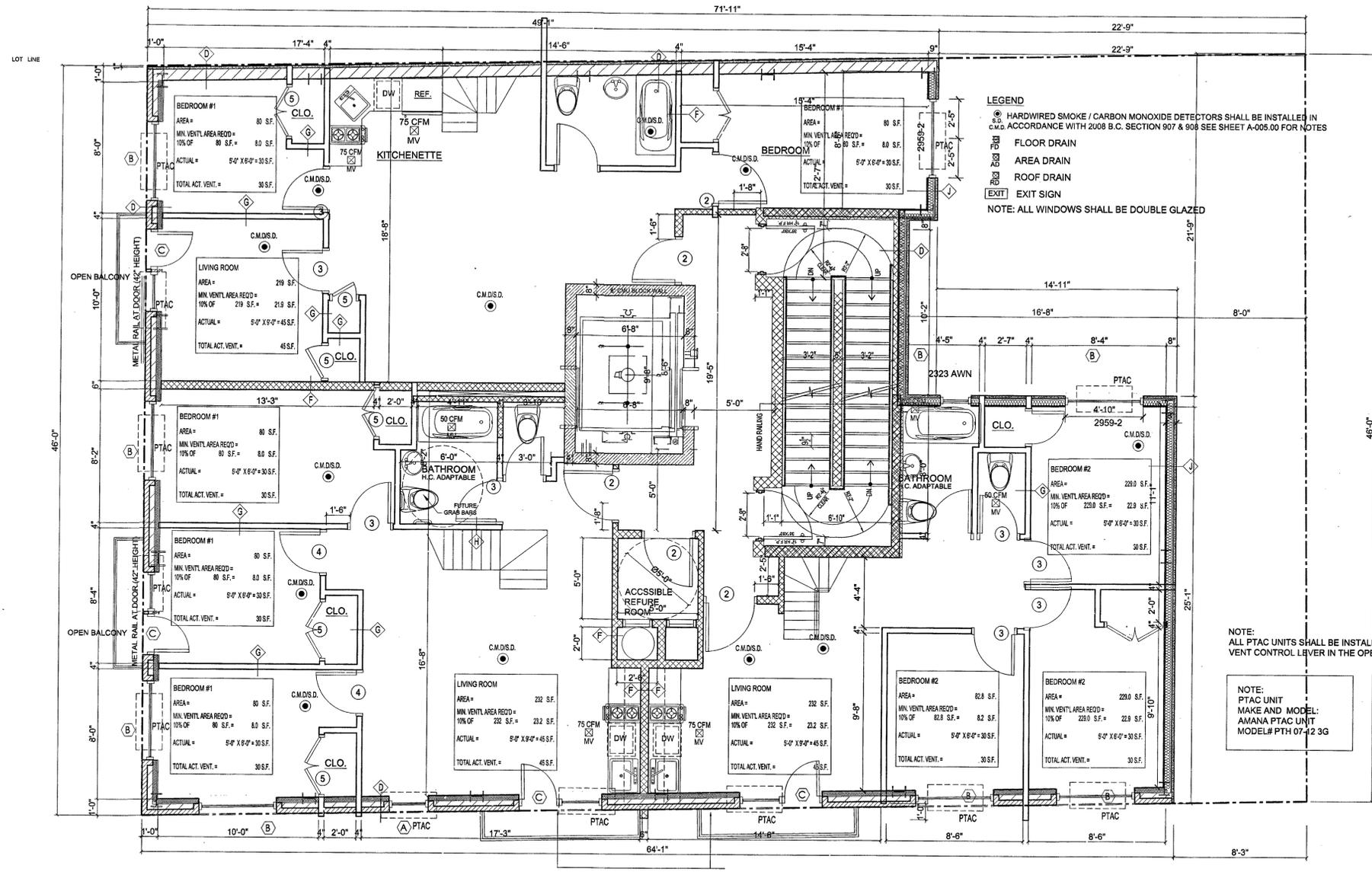


**PROPOSED 2ND FLOOR PLAN**

SCALE : 1/14" = 1'-0"

**AS BUILT PLAN**





**PROPOSED 3RD & 4TH FLOOR PLAN**

SCALE :1/14" = 1'-0"

**AS BUILT PLAN**

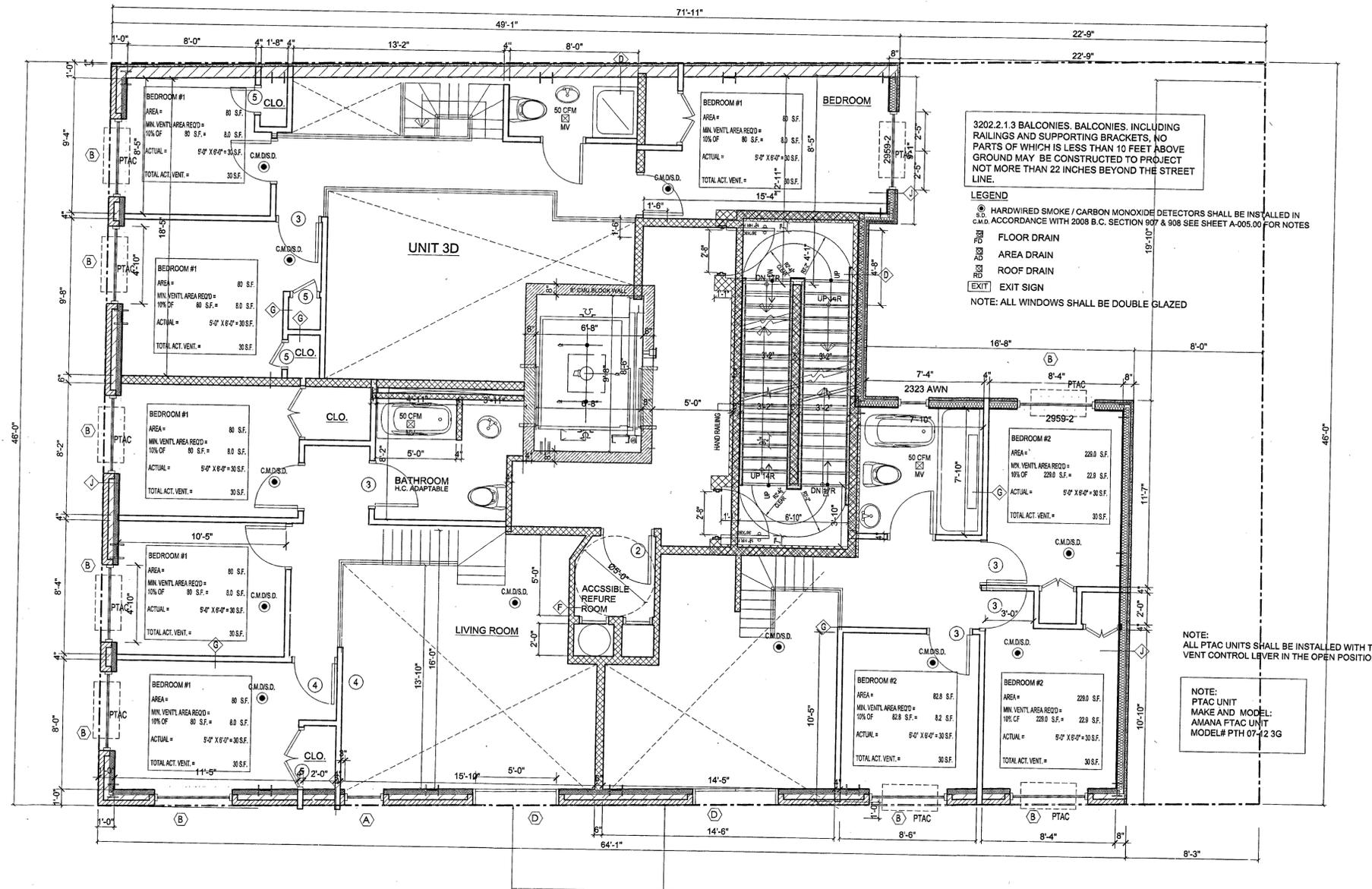
**YAAKOV STERN, P.E.**  
 835 EASTERN PARKWAY BROOKLYN, NY 11233 / TEL. 347 / 446-0013  
 YAAKOVSTERNPE@GMAIL.COM / LICENSE: 056445

**588 MYRTLE AVE**  
**BROOKLYN N.Y.**



3RD AND 4TH FLOOR PLAN

A-004.00



3202.2.1.3 BALCONIES, BALCONIES, INCLUDING RAILINGS AND SUPPORTING BRACKETS, NO PARTS OF WHICH IS LESS THAN 10 FEET ABOVE GROUND MAY BE CONSTRUCTED TO PROJECT NOT MORE THAN 22 INCHES BEYOND THE STREET LINE.

- LEGEND**
- Ⓢ HARDWIRED SMOKE / CARBON MONOXIDE DETECTORS SHALL BE INSTALLED IN C.M.D. ACCORDANCE WITH 2008 B.C. SECTION 907 & 908 SEE SHEET A-005.00 FOR NOTES
  - FD FLOOR DRAIN
  - AD AREA DRAIN
  - RD ROOF DRAIN
  - EXIT EXIT SIGN
- NOTE: ALL WINDOWS SHALL BE DOUBLE GLAZED

NOTE: ALL PTAC UNITS SHALL BE INSTALLED WITH THE VENT CONTROL LEVER IN THE OPEN POSITION

NOTE: PTAC UNIT MAKE AND MODEL: AMANA PTAC UNIT MODEL# PTH 07-12 3G

**PROPOSED 3RD AND 4TH MEZZANINE PLAN**

SCALE : 1/14" = 1'-0"

**AS BUILT PLAN**

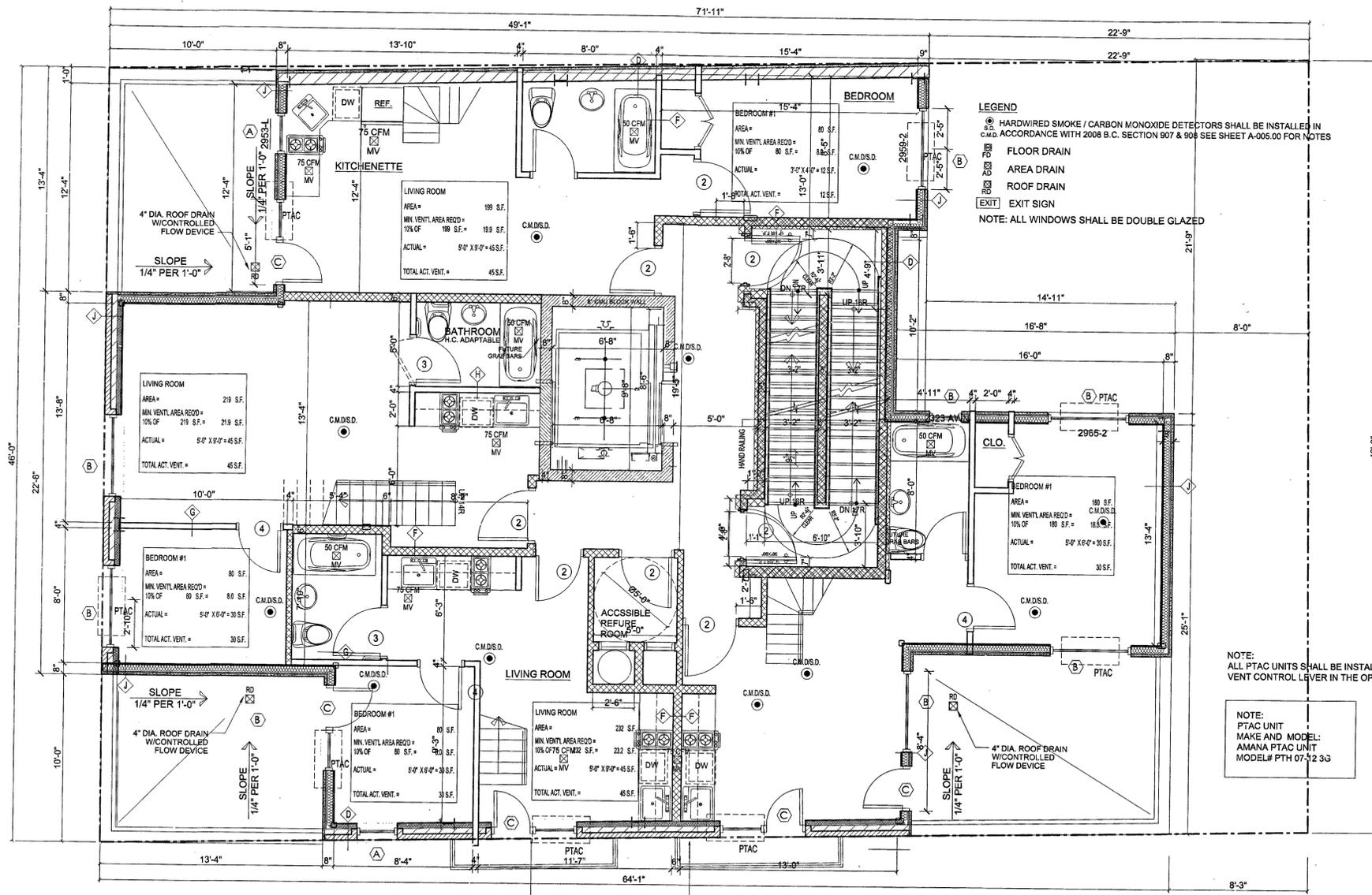
**YAAKOV STERN, P.E.**  
 835 EASTERN PARKWAY, BROOKLYN, NY 11237 / TEL: 347 / 446-0013  
 YAAKOVSTERNPE@GMAIL.COM / LICENSE: 056415

588  
 MYRTLE AVE  
 BROOKLYN N.Y.



3RD AND 4TH  
 MEZZANINE

A-005.00



**PROPOSED 5TH FLOOR PLAN**

SCALE : 1/14" = 1'-0"

**AS BUILT PLAN**

**LEGEND**  
 (Symbol) HARDWIRED SMOKE / CARBON MONOXIDE DETECTORS SHALL BE INSTALLED IN C.M.D.S.D. ACCORDANCE WITH 2008 B.C. SECTION 907 & 908 SEE SHEET A-006.00 FOR NOTES  
 (Symbol) FLOOR DRAIN  
 (Symbol) AREA DRAIN  
 (Symbol) ROOF DRAIN  
 (Symbol) EXIT SIGN  
 NOTE: ALL WINDOWS SHALL BE DOUBLE GLAZED

NOTE: ALL PTAC UNITS SHALL BE INSTALLED WITH THE VENT CONTROL LEVER IN THE OPEN POSITION

NOTE: PTAC UNIT MAKE AND MODEL: AMANA PTAC UNIT MODEL# PTH 07-12 3G

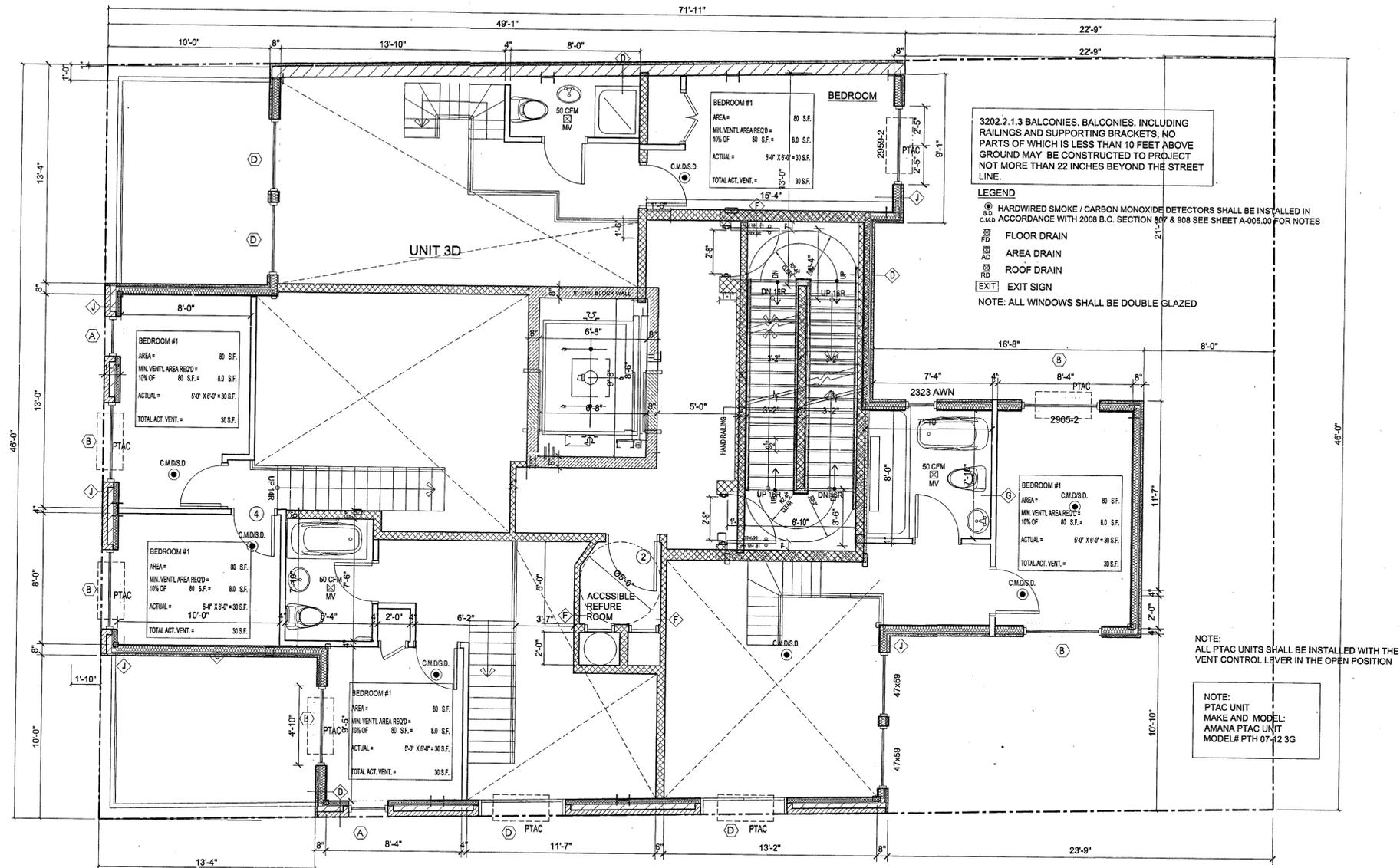
**DORMER CALCULATION (ZR23-621)  
MYRTLE AVE.**

STREET WALL WIDTH UNDER MAX BASE HEIGHT : 46'-0"  
 MAX DORMER WIDTH AT MAX BASE HEIGHT = 60% X 46'-0"  
 = 27.6'  
 DORMER WALL HT ABOVE MAX BASE HT = 9.5'  
 1% OF 9.5' = 1 1/8 INCH  
 9.5' X 1 1/8 = .89'  
 THEREFORE MAX DORMER WIDTH = 27.6' - .89' = 26.71'  
 PROPOSED DORMER WIDTH = 22'-8" < 26.71'

**DORMER CALCULATION (ZR23-621)  
CLASSON AVE.**

STREET WALL WIDTH UNDER MAX BASEHEIGHT : 64'-1"  
 MAX DORMER WIDTH AT MAX BASE HEIGHT = 60% X 64'-1"  
 = 38.45'  
 DORMER WALL HT ABOVE MAX BASE HT = 9.5'  
 1% OF 9.5' = 1 1/8 INCH  
 9.5' X 1 1/8 = .89'  
 THEREFORE MAX DORMER WIDTH = 38.45 - .89' = 37.56'  
 PROPOSED DORMER WIDTH = 35'-3" < 37.56'





3202.2.1.3 BALCONIES, BALCONIES, INCLUDING RAILINGS AND SUPPORTING BRACKETS, NO PARTS OF WHICH IS LESS THAN 10 FEET ABOVE GROUND MAY BE CONSTRUCTED TO PROJECT NOT MORE THAN 22 INCHES BEYOND THE STREET LINE.

**LEGEND**  
 (S) HARDWIRED SMOKE / CARBON MONOXIDE DETECTORS SHALL BE INSTALLED IN ACCORDANCE WITH 2008 B.C. SECTION 907 & 908 SEE SHEET A-005.00 FOR NOTES  
 (FD) FLOOR DRAIN  
 (AD) AREA DRAIN  
 (RD) ROOF DRAIN  
 (EXIT) EXIT SIGN  
 NOTE: ALL WINDOWS SHALL BE DOUBLE GLAZED

NOTE: ALL PTAC UNITS SHALL BE INSTALLED WITH THE VENT CONTROL LEVER IN THE OPEN POSITION  
 NOTE: PTAC UNIT MAKE AND MODEL: AMANA PTAC UNIT MODEL# PTH 07-12-3G

**PROPOSED 5TH MEZZANINE PLAN**  
 SCALE :1/14" = 1'-0"

**AS BUILT PLAN**

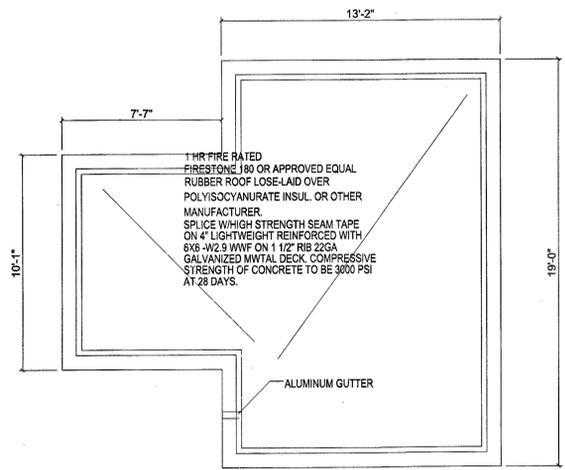
**YAAKOV STERN, P.E.**  
 835 EASTERN PARKWAY, BROOKLYN, NY 11213 / TEL: 347.446-0013  
 YAAKOVSTERNPE@GMAIL.COM / LICENSE: 056415

588  
 MYRTLE AVE  
 BROOKLYN N.Y.

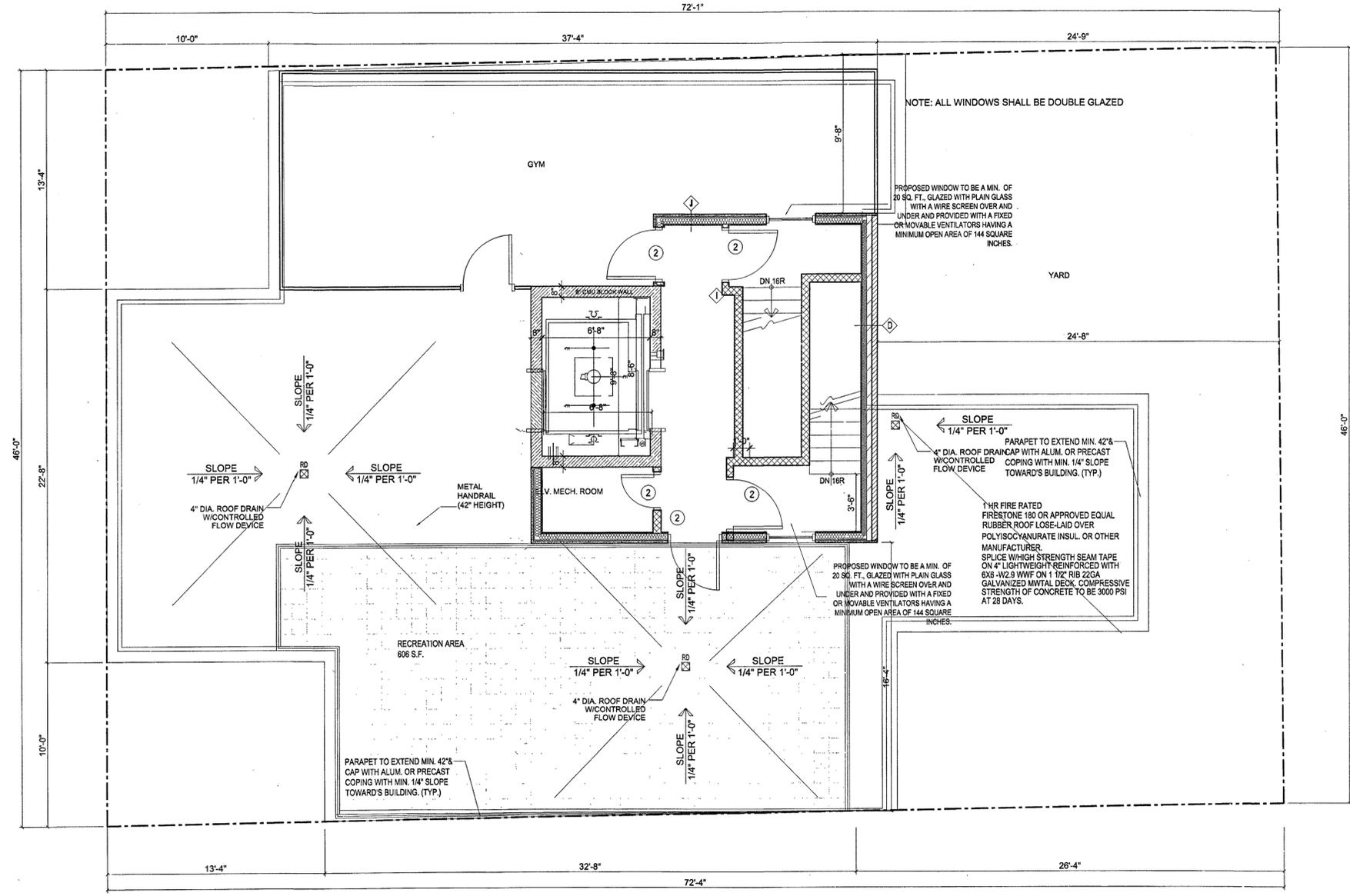


5TH MEZZANINE

A-007.00



**BULKHEAD ROOF**  
 SCALE: 1/4" = 1'-0"



**PROPOSED ROOF PLAN**

SCALE: 1/14" = 1'-0"

**AS BUILT PLAN**



**APPENDIX B**  
***Project Photographs***



Photo 1 - View of Site before remediation/excavation.



Photo 2 - View of mechanical separator. Soil discharged on right, bricks on the left.



Photo 4 - View of fill with bricks being removed.



Photo 5 - View of Site after removal of fill layer was completed.



Photo 6 - View of Site as native soil layer below fill layer is being removed.



Photo 7 - View of foundation wall with vapor barrier being installed.



Photo 8 - View of foundation walls with VBP20 Plus installed behind foundation walls.



Photo 9 - View of VBP 20 Plus Vapor Barrier installed within cellar.



Photo 10 - Additional view of VBP 20 Plus Vapor Barrier installed within cellar



Photo 11 - Additional view of VBP 20 Plus Vapor Barrier installed within cellar



Photo 12 - Additional view of VBP 20 Plus Vapor Barrier installed within cellar



Photo 13 - View of the front of the new building.

**APPENDIX C**

***Community Air Monitoring Results***















**APPENDIX D**  
***Daily Status Reports***

# DAILY STATUS REPORT

WEATHER	Snow	<input type="checkbox"/>	Rain	<input type="checkbox"/>	Overcast	<input type="checkbox"/>	Partly Cloudy	<input type="checkbox"/>	Bright Sun	<input checked="" type="checkbox"/>
TEMP.	TO 32	<input type="checkbox"/>	32-50	<input type="checkbox"/>	50-70	<input type="checkbox"/>	70-85	<input type="checkbox"/>	>85	<input checked="" type="checkbox"/>

Prepared By:

BCP Project No:	13CVCP108K	E-Number:		Date:	06/26/2013
Project Name:	586-588 Myrtle Avenue, Brooklyn, New York				

Consultant: Environmental Business Consultants (EBC)	Safety Officer: EBC - Dominick Mosca
Contractor: Carpio	

### Work Activities Performed (Since Last Report):

- 1) Excavated soil from east property line for underpinning.
- 2) Installed underpinning beneath adjacent property to the east.
- 3) Kickoff tailgate meeting.

Working In Grid #: Entire site

### Samples Collected (Since Last Report):

None.

### Air Monitoring (Since Last Report):

All air monitoring results within limits. No corrective actions required.

### Problems Encountered:

No problems encountered.

### Planned Activities for Tomorrow:

- 1) Continue underpinning adjacent building to the east. Pouring concrete.

Example:

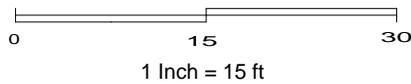
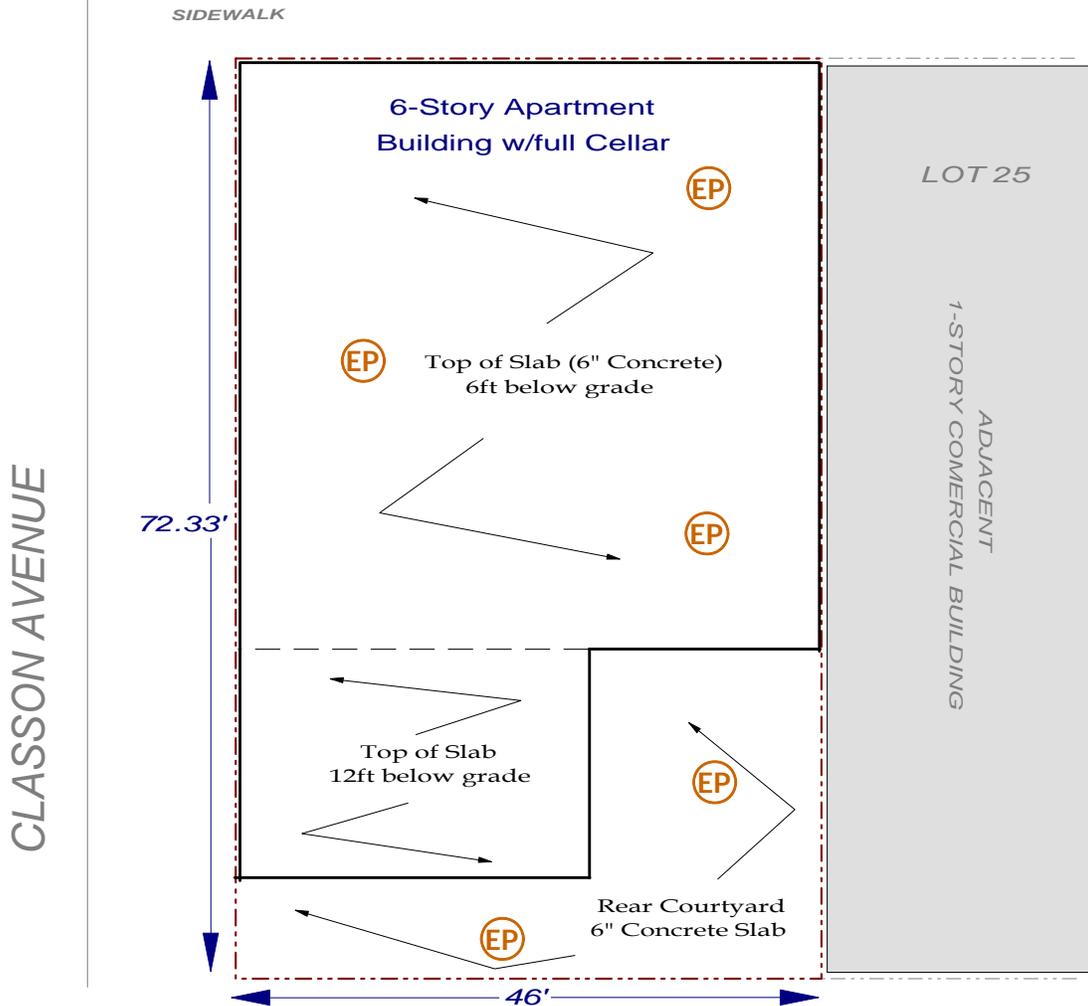
Facility # Name/ location type of waste	Solid		Solid		Solid		Liquid		Solid <i>Or</i> Liquid	
	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. <i>Or</i> Gallons
Today (trucks, cu.yds.)										
Totals (trucks, cu.yds.)										

Site Grid Map

See Attached Figure.



# MYRTLE AVENUE



### KEY

 Site Boundary



**ENVIRONMENTAL BUSINESS CONSULTANTS**

1808 Middle Country Road, Ridge, NY 11961

Phone 631.504.6000  
Fax 631.924.2780

586-588 MYRTLE AVENUE, BROOKLYN, NY

## **FIGURE 5** **EXCAVATION AND CAPPING PLAN**



Photo 1 - Stabilized truck entrance.



Photo 2 – Excavating for underpinning.



Photo 3 – Underpinning.

# DAILY STATUS REPORT

WEATHER	Snow	<input type="checkbox"/>	Rain	<input type="checkbox"/>	Overcast	<input type="checkbox"/>	Partly Cloudy	<input type="checkbox"/>	Bright Sun	<input checked="" type="checkbox"/>
TEMP.	TO 32	<input type="checkbox"/>	32-50	<input type="checkbox"/>	50-70	<input type="checkbox"/>	70-85	<input type="checkbox"/>	>85	<input checked="" type="checkbox"/>

Prepared By:

BCP Project No:	13CVCP108K	E-Number:		Date:	06/28/2013
Project Name:	586-588 Myrtle Avenue, Brooklyn, New York				

Consultant: Environmental Business Consultants (EBC)	Safety Officer: EBC - Sunny Chen
Contractor: Carpio	

### Work Activities Performed (Since Last Report):

- 1) Excavated soil from east property line for underpinning.
- 2) Installed underpinning beneath adjacent property to the east.
- 3) Poured concrete for underpinning installation.

Working In Grid #: Entire site

### Samples Collected (Since Last Report):

None.

### Air Monitoring (Since Last Report):

All air monitoring results within limits. No corrective actions required.

### Problems Encountered:

No problems encountered.

### Planned Activities for Tomorrow:

- 1) Continue underpinning adjacent building to the east. Pouring concrete.

Example:

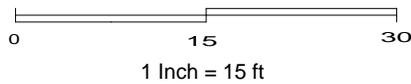
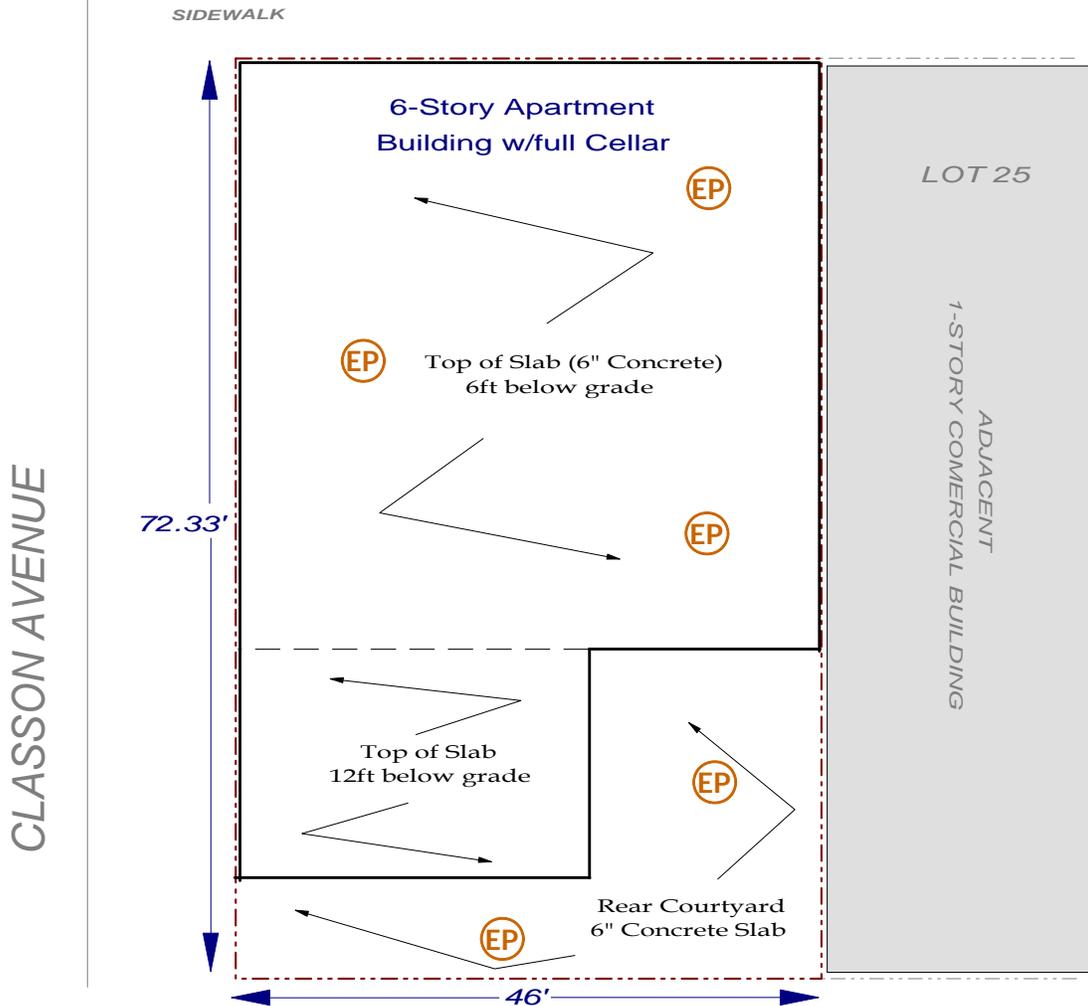
Facility # Name/ location type of waste	Solid		Solid		Solid		Liquid		Solid <i>Or</i> Liquid	
	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. <i>Or</i> Gallons
Today (trucks, cu.yds.)										
Totals (trucks, cu.yds.)										

Site Grid Map

See Attached Figure.



MYRTLE AVENUE



KEY

 Site Boundary



ENVIRONMENTAL BUSINESS CONSULTANTS

1808 Middle Country Road, Ridge, NY 11961

Phone 631.504.6000  
Fax 631.924.2780

586-588 MYRTLE AVENUE, BROOKLYN, NY

**FIGURE 5**  
EXCAVATION AND CAPPING PLAN



Photo 1 – View of the underpinning



Photo 2 – Pouring concrete for underpinning



Photo 3 – Employer cleans up the sidewalk after concrete is offsite

# DAILY STATUS REPORT

WEATHER	Snow	<input type="checkbox"/>	Rain	<input checked="" type="checkbox"/>	Overcast	<input type="checkbox"/>	Partly Cloudy	<input type="checkbox"/>	Bright Sun	<input type="checkbox"/>
TEMP.	TO 32	<input type="checkbox"/>	32-50	<input type="checkbox"/>	50-70	<input type="checkbox"/>	70-85	<input checked="" type="checkbox"/>	>85	<input type="checkbox"/>

Prepared By:

BCP Project No:	13CVCP108K	E-Number:		Date:	07/01/2013
Project Name:	586-588 Myrtle Avenue, Brooklyn, New York				

Consultant: Environmental Business Consultants (EBC)	Safety Officer: EBC - Sunny Chen
Contractor: Carpio	

**Work Activities Performed (Since Last Report):**  
1)Excavated soil from east property line for underpinning.  
2)Installed underpinning beneath adjacent property to the east.  
3)Poured concrete for underpinning installation.

Working In Grid #: Entire site

**Samples Collected (Since Last Report):**  
None.

**Air Monitoring (Since Last Report):**  
All air monitoring results within limits. No corrective actions required.

**Problems Encountered:**  
No problems encountered.

**Planned Activities for Tomorrow:**  
1) Continue underpinning adjacent building to the east. Pouring concrete.

Example:

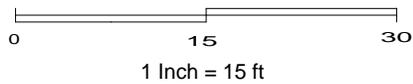
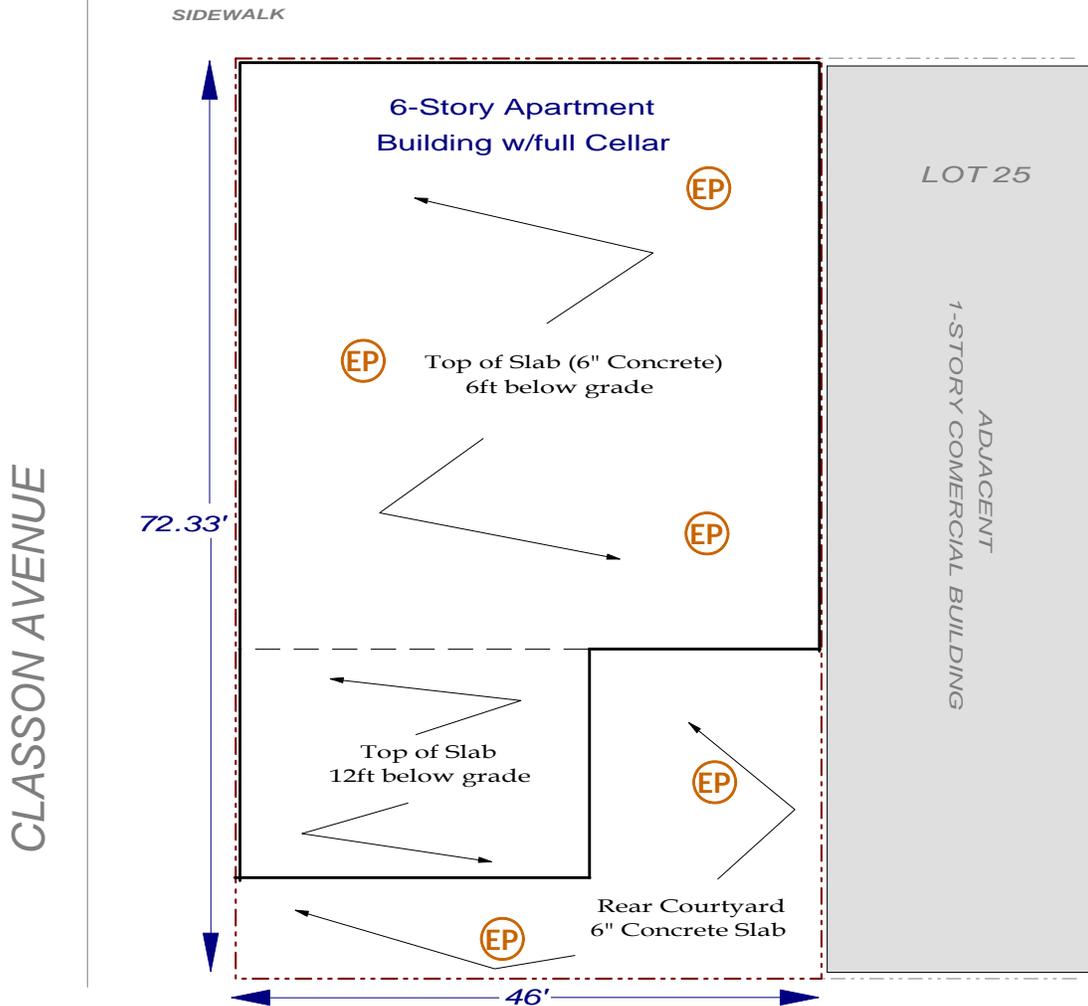
Facility # Name/ location type of waste	Solid		Solid		Solid		Liquid		Solid <i>Or</i> Liquid	
	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. <i>Or</i> Gallons
Today (trucks, cu.yds.)										
Totals (trucks, cu.yds.)										

Site Grid Map

See Attached Figure.



MYRTLE AVENUE



KEY

 Site Boundary



ENVIRONMENTAL BUSINESS CONSULTANTS

1808 Middle Country Road, Ridge, NY 11961

Phone 631.504.6000  
Fax 631.924.2780

586-588 MYRTLE AVENUE, BROOKLYN, NY

**FIGURE 5**  
EXCAVATION AND CAPPING PLAN



Photo 1 – Underpinning installation



Photo 2 – View of the site from SW corner

# DAILY STATUS REPORT

WEATHER	Snow	<input type="checkbox"/>	Rain	<input type="checkbox"/>	Overcast	<input type="checkbox"/>	Partly Cloudy	<input checked="" type="checkbox"/>	Bright Sun	<input type="checkbox"/>
TEMP.	TO 32	<input type="checkbox"/>	32-50	<input type="checkbox"/>	50-70	<input type="checkbox"/>	70-85	<input type="checkbox"/>	>85	<input checked="" type="checkbox"/>

Prepared By:

BCP Project No:	13CVCP108K	E-Number:		Date:	07/03/2013
Project Name:	586-588 Myrtle Avenue, Brooklyn, New York				

<b>Consultant:</b> Environmental Business Consultants (EBC)	<b>Safety Officer:</b> EBC - Sunny Chen
<b>Contractor:</b> Carpio	

**Work Activities Performed (Since Last Report):**  
 1) Excavated soil from east property line for underpinning.  
 2) Installed underpinning beneath adjacent property to the east.

**Working In Grid #:** Entire site

**Samples Collected (Since Last Report):**  
 None.

**Air Monitoring (Since Last Report):**  
 All air monitoring results within limits. No corrective actions required.

**Problems Encountered:**  
 No problems encountered.

**Planned Activities for Tomorrow:**  
 1) Continue underpinning adjacent building to the east. Pouring concrete.

Example:

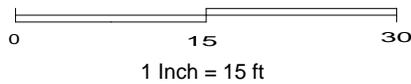
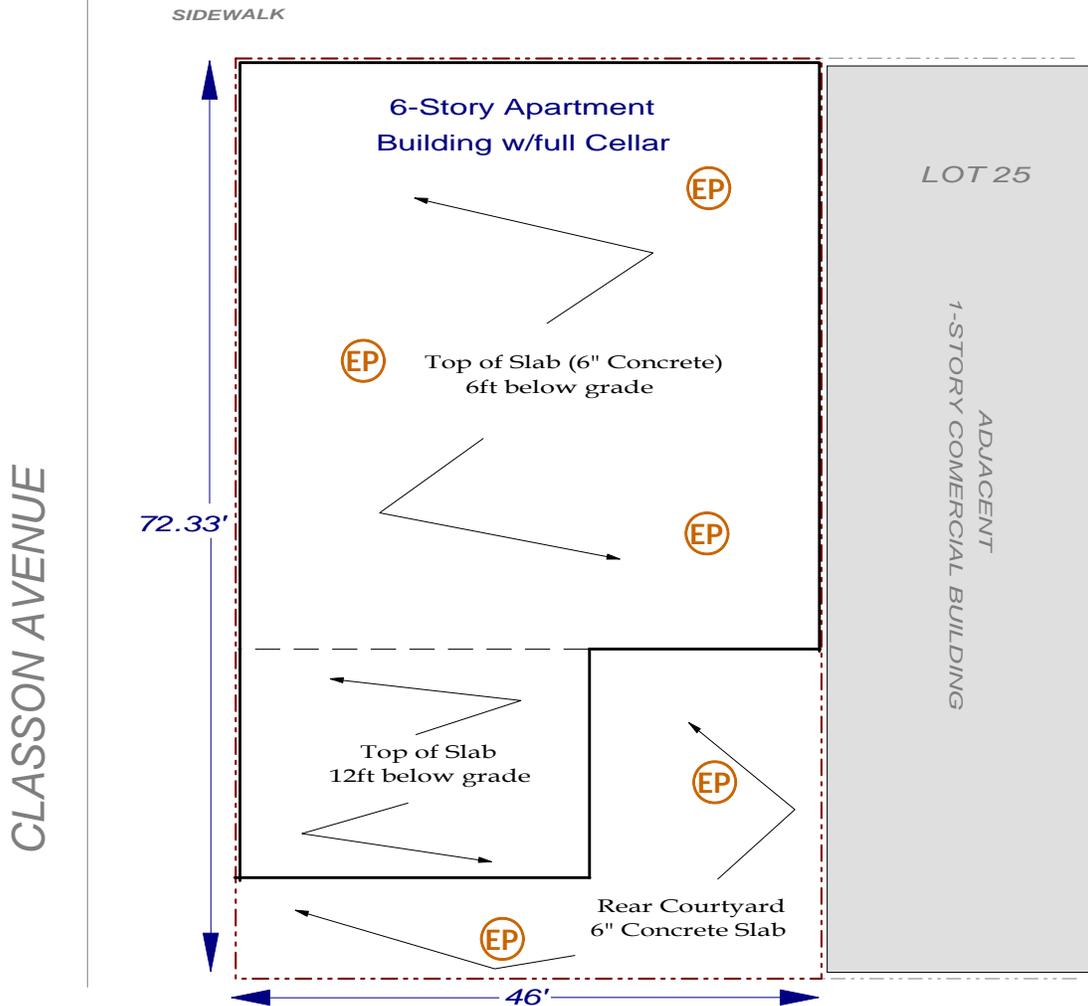
Facility # Name/ location type of waste	Solid		Solid		Solid		Liquid		Solid <i>Or</i> Liquid	
	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. <i>Or</i> Gallons
Today (trucks, cu.yds.)										
Totals (trucks, cu.yds.)										

Site Grid Map

See Attached Figure.



MYRTLE AVENUE



KEY

 Site Boundary



ENVIRONMENTAL BUSINESS CONSULTANTS

1808 Middle Country Road, Ridge, NY 11961

Phone 631.504.6000  
Fax 631.924.2780

586-588 MYRTLE AVENUE, BROOKLYN, NY

**FIGURE 5**  
EXCAVATION AND CAPPING PLAN



Photo 1 – Underpinning 1



Photo 2 – Underpinning 2



Photo 3 – Underpinning 3

# DAILY STATUS REPORT

WEATHER	Snow	<input type="checkbox"/>	Rain	<input type="checkbox"/>	Overcast	<input type="checkbox"/>	Partly Cloudy	<input type="checkbox"/>	Bright Sun	<input checked="" type="checkbox"/>
TEMP.	TO 32	<input type="checkbox"/>	32-50	<input type="checkbox"/>	50-70	<input type="checkbox"/>	70-85	<input type="checkbox"/>	>85	<input checked="" type="checkbox"/>

Prepared By:

BCP Project No:	13CVCP108K	E-Number:		Date:	07/08/2013
Project Name:	586-588 Myrtle Avenue, Brooklyn, New York				

Consultant: Environmental Business Consultants (EBC)	Safety Officer: EBC - Sunny Chen
Contractor: Carpio	

### Work Activities Performed (Since Last Report):

- 1) Excavated soil from east property line for underpinning.
- 2) Installed underpinning beneath adjacent property to the east.
- 3) Poured concrete for underpinning installation.

Working In Grid #: Entire site

### Samples Collected (Since Last Report):

None.

### Air Monitoring (Since Last Report):

All air monitoring results within limits. No corrective actions required.

### Problems Encountered:

No problems encountered.

### Planned Activities for Tomorrow:

- 1) Continue underpinning adjacent building to the east. Pouring concrete.

Example:

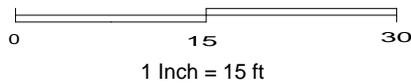
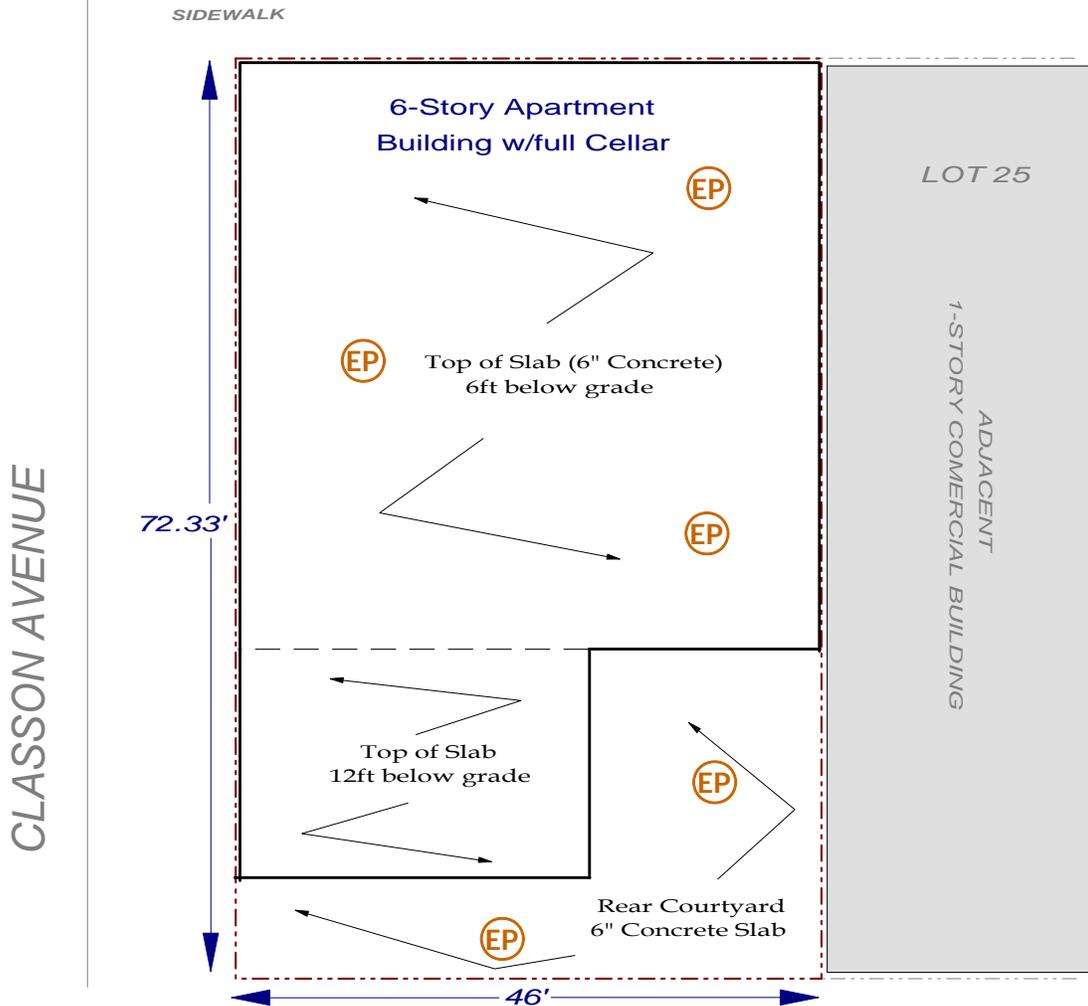
Facility # Name/ location type of waste	Solid		Solid		Solid		Liquid		Solid <i>Or</i> Liquid	
	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. <i>Or</i> Gallons
Today (trucks, cu.yds.)										
Totals (trucks, cu.yds.)										

Site Grid Map

See Attached Figure.



# MYRTLE AVENUE



### KEY

 Site Boundary



**ENVIRONMENTAL BUSINESS CONSULTANTS**

1808 Middle Country Road, Ridge, NY 11961

Phone 631.504.6000  
Fax 631.924.2780

586-588 MYRTLE AVENUE, BROOKLYN, NY

## **FIGURE 5** **EXCAVATION AND CAPPING PLAN**



Photo 1 – Underpinning 1



Photo 2 – Underpinning 2



Photo 3 – Pouring concrete to the underpinning

# DAILY STATUS REPORT

WEATHER	Snow	<input type="checkbox"/>	Rain	<input type="checkbox"/>	Overcast	<input type="checkbox"/>	Partly Cloudy	<input checked="" type="checkbox"/>	Bright Sun	<input type="checkbox"/>
TEMP.	TO 32	<input type="checkbox"/>	32-50	<input type="checkbox"/>	50-70	<input type="checkbox"/>	70-85	<input checked="" type="checkbox"/>	>85	<input type="checkbox"/>

Prepared By:

BCP Project No:	13CVCP108K	E-Number:		Date:	07/11/2013
Project Name:	586-588 Myrtle Avenue, Brooklyn, New York				

<b>Consultant:</b> Environmental Business Consultants (EBC)	<b>Safety Officer:</b> EBC - Sunny Chen
<b>Contractor:</b> Carpio	

**Work Activities Performed (Since Last Report):**

- 1) Removal and load out of 3 loads of soil to Cumberland landfill.
- 2) Removal and load out Construction and Demolition (C&D) Debris.
- 3) Stone, brick, and concrete screened out from the soil and stockpiled on southeast corner of the site.

**Working In Grid #:** Entire site

**Samples Collected (Since Last Report):**  
None.

**Air Monitoring (Since Last Report):**  
All air monitoring results within limits. No corrective actions required.

**Problems Encountered:**  
No problems encountered.

**Planned Activities for Tomorrow:**

- 1) Continue to excavate the top 4 feet elevation
- 2) Continue to screen out soil from Construction and Demolition (C&D) Debris and stockpile on-site.
- 3) Continue to transport materials off-site to approval facilities.

Example:

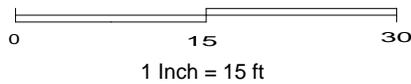
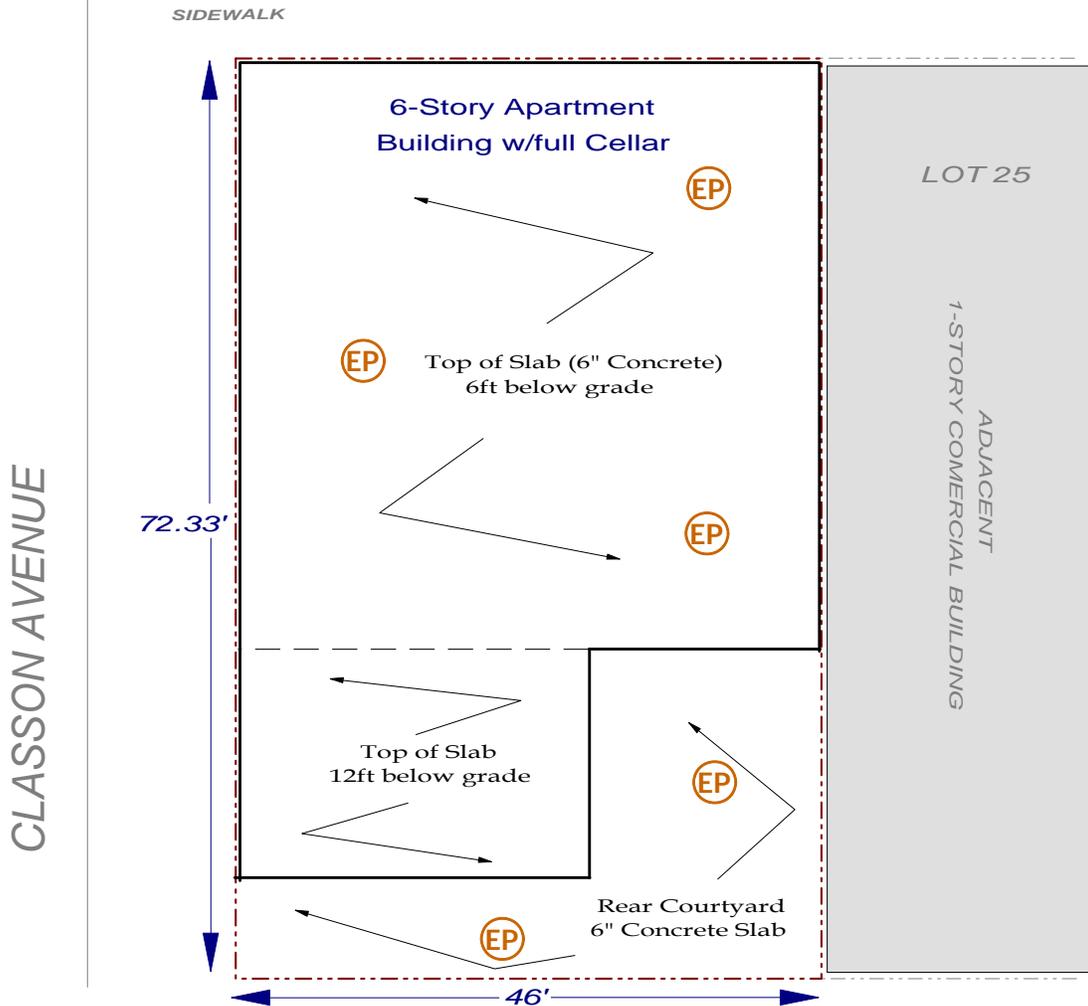
Facility # Name/ location type of waste	Cumberland Landfill									
	NONHAZARDOUS									
	Solid		Solid		Solid		Liquid		Solid Or Liquid	
	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. Or Gallons
Today (trucks, cu.yds.)	3	75								
Totals (trucks, cu.yds.)	3	75								

Site Grid Map

See Attached Figure.



# MYRTLE AVENUE



### KEY

 Site Boundary



**ENVIRONMENTAL BUSINESS CONSULTANTS**

1808 Middle Country Road, Ridge, NY 11961

Phone 631.504.6000  
Fax 631.924.2780

586-588 MYRTLE AVENUE, BROOKLYN, NY

## **FIGURE 5** **EXCAVATION AND CAPPING PLAN**



Photo 1 – Load soil into truck for transport to Cumberland landfill in the background; Screen out D&C materials from soil in the foreground



Photo 2 – Screen out D&C materials with sorting machine



Photo 3 – The view of the NW corner of the site after excavation



Photo 4 – Employee cleans up the sidewalk

# DAILY STATUS REPORT

WEATHER	Snow	<input type="checkbox"/>	Rain	<input checked="" type="checkbox"/>	Overcast	<input type="checkbox"/>	Partly Cloudy	<input type="checkbox"/>	Bright Sun	<input type="checkbox"/>
TEMP.	TO 32	<input type="checkbox"/>	32-50	<input type="checkbox"/>	50-70	<input type="checkbox"/>	70-85	<input checked="" type="checkbox"/>	>85	<input type="checkbox"/>

Prepared By: Dominick Mosca

BCP Project No:	13CVCP108K	E-Number:		Date:	07/12/2013
Project Name:	586-588 Myrtle Avenue, Brooklyn, New York				

<b>Consultant:</b> Environmental Business Consultants (EBC)	<b>Safety Officer:</b> EBC - Dominick Mosca
<b>Contractor:</b> Carpio	

**Work Activities Performed (Since Last Report):**

- 1) Removal and load out of 4 loads of soil to Cumberland landfill.
- 2) Stone, brick, and concrete screened out from the soil and stockpiled on southeast corner of the site.

Working In Grid #: Entire site

**Samples Collected (Since Last Report):**

None.

**Air Monitoring (Since Last Report):**

All air monitoring results within limits. No corrective actions required.

**Problems Encountered:**

No problems encountered.

**Planned Activities for Tomorrow:**

- 1) Continue to excavate the top 4 feet elevation
- 2) Continue to screen out soil from Construction and Demolition (C&D) Debris and stockpile on-site.
- 3) Continue to transport materials off-site to approval facilities.

Example:

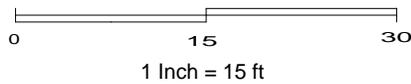
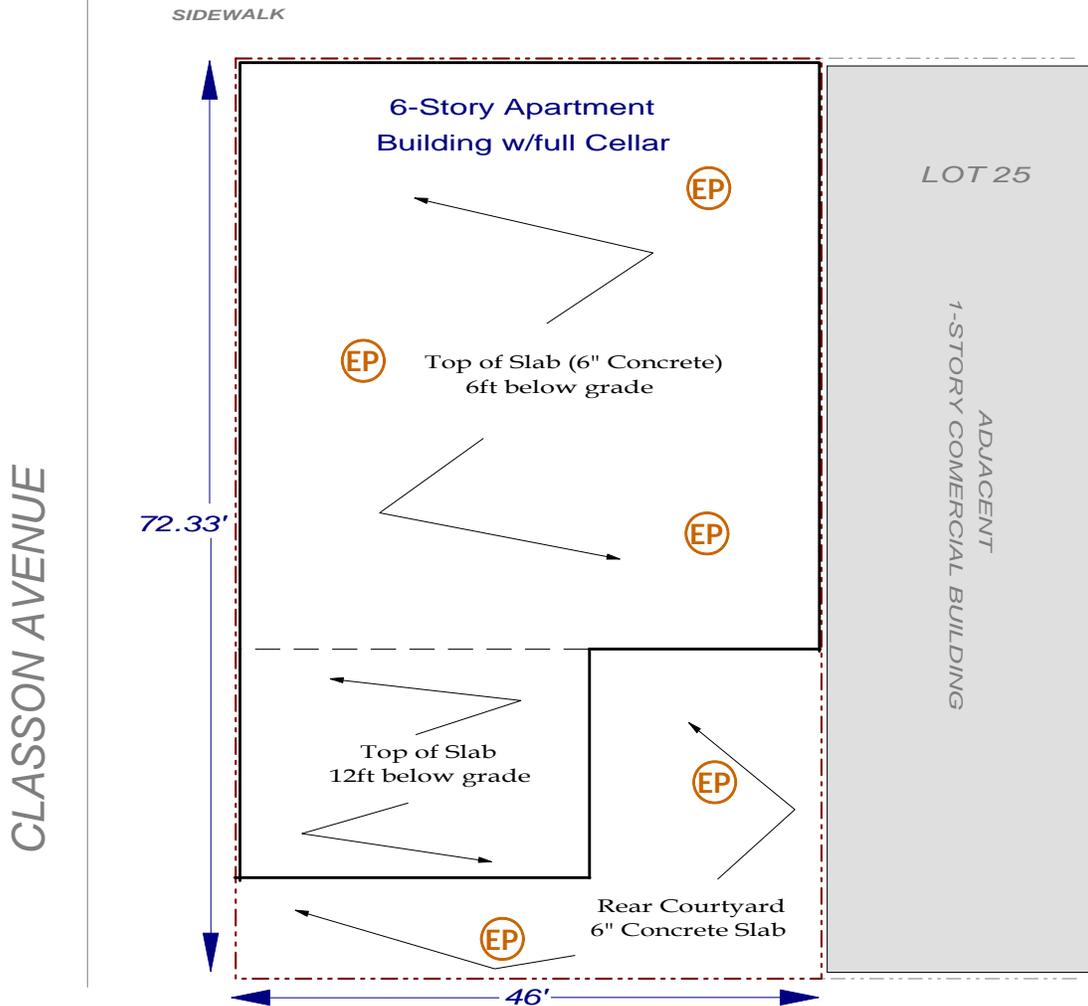
Facility # Name/ location type of waste	Cumberland Landfill									
	NONHAZARDOUS									
	Solid		Solid		Solid		Liquid		Solid <i>Or</i> Liquid	
	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. <i>Or</i> Gallons
Today (trucks, cu.yds.)	4	100								
Totals (trucks, cu.yds.)	7	175								

Site Grid Map

See Attached Figure.



MYRTLE AVENUE



KEY

 Site Boundary



ENVIRONMENTAL BUSINESS CONSULTANTS

1808 Middle Country Road, Ridge, NY 11961

Phone 631.504.6000  
Fax 631.924.2780

586-588 MYRTLE AVENUE, BROOKLYN, NY

**FIGURE 5**  
EXCAVATION AND CAPPING PLAN



Photo 1 – Loading trucks.



Photo 2 – Sorted soil and brick.



Photo 3 – Excavated area along Myrtle Avenue.

# DAILY STATUS REPORT

WEATHER	Snow	<input type="checkbox"/>	Rain	<input checked="" type="checkbox"/>	Overcast	<input type="checkbox"/>	Partly Cloudy	<input type="checkbox"/>	Bright Sun	<input type="checkbox"/>
TEMP.	TO 32	<input type="checkbox"/>	32-50	<input type="checkbox"/>	50-70	<input type="checkbox"/>	70-85	<input checked="" type="checkbox"/>	>85	<input type="checkbox"/>

Prepared By: Dominick Mosca

BCP Project No:	13CVCP108K	E-Number:		Date:	07/12/2013
Project Name:	586-588 Myrtle Avenue, Brooklyn, New York				

<b>Consultant:</b> Environmental Business Consultants (EBC)	<b>Safety Officer:</b> EBC - Dominick Mosca
<b>Contractor:</b> Carpio	

**Work Activities Performed (Since Last Report):**

- 1) Removal and load out of 4 loads of soil to Cumberland landfill.
- 2) Stone, brick, and concrete screened out from the soil and stockpiled on southeast corner of the site.

Working In Grid #: Entire site

**Samples Collected (Since Last Report):**

None.

**Air Monitoring (Since Last Report):**

All air monitoring results within limits. No corrective actions required.

**Problems Encountered:**

No problems encountered.

**Planned Activities for Tomorrow:**

- 1) Continue to excavate the top 4 feet elevation
- 2) Continue to screen out soil from Construction and Demolition (C&D) Debris and stockpile on-site.
- 3) Continue to transport materials off-site to approval facilities.

Example:

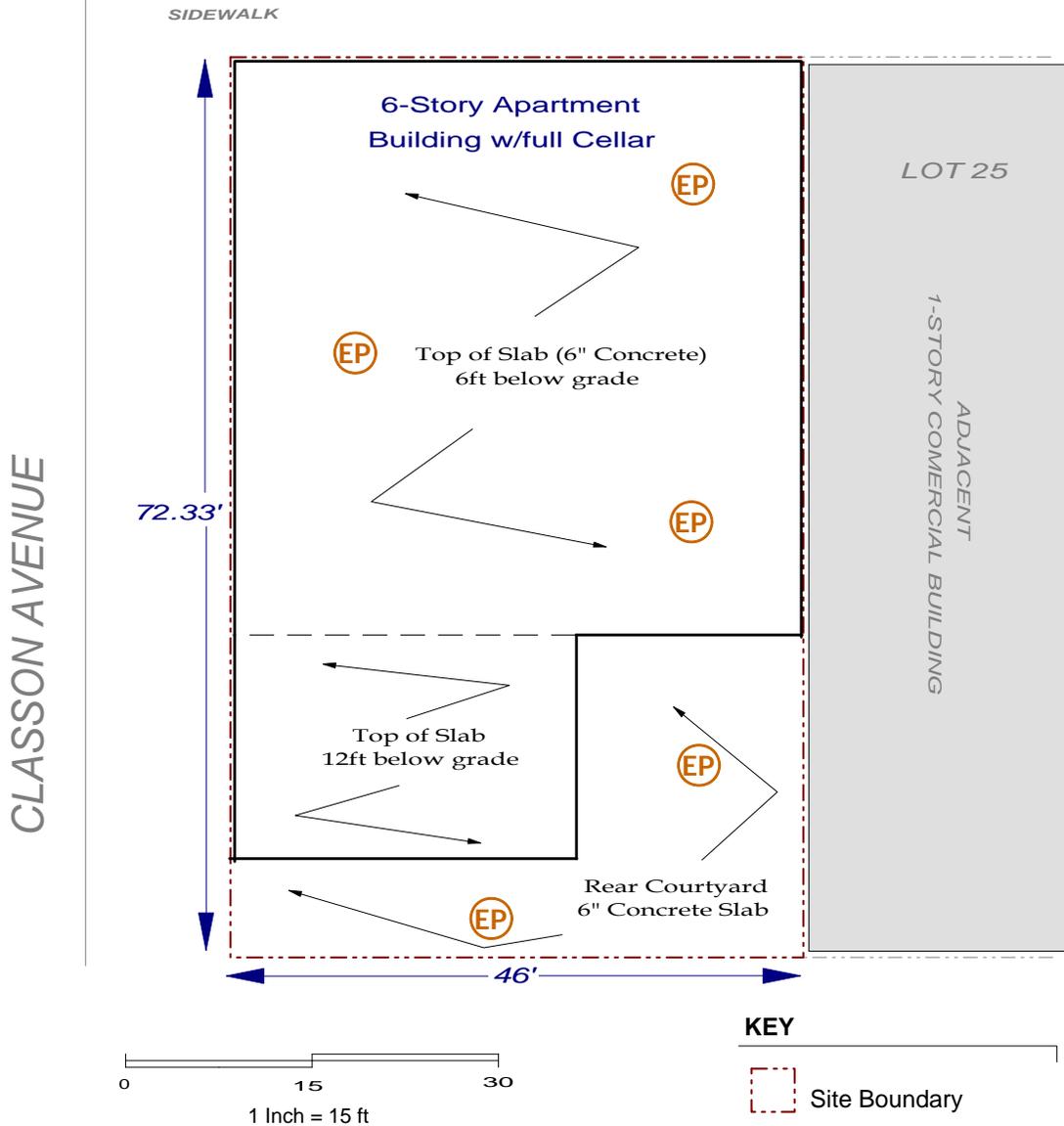
Facility # Name/ location type of waste	Cumberland Landfill									
	NONHAZARDOUS									
	Solid		Solid		Solid		Liquid		Solid Or Liquid	
	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. Or Gallons
Today (trucks, cu.yds.)	4	100								
Totals (trucks, cu.yds.)	11	264								

Site Grid Map

See Attached Figure.



MYRTLE AVENUE



ENVIRONMENTAL BUSINESS CONSULTANTS

1808 Middle Country Road, Ridge, NY 11961

Phone 631.504.6000  
Fax 631.924.2780

586-588 MYRTLE AVENUE, BROOKLYN, NY

**FIGURE 5**  
**EXCAVATION AND CAPPING PLAN**



Photo 1 – C&D brick after sorting.



Photo 2 – Soil excavated and sorted.

# DAILY STATUS REPORT

WEATHER	Snow	<input type="checkbox"/>	Rain	<input type="checkbox"/>	Overcast	<input type="checkbox"/>	Partly Cloudy	<input type="checkbox"/>	Bright Sun	<input checked="" type="checkbox"/>
TEMP.	TO 32	<input type="checkbox"/>	32-50	<input type="checkbox"/>	50-70	<input type="checkbox"/>	70-85	<input type="checkbox"/>	>85	<input checked="" type="checkbox"/>

Prepared By: Kevin Waters

BCP Project No:	13CVCP108K	E-Number:		Date:	7-17-13
Project Name:	588 Myrtle Ave, Brooklyn, NY				

Consultant: Environmental Business Consultants	Safety Officer:  Kevin Waters
Contractor: Carpio	

Work Activities Performed (Since Last Report):  
 Loaded 10 wheel dump trucks for transport to Cumberland Landfill, Millville, NJ.  
 Sorted out C&D material from soil via sifting machine.

Working In Grid #:

Samples Collected (Since Last Report):  
 None

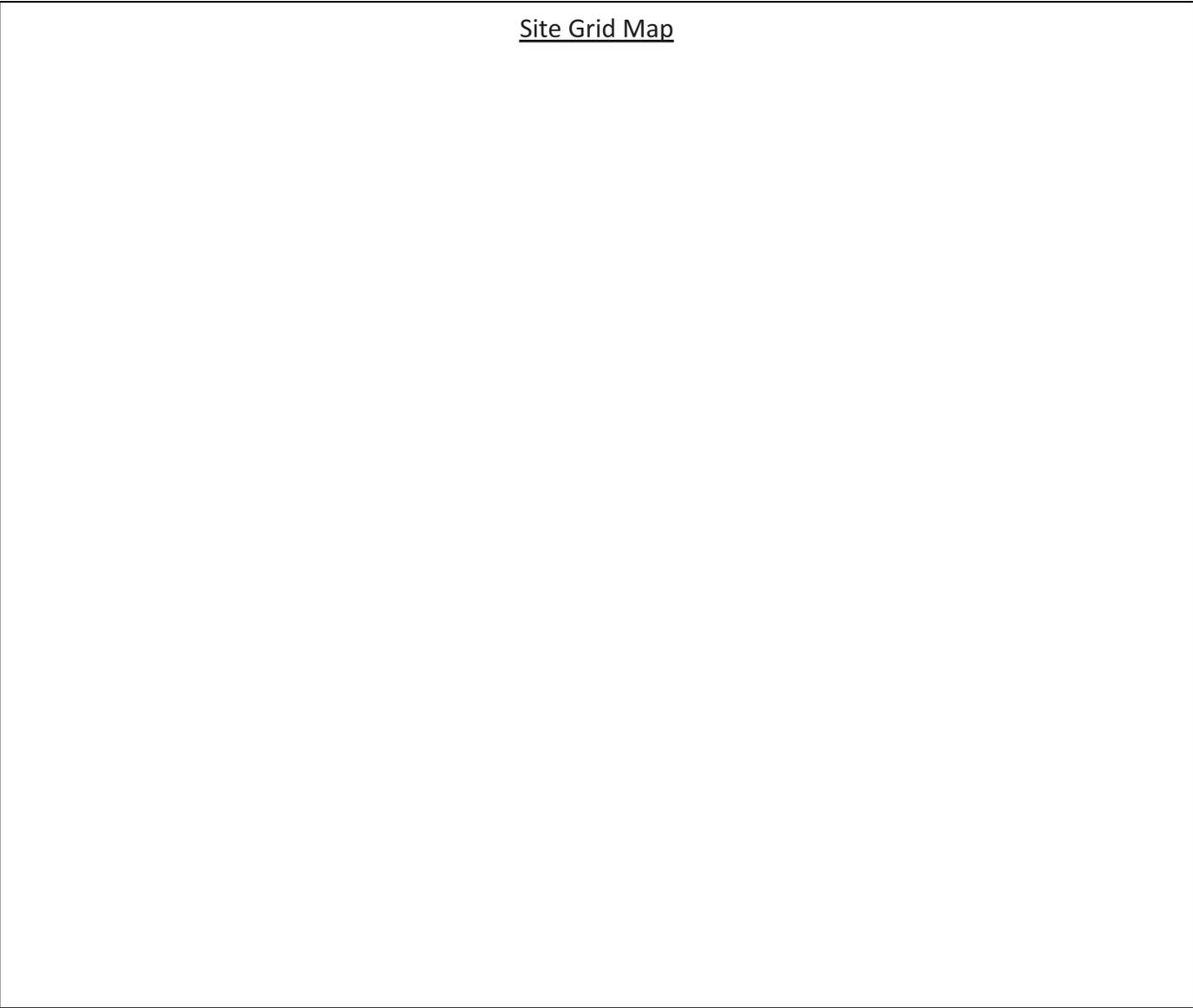
Air Monitoring (Since Last Report):  
 All air monitoring results within limits. No corrective actions required.

Problems Encountered:  
 None

Planned Activities for Next Week:

Example:

Facility # Name/ location type of waste	Cumberland Landfill Millville, NJ		Solid		Solid		Liquid		<span style="color: red;">##### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid <u>Or</u> Liquid</span>	
	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. <u>Or</u> Gallons
Today (trucks, cu.yds.)	5	120							5	120
Totals (trucks, cu.yds.)	16	384							25	600



**Photo Log**

Photo 1 –

Photo 2 –

Photo 3 –

# DAILY STATUS REPORT

WEATHER	Snow	<input type="checkbox"/>	Rain	<input type="checkbox"/>	Overcast	<input type="checkbox"/>	Partly Cloudy	<input type="checkbox"/>	Bright Sun	<input checked="" type="checkbox"/>
TEMP.	TO 32	<input type="checkbox"/>	32-50	<input type="checkbox"/>	50-70	<input type="checkbox"/>	70-85	<input checked="" type="checkbox"/>	>85	<input type="checkbox"/>

Prepared By: Kevin Waters

BCP Project No:	13CVCP108K	E-Number:		Date:	8-15-13
Project Name:	588 Myrtle Ave, Brooklyn, NY				

Consultant: Environmental Business Consultants	Safety Officer:  Kevin Waters
Contractor: Carpio	

Work Activities Performed (Since Last Report):  
 Loaded 10 wheel dump trucks for transport to Malanka Landfill, Secaucus, NJ.

Working In Grid #:

Samples Collected (Since Last Report):  
 None

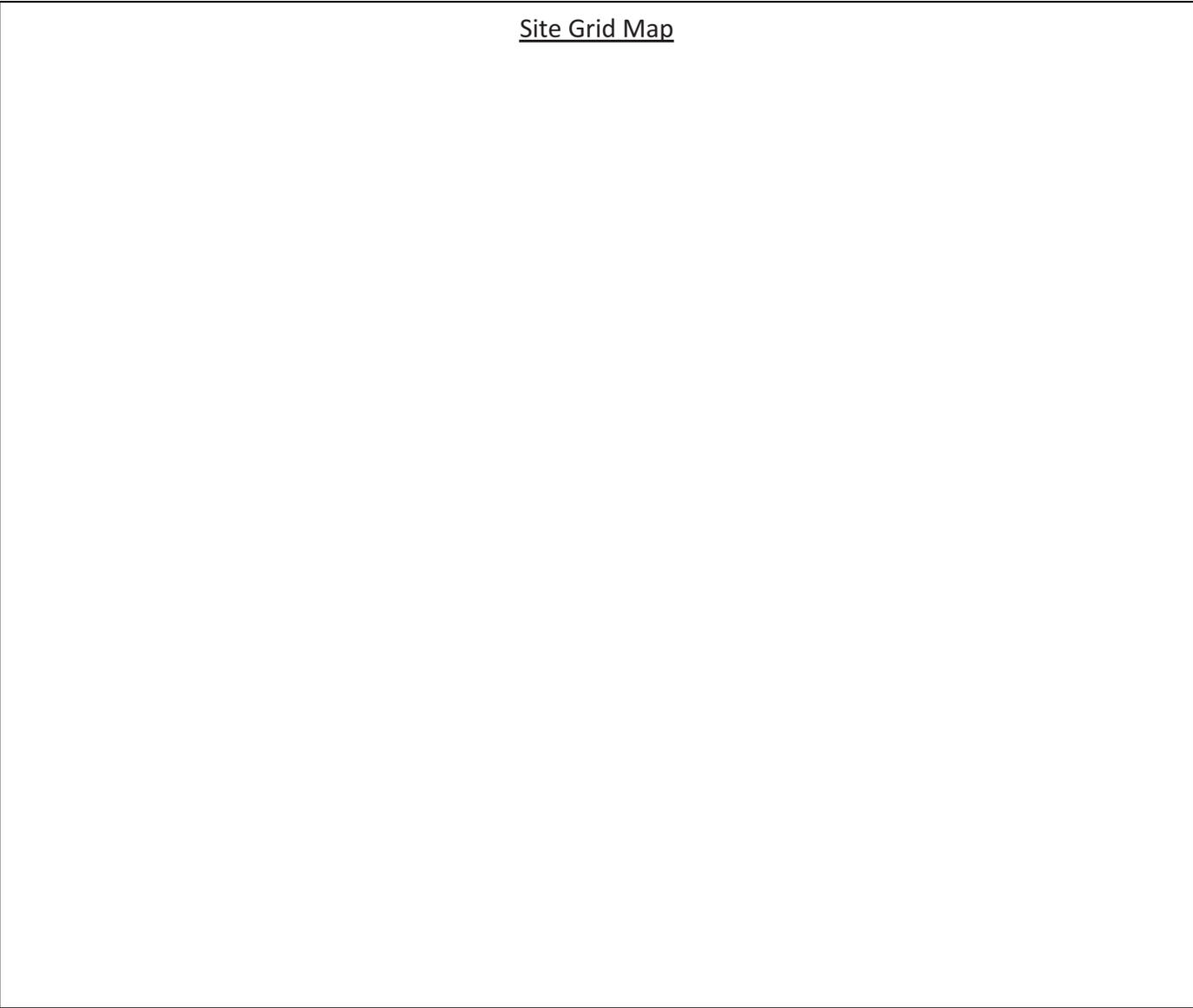
Air Monitoring (Since Last Report):  
 All air monitoring results within limits. No corrective actions required.

Problems Encountered:  
 None

Planned Activities for Next Week:

Example:

Facility # Name/ location type of waste	Cumberland Landfill Millville, NJ		Malanka Landfill Secaucus, NJ		Solid		Liquid		##### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid <u>Or</u> Liquid	
	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. <u>Or</u> Gallons
Today (trucks, cu.yds.)			7	168					5	120
Totals (trucks, cu.yds.)	16	384	7	168					25	600



## Photo Log

Photo 1 –  
View of the site looking north towards  
Myrtle Ave.



Photo 2 –  
View of truck being loaded.



Photo 3 –

# DAILY STATUS REPORT

Prepared By: **Sara Babyatsky**

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	<b>X</b>
TEMP.	< 32		32-50	<b>X</b>	50-70		70-85		>85	

VCP Project No.:	<b>13CVCP108K</b>	E-Number:		Date:	<b>Oct 28, 2013</b>
Project Name:	<b>586-588 Myrtle Avenue, Brooklyn, NY 11205</b>				

Consultant: <b>Environmental Business Consultants</b>	Safety Officer: <b>Sara Babyatsky</b>
General Contractor: <b>Carpio</b>	Site Manager/ Supervisor:

Work Activities Performed Today by General Contractor:

- 1) **Excavation and load out of soil from southeast corner into two (2) 10-wheel dump trucks for transport to Malanka facility, Secaucus, NJ.**
- 2)
- 3)
- 4)

Working In Grid #:

Samples Collected Today:  
**No samples collected today.**

Community Air Monitoring Results:  
**All air monitoring results within limits. No corrective actions required.**

Problems Encountered:  
**No problems encountered.**

Planned Activities for the Next Day/ Week:

- 1) **Continue excavation and load out of soil off site to approved facility.**
- 2)
- 3)

Facility # Name/ Location Type of Waste Solid <u>Or</u> Liquid	Cumberland Landfill		Malanka Secaucus, NJ							
	Trucks	yd <sup>3</sup>	Trucks	yd <sup>3</sup>	Trucks	yd <sup>3</sup>	Trucks	yd <sup>3</sup>	Trucks	yd <sup>3</sup>
Today			2	50						
Total	3	75	2	50						

NYC Clean Soil Bank		Receiving Facility:			
Tracking No.:					
Today	Trucks	yd <sup>3</sup>	Total	Trucks	yd <sup>3</sup>



**Photo Log**

**Photo 1 – View of site facing northeast.**



# DAILY STATUS REPORT

Prepared By: **Sunny Chen**

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	<b>X</b>
TEMP.	< 32		32-50	<b>X</b>	50-70		70-85		>85	

VCP Project No.:	<b>13CVCP108K</b>	E-Number:		Date:	<b>Nov 13, 2013</b>
Project Name:	<b>586-588 Myrtle Avenue, Brooklyn, NY 11205</b>				

Consultant: <b>Environmental Business Consultants</b>	Safety Officer: <b>Sunny Chen</b>
General Contractor: <b>Carpio</b>	Site Manager/ Supervisor:

Work Activities Performed Today by General Contractor:

- 1) Vapor barrier installation on foundation walls.**
- 2)
- 3)
- 4)

Working In Grid #:

Samples Collected Today:  
**No samples collected today.**

Community Air Monitoring Results:  
**All air monitoring results within limits. No corrective actions required.**

Problems Encountered:  
**No problems encountered.**

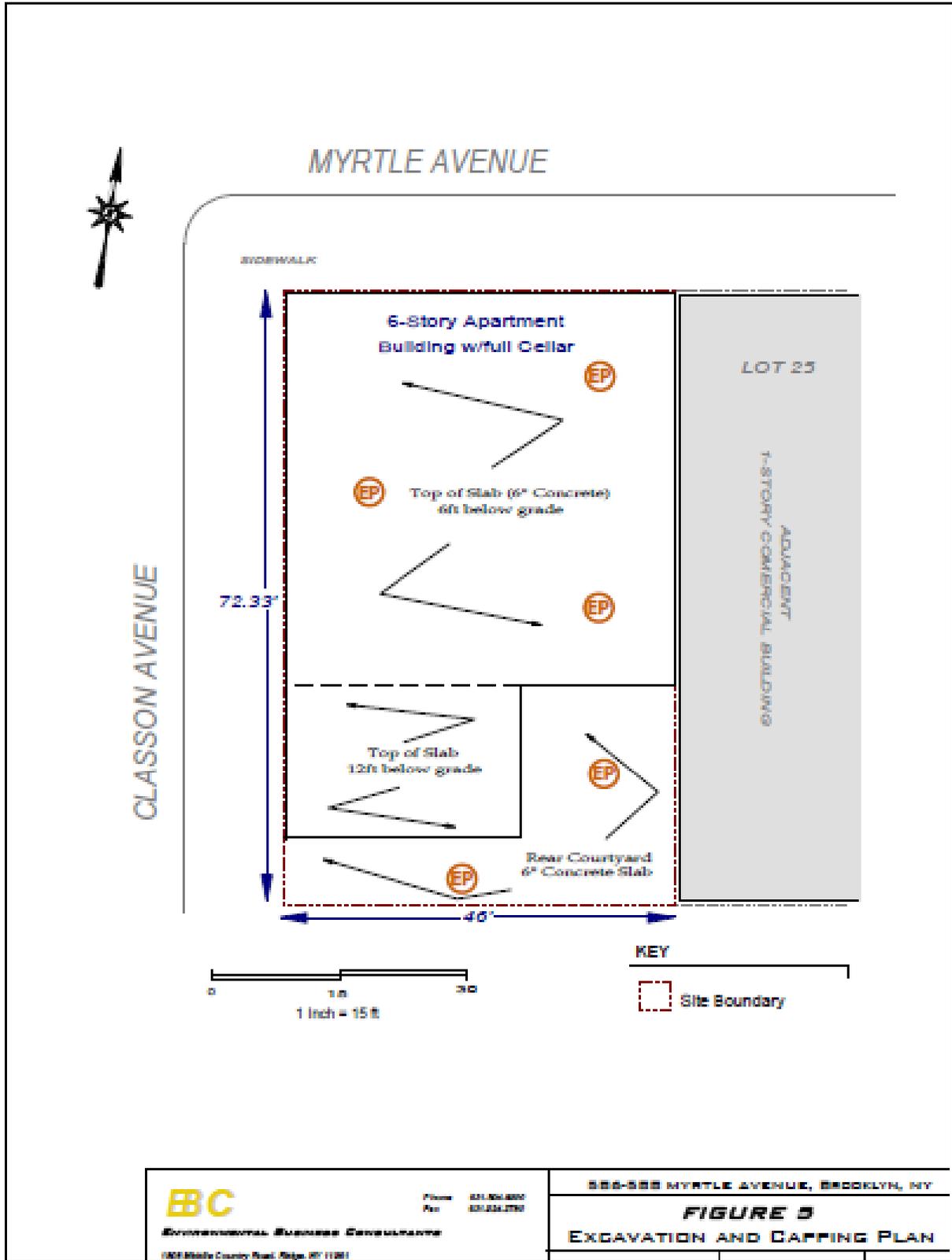
Planned Activities for the Next Day/ Week:

- 1) Continue excavation and load out of soil off site to approved facility.**
- 2)
- 3)

Facility # Name/ Location Type of Waste Solid <u>Or</u> Liquid	Cumberland Landfill		Malanka Secaucus, NJ							
	Trucks	yd <sup>3</sup>	Trucks	yd <sup>3</sup>	Trucks	yd <sup>3</sup>	Trucks	yd <sup>3</sup>	Trucks	yd <sup>3</sup>
Today										
Total	3	75	2	50						

NYC Clean Soil Bank		Receiving Facility:			
Tracking No.:					
Today	Trucks	yd <sup>3</sup>	Total	Trucks	yd <sup>3</sup>

# Site Grip Map



**Photo Log**

**Photo 1 – View  
of vapor  
barriers  
installed on  
foundation wall**



**Photo 2 – View  
of vapor  
barriers on  
foundation wall**



Photo 3 – View  
of site facing  
north



# DAILY STATUS REPORT

Prepared By: **Sunny Chen**

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	<b>X</b>
TEMP.	< 32		32-50	<b>X</b>	50-70		70-85		>85	

VCP Project No.:	<b>13CVCP108K</b>	E-Number:		Date:	<b>Nov 15, 2013</b>
Project Name:	<b>586-588 Myrtle Avenue, Brooklyn, NY 11205</b>				

Consultant: <b>Environmental Business Consultants</b>	Safety Officer: <b>Sunny Chen</b>
General Contractor: <b>Carpio</b>	Site Manager/ Supervisor:

Work Activities Performed Today by General Contractor:

- 1) **Back fill with clean soil outside property boundaries in the north half of the site.**
- 2)
- 3)
- 4)

Working In Grid #:

Samples Collected Today:  
**No samples collected today.**

Community Air Monitoring Results:  
**All air monitoring results within limits. No corrective actions required.**

Problems Encountered:  
**No problems encountered.**

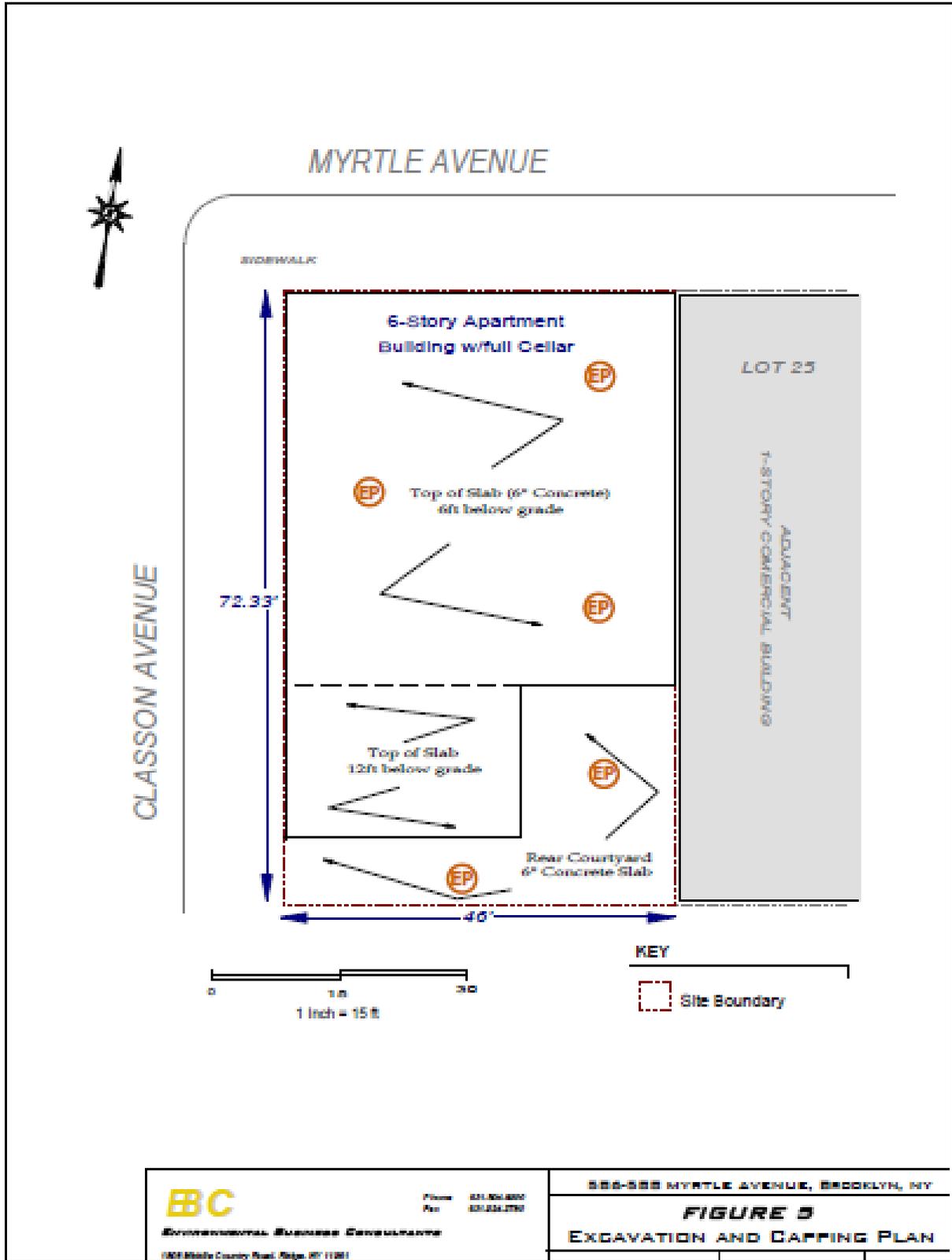
Planned Activities for the Next Day/ Week:

- 1) **Excavation for elevator pit installation.**
- 2)
- 3)

Facility # Name/ Location Type of Waste Solid <u>Or</u> Liquid	Cumberland Landfill		Malanka Secaucus, NJ							
	Trucks	yd <sup>3</sup>	Trucks	yd <sup>3</sup>	Trucks	yd <sup>3</sup>	Trucks	yd <sup>3</sup>	Trucks	yd <sup>3</sup>
Today										
Total	3	75	2	50						

NYC Clean Soil Bank		Receiving Facility:			
Tracking No.:					
Today	Trucks	yd <sup>3</sup>	Total	Trucks	yd <sup>3</sup>

# Site Grip Map



**EBC**  
**Environmental Business Consultants**  
 100 Middle Country Road, Ste. 1100  
 Farmingdale, NY 11735

Phone: 516.241.8300  
 Fax: 516.241.2750

**322-324 MYRTLE AVENUE, BROOKLYN, NY**

**FIGURE 3**  
**EXCAVATION AND CAPPING PLAN**

## Photo Log

**Photo 1 – View of northwest corner outside the property back filled with clean soil.**



**Photo 2 – View of Myrtle Avenue sidewalk back filled with clean soil.**



**APPENDIX E**  
***Endpoint Laboratory Reports***



Friday, May 02, 2014

Attn: Mr. Charles B. Sosik, P.G.  
Environmental Business Consultants  
1808 Middle Country Rd  
Ridge NY 11961-2406

Project ID: 588 MYRTLE AVE BROOKLYN  
Sample ID#s: BG38396

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

Phyllis Shiller  
Laboratory Director

NELAC - #NY11301  
CT Lab Registration #PH-0618  
MA Lab Registration #MA-CT-007  
ME Lab Registration #CT-007  
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003  
NY Lab Registration #11301  
PA Lab Registration #68-03530  
RI Lab Registration #63  
VT Lab Registration #VT11301



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823



## SDG Comments

May 02, 2014

SDG I.D.: GBG38396

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Please be advised that the NY unrestricted soil criteria for chromium is based on hexavalent chromium and trivalent chromium.



**Environmental Laboratories, Inc.**  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

May 02, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

## Sample Information

Matrix: SOLID  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

## Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

## Date

04/28/14  
 04/29/14

## Time

14:00  
 15:53

## Laboratory Data

SDG ID: GBG38396  
 Phoenix ID: BG38396

Project ID: 588 MYRTLE AVE BROOKLYN  
 Client ID: EP 5A

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.40	0.40	0.40	mg/Kg	05/01/14	LK	SW6010
Aluminum	10700	40	8.0	mg/Kg	04/30/14	LK	SW6010
Arsenic	2.8	0.8	0.80	mg/Kg	05/01/14	LK	SW6010
Barium	74.4	0.8	0.40	mg/Kg	05/01/14	LK	SW6010
Beryllium	0.52	0.32	0.16	mg/Kg	05/01/14	LK	SW6010
Calcium	2660	4.0	3.7	mg/Kg	05/01/14	LK	SW6010
Cadmium	< 0.40	0.40	0.16	mg/Kg	05/01/14	LK	SW6010
Cobalt	7.83	0.40	0.40	mg/Kg	05/01/14	LK	SW6010
Chromium	24.2	0.40	0.40	mg/Kg	05/01/14	LK	SW6010
Copper	26.4	4.0	4.0	mg/kg	04/30/14	LK	SW6010
Iron	21700	40	40	mg/Kg	04/30/14	LK	SW6010 B
Mercury	0.31	0.08	0.05	mg/Kg	04/30/14	RS	SW-7471
Potassium	2040	8	3.1	mg/Kg	05/01/14	LK	SW6010 B
Magnesium	2670	4.0	4.0	mg/Kg	05/01/14	LK	SW6010
Manganese	340	4.0	4.0	mg/Kg	04/30/14	LK	SW6010
Sodium	179	8	3.4	mg/Kg	05/01/14	LK	SW6010 B
Nickel	14.7	0.40	0.40	mg/Kg	05/01/14	LK	SW6010
Lead	66.2	0.8	0.40	mg/Kg	05/01/14	LK	SW6010
Antimony	< 2.0	2.0	2.0	mg/Kg	05/01/14	LK	SW6010
Selenium	< 1.6	1.6	1.4	mg/Kg	05/01/14	LK	SW6010
Thallium	< 1.6	1.6	1.6	mg/Kg	05/01/14	LK	SW6010
Vanadium	36.0	0.4	0.40	mg/Kg	05/01/14	LK	SW6010
Zinc	69.3	0.8	0.40	mg/Kg	05/01/14	LK	SW6010
Percent Solid	81			%	04/29/14	I	E160.3
Soil Extraction for SVOA	Completed				04/29/14	BJ/FV	SW3545
Mercury Digestion	Completed				04/30/14	I/I	SW7471
Total Metals Digest	Completed				04/29/14	CB/AG	SW846 - 3050

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
<b>Semivolatiles</b>							
1,2,4,5-Tetrachlorobenzene	ND	290	140	ug/Kg	04/30/14	DD	SW 8270
1,2,4-Trichlorobenzene	ND	290	120	ug/Kg	04/30/14	DD	SW 8270
1,2-Dichlorobenzene	ND	290	110	ug/Kg	04/30/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	290	130	ug/Kg	04/30/14	DD	SW 8270
1,3-Dichlorobenzene	ND	290	120	ug/Kg	04/30/14	DD	SW 8270
1,4-Dichlorobenzene	ND	290	120	ug/Kg	04/30/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	290	220	ug/Kg	04/30/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	290	130	ug/Kg	04/30/14	DD	SW 8270
2,4-Dichlorophenol	ND	290	140	ug/Kg	04/30/14	DD	SW 8270
2,4-Dimethylphenol	ND	290	100	ug/Kg	04/30/14	DD	SW 8270
2,4-Dinitrophenol	ND	2000	290	ug/Kg	04/30/14	DD	SW 8270
2,4-Dinitrotoluene	ND	290	160	ug/Kg	04/30/14	DD	SW 8270
2,6-Dinitrotoluene	ND	290	130	ug/Kg	04/30/14	DD	SW 8270
2-Chloronaphthalene	ND	290	120	ug/Kg	04/30/14	DD	SW 8270
2-Chlorophenol	ND	290	120	ug/Kg	04/30/14	DD	SW 8270
2-Methylnaphthalene	ND	290	120	ug/Kg	04/30/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	290	190	ug/Kg	04/30/14	DD	SW 8270
2-Nitroaniline	ND	2000	410	ug/Kg	04/30/14	DD	SW 8270
2-Nitrophenol	ND	290	260	ug/Kg	04/30/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	290	160	ug/Kg	04/30/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	810	190	ug/Kg	04/30/14	DD	SW 8270
3-Nitroaniline	ND	2000	890	ug/Kg	04/30/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	2000	440	ug/Kg	04/30/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	290	120	ug/Kg	04/30/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	290	140	ug/Kg	04/30/14	DD	SW 8270
4-Chloroaniline	ND	810	190	ug/Kg	04/30/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	290	140	ug/Kg	04/30/14	DD	SW 8270
4-Nitroaniline	ND	2000	140	ug/Kg	04/30/14	DD	SW 8270
4-Nitrophenol	ND	2000	180	ug/Kg	04/30/14	DD	SW 8270
Acenaphthene	ND	290	120	ug/Kg	04/30/14	DD	SW 8270
Acenaphthylene	ND	290	110	ug/Kg	04/30/14	DD	SW 8270
Acetophenone	ND	290	130	ug/Kg	04/30/14	DD	SW 8270
Aniline	ND	2000	820	ug/Kg	04/30/14	DD	SW 8270
Anthracene	ND	290	130	ug/Kg	04/30/14	DD	SW 8270
Benz(a)anthracene	ND	290	140	ug/Kg	04/30/14	DD	SW 8270
Benzidine	ND	810	240	ug/Kg	04/30/14	DD	SW 8270
Benzo(a)pyrene	ND	290	130	ug/Kg	04/30/14	DD	SW 8270
Benzo(b)fluoranthene	ND	290	140	ug/Kg	04/30/14	DD	SW 8270
Benzo(ghi)perylene	ND	290	130	ug/Kg	04/30/14	DD	SW 8270
Benzo(k)fluoranthene	ND	290	140	ug/Kg	04/30/14	DD	SW 8270
Benzoic acid	ND	2000	810	ug/Kg	04/30/14	DD	SW 8270
Benzyl butyl phthalate	ND	290	110	ug/Kg	04/30/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	290	110	ug/Kg	04/30/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	290	110	ug/Kg	04/30/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	290	110	ug/Kg	04/30/14	DD	SW 8270
Bis(2-ethylhexyl)phthalate	ND	290	120	ug/Kg	04/30/14	DD	SW 8270
Carbazole	ND	2000	310	ug/Kg	04/30/14	DD	SW 8270
Chrysene	ND	290	140	ug/Kg	04/30/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Dibenz(a,h)anthracene	ND	290	130	ug/Kg	04/30/14	DD	SW 8270
Dibenzofuran	ND	290	120	ug/Kg	04/30/14	DD	SW 8270
Diethyl phthalate	ND	290	130	ug/Kg	04/30/14	DD	SW 8270
Dimethylphthalate	ND	290	130	ug/Kg	04/30/14	DD	SW 8270
Di-n-butylphthalate	ND	290	110	ug/Kg	04/30/14	DD	SW 8270
Di-n-octylphthalate	ND	290	110	ug/Kg	04/30/14	DD	SW 8270
Fluoranthene	150	J 290	130	ug/Kg	04/30/14	DD	SW 8270
Fluorene	ND	290	130	ug/Kg	04/30/14	DD	SW 8270
Hexachlorobenzene	ND	290	120	ug/Kg	04/30/14	DD	SW 8270
Hexachlorobutadiene	ND	290	150	ug/Kg	04/30/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	290	120	ug/Kg	04/30/14	DD	SW 8270
Hexachloroethane	ND	290	120	ug/Kg	04/30/14	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	290	140	ug/Kg	04/30/14	DD	SW 8270
Isophorone	ND	290	110	ug/Kg	04/30/14	DD	SW 8270
Naphthalene	ND	290	120	ug/Kg	04/30/14	DD	SW 8270
Nitrobenzene	ND	290	140	ug/Kg	04/30/14	DD	SW 8270
N-Nitrosodimethylamine	ND	290	110	ug/Kg	04/30/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	290	130	ug/Kg	04/30/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	290	160	ug/Kg	04/30/14	DD	SW 8270
Pentachloronitrobenzene	ND	290	150	ug/Kg	04/30/14	DD	SW 8270
Pentachlorophenol	ND	290	150	ug/Kg	04/30/14	DD	SW 8270
Phenanthrene	ND	290	120	ug/Kg	04/30/14	DD	SW 8270
Phenol	ND	290	130	ug/Kg	04/30/14	DD	SW 8270
Pyrene	140	J 290	140	ug/Kg	04/30/14	DD	SW 8270
Pyridine	ND	290	100	ug/Kg	04/30/14	DD	SW 8270
<b><u>QA/QC Surrogates</u></b>							
% 2,4,6-Tribromophenol	98			%	04/30/14	DD	30 - 130 %
% 2-Fluorobiphenyl	89			%	04/30/14	DD	30 - 130 %
% 2-Fluorophenol	88			%	04/30/14	DD	30 - 130 %
% Nitrobenzene-d5	95			%	04/30/14	DD	30 - 130 %
% Phenol-d5	91			%	04/30/14	DD	30 - 130 %
% Terphenyl-d14	108			%	04/30/14	DD	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
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1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.  
 B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY unrestricted soil criteria for chromium is based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.  
 This report must not be reproduced except in full as defined by the attached chain of custody.



**Phyllis Shiller, Laboratory Director**

**May 02, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823



# QA/QC Report

May 02, 2014

## QA/QC Data

SDG I.D.: GBG38396

Parameter	Blank	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 272908, QC Sample No: BG38336 (BG38396)												
<u>ICP Metals - Soil</u>												
Aluminum	BRL	5710	7270	24.0	112	101	10.3	NC	NC	NC	75 - 125	30
Antimony	BRL	4.5	4.3 B	NC	105	99.1	5.8	90.1	88.5	1.8	75 - 125	30
Arsenic	BRL	7.8	12.1 *	43.2	93.7	92.2	1.6	85.5	85.8	0.4	75 - 125	30 r
Barium	BRL	152	132	14.1	103	97.1	5.9	101	80.3	22.8	75 - 125	30
Beryllium	BRL	0.38	0.38	NC	101	94.7	6.4	90.6	91.0	0.4	75 - 125	30
Cadmium	BRL	8.64	5.39 *	46.3	91.5	88.0	3.9	81.7	81.0	0.9	75 - 125	30 r
Calcium	BRL	8050	18400 *	78.3	96.9	92.7	4.4	NC	NC	NC	75 - 125	30 r
Chromium	BRL	14.9	20.6 *	32.1	105	95.4	9.6	91.3	94.2	3.1	75 - 125	30 r
Cobalt	BRL	6.64	8.87	28.8	100	94.7	5.4	89.4	89.6	0.2	75 - 125	30
Copper	BRL	289	611 *	71.6	102	99.1	2.9	>130	>130	NC	75 - 125	30 m,r
Iron	17.2	29700	42400 *	35.2	114	106	7.3	NC	NC	NC	75 - 125	30 r
Lead	BRL	429	1410 *	107	94.0	91.2	3.0	112	82.6	30.2	75 - 125	30 r
Magnesium	BRL	1300	1800 *	32.3	105	96.1	8.9	NC	NC	NC	75 - 125	30 r
Manganese	BRL	256	368 *	35.9	101	96.9	4.1	80.0	96.0	18.2	75 - 125	30 r
Nickel	BRL	18.8	21.6	13.9	97.7	93.5	4.4	89.1	91.5	2.7	75 - 125	30
Potassium	5.6	1150	1150	0	119	113	5.2	>130	>130	NC	75 - 125	30 m
Selenium	BRL	3.8	<1.9	NC	88.3	88.9	0.7	102	99.1	2.9	75 - 125	30
Silver	BRL	0.87	1.15	NC	90.6	92.4	2.0	89.9	94.2	4.7	75 - 125	30
Sodium	8.4	173	211	NC	119	115	3.4	>130	>130	NC	75 - 125	30 m
Thallium	BRL	<1.9	<1.9	NC	97.4	91.2	6.6	85.4	86.3	1.0	75 - 125	30
Vanadium	BRL	17.5	29.3 *	50.4	105	97.5	7.4	94.4	97.4	3.1	75 - 125	30 r
Zinc	BRL	220	367 *	50.1	92.9	88.0	5.4	114	95.0	18.2	75 - 125	30 r

QA/QC Batch 272956, QC Sample No: BG38404 (BG38396)

Mercury - Soil	BRL	<0.07	<0.07	NC	102	99.4	2.6	101	97.4	3.6	70 - 130	30
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Comment:

Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%.

m = This parameter is outside laboratory ms/msd specified recovery limits.

r = This parameter is outside laboratory rpd specified recovery limits.



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 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823



# QA/QC Report

May 02, 2014

## QA/QC Data

SDG I.D.: GBG38396

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 272909, QC Sample No: BG38404 (BG38396)									
<b>Semivolatiles - Solid</b>									
1,2,4,5-Tetrachlorobenzene	ND	106	98	7.8	105	111	5.6	30-130	30
1,2,4-Trichlorobenzene	ND	102	99	3.0	103	110	6.6	30-130	30
1,2-Dichlorobenzene	ND	98	95	3.1	98	106	7.8	30-130	30
1,2-Diphenylhydrazine	ND	108	100	7.7	108	113	4.5	30-130	30
1,3-Dichlorobenzene	ND	97	94	3.1	96	105	9.0	30-130	30
1,4-Dichlorobenzene	ND	95	93	2.1	97	104	7.0	30-130	30
2,4,5-Trichlorophenol	ND	114	104	9.2	116	127	9.1	30-130	30
2,4,6-Trichlorophenol	ND	111	101	9.4	116	126	8.3	30-130	30
2,4-Dichlorophenol	ND	112	103	8.4	112	118	5.2	30-130	30
2,4-Dimethylphenol	ND	68	64	6.1	68	69	1.5	30-130	30
2,4-Dinitrophenol	ND	<10	<10	NC	38	40	5.1	30-130	30
2,4-Dinitrotoluene	ND	111	102	8.5	112	115	2.6	30-130	30
2,6-Dinitrotoluene	ND	115	109	5.4	115	122	5.9	30-130	30
2-Chloronaphthalene	ND	109	108	0.9	113	122	7.7	30-130	30
2-Chlorophenol	ND	102	97	5.0	102	112	9.3	30-130	30
2-Methylnaphthalene	ND	108	100	7.7	106	113	6.4	30-130	30
2-Methylphenol (o-cresol)	ND	96	89	7.6	94	101	7.2	30-130	30
2-Nitroaniline	ND	136	125	8.4	139	139	0.0	30-130	30
2-Nitrophenol	ND	96	92	4.3	107	115	7.2	30-130	30
3&4-Methylphenol (m&p-cresol)	ND	101	93	8.2	98	107	8.8	30-130	30
3,3'-Dichlorobenzidine	ND	164	151	8.3	NC	NC	NC	30-130	30
3-Nitroaniline	ND	124	113	9.3	120	120	0.0	30-130	30
4,6-Dinitro-2-methylphenol	ND	49	37	27.9	100	100	0.0	30-130	30
4-Bromophenyl phenyl ether	ND	110	107	2.8	111	119	7.0	30-130	30
4-Chloro-3-methylphenol	ND	116	103	11.9	111	116	4.4	30-130	30
4-Chloroaniline	ND	91	90	1.1	89	90	1.1	30-130	30
4-Chlorophenyl phenyl ether	ND	110	101	8.5	109	114	4.5	30-130	30
4-Nitroaniline	ND	114	110	3.6	116	122	5.0	30-130	30
4-Nitrophenol	ND	117	102	13.7	122	129	5.6	30-130	30
Acenaphthene	ND	106	101	4.8	109	118	7.9	30-130	30
Acenaphthylene	ND	106	101	4.8	107	116	8.1	30-130	30
Acetophenone	ND	103	96	7.0	101	110	8.5	30-130	30
Aniline	ND	99	97	2.0	94	94	0.0	30-130	30
Anthracene	ND	111	106	4.6	113	119	5.2	30-130	30
Benz(a)anthracene	ND	109	107	1.9	113	119	5.2	30-130	30
Benzidine	ND	>200	>200	NC	132	129	2.3	30-130	30
Benzo(a)pyrene	ND	102	100	2.0	105	111	5.6	30-130	30
Benzo(b)fluoranthene	ND	118	115	2.6	117	124	5.8	30-130	30
Benzo(ghi)perylene	ND	115	107	7.2	117	118	0.9	30-130	30
Benzo(k)fluoranthene	ND	112	113	0.9	119	131	9.6	30-130	30
Benzyl butyl phthalate	ND	115	120	4.3	122	132	7.9	30-130	30

## QA/QC Data

SDG I.D.: GBG38396

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Bis(2-chloroethoxy)methane	ND	102	99	3.0	103	111	7.5	30 - 130	30
Bis(2-chloroethyl)ether	ND	92	88	4.4	92	101	9.3	30 - 130	30
Bis(2-chloroisopropyl)ether	ND	98	92	6.3	97	106	8.9	30 - 130	30
Bis(2-ethylhexyl)phthalate	ND	113	112	0.9	118	124	5.0	30 - 130	30
Carbazole	ND	131	130	0.8	136	NC	NC	30 - 130	30
Chrysene	ND	110	106	3.7	114	119	4.3	30 - 130	30
Dibenz(a,h)anthracene	ND	115	106	8.1	116	119	2.6	30 - 130	30
Dibenzofuran	ND	109	103	5.7	109	117	7.1	30 - 130	30
Diethyl phthalate	ND	112	103	8.4	112	116	3.5	30 - 130	30
Dimethylphthalate	ND	109	103	5.7	111	117	5.3	30 - 130	30
Di-n-butylphthalate	ND	115	113	1.8	119	124	4.1	30 - 130	30
Di-n-octylphthalate	ND	111	97	13.5	108	113	4.5	30 - 130	30
Fluoranthene	ND	119	127	6.5	128	138	7.5	30 - 130	30
Fluorene	ND	113	105	7.3	113	118	4.3	30 - 130	30
Hexachlorobenzene	ND	107	105	1.9	111	117	5.3	30 - 130	30
Hexachlorobutadiene	ND	101	99	2.0	104	111	6.5	30 - 130	30
Hexachlorocyclopentadiene	ND	70	65	7.4	72	76	5.4	30 - 130	30
Hexachloroethane	ND	94	90	4.3	95	103	8.1	30 - 130	30
Indeno(1,2,3-cd)pyrene	ND	115	106	8.1	115	118	2.6	30 - 130	30
Isophorone	ND	110	103	6.6	110	117	6.2	30 - 130	30
Naphthalene	ND	104	100	3.9	105	112	6.5	30 - 130	30
Nitrobenzene	ND	101	96	5.1	99	108	8.7	30 - 130	30
N-Nitrosodimethylamine	ND	95	91	4.3	93	100	7.3	30 - 130	30
N-Nitrosodi-n-propylamine	ND	98	90	8.5	97	104	7.0	30 - 130	30
N-Nitrosodiphenylamine	ND	116	104	10.9	114	117	2.6	30 - 130	30
Pentachloronitrobenzene	ND	111	110	0.9	114	120	5.1	30 - 130	30
Pentachlorophenol	ND	84	66	24.0	116	116	0.0	30 - 130	30
Phenanthrene	ND	113	109	3.6	115	121	5.1	30 - 130	30
Phenol	ND	105	98	6.9	103	113	9.3	30 - 130	30
Pyrene	ND	120	134	11.0	133	NC	NC	30 - 130	30
Pyridine	ND	87	88	1.1	86	83	3.6	30 - 130	30
% 2,4,6-Tribromophenol	101	101	96	5.1	109	115	5.4	30 - 130	30
% 2-Fluorobiphenyl	102	105	105	0.0	107	117	8.9	30 - 130	30
% 2-Fluorophenol	88	90	85	5.7	92	100	8.3	30 - 130	30
% Nitrobenzene-d5	97	98	93	5.2	97	104	7.0	30 - 130	30
% Phenol-d5	90	95	89	6.5	94	102	8.2	30 - 130	30
% Terphenyl-d14	112	130	153	16.3	145	160	9.8	30 - 130	30

Comment:

Additional 8270 criteria: 20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

l = This parameter is outside laboratory lcs/lcsd specified recovery limits.  
 m = This parameter is outside laboratory ms/msd specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference

  
 Phyllis Shiller, Laboratory Director  
 May 02, 2014

# Sample Criteria Exceedences Report

## GBG38396 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BG38396	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.31	0.08	0.18	0.18	mg/Kg
BG38396	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	66.2	0.8	63	63	mg/Kg

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823



# NY Temperature Narration

May 02, 2014

SDG I.D.: GBG38396

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The samples in this delivery group were received at 4°C.  
(Note acceptance criteria is above freezing up to 6°C)





Wednesday, September 11, 2013

Attn: Mr. Charles B. Sosik, P.G.  
Environmental Business Consultants  
1808 Middle Country Rd  
Ridge NY 11961-2406

Project ID: 588 MYRTLE AVE., BROOKLYN  
Sample ID#s: BF26269 - BF26276

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

Phyllis Shiller  
Laboratory Director

NELAC - #NY11301  
CT Lab Registration #PH-0618  
MA Lab Registration #MA-CT-007  
ME Lab Registration #CT-007  
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003  
NY Lab Registration #11301  
PA Lab Registration #68-03530  
RI Lab Registration #63  
VT Lab Registration #VT11301



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**Analysis Report**  
 September 11, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

Date                      Time  
 08/16/13                      0:00  
 08/19/13                      15:22

Laboratory Data

SDG ID: GBF26269  
 Phoenix ID: BF26269

Project ID: 588 MYRTLE AVE., BROOKLYN  
 Client ID: EP1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.32	0.32	0.19	mg/Kg	08/21/13	LK	SW6010
Aluminum	9600	32	6.3	mg/Kg	08/21/13	LK	SW6010
Arsenic	3.8	0.6	0.63	mg/Kg	08/21/13	LK	SW6010
Barium	41.4	0.6	0.13	mg/Kg	08/21/13	LK	SW6010
Beryllium	0.63	0.25	0.13	mg/Kg	08/21/13	LK	SW6010
Calcium	746	3.2	2.9	mg/Kg	08/21/13	LK	SW6010
Cadmium	0.48	0.32	0.13	mg/Kg	08/21/13	LK	SW6010
Cobalt	6.27	0.32	0.13	mg/Kg	08/21/13	LK	SW6010
Chromium	21.7	0.32	0.13	mg/Kg	08/21/13	LK	SW6010
Copper	22.9	0.32	0.25	mg/kg	08/21/13	LK	SW6010
Iron	27300 *	32	32	mg/Kg	08/21/13	LK	SW6010
Mercury	< 0.08	0.08	0.05	mg/Kg	08/20/13	RS	SW-7471
Potassium	1100 N	6	2.5	mg/Kg	08/21/13	LK	SW6010
Magnesium	2230	3.2	0.19	mg/Kg	08/21/13	LK	SW6010
Manganese	236	3.2	1.3	mg/Kg	08/21/13	LK	SW6010
Sodium	63	6	2.7	mg/Kg	08/21/13	LK	SW6010
Nickel	13.8	0.32	0.13	mg/Kg	08/21/13	LK	SW6010
Lead	8.7	0.6	0.19	mg/Kg	08/21/13	LK	SW6010
Antimony	< 1.6	1.6	0.63	mg/Kg	08/21/13	LK	SW6010
Selenium	< 1.3	1.3	1.1	mg/Kg	08/21/13	LK	SW6010
Thallium	< 0.5	0.5	1.3	mg/Kg	08/21/13	LK	SW6010
Vanadium	38.7	0.3	0.13	mg/Kg	08/21/13	LK	SW6010
Zinc	32.3	0.6	0.32	mg/Kg	08/21/13	LK	SW6010
Percent Solid	93			%	08/19/13	w	E160.3
Soil Extraction for PCB	Completed				08/19/13	IJ	SW3545
Soil Extraction for Pesticide	Completed				08/19/13	IJ/V	SW3545
Soil Extraction for SVOA	Completed				08/19/13	JJ/FV	SW3545
Mercury Digestion	Completed				08/20/13	X/X	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				08/19/13	Z/AG	SW846 - 3050
Field Extraction	Completed				08/16/13		SW5035

### Polychlorinated Biphenyls

PCB-1016	ND	35	35	ug/Kg	08/20/13	AW	SW 8082
PCB-1221	ND	35	35	ug/Kg	08/20/13	AW	SW 8082
PCB-1232	ND	35	35	ug/Kg	08/20/13	AW	SW 8082
PCB-1242	ND	35	35	ug/Kg	08/20/13	AW	SW 8082
PCB-1248	ND	35	35	ug/Kg	08/20/13	AW	SW 8082
PCB-1254	ND	35	35	ug/Kg	08/20/13	AW	SW 8082
PCB-1260	ND	35	35	ug/Kg	08/20/13	AW	SW 8082
PCB-1262	ND	35	35	ug/Kg	08/20/13	AW	SW 8082
PCB-1268	ND	35	35	ug/Kg	08/20/13	AW	SW 8082

### QA/QC Surrogates

% DCBP	49			%	08/20/13	AW	30 - 150 %
% TCMX	54			%	08/20/13	AW	30 - 150 %

### Pesticides - Soil

4,4' -DDD	ND	2.5	2.5	ug/Kg	08/20/13	MH	SW8081
4,4' -DDE	ND	2.5	2.5	ug/Kg	08/20/13	MH	SW8081
4,4' -DDT	ND	2.5	2.5	ug/Kg	08/20/13	MH	SW8081
a-BHC	ND	1.7	1.7	ug/Kg	08/20/13	MH	SW8081
a-Chlordane	ND	3.5	3.5	ug/Kg	08/20/13	MH	SW8081
Aldrin	ND	1.7	1.7	ug/Kg	08/20/13	MH	SW8081
b-BHC	ND	1.7	1.7	ug/Kg	08/20/13	MH	SW8081
Chlordane	ND	21	21	ug/Kg	08/20/13	MH	SW8081
d-BHC	ND	1.7	1.7	ug/Kg	08/20/13	MH	SW8081
Dieldrin	ND	1.7	1.7	ug/Kg	08/20/13	MH	SW8081
Endosulfan I	ND	3.5	3.5	ug/Kg	08/20/13	MH	SW8081
Endosulfan II	ND	3.5	3.5	ug/Kg	08/20/13	MH	SW8081
Endosulfan sulfate	ND	3.5	3.5	ug/Kg	08/20/13	MH	SW8081
Endrin	ND	1.7	1.7	ug/Kg	08/20/13	MH	SW8081
Endrin aldehyde	ND	3.5	3.5	ug/Kg	08/20/13	MH	SW8081
Endrin ketone	ND	1.7	1.7	ug/Kg	08/20/13	MH	SW8081
g-BHC	ND	1.7	1.7	ug/Kg	08/20/13	MH	SW8081
g-Chlordane	ND	3.5	3.5	ug/Kg	08/20/13	MH	SW8081
Heptachlor	ND	1.7	1.7	ug/Kg	08/20/13	MH	SW8081
Heptachlor epoxide	ND	1.7	1.7	ug/Kg	08/20/13	MH	SW8081
Methoxychlor	ND	7.0	7.0	ug/Kg	08/20/13	MH	SW8081
Toxaphene	ND	34	34	ug/Kg	08/20/13	MH	SW8081

### QA/QC Surrogates

% DCBP	58			%	08/20/13	MH	30 - 150 %
% TCMX	56			%	08/20/13	MH	30 - 150 %

### Volatiles

1,1,1,2-Tetrachloroethane	ND	4.7	0.78	ug/Kg	08/19/13	R/J	SW8260
1,1,1-Trichloroethane	ND	4.7	0.95	ug/Kg	08/19/13	R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	4.7	0.67	ug/Kg	08/19/13	R/J	SW8260
1,1,2-Trichloroethane	ND	4.7	0.46	ug/Kg	08/19/13	R/J	SW8260
1,1-Dichloroethane	ND	4.7	0.94	ug/Kg	08/19/13	R/J	SW8260

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	4.7	1.0	ug/Kg	08/19/13	R/J	SW8260
1,1-Dichloropropene	ND	4.7	0.92	ug/Kg	08/19/13	R/J	SW8260
1,2,3-Trichlorobenzene	ND	4.7	0.95	ug/Kg	08/19/13	R/J	SW8260
1,2,3-Trichloropropane	ND	4.7	0.67	ug/Kg	08/19/13	R/J	SW8260
1,2,4-Trichlorobenzene	ND	4.7	0.95	ug/Kg	08/19/13	R/J	SW8260
1,2,4-Trimethylbenzene	ND	4.7	0.68	ug/Kg	08/19/13	R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	4.7	1.3	ug/Kg	08/19/13	R/J	SW8260
1,2-Dibromoethane	ND	4.7	1.3	ug/Kg	08/19/13	R/J	SW8260
1,2-Dichlorobenzene	ND	4.7	0.52	ug/Kg	08/19/13	R/J	SW8260
1,2-Dichloroethane	ND	4.7	0.42	ug/Kg	08/19/13	R/J	SW8260
1,2-Dichloropropane	ND	4.7	0.67	ug/Kg	08/19/13	R/J	SW8260
1,3,5-Trimethylbenzene	ND	4.7	0.62	ug/Kg	08/19/13	R/J	SW8260
1,3-Dichlorobenzene	ND	4.7	0.70	ug/Kg	08/19/13	R/J	SW8260
1,3-Dichloropropane	ND	4.7	0.50	ug/Kg	08/19/13	R/J	SW8260
1,4-Dichlorobenzene	ND	4.7	0.75	ug/Kg	08/19/13	R/J	SW8260
2,2-Dichloropropane	ND	4.7	0.79	ug/Kg	08/19/13	R/J	SW8260
2-Chlorotoluene	ND	4.7	0.76	ug/Kg	08/19/13	R/J	SW8260
2-Hexanone	ND	24	2.1	ug/Kg	08/19/13	R/J	SW8260
2-Isopropyltoluene	ND	4.7	0.65	ug/Kg	08/19/13	R/J	SW8260
4-Chlorotoluene	ND	4.7	0.55	ug/Kg	08/19/13	R/J	SW8260
4-Methyl-2-pentanone	ND	24	1.1	ug/Kg	08/19/13	R/J	SW8260
Acetone	ND	47	4.7	ug/Kg	08/19/13	R/J	SW8260
Acrylonitrile	ND	9.5	2.7	ug/Kg	08/19/13	R/J	SW8260
Benzene	ND	4.7	0.94	ug/Kg	08/19/13	R/J	SW8260
Bromobenzene	ND	4.7	0.62	ug/Kg	08/19/13	R/J	SW8260
Bromochloromethane	ND	4.7	0.69	ug/Kg	08/19/13	R/J	SW8260
Bromodichloromethane	ND	4.7	0.59	ug/Kg	08/19/13	R/J	SW8260
Bromoform	ND	4.7	0.66	ug/Kg	08/19/13	R/J	SW8260
Bromomethane	ND	4.7	3.6	ug/Kg	08/19/13	R/J	SW8260
Carbon Disulfide	ND	4.7	0.77	ug/Kg	08/19/13	R/J	SW8260
Carbon tetrachloride	ND	4.7	0.55	ug/Kg	08/19/13	R/J	SW8260
Chlorobenzene	ND	4.7	0.70	ug/Kg	08/19/13	R/J	SW8260
Chloroethane	ND	4.7	1.1	ug/Kg	08/19/13	R/J	SW8260
Chloroform	ND	4.7	0.86	ug/Kg	08/19/13	R/J	SW8260
Chloromethane	ND	4.7	2.5	ug/Kg	08/19/13	R/J	SW8260
cis-1,2-Dichloroethene	ND	4.7	1.0	ug/Kg	08/19/13	R/J	SW8260
cis-1,3-Dichloropropene	ND	4.7	0.51	ug/Kg	08/19/13	R/J	SW8260
Dibromochloromethane	ND	4.7	0.53	ug/Kg	08/19/13	R/J	SW8260
Dibromomethane	ND	4.7	0.60	ug/Kg	08/19/13	R/J	SW8260
Dichlorodifluoromethane	ND	4.7	1.3	ug/Kg	08/19/13	R/J	SW8260
Ethylbenzene	ND	4.7	0.86	ug/Kg	08/19/13	R/J	SW8260
Hexachlorobutadiene	ND	4.7	0.99	ug/Kg	08/19/13	R/J	SW8260
Isopropylbenzene	ND	4.7	0.91	ug/Kg	08/19/13	R/J	SW8260
m&p-Xylene	ND	4.7	1.9	ug/Kg	08/19/13	R/J	SW8260
Methyl Ethyl Ketone	ND	28	4.1	ug/Kg	08/19/13	R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	9.5	1.3	ug/Kg	08/19/13	R/J	SW8260
Methylene chloride	ND	4.7	0.78	ug/Kg	08/19/13	R/J	SW8260
Naphthalene	ND	4.7	1.3	ug/Kg	08/19/13	R/J	SW8260
n-Butylbenzene	ND	4.7	0.86	ug/Kg	08/19/13	R/J	SW8260
n-Propylbenzene	ND	4.7	0.85	ug/Kg	08/19/13	R/J	SW8260

1

B

Client ID: EP1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
o-Xylene	ND	4.7	1.8	ug/Kg	08/19/13	R/J	SW8260
p-Isopropyltoluene	ND	4.7	0.68	ug/Kg	08/19/13	R/J	SW8260
sec-Butylbenzene	ND	4.7	0.89	ug/Kg	08/19/13	R/J	SW8260
Styrene	ND	4.7	1.4	ug/Kg	08/19/13	R/J	SW8260
tert-Butylbenzene	ND	4.7	0.76	ug/Kg	08/19/13	R/J	SW8260
Tetrachloroethene	ND	4.7	0.99	ug/Kg	08/19/13	R/J	SW8260
Tetrahydrofuran (THF)	ND	9.5	4.3	ug/Kg	08/19/13	R/J	SW8260
Toluene	ND	4.7	0.75	ug/Kg	08/19/13	R/J	SW8260
trans-1,2-Dichloroethene	ND	4.7	0.95	ug/Kg	08/19/13	R/J	SW8260
trans-1,3-Dichloropropene	ND	4.7	0.97	ug/Kg	08/19/13	R/J	SW8260
trans-1,4-dichloro-2-butene	ND	9.5	8.8	ug/Kg	08/19/13	R/J	SW8260
Trichloroethene	ND	4.7	1.0	ug/Kg	08/19/13	R/J	SW8260
Trichlorofluoromethane	ND	4.7	1.1	ug/Kg	08/19/13	R/J	SW8260
Trichlorotrifluoroethane	ND	4.7	0.74	ug/Kg	08/19/13	R/J	SW8260
Vinyl chloride	ND	4.7	1.5	ug/Kg	08/19/13	R/J	SW8260
<b><u>QA/QC Surrogates</u></b>							
% 1,2-dichlorobenzene-d4	99			%	08/19/13	R/J	70 - 121 %
% Bromofluorobenzene	96			%	08/19/13	R/J	59 - 113 %
% Dibromofluoromethane	107			%	08/19/13	R/J	70 - 130 %
% Toluene-d8	100			%	08/19/13	R/J	84 - 138 %
<b><u>Semivolatiles</u></b>							
1,2,4,5-Tetrachlorobenzene	ND	250	130	ug/Kg	08/20/13	DD	SW 8270
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	08/20/13	DD	SW 8270
1,2-Dichlorobenzene	ND	250	100	ug/Kg	08/20/13	DD	SW 8270
1,2-Diphenylhydrazine	ND	250	120	ug/Kg	08/20/13	DD	SW 8270
1,3-Dichlorobenzene	ND	250	110	ug/Kg	08/20/13	DD	SW 8270
1,4-Dichlorobenzene	ND	250	110	ug/Kg	08/20/13	DD	SW 8270
2,4,5-Trichlorophenol	ND	250	200	ug/Kg	08/20/13	DD	SW 8270
2,4,6-Trichlorophenol	ND	250	110	ug/Kg	08/20/13	DD	SW 8270
2,4-Dichlorophenol	ND	250	130	ug/Kg	08/20/13	DD	SW 8270
2,4-Dimethylphenol	ND	250	88	ug/Kg	08/20/13	DD	SW 8270
2,4-Dinitrophenol	ND	1800	250	ug/Kg	08/20/13	DD	SW 8270
2,4-Dinitrotoluene	ND	250	140	ug/Kg	08/20/13	DD	SW 8270
2,6-Dinitrotoluene	ND	250	110	ug/Kg	08/20/13	DD	SW 8270
2-Chloronaphthalene	ND	250	100	ug/Kg	08/20/13	DD	SW 8270
2-Chlorophenol	ND	250	100	ug/Kg	08/20/13	DD	SW 8270
2-Methylnaphthalene	ND	250	110	ug/Kg	08/20/13	DD	SW 8270
2-Methylphenol (o-cresol)	ND	250	170	ug/Kg	08/20/13	DD	SW 8270
2-Nitroaniline	ND	1800	360	ug/Kg	08/20/13	DD	SW 8270
2-Nitrophenol	ND	250	230	ug/Kg	08/20/13	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	250	140	ug/Kg	08/20/13	DD	SW 8270
3,3'-Dichlorobenzidine	ND	710	170	ug/Kg	08/20/13	DD	SW 8270
3-Nitroaniline	ND	1800	780	ug/Kg	08/20/13	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1800	380	ug/Kg	08/20/13	DD	SW 8270
4-Bromophenyl phenyl ether	ND	250	100	ug/Kg	08/20/13	DD	SW 8270
4-Chloro-3-methylphenol	ND	250	130	ug/Kg	08/20/13	DD	SW 8270
4-Chloroaniline	ND	710	170	ug/Kg	08/20/13	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	250	120	ug/Kg	08/20/13	DD	SW 8270
4-Nitroaniline	ND	1800	120	ug/Kg	08/20/13	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitrophenol	ND	1800	160	ug/Kg	08/20/13	DD	SW 8270
Acenaphthene	ND	250	110	ug/Kg	08/20/13	DD	SW 8270
Acenaphthylene	ND	250	100	ug/Kg	08/20/13	DD	SW 8270
Acetophenone	ND	250	110	ug/Kg	08/20/13	DD	SW 8270
Aniline	ND	1800	720	ug/Kg	08/20/13	DD	SW 8270
Anthracene	ND	250	120	ug/Kg	08/20/13	DD	SW 8270
Benz(a)anthracene	ND	250	120	ug/Kg	08/20/13	DD	SW 8270
Benzidine	ND	710	210	ug/Kg	08/20/13	DD	SW 8270
Benzo(a)pyrene	ND	250	120	ug/Kg	08/20/13	DD	SW 8270
Benzo(b)fluoranthene	ND	250	120	ug/Kg	08/20/13	DD	SW 8270
Benzo(ghi)perylene	ND	250	120	ug/Kg	08/20/13	DD	SW 8270
Benzo(k)fluoranthene	ND	250	120	ug/Kg	08/20/13	DD	SW 8270
Benzoic acid	ND	1800	710	ug/Kg	08/20/13	DD	SW 8270 10
Benzyl butyl phthalate	ND	250	92	ug/Kg	08/20/13	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	250	98	ug/Kg	08/20/13	DD	SW 8270
Bis(2-chloroethyl)ether	ND	250	96	ug/Kg	08/20/13	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	250	99	ug/Kg	08/20/13	DD	SW 8270 1
Bis(2-ethylhexyl)phthalate	ND	250	100	ug/Kg	08/20/13	DD	SW 8270
Carbazole	ND	1800	270	ug/Kg	08/20/13	DD	SW 8270
Chrysene	ND	250	120	ug/Kg	08/20/13	DD	SW 8270
Dibenz(a,h)anthracene	ND	250	120	ug/Kg	08/20/13	DD	SW 8270
Dibenzofuran	ND	250	100	ug/Kg	08/20/13	DD	SW 8270
Diethyl phthalate	ND	250	110	ug/Kg	08/20/13	DD	SW 8270
Dimethylphthalate	ND	250	110	ug/Kg	08/20/13	DD	SW 8270
Di-n-butylphthalate	ND	250	95	ug/Kg	08/20/13	DD	SW 8270
Di-n-octylphthalate	ND	250	92	ug/Kg	08/20/13	DD	SW 8270
Fluoranthene	ND	250	120	ug/Kg	08/20/13	DD	SW 8270
Fluorene	ND	250	120	ug/Kg	08/20/13	DD	SW 8270
Hexachlorobenzene	ND	250	100	ug/Kg	08/20/13	DD	SW 8270
Hexachlorobutadiene	ND	250	130	ug/Kg	08/20/13	DD	SW 8270
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	08/20/13	DD	SW 8270
Hexachloroethane	ND	250	110	ug/Kg	08/20/13	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	250	120	ug/Kg	08/20/13	DD	SW 8270
Isophorone	ND	250	100	ug/Kg	08/20/13	DD	SW 8270
Naphthalene	ND	250	100	ug/Kg	08/20/13	DD	SW 8270
Nitrobenzene	ND	250	120	ug/Kg	08/20/13	DD	SW 8270
N-Nitrosodimethylamine	ND	250	100	ug/Kg	08/20/13	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	250	120	ug/Kg	08/20/13	DD	SW 8270
N-Nitrosodiphenylamine	ND	250	140	ug/Kg	08/20/13	DD	SW 8270
Pentachloronitrobenzene	ND	250	130	ug/Kg	08/20/13	DD	SW 8270
Pentachlorophenol	ND	250	130	ug/Kg	08/20/13	DD	SW 8270
Phenanthrene	ND	250	100	ug/Kg	08/20/13	DD	SW 8270
Phenol	ND	250	110	ug/Kg	08/20/13	DD	SW 8270
Pyrene	ND	250	120	ug/Kg	08/20/13	DD	SW 8270
Pyridine	ND	250	88	ug/Kg	08/20/13	DD	SW 8270
<b>QA/QC Surrogates</b>							
% 2,4,6-Tribromophenol	81			%	08/20/13	DD	19 - 122 %
% 2-Fluorobiphenyl	74			%	08/20/13	DD	30 - 115 %
% 2-Fluorophenol	107			%	08/20/13	DD	25 - 121 %
% Nitrobenzene-d5	87			%	08/20/13	DD	23 - 120 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Phenol-d5	98			%	08/20/13	DD	24 - 113 %
% Terphenyl-d14	94			%	08/20/13	DD	18 - 137 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

1O = This parameter is not certified by NY NELAC for this matrix.

B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

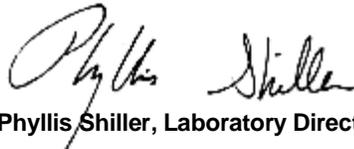
**Comments:**

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**September 11, 2013**

**Reviewed and Released by: Bobbi Aloisa, Vice President**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823



# Analysis Report

September 11, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

Date                      Time  
 08/16/13                      0:00  
 08/19/13                      15:22

## Laboratory Data

SDG ID: GBF26269  
 Phoenix ID: BF26270

Project ID: 588 MYRTLE AVE., BROOKLYN  
 Client ID: EP2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.41	0.41	0.25	mg/Kg	08/21/13	LK	SW6010
Aluminum	14800	41	8.2	mg/Kg	08/21/13	LK	SW6010
Arsenic	3.6	0.8	0.82	mg/Kg	08/21/13	LK	SW6010
Barium	74.7	0.8	0.16	mg/Kg	08/21/13	LK	SW6010
Beryllium	0.82	0.33	0.16	mg/Kg	08/21/13	LK	SW6010
Calcium	1890	4.1	3.8	mg/Kg	08/21/13	LK	SW6010
Cadmium	0.61	0.41	0.16	mg/Kg	08/21/13	LK	SW6010
Cobalt	11.3	0.41	0.16	mg/Kg	08/21/13	LK	SW6010
Chromium	39.3	0.41	0.16	mg/Kg	08/21/13	LK	SW6010
Copper	31.4	0.41	0.33	mg/kg	08/21/13	LK	SW6010
Iron	35900	* 41	41	mg/Kg	08/21/13	LK	SW6010
Mercury	0.07	B 0.08	0.05	mg/Kg	08/20/13	RS	SW-7471
Potassium	2740	N 8	3.2	mg/Kg	08/21/13	LK	SW6010
Magnesium	5070	4.1	0.25	mg/Kg	08/21/13	LK	SW6010
Manganese	514	4.1	1.6	mg/Kg	08/21/13	LK	SW6010
Sodium	161	8	3.5	mg/Kg	08/21/13	LK	SW6010
Nickel	21.8	0.41	0.16	mg/Kg	08/21/13	LK	SW6010
Lead	25.9	0.8	0.25	mg/Kg	08/21/13	LK	SW6010
Antimony	< 2.1	2.1	0.82	mg/Kg	08/21/13	LK	SW6010
Selenium	< 1.6	1.6	1.4	mg/Kg	08/21/13	LK	SW6010
Thallium	< 0.7	0.7	1.6	mg/Kg	08/21/13	LK	SW6010
Vanadium	54.8	0.4	0.16	mg/Kg	08/21/13	LK	SW6010
Zinc	68.5	0.8	0.41	mg/Kg	08/21/13	LK	SW6010
Percent Solid	77			%	08/19/13	w	E160.3
Soil Extraction for PCB	Completed				08/19/13	IJ	SW3545
Soil Extraction for Pesticide	Completed				08/19/13	IJ/V	SW3545
Soil Extraction for SVOA	Completed				08/19/13	JJ/FV	SW3545
Mercury Digestion	Completed				08/20/13	X/X	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				08/19/13	Z/AG	SW846 - 3050
Field Extraction	Completed				08/16/13		SW5035

### Polychlorinated Biphenyls

PCB-1016	ND	43	43	ug/Kg	08/20/13	AW	SW 8082
PCB-1221	ND	43	43	ug/Kg	08/20/13	AW	SW 8082
PCB-1232	ND	43	43	ug/Kg	08/20/13	AW	SW 8082
PCB-1242	ND	43	43	ug/Kg	08/20/13	AW	SW 8082
PCB-1248	ND	43	43	ug/Kg	08/20/13	AW	SW 8082
PCB-1254	ND	43	43	ug/Kg	08/20/13	AW	SW 8082
PCB-1260	ND	43	43	ug/Kg	08/20/13	AW	SW 8082
PCB-1262	ND	43	43	ug/Kg	08/20/13	AW	SW 8082
PCB-1268	ND	43	43	ug/Kg	08/20/13	AW	SW 8082

### QA/QC Surrogates

% DCBP	59			%	08/20/13	AW	30 - 150 %
% TCMX	70			%	08/20/13	AW	30 - 150 %

### Pesticides - Soil

4,4' -DDD	ND	3.1	3.1	ug/Kg	08/20/13	MH	SW8081
4,4' -DDE	ND	3.1	3.1	ug/Kg	08/20/13	MH	SW8081
4,4' -DDT	ND	3.1	3.1	ug/Kg	08/20/13	MH	SW8081
a-BHC	ND	2.1	2.1	ug/Kg	08/20/13	MH	SW8081
a-Chlordane	ND	4.3	4.3	ug/Kg	08/20/13	MH	SW8081
Aldrin	ND	2.1	2.1	ug/Kg	08/20/13	MH	SW8081
b-BHC	ND	2.1	2.1	ug/Kg	08/20/13	MH	SW8081
Chlordane	ND	26	26	ug/Kg	08/20/13	MH	SW8081
d-BHC	ND	2.1	2.1	ug/Kg	08/20/13	MH	SW8081
Dieldrin	ND	2.1	2.1	ug/Kg	08/20/13	MH	SW8081
Endosulfan I	ND	4.3	4.3	ug/Kg	08/20/13	MH	SW8081
Endosulfan II	ND	4.3	4.3	ug/Kg	08/20/13	MH	SW8081
Endosulfan sulfate	ND	4.3	4.3	ug/Kg	08/20/13	MH	SW8081
Endrin	ND	2.1	2.1	ug/Kg	08/20/13	MH	SW8081
Endrin aldehyde	ND	4.3	4.3	ug/Kg	08/20/13	MH	SW8081
Endrin ketone	ND	2.1	2.1	ug/Kg	08/20/13	MH	SW8081
g-BHC	ND	2.1	2.1	ug/Kg	08/20/13	MH	SW8081
g-Chlordane	ND	4.3	4.3	ug/Kg	08/20/13	MH	SW8081
Heptachlor	ND	2.1	2.1	ug/Kg	08/20/13	MH	SW8081
Heptachlor epoxide	ND	2.1	2.1	ug/Kg	08/20/13	MH	SW8081
Methoxychlor	ND	8.6	8.6	ug/Kg	08/20/13	MH	SW8081
Toxaphene	ND	41	41	ug/Kg	08/20/13	MH	SW8081

### QA/QC Surrogates

% DCBP	71			%	08/20/13	MH	30 - 150 %
% TCMX	65			%	08/20/13	MH	30 - 150 %

### Volatiles

1,1,1,2-Tetrachloroethane	ND	8.9	1.5	ug/Kg	08/19/13	R/J	SW8260
1,1,1-Trichloroethane	ND	8.9	1.8	ug/Kg	08/19/13	R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	8.9	1.3	ug/Kg	08/19/13	R/J	SW8260
1,1,2-Trichloroethane	ND	8.9	0.87	ug/Kg	08/19/13	R/J	SW8260
1,1-Dichloroethane	ND	8.9	1.8	ug/Kg	08/19/13	R/J	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	8.9	1.9	ug/Kg	08/19/13	R/J	SW8260
1,1-Dichloropropene	ND	8.9	1.7	ug/Kg	08/19/13	R/J	SW8260
1,2,3-Trichlorobenzene	ND	8.9	1.8	ug/Kg	08/19/13	R/J	SW8260
1,2,3-Trichloropropane	ND	8.9	1.3	ug/Kg	08/19/13	R/J	SW8260
1,2,4-Trichlorobenzene	ND	8.9	1.8	ug/Kg	08/19/13	R/J	SW8260
1,2,4-Trimethylbenzene	ND	8.9	1.3	ug/Kg	08/19/13	R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	8.9	2.4	ug/Kg	08/19/13	R/J	SW8260
1,2-Dibromoethane	ND	8.9	2.4	ug/Kg	08/19/13	R/J	SW8260
1,2-Dichlorobenzene	ND	8.9	0.98	ug/Kg	08/19/13	R/J	SW8260
1,2-Dichloroethane	ND	8.9	0.78	ug/Kg	08/19/13	R/J	SW8260
1,2-Dichloropropane	ND	8.9	1.3	ug/Kg	08/19/13	R/J	SW8260
1,3,5-Trimethylbenzene	ND	8.9	1.2	ug/Kg	08/19/13	R/J	SW8260
1,3-Dichlorobenzene	ND	8.9	1.3	ug/Kg	08/19/13	R/J	SW8260
1,3-Dichloropropane	ND	8.9	0.94	ug/Kg	08/19/13	R/J	SW8260
1,4-Dichlorobenzene	ND	8.9	1.4	ug/Kg	08/19/13	R/J	SW8260
2,2-Dichloropropane	ND	8.9	1.5	ug/Kg	08/19/13	R/J	SW8260
2-Chlorotoluene	ND	8.9	1.4	ug/Kg	08/19/13	R/J	SW8260
2-Hexanone	ND	44	4.0	ug/Kg	08/19/13	R/J	SW8260
2-Isopropyltoluene	ND	8.9	1.2	ug/Kg	08/19/13	R/J	SW8260
4-Chlorotoluene	ND	8.9	1.0	ug/Kg	08/19/13	R/J	SW8260
4-Methyl-2-pentanone	ND	44	2.1	ug/Kg	08/19/13	R/J	SW8260
Acetone	ND	44	8.8	ug/Kg	08/19/13	R/J	SW8260
Acrylonitrile	ND	18	5.0	ug/Kg	08/19/13	R/J	SW8260
Benzene	ND	8.9	1.8	ug/Kg	08/19/13	R/J	SW8260
Bromobenzene	ND	8.9	1.2	ug/Kg	08/19/13	R/J	SW8260
Bromochloromethane	ND	8.9	1.3	ug/Kg	08/19/13	R/J	SW8260
Bromodichloromethane	ND	8.9	1.1	ug/Kg	08/19/13	R/J	SW8260
Bromoform	ND	8.9	1.2	ug/Kg	08/19/13	R/J	SW8260
Bromomethane	ND	8.9	6.9	ug/Kg	08/19/13	R/J	SW8260
Carbon Disulfide	ND	8.9	1.4	ug/Kg	08/19/13	R/J	SW8260
Carbon tetrachloride	ND	8.9	1.0	ug/Kg	08/19/13	R/J	SW8260
Chlorobenzene	ND	8.9	1.3	ug/Kg	08/19/13	R/J	SW8260
Chloroethane	ND	8.9	2.1	ug/Kg	08/19/13	R/J	SW8260
Chloroform	ND	8.9	1.6	ug/Kg	08/19/13	R/J	SW8260
Chloromethane	ND	8.9	4.7	ug/Kg	08/19/13	R/J	SW8260
cis-1,2-Dichloroethene	ND	8.9	1.9	ug/Kg	08/19/13	R/J	SW8260
cis-1,3-Dichloropropene	ND	8.9	0.96	ug/Kg	08/19/13	R/J	SW8260
Dibromochloromethane	ND	8.9	1.0	ug/Kg	08/19/13	R/J	SW8260
Dibromomethane	ND	8.9	1.1	ug/Kg	08/19/13	R/J	SW8260
Dichlorodifluoromethane	ND	8.9	2.4	ug/Kg	08/19/13	R/J	SW8260
Ethylbenzene	ND	8.9	1.6	ug/Kg	08/19/13	R/J	SW8260
Hexachlorobutadiene	ND	8.9	1.9	ug/Kg	08/19/13	R/J	SW8260
Isopropylbenzene	ND	8.9	1.7	ug/Kg	08/19/13	R/J	SW8260
m&p-Xylene	ND	8.9	3.5	ug/Kg	08/19/13	R/J	SW8260
Methyl Ethyl Ketone	ND	53	7.7	ug/Kg	08/19/13	R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	18	2.5	ug/Kg	08/19/13	R/J	SW8260
Methylene chloride	ND	8.9	1.5	ug/Kg	08/19/13	R/J	SW8260
Naphthalene	ND	8.9	2.4	ug/Kg	08/19/13	R/J	SW8260
n-Butylbenzene	ND	8.9	1.6	ug/Kg	08/19/13	R/J	SW8260
n-Propylbenzene	ND	8.9	1.6	ug/Kg	08/19/13	R/J	SW8260

1

B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
o-Xylene	ND	8.9	3.4	ug/Kg	08/19/13	R/J	SW8260
p-Isopropyltoluene	ND	8.9	1.3	ug/Kg	08/19/13	R/J	SW8260
sec-Butylbenzene	ND	8.9	1.7	ug/Kg	08/19/13	R/J	SW8260
Styrene	ND	8.9	2.6	ug/Kg	08/19/13	R/J	SW8260
tert-Butylbenzene	ND	8.9	1.4	ug/Kg	08/19/13	R/J	SW8260
Tetrachloroethene	ND	8.9	1.9	ug/Kg	08/19/13	R/J	SW8260
Tetrahydrofuran (THF)	ND	18	8.0	ug/Kg	08/19/13	R/J	SW8260
Toluene	ND	8.9	1.4	ug/Kg	08/19/13	R/J	SW8260
trans-1,2-Dichloroethene	ND	8.9	1.8	ug/Kg	08/19/13	R/J	SW8260
trans-1,3-Dichloropropene	ND	8.9	1.8	ug/Kg	08/19/13	R/J	SW8260
trans-1,4-dichloro-2-butene	ND	18	17	ug/Kg	08/19/13	R/J	SW8260
Trichloroethene	ND	8.9	1.9	ug/Kg	08/19/13	R/J	SW8260
Trichlorofluoromethane	ND	8.9	2.0	ug/Kg	08/19/13	R/J	SW8260
Trichlorotrifluoroethane	ND	8.9	1.4	ug/Kg	08/19/13	R/J	SW8260
Vinyl chloride	ND	8.9	2.9	ug/Kg	08/19/13	R/J	SW8260
<b><u>QA/QC Surrogates</u></b>							
% 1,2-dichlorobenzene-d4	103			%	08/19/13	R/J	70 - 121 %
% Bromofluorobenzene	96			%	08/19/13	R/J	59 - 113 %
% Dibromofluoromethane	101			%	08/19/13	R/J	70 - 130 %
% Toluene-d8	101			%	08/19/13	R/J	84 - 138 %
<b><u>Semivolatiles</u></b>							
1,2,4,5-Tetrachlorobenzene	ND	300	150	ug/Kg	08/20/13	DD	SW 8270
1,2,4-Trichlorobenzene	ND	300	130	ug/Kg	08/20/13	DD	SW 8270
1,2-Dichlorobenzene	ND	300	120	ug/Kg	08/20/13	DD	SW 8270
1,2-Diphenylhydrazine	ND	300	140	ug/Kg	08/20/13	DD	SW 8270
1,3-Dichlorobenzene	ND	300	130	ug/Kg	08/20/13	DD	SW 8270
1,4-Dichlorobenzene	ND	300	130	ug/Kg	08/20/13	DD	SW 8270
2,4,5-Trichlorophenol	ND	300	240	ug/Kg	08/20/13	DD	SW 8270
2,4,6-Trichlorophenol	ND	300	140	ug/Kg	08/20/13	DD	SW 8270
2,4-Dichlorophenol	ND	300	150	ug/Kg	08/20/13	DD	SW 8270
2,4-Dimethylphenol	ND	300	110	ug/Kg	08/20/13	DD	SW 8270
2,4-Dinitrophenol	ND	2200	300	ug/Kg	08/20/13	DD	SW 8270
2,4-Dinitrotoluene	ND	300	170	ug/Kg	08/20/13	DD	SW 8270
2,6-Dinitrotoluene	ND	300	140	ug/Kg	08/20/13	DD	SW 8270
2-Chloronaphthalene	ND	300	120	ug/Kg	08/20/13	DD	SW 8270
2-Chlorophenol	ND	300	120	ug/Kg	08/20/13	DD	SW 8270
2-Methylnaphthalene	ND	300	130	ug/Kg	08/20/13	DD	SW 8270
2-Methylphenol (o-cresol)	ND	300	200	ug/Kg	08/20/13	DD	SW 8270
2-Nitroaniline	ND	2200	440	ug/Kg	08/20/13	DD	SW 8270
2-Nitrophenol	ND	300	270	ug/Kg	08/20/13	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	300	170	ug/Kg	08/20/13	DD	SW 8270
3,3'-Dichlorobenzidine	ND	860	200	ug/Kg	08/20/13	DD	SW 8270
3-Nitroaniline	ND	2200	940	ug/Kg	08/20/13	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	2200	460	ug/Kg	08/20/13	DD	SW 8270
4-Bromophenyl phenyl ether	ND	300	130	ug/Kg	08/20/13	DD	SW 8270
4-Chloro-3-methylphenol	ND	300	150	ug/Kg	08/20/13	DD	SW 8270
4-Chloroaniline	ND	860	200	ug/Kg	08/20/13	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	300	150	ug/Kg	08/20/13	DD	SW 8270
4-Nitroaniline	ND	2200	140	ug/Kg	08/20/13	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitrophenol	ND	2200	200	ug/Kg	08/20/13	DD	SW 8270
Acenaphthene	ND	300	130	ug/Kg	08/20/13	DD	SW 8270
Acenaphthylene	ND	300	120	ug/Kg	08/20/13	DD	SW 8270
Acetophenone	ND	300	130	ug/Kg	08/20/13	DD	SW 8270
Aniline	ND	2200	870	ug/Kg	08/20/13	DD	SW 8270
Anthracene	ND	300	140	ug/Kg	08/20/13	DD	SW 8270
Benz(a)anthracene	ND	300	150	ug/Kg	08/20/13	DD	SW 8270
Benzidine	ND	860	250	ug/Kg	08/20/13	DD	SW 8270
Benzo(a)pyrene	ND	300	140	ug/Kg	08/20/13	DD	SW 8270
Benzo(b)fluoranthene	ND	300	150	ug/Kg	08/20/13	DD	SW 8270
Benzo(ghi)perylene	ND	300	140	ug/Kg	08/20/13	DD	SW 8270
Benzo(k)fluoranthene	ND	300	140	ug/Kg	08/20/13	DD	SW 8270
Benzoic acid	ND	2200	860	ug/Kg	08/20/13	DD	SW 8270 10
Benzyl butyl phthalate	ND	300	110	ug/Kg	08/20/13	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	300	120	ug/Kg	08/20/13	DD	SW 8270
Bis(2-chloroethyl)ether	ND	300	120	ug/Kg	08/20/13	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	300	120	ug/Kg	08/20/13	DD	SW 8270 1
Bis(2-ethylhexyl)phthalate	ND	300	120	ug/Kg	08/20/13	DD	SW 8270
Carbazole	ND	2200	330	ug/Kg	08/20/13	DD	SW 8270
Chrysene	ND	300	150	ug/Kg	08/20/13	DD	SW 8270
Dibenz(a,h)anthracene	ND	300	140	ug/Kg	08/20/13	DD	SW 8270
Dibenzofuran	ND	300	130	ug/Kg	08/20/13	DD	SW 8270
Diethyl phthalate	ND	300	140	ug/Kg	08/20/13	DD	SW 8270
Dimethylphthalate	ND	300	130	ug/Kg	08/20/13	DD	SW 8270
Di-n-butylphthalate	ND	300	110	ug/Kg	08/20/13	DD	SW 8270
Di-n-octylphthalate	ND	300	110	ug/Kg	08/20/13	DD	SW 8270
Fluoranthene	ND	300	140	ug/Kg	08/20/13	DD	SW 8270
Fluorene	ND	300	140	ug/Kg	08/20/13	DD	SW 8270
Hexachlorobenzene	ND	300	130	ug/Kg	08/20/13	DD	SW 8270
Hexachlorobutadiene	ND	300	160	ug/Kg	08/20/13	DD	SW 8270
Hexachlorocyclopentadiene	ND	300	130	ug/Kg	08/20/13	DD	SW 8270
Hexachloroethane	ND	300	130	ug/Kg	08/20/13	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	300	140	ug/Kg	08/20/13	DD	SW 8270
Isophorone	ND	300	120	ug/Kg	08/20/13	DD	SW 8270
Naphthalene	ND	300	120	ug/Kg	08/20/13	DD	SW 8270
Nitrobenzene	ND	300	150	ug/Kg	08/20/13	DD	SW 8270
N-Nitrosodimethylamine	ND	300	120	ug/Kg	08/20/13	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	300	140	ug/Kg	08/20/13	DD	SW 8270
N-Nitrosodiphenylamine	ND	300	170	ug/Kg	08/20/13	DD	SW 8270
Pentachloronitrobenzene	ND	300	160	ug/Kg	08/20/13	DD	SW 8270
Pentachlorophenol	ND	300	160	ug/Kg	08/20/13	DD	SW 8270
Phenanthrene	ND	300	120	ug/Kg	08/20/13	DD	SW 8270
Phenol	ND	300	140	ug/Kg	08/20/13	DD	SW 8270
Pyrene	ND	300	150	ug/Kg	08/20/13	DD	SW 8270
Pyridine	ND	300	110	ug/Kg	08/20/13	DD	SW 8270
<b>QA/QC Surrogates</b>							
% 2,4,6-Tribromophenol	99			%	08/20/13	DD	19 - 122 %
% 2-Fluorobiphenyl	51			%	08/20/13	DD	30 - 115 %
% 2-Fluorophenol	80			%	08/20/13	DD	25 - 121 %
% Nitrobenzene-d5	45			%	08/20/13	DD	23 - 120 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Phenol-d5	74			%	08/20/13	DD	24 - 113 %
% Terphenyl-d14	105			%	08/20/13	DD	18 - 137 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

1O = This parameter is not certified by NY NELAC for this matrix.

B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**September 11, 2013**

**Reviewed and Released by: Bobbi Aloisa, Vice President**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 September 11, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

Date                      Time  
 08/16/13                      0:00  
 08/19/13                      15:22

Laboratory Data

SDG ID: GBF26269  
 Phoenix ID: BF26271

Project ID: 588 MYRTLE AVE., BROOKLYN  
 Client ID: EP3

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.43	0.43	0.26	mg/Kg	08/21/13	LK	SW6010
Aluminum	9770	43	8.7	mg/Kg	08/21/13	LK	SW6010
Arsenic	3.2	0.9	0.87	mg/Kg	08/21/13	LK	SW6010
Barium	77.4	0.9	0.17	mg/Kg	08/21/13	LK	SW6010
Beryllium	0.59	0.35	0.17	mg/Kg	08/21/13	LK	SW6010
Calcium	1830	4.3	4.0	mg/Kg	08/21/13	LK	SW6010
Cadmium	0.42	B 0.43	0.17	mg/Kg	08/21/13	LK	SW6010
Cobalt	8.64	0.43	0.17	mg/Kg	08/21/13	LK	SW6010
Chromium	26.9	0.43	0.17	mg/Kg	08/21/13	LK	SW6010
Copper	24.0	0.43	0.35	mg/kg	08/21/13	LK	SW6010
Iron	23300	* 43	43	mg/Kg	08/21/13	LK	SW6010
Mercury	0.16	0.09	0.05	mg/Kg	08/20/13	RS	SW-7471
Potassium	2310	N 9	3.4	mg/Kg	08/21/13	LK	SW6010
Magnesium	3540	4.3	0.26	mg/Kg	08/21/13	LK	SW6010
Manganese	470	4.3	1.7	mg/Kg	08/21/13	LK	SW6010
Sodium	107	9	3.7	mg/Kg	08/21/13	LK	SW6010
Nickel	17.7	0.43	0.17	mg/Kg	08/21/13	LK	SW6010
Lead	25.1	0.9	0.26	mg/Kg	08/21/13	LK	SW6010
Antimony	< 2.2	2.2	0.87	mg/Kg	08/21/13	LK	SW6010
Selenium	< 1.7	1.7	1.5	mg/Kg	08/21/13	LK	SW6010
Thallium	< 0.7	0.7	1.7	mg/Kg	08/21/13	LK	SW6010
Vanadium	38.7	0.4	0.17	mg/Kg	08/21/13	LK	SW6010
Zinc	58.9	0.9	0.43	mg/Kg	08/21/13	LK	SW6010
Percent Solid	81			%	08/19/13	w	E160.3
Soil Extraction for PCB	Completed				08/19/13	IJ	SW3545
Soil Extraction for Pesticide	Completed				08/19/13	IJ/V	SW3545
Soil Extraction for SVOA	Completed				08/19/13	JJ/FV	SW3545
Mercury Digestion	Completed				08/20/13	X/X	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				08/19/13	Z/AG	SW846 - 3050
Field Extraction	Completed				08/16/13		SW5035

### Polychlorinated Biphenyls

PCB-1016	ND	41	41	ug/Kg	08/20/13	AW	SW 8082
PCB-1221	ND	41	41	ug/Kg	08/20/13	AW	SW 8082
PCB-1232	ND	41	41	ug/Kg	08/20/13	AW	SW 8082
PCB-1242	ND	41	41	ug/Kg	08/20/13	AW	SW 8082
PCB-1248	ND	41	41	ug/Kg	08/20/13	AW	SW 8082
PCB-1254	ND	41	41	ug/Kg	08/20/13	AW	SW 8082
PCB-1260	ND	41	41	ug/Kg	08/20/13	AW	SW 8082
PCB-1262	ND	41	41	ug/Kg	08/20/13	AW	SW 8082
PCB-1268	ND	41	41	ug/Kg	08/20/13	AW	SW 8082

### QA/QC Surrogates

% DCBP	64			%	08/20/13	AW	30 - 150 %
% TCMX	75			%	08/20/13	AW	30 - 150 %

### Pesticides - Soil

4,4' -DDD	ND	3.0	3.0	ug/Kg	08/20/13	MH	SW8081
4,4' -DDE	ND	3.0	3.0	ug/Kg	08/20/13	MH	SW8081
4,4' -DDT	ND	3.0	3.0	ug/Kg	08/20/13	MH	SW8081
a-BHC	ND	2.0	2.0	ug/Kg	08/20/13	MH	SW8081
a-Chlordane	ND	4.1	4.1	ug/Kg	08/20/13	MH	SW8081
Aldrin	ND	2.0	2.0	ug/Kg	08/20/13	MH	SW8081
b-BHC	ND	2.0	2.0	ug/Kg	08/20/13	MH	SW8081
Chlordane	ND	24	24	ug/Kg	08/20/13	MH	SW8081
d-BHC	ND	2.0	2.0	ug/Kg	08/20/13	MH	SW8081
Dieldrin	ND	2.0	2.0	ug/Kg	08/20/13	MH	SW8081
Endosulfan I	ND	4.1	4.1	ug/Kg	08/20/13	MH	SW8081
Endosulfan II	ND	4.1	4.1	ug/Kg	08/20/13	MH	SW8081
Endosulfan sulfate	ND	4.1	4.1	ug/Kg	08/20/13	MH	SW8081
Endrin	ND	2.0	2.0	ug/Kg	08/20/13	MH	SW8081
Endrin aldehyde	ND	4.1	4.1	ug/Kg	08/20/13	MH	SW8081
Endrin ketone	ND	2.0	2.0	ug/Kg	08/20/13	MH	SW8081
g-BHC	ND	2.0	2.0	ug/Kg	08/20/13	MH	SW8081
g-Chlordane	ND	4.1	4.1	ug/Kg	08/20/13	MH	SW8081
Heptachlor	ND	2.0	2.0	ug/Kg	08/20/13	MH	SW8081
Heptachlor epoxide	ND	2.0	2.0	ug/Kg	08/20/13	MH	SW8081
Methoxychlor	ND	8.2	8.2	ug/Kg	08/20/13	MH	SW8081
Toxaphene	ND	39	39	ug/Kg	08/20/13	MH	SW8081

### QA/QC Surrogates

% DCBP	93			%	08/20/13	MH	30 - 150 %
% TCMX	68			%	08/20/13	MH	30 - 150 %

### Volatiles

1,1,1,2-Tetrachloroethane	ND	5.1	0.83	ug/Kg	08/19/13	R/J	SW8260
1,1,1-Trichloroethane	ND	5.1	1.0	ug/Kg	08/19/13	R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.1	0.72	ug/Kg	08/19/13	R/J	SW8260
1,1,2-Trichloroethane	ND	5.1	0.50	ug/Kg	08/19/13	R/J	SW8260
1,1-Dichloroethane	ND	5.1	1.0	ug/Kg	08/19/13	R/J	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	5.1	1.1	ug/Kg	08/19/13	R/J	SW8260
1,1-Dichloropropene	ND	5.1	0.98	ug/Kg	08/19/13	R/J	SW8260
1,2,3-Trichlorobenzene	ND	5.1	1.0	ug/Kg	08/19/13	R/J	SW8260
1,2,3-Trichloropropane	ND	5.1	0.72	ug/Kg	08/19/13	R/J	SW8260
1,2,4-Trichlorobenzene	ND	5.1	1.0	ug/Kg	08/19/13	R/J	SW8260
1,2,4-Trimethylbenzene	ND	5.1	0.73	ug/Kg	08/19/13	R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.1	1.4	ug/Kg	08/19/13	R/J	SW8260
1,2-Dibromoethane	ND	5.1	1.3	ug/Kg	08/19/13	R/J	SW8260
1,2-Dichlorobenzene	ND	5.1	0.56	ug/Kg	08/19/13	R/J	SW8260
1,2-Dichloroethane	ND	5.1	0.45	ug/Kg	08/19/13	R/J	SW8260
1,2-Dichloropropane	ND	5.1	0.72	ug/Kg	08/19/13	R/J	SW8260
1,3,5-Trimethylbenzene	ND	5.1	0.67	ug/Kg	08/19/13	R/J	SW8260
1,3-Dichlorobenzene	ND	5.1	0.75	ug/Kg	08/19/13	R/J	SW8260
1,3-Dichloropropane	ND	5.1	0.54	ug/Kg	08/19/13	R/J	SW8260
1,4-Dichlorobenzene	ND	5.1	0.80	ug/Kg	08/19/13	R/J	SW8260
2,2-Dichloropropane	ND	5.1	0.85	ug/Kg	08/19/13	R/J	SW8260
2-Chlorotoluene	ND	5.1	0.81	ug/Kg	08/19/13	R/J	SW8260
2-Hexanone	ND	25	2.3	ug/Kg	08/19/13	R/J	SW8260
2-Isopropyltoluene	ND	5.1	0.70	ug/Kg	08/19/13	R/J	SW8260
4-Chlorotoluene	ND	5.1	0.59	ug/Kg	08/19/13	R/J	SW8260
4-Methyl-2-pentanone	ND	25	1.2	ug/Kg	08/19/13	R/J	SW8260
Acetone	ND	25	5.0	ug/Kg	08/19/13	R/J	SW8260
Acrylonitrile	ND	10	2.8	ug/Kg	08/19/13	R/J	SW8260
Benzene	ND	5.1	1.0	ug/Kg	08/19/13	R/J	SW8260
Bromobenzene	ND	5.1	0.66	ug/Kg	08/19/13	R/J	SW8260
Bromochloromethane	ND	5.1	0.74	ug/Kg	08/19/13	R/J	SW8260
Bromodichloromethane	ND	5.1	0.63	ug/Kg	08/19/13	R/J	SW8260
Bromoform	ND	5.1	0.71	ug/Kg	08/19/13	R/J	SW8260
Bromomethane	ND	5.1	3.9	ug/Kg	08/19/13	R/J	SW8260
Carbon Disulfide	ND	5.1	0.82	ug/Kg	08/19/13	R/J	SW8260
Carbon tetrachloride	ND	5.1	0.59	ug/Kg	08/19/13	R/J	SW8260
Chlorobenzene	ND	5.1	0.75	ug/Kg	08/19/13	R/J	SW8260
Chloroethane	ND	5.1	1.2	ug/Kg	08/19/13	R/J	SW8260
Chloroform	ND	5.1	0.92	ug/Kg	08/19/13	R/J	SW8260
Chloromethane	ND	5.1	2.7	ug/Kg	08/19/13	R/J	SW8260
cis-1,2-Dichloroethene	ND	5.1	1.1	ug/Kg	08/19/13	R/J	SW8260
cis-1,3-Dichloropropene	ND	5.1	0.55	ug/Kg	08/19/13	R/J	SW8260
Dibromochloromethane	ND	5.1	0.57	ug/Kg	08/19/13	R/J	SW8260
Dibromomethane	ND	5.1	0.64	ug/Kg	08/19/13	R/J	SW8260
Dichlorodifluoromethane	ND	5.1	1.3	ug/Kg	08/19/13	R/J	SW8260
Ethylbenzene	ND	5.1	0.92	ug/Kg	08/19/13	R/J	SW8260
Hexachlorobutadiene	ND	5.1	1.1	ug/Kg	08/19/13	R/J	SW8260
Isopropylbenzene	ND	5.1	0.97	ug/Kg	08/19/13	R/J	SW8260
m&p-Xylene	ND	5.1	2.0	ug/Kg	08/19/13	R/J	SW8260
Methyl Ethyl Ketone	ND	30	4.4	ug/Kg	08/19/13	R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	10	1.4	ug/Kg	08/19/13	R/J	SW8260
Methylene chloride	ND	5.1	0.83	ug/Kg	08/19/13	R/J	SW8260
Naphthalene	ND	5.1	1.4	ug/Kg	08/19/13	R/J	SW8260
n-Butylbenzene	ND	5.1	0.92	ug/Kg	08/19/13	R/J	SW8260
n-Propylbenzene	ND	5.1	0.91	ug/Kg	08/19/13	R/J	SW8260

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
o-Xylene	ND	5.1	1.9	ug/Kg	08/19/13	R/J	SW8260
p-Isopropyltoluene	ND	5.1	0.73	ug/Kg	08/19/13	R/J	SW8260
sec-Butylbenzene	ND	5.1	0.95	ug/Kg	08/19/13	R/J	SW8260
Styrene	ND	5.1	1.5	ug/Kg	08/19/13	R/J	SW8260
tert-Butylbenzene	ND	5.1	0.81	ug/Kg	08/19/13	R/J	SW8260
Tetrachloroethene	ND	5.1	1.1	ug/Kg	08/19/13	R/J	SW8260
Tetrahydrofuran (THF)	ND	10	4.6	ug/Kg	08/19/13	R/J	SW8260
Toluene	ND	5.1	0.80	ug/Kg	08/19/13	R/J	SW8260
trans-1,2-Dichloroethene	ND	5.1	1.0	ug/Kg	08/19/13	R/J	SW8260
trans-1,3-Dichloropropene	ND	5.1	1.0	ug/Kg	08/19/13	R/J	SW8260
trans-1,4-dichloro-2-butene	ND	10	9.4	ug/Kg	08/19/13	R/J	SW8260
Trichloroethene	ND	5.1	1.1	ug/Kg	08/19/13	R/J	SW8260
Trichlorofluoromethane	ND	5.1	1.1	ug/Kg	08/19/13	R/J	SW8260
Trichlorotrifluoroethane	ND	5.1	0.79	ug/Kg	08/19/13	R/J	SW8260
Vinyl chloride	ND	5.1	1.6	ug/Kg	08/19/13	R/J	SW8260
<b><u>QA/QC Surrogates</u></b>							
% 1,2-dichlorobenzene-d4	104			%	08/19/13	R/J	70 - 121 %
% Bromofluorobenzene	94			%	08/19/13	R/J	59 - 113 %
% Dibromofluoromethane	107			%	08/19/13	R/J	70 - 130 %
% Toluene-d8	99			%	08/19/13	R/J	84 - 138 %
<b><u>Semivolatiles</u></b>							
1,2,4,5-Tetrachlorobenzene	ND	290	140	ug/Kg	08/20/13	DD	SW 8270
1,2,4-Trichlorobenzene	ND	290	120	ug/Kg	08/20/13	DD	SW 8270
1,2-Dichlorobenzene	ND	290	120	ug/Kg	08/20/13	DD	SW 8270
1,2-Diphenylhydrazine	ND	290	130	ug/Kg	08/20/13	DD	SW 8270
1,3-Dichlorobenzene	ND	290	120	ug/Kg	08/20/13	DD	SW 8270
1,4-Dichlorobenzene	ND	290	120	ug/Kg	08/20/13	DD	SW 8270
2,4,5-Trichlorophenol	ND	290	220	ug/Kg	08/20/13	DD	SW 8270
2,4,6-Trichlorophenol	ND	290	130	ug/Kg	08/20/13	DD	SW 8270
2,4-Dichlorophenol	ND	290	140	ug/Kg	08/20/13	DD	SW 8270
2,4-Dimethylphenol	ND	290	100	ug/Kg	08/20/13	DD	SW 8270
2,4-Dinitrophenol	ND	2000	290	ug/Kg	08/20/13	DD	SW 8270
2,4-Dinitrotoluene	ND	290	160	ug/Kg	08/20/13	DD	SW 8270
2,6-Dinitrotoluene	ND	290	130	ug/Kg	08/20/13	DD	SW 8270
2-Chloronaphthalene	ND	290	120	ug/Kg	08/20/13	DD	SW 8270
2-Chlorophenol	ND	290	120	ug/Kg	08/20/13	DD	SW 8270
2-Methylnaphthalene	ND	290	120	ug/Kg	08/20/13	DD	SW 8270
2-Methylphenol (o-cresol)	ND	290	190	ug/Kg	08/20/13	DD	SW 8270
2-Nitroaniline	ND	2000	410	ug/Kg	08/20/13	DD	SW 8270
2-Nitrophenol	ND	290	260	ug/Kg	08/20/13	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	290	160	ug/Kg	08/20/13	DD	SW 8270
3,3'-Dichlorobenzidine	ND	820	190	ug/Kg	08/20/13	DD	SW 8270
3-Nitroaniline	ND	2000	890	ug/Kg	08/20/13	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	2000	440	ug/Kg	08/20/13	DD	SW 8270
4-Bromophenyl phenyl ether	ND	290	120	ug/Kg	08/20/13	DD	SW 8270
4-Chloro-3-methylphenol	ND	290	140	ug/Kg	08/20/13	DD	SW 8270
4-Chloroaniline	ND	820	190	ug/Kg	08/20/13	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	290	140	ug/Kg	08/20/13	DD	SW 8270
4-Nitroaniline	ND	2000	140	ug/Kg	08/20/13	DD	SW 8270

Client ID: EP3

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitrophenol	ND	2000	190	ug/Kg	08/20/13	DD	SW 8270
Acenaphthene	ND	290	120	ug/Kg	08/20/13	DD	SW 8270
Acenaphthylene	ND	290	110	ug/Kg	08/20/13	DD	SW 8270
Acetophenone	ND	290	130	ug/Kg	08/20/13	DD	SW 8270
Aniline	ND	2000	830	ug/Kg	08/20/13	DD	SW 8270
Anthracene	ND	290	130	ug/Kg	08/20/13	DD	SW 8270
Benz(a)anthracene	170	J 290	140	ug/Kg	08/20/13	DD	SW 8270
Benzidine	ND	820	240	ug/Kg	08/20/13	DD	SW 8270
Benzo(a)pyrene	190	J 290	130	ug/Kg	08/20/13	DD	SW 8270
Benzo(b)fluoranthene	250	J 290	140	ug/Kg	08/20/13	DD	SW 8270
Benzo(ghi)perylene	ND	290	130	ug/Kg	08/20/13	DD	SW 8270
Benzo(k)fluoranthene	ND	290	140	ug/Kg	08/20/13	DD	SW 8270
Benzoic acid	ND	2000	820	ug/Kg	08/20/13	DD	SW 8270 10
Benzyl butyl phthalate	ND	290	110	ug/Kg	08/20/13	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	290	110	ug/Kg	08/20/13	DD	SW 8270
Bis(2-chloroethyl)ether	ND	290	110	ug/Kg	08/20/13	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	290	110	ug/Kg	08/20/13	DD	SW 8270 1
Bis(2-ethylhexyl)phthalate	ND	290	120	ug/Kg	08/20/13	DD	SW 8270
Carbazole	ND	2000	310	ug/Kg	08/20/13	DD	SW 8270
Chrysene	150	J 290	140	ug/Kg	08/20/13	DD	SW 8270
Dibenz(a,h)anthracene	ND	290	130	ug/Kg	08/20/13	DD	SW 8270
Dibenzofuran	ND	290	120	ug/Kg	08/20/13	DD	SW 8270
Diethyl phthalate	ND	290	130	ug/Kg	08/20/13	DD	SW 8270
Dimethylphthalate	ND	290	130	ug/Kg	08/20/13	DD	SW 8270
Di-n-butylphthalate	ND	290	110	ug/Kg	08/20/13	DD	SW 8270
Di-n-octylphthalate	ND	290	110	ug/Kg	08/20/13	DD	SW 8270
Fluoranthene	390	290	130	ug/Kg	08/20/13	DD	SW 8270
Fluorene	ND	290	140	ug/Kg	08/20/13	DD	SW 8270
Hexachlorobenzene	ND	290	120	ug/Kg	08/20/13	DD	SW 8270
Hexachlorobutadiene	ND	290	150	ug/Kg	08/20/13	DD	SW 8270
Hexachlorocyclopentadiene	ND	290	130	ug/Kg	08/20/13	DD	SW 8270
Hexachloroethane	ND	290	120	ug/Kg	08/20/13	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	290	140	ug/Kg	08/20/13	DD	SW 8270
Isophorone	ND	290	110	ug/Kg	08/20/13	DD	SW 8270
Naphthalene	ND	290	120	ug/Kg	08/20/13	DD	SW 8270
Nitrobenzene	ND	290	140	ug/Kg	08/20/13	DD	SW 8270
N-Nitrosodimethylamine	ND	290	120	ug/Kg	08/20/13	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	290	130	ug/Kg	08/20/13	DD	SW 8270
N-Nitrosodiphenylamine	ND	290	160	ug/Kg	08/20/13	DD	SW 8270
Pentachloronitrobenzene	ND	290	150	ug/Kg	08/20/13	DD	SW 8270
Pentachlorophenol	ND	290	150	ug/Kg	08/20/13	DD	SW 8270
Phenanthrene	190	J 290	120	ug/Kg	08/20/13	DD	SW 8270
Phenol	ND	290	130	ug/Kg	08/20/13	DD	SW 8270
Pyrene	310	290	140	ug/Kg	08/20/13	DD	SW 8270
Pyridine	ND	290	100	ug/Kg	08/20/13	DD	SW 8270
<b>QA/QC Surrogates</b>							
% 2,4,6-Tribromophenol	90			%	08/20/13	DD	19 - 122 %
% 2-Fluorobiphenyl	98			%	08/20/13	DD	30 - 115 %
% 2-Fluorophenol	142			%	08/20/13	DD	25 - 121 % 3
% Nitrobenzene-d5	84			%	08/20/13	DD	23 - 120 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Phenol-d5	98			%	08/20/13	DD	24 - 113 %
% Terphenyl-d14	132			%	08/20/13	DD	18 - 137 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

1O = This parameter is not certified by NY NELAC for this matrix.

3 = This parameter exceeds laboratory specified limits.

B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

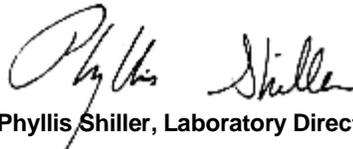
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

\* One of the surrogate recoveries was above the upper range due to sample matrix interference for the semivolatile analysis. The other surrogates associated with this sample were within QA/QC criteria. No significant bias is suspected.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**September 11, 2013**

**Reviewed and Released by: Bobbi Aloisa, Vice President**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 September 11, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

Date                      Time  
 08/16/13                      0:00  
 08/19/13                      15:22

Laboratory Data

SDG ID: GBF26269  
 Phoenix ID: BF26272

Project ID: 588 MYRTLE AVE., BROOKLYN  
 Client ID: EP4

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.36	0.36	0.22	mg/Kg	08/21/13	LK	SW6010
Aluminum	8110	36	7.2	mg/Kg	08/21/13	LK	SW6010
Arsenic	2.3	0.7	0.72	mg/Kg	08/21/13	LK	SW6010
Barium	57.7	0.7	0.14	mg/Kg	08/21/13	LK	SW6010
Beryllium	0.48	0.29	0.14	mg/Kg	08/21/13	LK	SW6010
Calcium	1570	3.6	3.3	mg/Kg	08/21/13	LK	SW6010
Cadmium	0.43	0.36	0.14	mg/Kg	08/21/13	LK	SW6010
Cobalt	8.63	0.36	0.14	mg/Kg	08/21/13	LK	SW6010
Chromium	27.3	0.36	0.14	mg/Kg	08/21/13	LK	SW6010
Copper	23.0	0.36	0.29	mg/kg	08/21/13	LK	SW6010
Iron	24300	* 36	36	mg/Kg	08/21/13	LK	SW6010
Mercury	0.14	0.07	0.04	mg/Kg	08/20/13	RS	SW-7471
Potassium	2160	N 7	2.8	mg/Kg	08/21/13	LK	SW6010
Magnesium	2970	3.6	0.22	mg/Kg	08/21/13	LK	SW6010
Manganese	620	3.6	1.4	mg/Kg	08/21/13	LK	SW6010
Sodium	111	7	3.1	mg/Kg	08/21/13	LK	SW6010
Nickel	16.6	0.36	0.14	mg/Kg	08/21/13	LK	SW6010
Lead	17.6	0.7	0.22	mg/Kg	08/21/13	LK	SW6010
Antimony	< 1.8	1.8	0.72	mg/Kg	08/21/13	LK	SW6010
Selenium	< 1.4	1.4	1.2	mg/Kg	08/21/13	LK	SW6010
Thallium	< 0.6	0.6	1.4	mg/Kg	08/21/13	LK	SW6010
Vanadium	36.7	0.4	0.14	mg/Kg	08/21/13	LK	SW6010
Zinc	53.5	0.7	0.36	mg/Kg	08/21/13	LK	SW6010
Percent Solid	82			%	08/19/13	w	E160.3
Soil Extraction for PCB	Completed				08/19/13	IJ	SW3545
Soil Extraction for Pesticide	Completed				08/19/13	IJ/V	SW3545
Soil Extraction for SVOA	Completed				08/19/13	JJ/FV	SW3545
Mercury Digestion	Completed				08/20/13	X/X	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				08/19/13	Z/AG	SW846 - 3050
Field Extraction	Completed				08/16/13		SW5035

### Polychlorinated Biphenyls

PCB-1016	ND	40	40	ug/Kg	08/20/13	AW	SW 8082
PCB-1221	ND	40	40	ug/Kg	08/20/13	AW	SW 8082
PCB-1232	ND	40	40	ug/Kg	08/20/13	AW	SW 8082
PCB-1242	ND	40	40	ug/Kg	08/20/13	AW	SW 8082
PCB-1248	ND	40	40	ug/Kg	08/20/13	AW	SW 8082
PCB-1254	ND	40	40	ug/Kg	08/20/13	AW	SW 8082
PCB-1260	ND	40	40	ug/Kg	08/20/13	AW	SW 8082
PCB-1262	ND	40	40	ug/Kg	08/20/13	AW	SW 8082
PCB-1268	ND	40	40	ug/Kg	08/20/13	AW	SW 8082

### QA/QC Surrogates

% DCBP	65			%	08/20/13	AW	30 - 150 %
% TCMX	76			%	08/20/13	AW	30 - 150 %

### Pesticides - Soil

4,4' -DDD	ND	2.9	2.9	ug/Kg	08/20/13	MH	SW8081
4,4' -DDE	ND	2.9	2.9	ug/Kg	08/20/13	MH	SW8081
4,4' -DDT	ND	2.9	2.9	ug/Kg	08/20/13	MH	SW8081
a-BHC	ND	2.0	2.0	ug/Kg	08/20/13	MH	SW8081
a-Chlordane	ND	4.0	4.0	ug/Kg	08/20/13	MH	SW8081
Aldrin	ND	2.0	2.0	ug/Kg	08/20/13	MH	SW8081
b-BHC	ND	2.0	2.0	ug/Kg	08/20/13	MH	SW8081
Chlordane	ND	24	24	ug/Kg	08/20/13	MH	SW8081
d-BHC	ND	2.0	2.0	ug/Kg	08/20/13	MH	SW8081
Dieldrin	ND	2.0	2.0	ug/Kg	08/20/13	MH	SW8081
Endosulfan I	ND	4.0	4.0	ug/Kg	08/20/13	MH	SW8081
Endosulfan II	ND	4.0	4.0	ug/Kg	08/20/13	MH	SW8081
Endosulfan sulfate	ND	4.0	4.0	ug/Kg	08/20/13	MH	SW8081
Endrin	ND	2.0	2.0	ug/Kg	08/20/13	MH	SW8081
Endrin aldehyde	ND	4.0	4.0	ug/Kg	08/20/13	MH	SW8081
Endrin ketone	ND	2.0	2.0	ug/Kg	08/20/13	MH	SW8081
g-BHC	ND	2.0	2.0	ug/Kg	08/20/13	MH	SW8081
g-Chlordane	ND	4.0	4.0	ug/Kg	08/20/13	MH	SW8081
Heptachlor	ND	2.0	2.0	ug/Kg	08/20/13	MH	SW8081
Heptachlor epoxide	ND	2.0	2.0	ug/Kg	08/20/13	MH	SW8081
Methoxychlor	ND	8.1	8.1	ug/Kg	08/20/13	MH	SW8081
Toxaphene	ND	39	39	ug/Kg	08/20/13	MH	SW8081

### QA/QC Surrogates

% DCBP	94			%	08/20/13	MH	30 - 150 %
% TCMX	67			%	08/20/13	MH	30 - 150 %

### Volatiles

1,1,1,2-Tetrachloroethane	ND	6.0	0.99	ug/Kg	08/19/13	R/J	SW8260
1,1,1-Trichloroethane	ND	6.0	1.2	ug/Kg	08/19/13	R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	6.0	0.86	ug/Kg	08/19/13	R/J	SW8260
1,1,2-Trichloroethane	ND	6.0	0.59	ug/Kg	08/19/13	R/J	SW8260
1,1-Dichloroethane	ND	6.0	1.2	ug/Kg	08/19/13	R/J	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	6.0	1.3	ug/Kg	08/19/13	R/J	SW8260
1,1-Dichloropropene	ND	6.0	1.2	ug/Kg	08/19/13	R/J	SW8260
1,2,3-Trichlorobenzene	ND	6.0	1.2	ug/Kg	08/19/13	R/J	SW8260
1,2,3-Trichloropropane	ND	6.0	0.86	ug/Kg	08/19/13	R/J	SW8260
1,2,4-Trichlorobenzene	ND	6.0	1.2	ug/Kg	08/19/13	R/J	SW8260
1,2,4-Trimethylbenzene	ND	6.0	0.87	ug/Kg	08/19/13	R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	6.0	1.6	ug/Kg	08/19/13	R/J	SW8260
1,2-Dibromoethane	ND	6.0	1.6	ug/Kg	08/19/13	R/J	SW8260
1,2-Dichlorobenzene	ND	6.0	0.66	ug/Kg	08/19/13	R/J	SW8260
1,2-Dichloroethane	ND	6.0	0.53	ug/Kg	08/19/13	R/J	SW8260
1,2-Dichloropropane	ND	6.0	0.86	ug/Kg	08/19/13	R/J	SW8260
1,3,5-Trimethylbenzene	ND	6.0	0.80	ug/Kg	08/19/13	R/J	SW8260
1,3-Dichlorobenzene	ND	6.0	0.89	ug/Kg	08/19/13	R/J	SW8260
1,3-Dichloropropane	ND	6.0	0.64	ug/Kg	08/19/13	R/J	SW8260
1,4-Dichlorobenzene	ND	6.0	0.95	ug/Kg	08/19/13	R/J	SW8260
2,2-Dichloropropane	ND	6.0	1.0	ug/Kg	08/19/13	R/J	SW8260
2-Chlorotoluene	ND	6.0	0.97	ug/Kg	08/19/13	R/J	SW8260
2-Hexanone	ND	30	2.7	ug/Kg	08/19/13	R/J	SW8260
2-Isopropyltoluene	ND	6.0	0.83	ug/Kg	08/19/13	R/J	SW8260
4-Chlorotoluene	ND	6.0	0.70	ug/Kg	08/19/13	R/J	SW8260
4-Methyl-2-pentanone	ND	30	1.4	ug/Kg	08/19/13	R/J	SW8260
Acetone	ND	30	6.0	ug/Kg	08/19/13	R/J	SW8260
Acrylonitrile	ND	12	3.4	ug/Kg	08/19/13	R/J	SW8260
Benzene	ND	6.0	1.2	ug/Kg	08/19/13	R/J	SW8260
Bromobenzene	ND	6.0	0.78	ug/Kg	08/19/13	R/J	SW8260
Bromochloromethane	ND	6.0	0.88	ug/Kg	08/19/13	R/J	SW8260
Bromodichloromethane	ND	6.0	0.75	ug/Kg	08/19/13	R/J	SW8260
Bromoform	ND	6.0	0.85	ug/Kg	08/19/13	R/J	SW8260
Bromomethane	ND	6.0	4.6	ug/Kg	08/19/13	R/J	SW8260
Carbon Disulfide	ND	6.0	0.98	ug/Kg	08/19/13	R/J	SW8260
Carbon tetrachloride	ND	6.0	0.70	ug/Kg	08/19/13	R/J	SW8260
Chlorobenzene	ND	6.0	0.89	ug/Kg	08/19/13	R/J	SW8260
Chloroethane	ND	6.0	1.4	ug/Kg	08/19/13	R/J	SW8260
Chloroform	ND	6.0	1.1	ug/Kg	08/19/13	R/J	SW8260
Chloromethane	ND	6.0	3.2	ug/Kg	08/19/13	R/J	SW8260
cis-1,2-Dichloroethene	ND	6.0	1.3	ug/Kg	08/19/13	R/J	SW8260
cis-1,3-Dichloropropene	ND	6.0	0.65	ug/Kg	08/19/13	R/J	SW8260
Dibromochloromethane	ND	6.0	0.68	ug/Kg	08/19/13	R/J	SW8260
Dibromomethane	ND	6.0	0.76	ug/Kg	08/19/13	R/J	SW8260
Dichlorodifluoromethane	ND	6.0	1.6	ug/Kg	08/19/13	R/J	SW8260
Ethylbenzene	ND	6.0	1.1	ug/Kg	08/19/13	R/J	SW8260
Hexachlorobutadiene	ND	6.0	1.3	ug/Kg	08/19/13	R/J	SW8260
Isopropylbenzene	ND	6.0	1.2	ug/Kg	08/19/13	R/J	SW8260
m&p-Xylene	ND	6.0	2.4	ug/Kg	08/19/13	R/J	SW8260
Methyl Ethyl Ketone	ND	36	5.2	ug/Kg	08/19/13	R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	12	1.7	ug/Kg	08/19/13	R/J	SW8260
Methylene chloride	ND	6.0	0.99	ug/Kg	08/19/13	R/J	SW8260
Naphthalene	ND	6.0	1.6	ug/Kg	08/19/13	R/J	SW8260
n-Butylbenzene	ND	6.0	1.1	ug/Kg	08/19/13	R/J	SW8260
n-Propylbenzene	ND	6.0	1.1	ug/Kg	08/19/13	R/J	SW8260

1

B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
o-Xylene	ND	6.0	2.3	ug/Kg	08/19/13	R/J	SW8260
p-Isopropyltoluene	ND	6.0	0.87	ug/Kg	08/19/13	R/J	SW8260
sec-Butylbenzene	ND	6.0	1.1	ug/Kg	08/19/13	R/J	SW8260
Styrene	ND	6.0	1.7	ug/Kg	08/19/13	R/J	SW8260
tert-Butylbenzene	ND	6.0	0.97	ug/Kg	08/19/13	R/J	SW8260
Tetrachloroethene	ND	6.0	1.3	ug/Kg	08/19/13	R/J	SW8260
Tetrahydrofuran (THF)	ND	12	5.4	ug/Kg	08/19/13	R/J	SW8260
Toluene	ND	6.0	0.95	ug/Kg	08/19/13	R/J	SW8260
trans-1,2-Dichloroethene	ND	6.0	1.2	ug/Kg	08/19/13	R/J	SW8260
trans-1,3-Dichloropropene	ND	6.0	1.2	ug/Kg	08/19/13	R/J	SW8260
trans-1,4-dichloro-2-butene	ND	12	11	ug/Kg	08/19/13	R/J	SW8260
Trichloroethene	ND	6.0	1.3	ug/Kg	08/19/13	R/J	SW8260
Trichlorofluoromethane	ND	6.0	1.3	ug/Kg	08/19/13	R/J	SW8260
Trichlorotrifluoroethane	ND	6.0	0.94	ug/Kg	08/19/13	R/J	SW8260
Vinyl chloride	ND	6.0	2.0	ug/Kg	08/19/13	R/J	SW8260
<b><u>QA/QC Surrogates</u></b>							
% 1,2-dichlorobenzene-d4	103			%	08/19/13	R/J	70 - 121 %
% Bromofluorobenzene	95			%	08/19/13	R/J	59 - 113 %
% Dibromofluoromethane	105			%	08/19/13	R/J	70 - 130 %
% Toluene-d8	99			%	08/19/13	R/J	84 - 138 %
<b><u>Semivolatiles</u></b>							
1,2,4,5-Tetrachlorobenzene	ND	280	140	ug/Kg	08/20/13	DD	SW 8270
1,2,4-Trichlorobenzene	ND	280	120	ug/Kg	08/20/13	DD	SW 8270
1,2-Dichlorobenzene	ND	280	110	ug/Kg	08/20/13	DD	SW 8270
1,2-Diphenylhydrazine	ND	280	130	ug/Kg	08/20/13	DD	SW 8270
1,3-Dichlorobenzene	ND	280	120	ug/Kg	08/20/13	DD	SW 8270
1,4-Dichlorobenzene	ND	280	120	ug/Kg	08/20/13	DD	SW 8270
2,4,5-Trichlorophenol	ND	280	220	ug/Kg	08/20/13	DD	SW 8270
2,4,6-Trichlorophenol	ND	280	130	ug/Kg	08/20/13	DD	SW 8270
2,4-Dichlorophenol	ND	280	140	ug/Kg	08/20/13	DD	SW 8270
2,4-Dimethylphenol	ND	280	99	ug/Kg	08/20/13	DD	SW 8270
2,4-Dinitrophenol	ND	2000	280	ug/Kg	08/20/13	DD	SW 8270
2,4-Dinitrotoluene	ND	280	160	ug/Kg	08/20/13	DD	SW 8270
2,6-Dinitrotoluene	ND	280	130	ug/Kg	08/20/13	DD	SW 8270
2-Chloronaphthalene	ND	280	110	ug/Kg	08/20/13	DD	SW 8270
2-Chlorophenol	ND	280	110	ug/Kg	08/20/13	DD	SW 8270
2-Methylnaphthalene	ND	280	120	ug/Kg	08/20/13	DD	SW 8270
2-Methylphenol (o-cresol)	ND	280	190	ug/Kg	08/20/13	DD	SW 8270
2-Nitroaniline	ND	2000	400	ug/Kg	08/20/13	DD	SW 8270
2-Nitrophenol	ND	280	250	ug/Kg	08/20/13	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	280	160	ug/Kg	08/20/13	DD	SW 8270
3,3'-Dichlorobenzidine	ND	800	190	ug/Kg	08/20/13	DD	SW 8270
3-Nitroaniline	ND	2000	870	ug/Kg	08/20/13	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	2000	430	ug/Kg	08/20/13	DD	SW 8270
4-Bromophenyl phenyl ether	ND	280	120	ug/Kg	08/20/13	DD	SW 8270
4-Chloro-3-methylphenol	ND	280	140	ug/Kg	08/20/13	DD	SW 8270
4-Chloroaniline	ND	800	190	ug/Kg	08/20/13	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	280	130	ug/Kg	08/20/13	DD	SW 8270
4-Nitroaniline	ND	2000	130	ug/Kg	08/20/13	DD	SW 8270

Client ID: EP4

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitrophenol	ND	2000	180	ug/Kg	08/20/13	DD	SW 8270
Acenaphthene	ND	280	120	ug/Kg	08/20/13	DD	SW 8270
Acenaphthylene	ND	280	110	ug/Kg	08/20/13	DD	SW 8270
Acetophenone	ND	280	120	ug/Kg	08/20/13	DD	SW 8270
Aniline	ND	2000	800	ug/Kg	08/20/13	DD	SW 8270
Anthracene	ND	280	130	ug/Kg	08/20/13	DD	SW 8270
Benz(a)anthracene	ND	280	130	ug/Kg	08/20/13	DD	SW 8270
Benzidine	ND	800	230	ug/Kg	08/20/13	DD	SW 8270
Benzo(a)pyrene	ND	280	130	ug/Kg	08/20/13	DD	SW 8270
Benzo(b)fluoranthene	150	J 280	140	ug/Kg	08/20/13	DD	SW 8270
Benzo(ghi)perylene	ND	280	130	ug/Kg	08/20/13	DD	SW 8270
Benzo(k)fluoranthene	ND	280	130	ug/Kg	08/20/13	DD	SW 8270
Benzoic acid	ND	2000	800	ug/Kg	08/20/13	DD	SW 8270
Benzyl butyl phthalate	ND	280	100	ug/Kg	08/20/13	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	280	110	ug/Kg	08/20/13	DD	SW 8270
Bis(2-chloroethyl)ether	ND	280	110	ug/Kg	08/20/13	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	280	110	ug/Kg	08/20/13	DD	SW 8270
Bis(2-ethylhexyl)phthalate	ND	280	110	ug/Kg	08/20/13	DD	SW 8270
Carbazole	ND	2000	300	ug/Kg	08/20/13	DD	SW 8270
Chrysene	ND	280	130	ug/Kg	08/20/13	DD	SW 8270
Dibenz(a,h)anthracene	ND	280	130	ug/Kg	08/20/13	DD	SW 8270
Dibenzofuran	ND	280	120	ug/Kg	08/20/13	DD	SW 8270
Diethyl phthalate	ND	280	130	ug/Kg	08/20/13	DD	SW 8270
Dimethylphthalate	ND	280	120	ug/Kg	08/20/13	DD	SW 8270
Di-n-butylphthalate	ND	280	110	ug/Kg	08/20/13	DD	SW 8270
Di-n-octylphthalate	ND	280	100	ug/Kg	08/20/13	DD	SW 8270
Fluoranthene	220	J 280	130	ug/Kg	08/20/13	DD	SW 8270
Fluorene	ND	280	130	ug/Kg	08/20/13	DD	SW 8270
Hexachlorobenzene	ND	280	120	ug/Kg	08/20/13	DD	SW 8270
Hexachlorobutadiene	ND	280	140	ug/Kg	08/20/13	DD	SW 8270
Hexachlorocyclopentadiene	ND	280	120	ug/Kg	08/20/13	DD	SW 8270
Hexachloroethane	ND	280	120	ug/Kg	08/20/13	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	280	130	ug/Kg	08/20/13	DD	SW 8270
Isophorone	ND	280	110	ug/Kg	08/20/13	DD	SW 8270
Naphthalene	ND	280	110	ug/Kg	08/20/13	DD	SW 8270
Nitrobenzene	ND	280	140	ug/Kg	08/20/13	DD	SW 8270
N-Nitrosodimethylamine	ND	280	110	ug/Kg	08/20/13	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	280	130	ug/Kg	08/20/13	DD	SW 8270
N-Nitrosodiphenylamine	ND	280	150	ug/Kg	08/20/13	DD	SW 8270
Pentachloronitrobenzene	ND	280	150	ug/Kg	08/20/13	DD	SW 8270
Pentachlorophenol	ND	280	150	ug/Kg	08/20/13	DD	SW 8270
Phenanthrene	160	J 280	110	ug/Kg	08/20/13	DD	SW 8270
Phenol	ND	280	130	ug/Kg	08/20/13	DD	SW 8270
Pyrene	180	J 280	140	ug/Kg	08/20/13	DD	SW 8270
Pyridine	ND	280	98	ug/Kg	08/20/13	DD	SW 8270
<b>QA/QC Surrogates</b>							
% 2,4,6-Tribromophenol	81			%	08/20/13	DD	19 - 122 %
% 2-Fluorobiphenyl	94			%	08/20/13	DD	30 - 115 %
% 2-Fluorophenol	81			%	08/20/13	DD	25 - 121 %
% Nitrobenzene-d5	77			%	08/20/13	DD	23 - 120 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Phenol-d5	96			%	08/20/13	DD	24 - 113 %
% Terphenyl-d14	98			%	08/20/13	DD	18 - 137 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

1O = This parameter is not certified by NY NELAC for this matrix.

B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

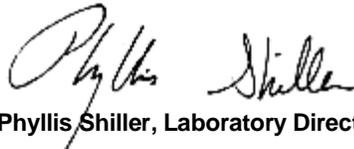
**Comments:**

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**September 11, 2013**

**Reviewed and Released by: Bobbi Aloisa, Vice President**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 September 11, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

Date                      Time  
 08/16/13                      0:00  
 08/19/13                      15:22

Laboratory Data

SDG ID: GBF26269  
 Phoenix ID: BF26273

Project ID: 588 MYRTLE AVE., BROOKLYN  
 Client ID: EP5

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.33	0.33	0.20	mg/Kg	08/21/13	LK	SW6010
Aluminum	8930	33	6.7	mg/Kg	08/21/13	LK	SW6010
Arsenic	4.4	0.7	0.67	mg/Kg	08/21/13	LK	SW6010
Barium	129	0.7	0.13	mg/Kg	08/21/13	LK	SW6010
Beryllium	0.49	0.27	0.13	mg/Kg	08/21/13	LK	SW6010
Calcium	8230	3.3	3.1	mg/Kg	08/21/13	LK	SW6010
Cadmium	9.08	0.33	0.13	mg/Kg	08/21/13	LK	SW6010
Cobalt	6.99	0.33	0.13	mg/Kg	08/21/13	LK	SW6010
Chromium	24.0	0.33	0.13	mg/Kg	08/21/13	LK	SW6010
Copper	34.9	0.33	0.27	mg/kg	08/21/13	LK	SW6010
Iron	22000	* 33	33	mg/Kg	08/21/13	LK	SW6010
Mercury	0.74	0.07	0.04	mg/Kg	08/20/13	RS	SW-7471
Potassium	1580	N 7	2.6	mg/Kg	08/21/13	LK	SW6010
Magnesium	3140	3.3	0.20	mg/Kg	08/21/13	LK	SW6010
Manganese	409	3.3	1.3	mg/Kg	08/21/13	LK	SW6010
Sodium	134	7	2.9	mg/Kg	08/21/13	LK	SW6010
Nickel	16.2	0.33	0.13	mg/Kg	08/21/13	LK	SW6010
Lead	186	6.7	2.0	mg/Kg	08/21/13	LK	SW6010
Antimony	< 1.7	1.7	0.67	mg/Kg	08/21/13	LK	SW6010
Selenium	< 1.3	1.3	1.1	mg/Kg	08/21/13	LK	SW6010
Thallium	< 0.5	0.5	1.3	mg/Kg	08/21/13	LK	SW6010
Vanadium	34.8	0.3	0.13	mg/Kg	08/21/13	LK	SW6010
Zinc	253	6.7	3.3	mg/Kg	08/21/13	LK	SW6010
Percent Solid	88			%	08/19/13	w	E160.3
Soil Extraction for PCB	Completed				08/19/13	IJ	SW3545
Soil Extraction for Pesticide	Completed				08/19/13	IJ/V	SW3545
Soil Extraction for SVOA	Completed				08/19/13	JJ/FV	SW3545
Mercury Digestion	Completed				08/20/13	X/X	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				08/19/13	Z/AG	SW846 - 3050
Field Extraction	Completed				08/16/13		SW5035

### Polychlorinated Biphenyls

PCB-1016	ND	37	37	ug/Kg	08/20/13	AW	SW 8082
PCB-1221	ND	37	37	ug/Kg	08/20/13	AW	SW 8082
PCB-1232	ND	37	37	ug/Kg	08/20/13	AW	SW 8082
PCB-1242	ND	37	37	ug/Kg	08/20/13	AW	SW 8082
PCB-1248	ND	37	37	ug/Kg	08/20/13	AW	SW 8082
PCB-1254	ND	37	37	ug/Kg	08/20/13	AW	SW 8082
PCB-1260	ND	37	37	ug/Kg	08/20/13	AW	SW 8082
PCB-1262	ND	37	37	ug/Kg	08/20/13	AW	SW 8082
PCB-1268	ND	37	37	ug/Kg	08/20/13	AW	SW 8082

### QA/QC Surrogates

% DCBP	64			%	08/20/13	AW	30 - 150 %
% TCMX	75			%	08/20/13	AW	30 - 150 %

### Pesticides - Soil

4,4' -DDD	ND	2.6	2.6	ug/Kg	08/20/13	MH	SW8081
4,4' -DDE	ND	2.6	2.6	ug/Kg	08/20/13	MH	SW8081
4,4' -DDT	ND	3.2	3.2	ug/Kg	08/20/13	MH	SW8081
a-BHC	ND	1.8	1.8	ug/Kg	08/20/13	MH	SW8081
a-Chlordane	ND	3.7	3.7	ug/Kg	08/20/13	MH	SW8081
Aldrin	ND	1.8	1.8	ug/Kg	08/20/13	MH	SW8081
b-BHC	ND	1.8	1.8	ug/Kg	08/20/13	MH	SW8081
Chlordane	ND	33	33	ug/Kg	08/20/13	MH	SW8081
d-BHC	ND	2.2	2.2	ug/Kg	08/20/13	MH	SW8081
Dieldrin	ND	1.8	1.8	ug/Kg	08/20/13	MH	SW8081
Endosulfan I	ND	3.7	3.7	ug/Kg	08/20/13	MH	SW8081
Endosulfan II	ND	3.7	3.7	ug/Kg	08/20/13	MH	SW8081
Endosulfan sulfate	ND	3.7	3.7	ug/Kg	08/20/13	MH	SW8081
Endrin	ND	1.8	1.8	ug/Kg	08/20/13	MH	SW8081
Endrin aldehyde	ND	3.7	3.7	ug/Kg	08/20/13	MH	SW8081
Endrin ketone	ND	1.8	1.8	ug/Kg	08/20/13	MH	SW8081
g-BHC	ND	1.8	1.8	ug/Kg	08/20/13	MH	SW8081
g-Chlordane	ND	3.7	3.7	ug/Kg	08/20/13	MH	SW8081
Heptachlor	ND	1.8	1.8	ug/Kg	08/20/13	MH	SW8081
Heptachlor epoxide	ND	4.4	4.4	ug/Kg	08/20/13	MH	SW8081
Methoxychlor	ND	7.4	7.4	ug/Kg	08/20/13	MH	SW8081
Toxaphene	ND	35	35	ug/Kg	08/20/13	MH	SW8081

### QA/QC Surrogates

% DCBP	89			%	08/20/13	MH	30 - 150 %
% TCMX	67			%	08/20/13	MH	30 - 150 %

### Volatiles

1,1,1,2-Tetrachloroethane	ND	7.9	1.3	ug/Kg	08/19/13	R/J	SW8260
1,1,1-Trichloroethane	ND	7.9	1.6	ug/Kg	08/19/13	R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	7.9	1.1	ug/Kg	08/19/13	R/J	SW8260
1,1,2-Trichloroethane	ND	7.9	0.77	ug/Kg	08/19/13	R/J	SW8260
1,1-Dichloroethane	ND	7.9	1.6	ug/Kg	08/19/13	R/J	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	7.9	1.7	ug/Kg	08/19/13	R/J	SW8260
1,1-Dichloropropene	ND	7.9	1.5	ug/Kg	08/19/13	R/J	SW8260
1,2,3-Trichlorobenzene	ND	7.9	1.6	ug/Kg	08/19/13	R/J	SW8260
1,2,3-Trichloropropane	ND	7.9	1.1	ug/Kg	08/19/13	R/J	SW8260
1,2,4-Trichlorobenzene	ND	7.9	1.6	ug/Kg	08/19/13	R/J	SW8260
1,2,4-Trimethylbenzene	ND	7.9	1.1	ug/Kg	08/19/13	R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	7.9	2.1	ug/Kg	08/19/13	R/J	SW8260
1,2-Dibromoethane	ND	7.9	2.1	ug/Kg	08/19/13	R/J	SW8260
1,2-Dichlorobenzene	ND	7.9	0.87	ug/Kg	08/19/13	R/J	SW8260
1,2-Dichloroethane	ND	7.9	0.70	ug/Kg	08/19/13	R/J	SW8260
1,2-Dichloropropane	ND	7.9	1.1	ug/Kg	08/19/13	R/J	SW8260
1,3,5-Trimethylbenzene	ND	7.9	1.0	ug/Kg	08/19/13	R/J	SW8260
1,3-Dichlorobenzene	ND	7.9	1.2	ug/Kg	08/19/13	R/J	SW8260
1,3-Dichloropropane	ND	7.9	0.84	ug/Kg	08/19/13	R/J	SW8260
1,4-Dichlorobenzene	ND	7.9	1.2	ug/Kg	08/19/13	R/J	SW8260
2,2-Dichloropropane	ND	7.9	1.3	ug/Kg	08/19/13	R/J	SW8260
2-Chlorotoluene	ND	7.9	1.3	ug/Kg	08/19/13	R/J	SW8260
2-Hexanone	ND	39	3.6	ug/Kg	08/19/13	R/J	SW8260
2-Isopropyltoluene	ND	7.9	1.1	ug/Kg	08/19/13	R/J	SW8260
4-Chlorotoluene	ND	7.9	0.92	ug/Kg	08/19/13	R/J	SW8260
4-Methyl-2-pentanone	ND	39	1.9	ug/Kg	08/19/13	R/J	SW8260
Acetone	ND	39	7.9	ug/Kg	08/19/13	R/J	SW8260
Acrylonitrile	ND	16	4.4	ug/Kg	08/19/13	R/J	SW8260
Benzene	ND	7.9	1.6	ug/Kg	08/19/13	R/J	SW8260
Bromobenzene	ND	7.9	1.0	ug/Kg	08/19/13	R/J	SW8260
Bromochloromethane	ND	7.9	1.2	ug/Kg	08/19/13	R/J	SW8260
Bromodichloromethane	ND	7.9	0.98	ug/Kg	08/19/13	R/J	SW8260
Bromoform	ND	7.9	1.1	ug/Kg	08/19/13	R/J	SW8260
Bromomethane	ND	7.9	6.1	ug/Kg	08/19/13	R/J	SW8260
Carbon Disulfide	ND	7.9	1.3	ug/Kg	08/19/13	R/J	SW8260
Carbon tetrachloride	ND	7.9	0.92	ug/Kg	08/19/13	R/J	SW8260
Chlorobenzene	ND	7.9	1.2	ug/Kg	08/19/13	R/J	SW8260
Chloroethane	ND	7.9	1.8	ug/Kg	08/19/13	R/J	SW8260
Chloroform	ND	7.9	1.4	ug/Kg	08/19/13	R/J	SW8260
Chloromethane	ND	7.9	4.1	ug/Kg	08/19/13	R/J	SW8260
cis-1,2-Dichloroethene	ND	7.9	1.7	ug/Kg	08/19/13	R/J	SW8260
cis-1,3-Dichloropropene	ND	7.9	0.85	ug/Kg	08/19/13	R/J	SW8260
Dibromochloromethane	ND	7.9	0.88	ug/Kg	08/19/13	R/J	SW8260
Dibromomethane	ND	7.9	1.0	ug/Kg	08/19/13	R/J	SW8260
Dichlorodifluoromethane	ND	7.9	2.1	ug/Kg	08/19/13	R/J	SW8260
Ethylbenzene	ND	7.9	1.4	ug/Kg	08/19/13	R/J	SW8260
Hexachlorobutadiene	ND	7.9	1.7	ug/Kg	08/19/13	R/J	SW8260
Isopropylbenzene	ND	7.9	1.5	ug/Kg	08/19/13	R/J	SW8260
m&p-Xylene	ND	7.9	3.1	ug/Kg	08/19/13	R/J	SW8260
Methyl Ethyl Ketone	ND	47	6.9	ug/Kg	08/19/13	R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	16	2.2	ug/Kg	08/19/13	R/J	SW8260
Methylene chloride	ND	7.9	1.3	ug/Kg	08/19/13	R/J	SW8260
Naphthalene	ND	7.9	2.1	ug/Kg	08/19/13	R/J	SW8260
n-Butylbenzene	ND	7.9	1.4	ug/Kg	08/19/13	R/J	SW8260
n-Propylbenzene	ND	7.9	1.4	ug/Kg	08/19/13	R/J	SW8260

1

B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
o-Xylene	ND	7.9	3.0	ug/Kg	08/19/13	R/J	SW8260
p-Isopropyltoluene	ND	7.9	1.1	ug/Kg	08/19/13	R/J	SW8260
sec-Butylbenzene	ND	7.9	1.5	ug/Kg	08/19/13	R/J	SW8260
Styrene	ND	7.9	2.3	ug/Kg	08/19/13	R/J	SW8260
tert-Butylbenzene	ND	7.9	1.3	ug/Kg	08/19/13	R/J	SW8260
Tetrachloroethene	ND	7.9	1.7	ug/Kg	08/19/13	R/J	SW8260
Tetrahydrofuran (THF)	ND	16	7.1	ug/Kg	08/19/13	R/J	SW8260
Toluene	ND	7.9	1.2	ug/Kg	08/19/13	R/J	SW8260
trans-1,2-Dichloroethene	ND	7.9	1.6	ug/Kg	08/19/13	R/J	SW8260
trans-1,3-Dichloropropene	ND	7.9	1.6	ug/Kg	08/19/13	R/J	SW8260
trans-1,4-dichloro-2-butene	ND	16	15	ug/Kg	08/19/13	R/J	SW8260
Trichloroethene	ND	7.9	1.7	ug/Kg	08/19/13	R/J	SW8260
Trichlorofluoromethane	ND	7.9	1.8	ug/Kg	08/19/13	R/J	SW8260
Trichlorotrifluoroethane	ND	7.9	1.2	ug/Kg	08/19/13	R/J	SW8260
Vinyl chloride	ND	7.9	2.6	ug/Kg	08/19/13	R/J	SW8260
<b><u>QA/QC Surrogates</u></b>							
% 1,2-dichlorobenzene-d4	100			%	08/19/13	R/J	70 - 121 %
% Bromofluorobenzene	92			%	08/19/13	R/J	59 - 113 %
% Dibromofluoromethane	108			%	08/19/13	R/J	70 - 130 %
% Toluene-d8	99			%	08/19/13	R/J	84 - 138 %
<b><u>Semivolatiles</u></b>							
1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	08/20/13	DD	SW 8270
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	08/20/13	DD	SW 8270
1,2-Dichlorobenzene	ND	260	100	ug/Kg	08/20/13	DD	SW 8270
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	08/20/13	DD	SW 8270
1,3-Dichlorobenzene	ND	260	110	ug/Kg	08/20/13	DD	SW 8270
1,4-Dichlorobenzene	ND	260	110	ug/Kg	08/20/13	DD	SW 8270
2,4,5-Trichlorophenol	ND	260	200	ug/Kg	08/20/13	DD	SW 8270
2,4,6-Trichlorophenol	ND	260	120	ug/Kg	08/20/13	DD	SW 8270
2,4-Dichlorophenol	ND	260	130	ug/Kg	08/20/13	DD	SW 8270
2,4-Dimethylphenol	ND	260	92	ug/Kg	08/20/13	DD	SW 8270
2,4-Dinitrophenol	ND	1900	260	ug/Kg	08/20/13	DD	SW 8270
2,4-Dinitrotoluene	ND	260	150	ug/Kg	08/20/13	DD	SW 8270
2,6-Dinitrotoluene	ND	260	120	ug/Kg	08/20/13	DD	SW 8270
2-Chloronaphthalene	ND	260	110	ug/Kg	08/20/13	DD	SW 8270
2-Chlorophenol	ND	260	110	ug/Kg	08/20/13	DD	SW 8270
2-Methylnaphthalene	ND	260	110	ug/Kg	08/20/13	DD	SW 8270
2-Methylphenol (o-cresol)	ND	260	170	ug/Kg	08/20/13	DD	SW 8270
2-Nitroaniline	ND	1900	370	ug/Kg	08/20/13	DD	SW 8270
2-Nitrophenol	ND	260	240	ug/Kg	08/20/13	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	260	150	ug/Kg	08/20/13	DD	SW 8270
3,3'-Dichlorobenzidine	ND	740	180	ug/Kg	08/20/13	DD	SW 8270
3-Nitroaniline	ND	1900	810	ug/Kg	08/20/13	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1900	400	ug/Kg	08/20/13	DD	SW 8270
4-Bromophenyl phenyl ether	ND	260	110	ug/Kg	08/20/13	DD	SW 8270
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	08/20/13	DD	SW 8270
4-Chloroaniline	ND	740	170	ug/Kg	08/20/13	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	260	120	ug/Kg	08/20/13	DD	SW 8270
4-Nitroaniline	ND	1900	120	ug/Kg	08/20/13	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitrophenol	ND	1900	170	ug/Kg	08/20/13	DD	SW 8270
Acenaphthene	140	J 260	110	ug/Kg	08/20/13	DD	SW 8270
Acenaphthylene	ND	260	100	ug/Kg	08/20/13	DD	SW 8270
Acetophenone	ND	260	120	ug/Kg	08/20/13	DD	SW 8270
Aniline	ND	1900	750	ug/Kg	08/20/13	DD	SW 8270
Anthracene	500	260	120	ug/Kg	08/20/13	DD	SW 8270
Benz(a)anthracene	1100	260	120	ug/Kg	08/20/13	DD	SW 8270
Benzidine	ND	740	220	ug/Kg	08/20/13	DD	SW 8270
Benzo(a)pyrene	840	260	120	ug/Kg	08/20/13	DD	SW 8270
Benzo(b)fluoranthene	1200	260	130	ug/Kg	08/20/13	DD	SW 8270
Benzo(ghi)perylene	270	260	120	ug/Kg	08/20/13	DD	SW 8270
Benzo(k)fluoranthene	400	260	120	ug/Kg	08/20/13	DD	SW 8270
Benzoic acid	ND	1900	740	ug/Kg	08/20/13	DD	SW 8270 10
Benzyl butyl phthalate	ND	260	96	ug/Kg	08/20/13	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	08/20/13	DD	SW 8270
Bis(2-chloroethyl)ether	ND	260	100	ug/Kg	08/20/13	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	260	100	ug/Kg	08/20/13	DD	SW 8270 1
Bis(2-ethylhexyl)phthalate	ND	260	110	ug/Kg	08/20/13	DD	SW 8270
Carbazole	ND	1900	280	ug/Kg	08/20/13	DD	SW 8270
Chrysene	790	260	120	ug/Kg	08/20/13	DD	SW 8270
Dibenz(a,h)anthracene	ND	260	120	ug/Kg	08/20/13	DD	SW 8270
Dibenzofuran	160	J 260	110	ug/Kg	08/20/13	DD	SW 8270
Diethyl phthalate	ND	260	120	ug/Kg	08/20/13	DD	SW 8270
Dimethylphthalate	ND	260	110	ug/Kg	08/20/13	DD	SW 8270
Di-n-butylphthalate	ND	260	99	ug/Kg	08/20/13	DD	SW 8270
Di-n-octylphthalate	ND	260	96	ug/Kg	08/20/13	DD	SW 8270
Fluoranthene	2000	260	120	ug/Kg	08/20/13	DD	SW 8270
Fluorene	150	J 260	120	ug/Kg	08/20/13	DD	SW 8270
Hexachlorobenzene	ND	260	110	ug/Kg	08/20/13	DD	SW 8270
Hexachlorobutadiene	ND	260	130	ug/Kg	08/20/13	DD	SW 8270
Hexachlorocyclopentadiene	ND	260	110	ug/Kg	08/20/13	DD	SW 8270
Hexachloroethane	ND	260	110	ug/Kg	08/20/13	DD	SW 8270
Indeno(1,2,3-cd)pyrene	280	260	120	ug/Kg	08/20/13	DD	SW 8270
Isophorone	ND	260	100	ug/Kg	08/20/13	DD	SW 8270
Naphthalene	ND	260	110	ug/Kg	08/20/13	DD	SW 8270
Nitrobenzene	ND	260	130	ug/Kg	08/20/13	DD	SW 8270
N-Nitrosodimethylamine	ND	260	100	ug/Kg	08/20/13	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	260	120	ug/Kg	08/20/13	DD	SW 8270
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	08/20/13	DD	SW 8270
Pentachloronitrobenzene	ND	260	140	ug/Kg	08/20/13	DD	SW 8270
Pentachlorophenol	ND	260	140	ug/Kg	08/20/13	DD	SW 8270
Phenanthrene	2100	260	110	ug/Kg	08/20/13	DD	SW 8270
Phenol	ND	260	120	ug/Kg	08/20/13	DD	SW 8270
Pyrene	1500	260	130	ug/Kg	08/20/13	DD	SW 8270
Pyridine	ND	260	91	ug/Kg	08/20/13	DD	SW 8270
<b>QA/QC Surrogates</b>							
% 2,4,6-Tribromophenol	80			%	08/20/13	DD	19 - 122 %
% 2-Fluorobiphenyl	85			%	08/20/13	DD	30 - 115 %
% 2-Fluorophenol	94			%	08/20/13	DD	25 - 121 %
% Nitrobenzene-d5	75			%	08/20/13	DD	23 - 120 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Phenol-d5	90			%	08/20/13	DD	24 - 113 %
% Terphenyl-d14	78			%	08/20/13	DD	18 - 137 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.  
1O = This parameter is not certified by NY NELAC for this matrix.  
B = Present in blank, no bias suspected.

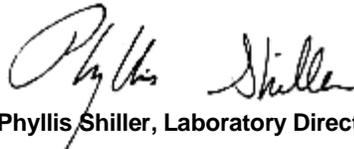
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.  
This report must not be reproduced except in full as defined by the attached chain of custody.



**Phyllis Shiller, Laboratory Director**

**September 11, 2013**

**Reviewed and Released by: Bobbi Aloisa, Vice President**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

September 11, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

### Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

### Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

Date: 08/16/13 0:00  
 08/19/13 15:22

## Laboratory Data

SDG ID: GBF26269  
 Phoenix ID: BF26274

Project ID: 588 MYRTLE AVE., BROOKLYN  
 Client ID: DUPLICATE

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.43	0.43	0.26	mg/Kg	08/21/13	LK	SW6010
Aluminum	12700	43	8.6	mg/Kg	08/21/13	LK	SW6010
Arsenic	4.1	0.9	0.86	mg/Kg	08/21/13	LK	SW6010
Barium	99.8	0.9	0.17	mg/Kg	08/21/13	LK	SW6010
Beryllium	0.81	0.34	0.17	mg/Kg	08/21/13	LK	SW6010
Calcium	2440	4.3	3.9	mg/Kg	08/21/13	LK	SW6010
Cadmium	0.59	0.43	0.17	mg/Kg	08/21/13	LK	SW6010
Cobalt	11.7	0.43	0.17	mg/Kg	08/21/13	LK	SW6010
Chromium	35.4	0.43	0.17	mg/Kg	08/21/13	LK	SW6010
Copper	34.3	0.43	0.34	mg/kg	08/21/13	LK	SW6010
Iron	30200	* 43	43	mg/Kg	08/21/13	LK	SW6010
Mercury	0.26	0.08	0.05	mg/Kg	08/20/13	RS	SW-7471
Potassium	3070	N 9	3.3	mg/Kg	08/21/13	LK	SW6010
Magnesium	5240	4.3	0.26	mg/Kg	08/21/13	LK	SW6010
Manganese	477	4.3	1.7	mg/Kg	08/21/13	LK	SW6010
Sodium	150	9	3.7	mg/Kg	08/21/13	LK	SW6010
Nickel	24.6	0.43	0.17	mg/Kg	08/21/13	LK	SW6010
Lead	37.7	0.9	0.26	mg/Kg	08/21/13	LK	SW6010
Antimony	< 2.1	2.1	0.86	mg/Kg	08/21/13	LK	SW6010
Selenium	< 1.7	1.7	1.5	mg/Kg	08/21/13	LK	SW6010
Thallium	< 0.7	0.7	1.7	mg/Kg	08/21/13	LK	SW6010
Vanadium	53.1	0.4	0.17	mg/Kg	08/21/13	LK	SW6010
Zinc	90.6	0.9	0.43	mg/Kg	08/21/13	LK	SW6010
Percent Solid	79			%	08/19/13	w	E160.3
Soil Extraction for PCB	Completed				08/19/13	IJ	SW3545
Soil Extraction for Pesticide	Completed				08/19/13	IJ/V	SW3545
Soil Extraction for SVOA	Completed				08/19/13	JJ/FV	SW3545
Mercury Digestion	Completed				08/20/13	X/X	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				08/19/13	Z/AG	SW846 - 3050
Field Extraction	Completed				08/16/13		SW5035

### Polychlorinated Biphenyls

PCB-1016	ND	41	41	ug/Kg	08/20/13	AW	SW 8082
PCB-1221	ND	41	41	ug/Kg	08/20/13	AW	SW 8082
PCB-1232	ND	41	41	ug/Kg	08/20/13	AW	SW 8082
PCB-1242	ND	41	41	ug/Kg	08/20/13	AW	SW 8082
PCB-1248	ND	41	41	ug/Kg	08/20/13	AW	SW 8082
PCB-1254	ND	41	41	ug/Kg	08/20/13	AW	SW 8082
PCB-1260	ND	41	41	ug/Kg	08/20/13	AW	SW 8082
PCB-1262	ND	41	41	ug/Kg	08/20/13	AW	SW 8082
PCB-1268	ND	41	41	ug/Kg	08/20/13	AW	SW 8082

### QA/QC Surrogates

% DCBP	63			%	08/20/13	AW	30 - 150 %
% TCMX	72			%	08/20/13	AW	30 - 150 %

### Pesticides - Soil

4,4' -DDD	ND	3.0	3.0	ug/Kg	08/20/13	MH	SW8081
4,4' -DDE	ND	3.0	3.0	ug/Kg	08/20/13	MH	SW8081
4,4' -DDT	ND	3.0	3.0	ug/Kg	08/20/13	MH	SW8081
a-BHC	ND	2.0	2.0	ug/Kg	08/20/13	MH	SW8081
a-Chlordane	ND	4.1	4.1	ug/Kg	08/20/13	MH	SW8081
Aldrin	ND	2.0	2.0	ug/Kg	08/20/13	MH	SW8081
b-BHC	ND	2.0	2.0	ug/Kg	08/20/13	MH	SW8081
Chlordane	ND	25	25	ug/Kg	08/20/13	MH	SW8081
d-BHC	ND	2.0	2.0	ug/Kg	08/20/13	MH	SW8081
Dieldrin	ND	2.0	2.0	ug/Kg	08/20/13	MH	SW8081
Endosulfan I	ND	4.1	4.1	ug/Kg	08/20/13	MH	SW8081
Endosulfan II	ND	4.1	4.1	ug/Kg	08/20/13	MH	SW8081
Endosulfan sulfate	ND	4.1	4.1	ug/Kg	08/20/13	MH	SW8081
Endrin	ND	2.0	2.0	ug/Kg	08/20/13	MH	SW8081
Endrin aldehyde	ND	4.1	4.1	ug/Kg	08/20/13	MH	SW8081
Endrin ketone	ND	2.0	2.0	ug/Kg	08/20/13	MH	SW8081
g-BHC	ND	2.0	2.0	ug/Kg	08/20/13	MH	SW8081
g-Chlordane	ND	4.1	4.1	ug/Kg	08/20/13	MH	SW8081
Heptachlor	ND	2.0	2.0	ug/Kg	08/20/13	MH	SW8081
Heptachlor epoxide	ND	2.0	2.0	ug/Kg	08/20/13	MH	SW8081
Methoxychlor	ND	8.2	8.2	ug/Kg	08/20/13	MH	SW8081
Toxaphene	ND	39	39	ug/Kg	08/20/13	MH	SW8081

### QA/QC Surrogates

% DCBP	96			%	08/20/13	MH	30 - 150 %
% TCMX	68			%	08/20/13	MH	30 - 150 %

### Volatiles

1,1,1,2-Tetrachloroethane	ND	6.3	1.0	ug/Kg	08/20/13	R/J	SW8260
1,1,1-Trichloroethane	ND	6.3	1.3	ug/Kg	08/20/13	R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	6.3	0.90	ug/Kg	08/20/13	R/J	SW8260
1,1,2-Trichloroethane	ND	6.3	0.62	ug/Kg	08/20/13	R/J	SW8260
1,1-Dichloroethane	ND	6.3	1.3	ug/Kg	08/20/13	R/J	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	6.3	1.4	ug/Kg	08/20/13	R/J	SW8260
1,1-Dichloropropene	ND	6.3	1.2	ug/Kg	08/20/13	R/J	SW8260
1,2,3-Trichlorobenzene	ND	6.3	1.3	ug/Kg	08/20/13	R/J	SW8260
1,2,3-Trichloropropane	ND	6.3	0.90	ug/Kg	08/20/13	R/J	SW8260
1,2,4-Trichlorobenzene	ND	6.3	1.3	ug/Kg	08/20/13	R/J	SW8260
1,2,4-Trimethylbenzene	ND	6.3	0.91	ug/Kg	08/20/13	R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	6.3	1.7	ug/Kg	08/20/13	R/J	SW8260
1,2-Dibromoethane	ND	6.3	1.7	ug/Kg	08/20/13	R/J	SW8260
1,2-Dichlorobenzene	ND	6.3	0.70	ug/Kg	08/20/13	R/J	SW8260
1,2-Dichloroethane	ND	6.3	0.56	ug/Kg	08/20/13	R/J	SW8260
1,2-Dichloropropane	ND	6.3	0.90	ug/Kg	08/20/13	R/J	SW8260
1,3,5-Trimethylbenzene	ND	6.3	0.84	ug/Kg	08/20/13	R/J	SW8260
1,3-Dichlorobenzene	ND	6.3	0.94	ug/Kg	08/20/13	R/J	SW8260
1,3-Dichloropropane	ND	6.3	0.67	ug/Kg	08/20/13	R/J	SW8260
1,4-Dichlorobenzene	ND	6.3	1.0	ug/Kg	08/20/13	R/J	SW8260
2,2-Dichloropropane	ND	6.3	1.1	ug/Kg	08/20/13	R/J	SW8260
2-Chlorotoluene	ND	6.3	1.0	ug/Kg	08/20/13	R/J	SW8260
2-Hexanone	ND	32	2.8	ug/Kg	08/20/13	R/J	SW8260
2-Isopropyltoluene	ND	6.3	0.87	ug/Kg	08/20/13	R/J	SW8260
4-Chlorotoluene	ND	6.3	0.73	ug/Kg	08/20/13	R/J	SW8260
4-Methyl-2-pentanone	ND	32	1.5	ug/Kg	08/20/13	R/J	SW8260
Acetone	ND	32	6.3	ug/Kg	08/20/13	R/J	SW8260
Acrylonitrile	ND	13	3.6	ug/Kg	08/20/13	R/J	SW8260
Benzene	ND	6.3	1.3	ug/Kg	08/20/13	R/J	SW8260
Bromobenzene	ND	6.3	0.82	ug/Kg	08/20/13	R/J	SW8260
Bromochloromethane	ND	6.3	0.92	ug/Kg	08/20/13	R/J	SW8260
Bromodichloromethane	ND	6.3	0.78	ug/Kg	08/20/13	R/J	SW8260
Bromoform	ND	6.3	0.89	ug/Kg	08/20/13	R/J	SW8260
Bromomethane	ND	6.3	4.9	ug/Kg	08/20/13	R/J	SW8260
Carbon Disulfide	ND	6.3	1.0	ug/Kg	08/20/13	R/J	SW8260
Carbon tetrachloride	ND	6.3	0.73	ug/Kg	08/20/13	R/J	SW8260
Chlorobenzene	ND	6.3	0.94	ug/Kg	08/20/13	R/J	SW8260
Chloroethane	ND	6.3	1.5	ug/Kg	08/20/13	R/J	SW8260
Chloroform	ND	6.3	1.2	ug/Kg	08/20/13	R/J	SW8260
Chloromethane	ND	6.3	3.3	ug/Kg	08/20/13	R/J	SW8260
cis-1,2-Dichloroethene	ND	6.3	1.4	ug/Kg	08/20/13	R/J	SW8260
cis-1,3-Dichloropropene	ND	6.3	0.68	ug/Kg	08/20/13	R/J	SW8260
Dibromochloromethane	ND	6.3	0.71	ug/Kg	08/20/13	R/J	SW8260
Dibromomethane	ND	6.3	0.80	ug/Kg	08/20/13	R/J	SW8260
Dichlorodifluoromethane	ND	6.3	1.7	ug/Kg	08/20/13	R/J	SW8260
Ethylbenzene	ND	6.3	1.2	ug/Kg	08/20/13	R/J	SW8260
Hexachlorobutadiene	ND	6.3	1.3	ug/Kg	08/20/13	R/J	SW8260
Isopropylbenzene	ND	6.3	1.2	ug/Kg	08/20/13	R/J	SW8260
m&p-Xylene	ND	6.3	2.5	ug/Kg	08/20/13	R/J	SW8260
Methyl Ethyl Ketone	ND	38	5.5	ug/Kg	08/20/13	R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	13	1.7	ug/Kg	08/20/13	R/J	SW8260
Methylene chloride	ND	6.3	1.0	ug/Kg	08/20/13	R/J	SW8260
Naphthalene	ND	6.3	1.7	ug/Kg	08/20/13	R/J	SW8260
n-Butylbenzene	ND	6.3	1.2	ug/Kg	08/20/13	R/J	SW8260
n-Propylbenzene	ND	6.3	1.1	ug/Kg	08/20/13	R/J	SW8260

1

B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
o-Xylene	ND	6.3	2.4	ug/Kg	08/20/13	R/J	SW8260
p-Isopropyltoluene	ND	6.3	0.91	ug/Kg	08/20/13	R/J	SW8260
sec-Butylbenzene	ND	6.3	1.2	ug/Kg	08/20/13	R/J	SW8260
Styrene	ND	6.3	1.8	ug/Kg	08/20/13	R/J	SW8260
tert-Butylbenzene	ND	6.3	1.0	ug/Kg	08/20/13	R/J	SW8260
Tetrachloroethene	ND	6.3	1.3	ug/Kg	08/20/13	R/J	SW8260
Tetrahydrofuran (THF)	ND	13	5.7	ug/Kg	08/20/13	R/J	SW8260
Toluene	ND	6.3	1.0	ug/Kg	08/20/13	R/J	SW8260
trans-1,2-Dichloroethene	ND	6.3	1.3	ug/Kg	08/20/13	R/J	SW8260
trans-1,3-Dichloropropene	ND	6.3	1.3	ug/Kg	08/20/13	R/J	SW8260
trans-1,4-dichloro-2-butene	ND	13	12	ug/Kg	08/20/13	R/J	SW8260
Trichloroethene	ND	6.3	1.3	ug/Kg	08/20/13	R/J	SW8260
Trichlorofluoromethane	ND	6.3	1.4	ug/Kg	08/20/13	R/J	SW8260
Trichlorotrifluoroethane	ND	6.3	0.99	ug/Kg	08/20/13	R/J	SW8260
Vinyl chloride	ND	6.3	2.1	ug/Kg	08/20/13	R/J	SW8260
<b><u>QA/QC Surrogates</u></b>							
% 1,2-dichlorobenzene-d4	101			%	08/20/13	R/J	70 - 121 %
% Bromofluorobenzene	96			%	08/20/13	R/J	59 - 113 %
% Dibromofluoromethane	104			%	08/20/13	R/J	70 - 130 %
% Toluene-d8	98			%	08/20/13	R/J	84 - 138 %
<b><u>Semivolatiles</u></b>							
1,2,4,5-Tetrachlorobenzene	ND	290	150	ug/Kg	08/20/13	DD	SW 8270
1,2,4-Trichlorobenzene	ND	290	120	ug/Kg	08/20/13	DD	SW 8270
1,2-Dichlorobenzene	ND	290	120	ug/Kg	08/20/13	DD	SW 8270
1,2-Diphenylhydrazine	ND	290	130	ug/Kg	08/20/13	DD	SW 8270
1,3-Dichlorobenzene	ND	290	120	ug/Kg	08/20/13	DD	SW 8270
1,4-Dichlorobenzene	ND	290	120	ug/Kg	08/20/13	DD	SW 8270
2,4,5-Trichlorophenol	ND	290	230	ug/Kg	08/20/13	DD	SW 8270
2,4,6-Trichlorophenol	ND	290	130	ug/Kg	08/20/13	DD	SW 8270
2,4-Dichlorophenol	ND	290	150	ug/Kg	08/20/13	DD	SW 8270
2,4-Dimethylphenol	ND	290	100	ug/Kg	08/20/13	DD	SW 8270
2,4-Dinitrophenol	ND	2100	290	ug/Kg	08/20/13	DD	SW 8270
2,4-Dinitrotoluene	ND	290	160	ug/Kg	08/20/13	DD	SW 8270
2,6-Dinitrotoluene	ND	290	130	ug/Kg	08/20/13	DD	SW 8270
2-Chloronaphthalene	ND	290	120	ug/Kg	08/20/13	DD	SW 8270
2-Chlorophenol	ND	290	120	ug/Kg	08/20/13	DD	SW 8270
2-Methylnaphthalene	ND	290	120	ug/Kg	08/20/13	DD	SW 8270
2-Methylphenol (o-cresol)	ND	290	190	ug/Kg	08/20/13	DD	SW 8270
2-Nitroaniline	ND	2100	420	ug/Kg	08/20/13	DD	SW 8270
2-Nitrophenol	ND	290	260	ug/Kg	08/20/13	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	290	160	ug/Kg	08/20/13	DD	SW 8270
3,3'-Dichlorobenzidine	ND	830	200	ug/Kg	08/20/13	DD	SW 8270
3-Nitroaniline	ND	2100	900	ug/Kg	08/20/13	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	2100	440	ug/Kg	08/20/13	DD	SW 8270
4-Bromophenyl phenyl ether	ND	290	120	ug/Kg	08/20/13	DD	SW 8270
4-Chloro-3-methylphenol	ND	290	150	ug/Kg	08/20/13	DD	SW 8270
4-Chloroaniline	ND	830	190	ug/Kg	08/20/13	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	290	140	ug/Kg	08/20/13	DD	SW 8270
4-Nitroaniline	ND	2100	140	ug/Kg	08/20/13	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitrophenol	ND	2100	190	ug/Kg	08/20/13	DD	SW 8270
Acenaphthene	ND	290	130	ug/Kg	08/20/13	DD	SW 8270
Acenaphthylene	ND	290	120	ug/Kg	08/20/13	DD	SW 8270
Acetophenone	ND	290	130	ug/Kg	08/20/13	DD	SW 8270
Aniline	ND	2100	840	ug/Kg	08/20/13	DD	SW 8270
Anthracene	ND	290	140	ug/Kg	08/20/13	DD	SW 8270
Benz(a)anthracene	230	J 290	140	ug/Kg	08/20/13	DD	SW 8270
Benzidine	ND	830	240	ug/Kg	08/20/13	DD	SW 8270
Benzo(a)pyrene	180	J 290	130	ug/Kg	08/20/13	DD	SW 8270
Benzo(b)fluoranthene	260	J 290	140	ug/Kg	08/20/13	DD	SW 8270
Benzo(ghi)perylene	ND	290	130	ug/Kg	08/20/13	DD	SW 8270
Benzo(k)fluoranthene	ND	290	140	ug/Kg	08/20/13	DD	SW 8270
Benzoic acid	ND	2100	830	ug/Kg	08/20/13	DD	SW 8270 10
Benzyl butyl phthalate	ND	290	110	ug/Kg	08/20/13	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	290	110	ug/Kg	08/20/13	DD	SW 8270
Bis(2-chloroethyl)ether	ND	290	110	ug/Kg	08/20/13	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	290	110	ug/Kg	08/20/13	DD	SW 8270 1
Bis(2-ethylhexyl)phthalate	ND	290	120	ug/Kg	08/20/13	DD	SW 8270
Carbazole	ND	2100	310	ug/Kg	08/20/13	DD	SW 8270
Chrysene	210	J 290	140	ug/Kg	08/20/13	DD	SW 8270
Dibenz(a,h)anthracene	ND	290	130	ug/Kg	08/20/13	DD	SW 8270
Dibenzofuran	ND	290	120	ug/Kg	08/20/13	DD	SW 8270
Diethyl phthalate	ND	290	130	ug/Kg	08/20/13	DD	SW 8270
Dimethylphthalate	ND	290	130	ug/Kg	08/20/13	DD	SW 8270
Di-n-butylphthalate	ND	290	110	ug/Kg	08/20/13	DD	SW 8270
Di-n-octylphthalate	ND	290	110	ug/Kg	08/20/13	DD	SW 8270
Fluoranthene	530	290	130	ug/Kg	08/20/13	DD	SW 8270
Fluorene	ND	290	140	ug/Kg	08/20/13	DD	SW 8270
Hexachlorobenzene	ND	290	120	ug/Kg	08/20/13	DD	SW 8270
Hexachlorobutadiene	ND	290	150	ug/Kg	08/20/13	DD	SW 8270
Hexachlorocyclopentadiene	ND	290	130	ug/Kg	08/20/13	DD	SW 8270
Hexachloroethane	ND	290	120	ug/Kg	08/20/13	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	290	140	ug/Kg	08/20/13	DD	SW 8270
Isophorone	ND	290	120	ug/Kg	08/20/13	DD	SW 8270
Naphthalene	ND	290	120	ug/Kg	08/20/13	DD	SW 8270
Nitrobenzene	ND	290	140	ug/Kg	08/20/13	DD	SW 8270
N-Nitrosodimethylamine	ND	290	120	ug/Kg	08/20/13	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	290	130	ug/Kg	08/20/13	DD	SW 8270
N-Nitrosodiphenylamine	ND	290	160	ug/Kg	08/20/13	DD	SW 8270
Pentachloronitrobenzene	ND	290	150	ug/Kg	08/20/13	DD	SW 8270
Pentachlorophenol	ND	290	160	ug/Kg	08/20/13	DD	SW 8270
Phenanthrene	490	290	120	ug/Kg	08/20/13	DD	SW 8270
Phenol	ND	290	130	ug/Kg	08/20/13	DD	SW 8270
Pyrene	470	290	140	ug/Kg	08/20/13	DD	SW 8270
Pyridine	ND	290	100	ug/Kg	08/20/13	DD	SW 8270
<b>QA/QC Surrogates</b>							
% 2,4,6-Tribromophenol	81			%	08/20/13	DD	19 - 122 %
% 2-Fluorobiphenyl	87			%	08/20/13	DD	30 - 115 %
% 2-Fluorophenol	103			%	08/20/13	DD	25 - 121 %
% Nitrobenzene-d5	77			%	08/20/13	DD	23 - 120 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Phenol-d5	89			%	08/20/13	DD	24 - 113 %
% Terphenyl-d14	116			%	08/20/13	DD	18 - 137 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

1O = This parameter is not certified by NY NELAC for this matrix.

B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

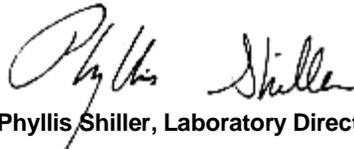
**Comments:**

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**September 11, 2013**

**Reviewed and Released by: Bobbi Aloisa, Vice President**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823



# Analysis Report

September 11, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

## Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

## Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

Date: 08/16/13  
 08/19/13  
 Time: 0:00  
 15:22

## Laboratory Data

SDG ID: GBF26269  
 Phoenix ID: BF26275

Project ID: 588 MYRTLE AVE., BROOKLYN  
 Client ID: HIGH TRIP BLANK

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Percent Solid	100	1		%	08/16/13		E160.3

## Volatiles

1,1,1,2-Tetrachloroethane	ND	250	41	ug/Kg	08/19/13	R/J	SW8260
1,1,1-Trichloroethane	ND	250	50	ug/Kg	08/19/13	R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	250	36	ug/Kg	08/19/13	R/J	SW8260
1,1,2-Trichloroethane	ND	250	25	ug/Kg	08/19/13	R/J	SW8260
1,1-Dichloroethane	ND	250	50	ug/Kg	08/19/13	R/J	SW8260
1,1-Dichloroethene	ND	250	55	ug/Kg	08/19/13	R/J	SW8260
1,1-Dichloropropene	ND	250	49	ug/Kg	08/19/13	R/J	SW8260
1,2,3-Trichlorobenzene	ND	250	50	ug/Kg	08/19/13	R/J	SW8260
1,2,3-Trichloropropane	ND	250	36	ug/Kg	08/19/13	R/J	SW8260
1,2,4-Trichlorobenzene	ND	250	50	ug/Kg	08/19/13	R/J	SW8260
1,2,4-Trimethylbenzene	ND	250	36	ug/Kg	08/19/13	R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	250	67	ug/Kg	08/19/13	R/J	SW8260
1,2-Dibromoethane	ND	250	67	ug/Kg	08/19/13	R/J	SW8260
1,2-Dichlorobenzene	ND	250	28	ug/Kg	08/19/13	R/J	SW8260
1,2-Dichloroethane	ND	250	22	ug/Kg	08/19/13	R/J	SW8260
1,2-Dichloropropane	ND	250	36	ug/Kg	08/19/13	R/J	SW8260
1,3,5-Trimethylbenzene	ND	250	33	ug/Kg	08/19/13	R/J	SW8260
1,3-Dichlorobenzene	ND	250	37	ug/Kg	08/19/13	R/J	SW8260
1,3-Dichloropropane	ND	250	27	ug/Kg	08/19/13	R/J	SW8260
1,4-Dichlorobenzene	ND	250	40	ug/Kg	08/19/13	R/J	SW8260
2,2-Dichloropropane	ND	250	42	ug/Kg	08/19/13	R/J	SW8260
2-Chlorotoluene	ND	250	40	ug/Kg	08/19/13	R/J	SW8260
2-Hexanone	ND	1300	110	ug/Kg	08/19/13	R/J	SW8260
2-Isopropyltoluene	ND	250	35	ug/Kg	08/19/13	R/J	SW8260
4-Chlorotoluene	ND	250	29	ug/Kg	08/19/13	R/J	SW8260
4-Methyl-2-pentanone	ND	1300	60	ug/Kg	08/19/13	R/J	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Acetone	ND	2500	250	ug/Kg	08/19/13	R/J	SW8260
Acrylonitrile	ND	500	140	ug/Kg	08/19/13	R/J	SW8260
Benzene	ND	250	50	ug/Kg	08/19/13	R/J	SW8260
Bromobenzene	ND	250	33	ug/Kg	08/19/13	R/J	SW8260
Bromochloromethane	ND	250	37	ug/Kg	08/19/13	R/J	SW8260
Bromodichloromethane	ND	250	31	ug/Kg	08/19/13	R/J	SW8260
Bromoform	ND	250	35	ug/Kg	08/19/13	R/J	SW8260
Bromomethane	ND	250	190	ug/Kg	08/19/13	R/J	SW8260
Carbon Disulfide	ND	250	41	ug/Kg	08/19/13	R/J	SW8260
Carbon tetrachloride	ND	250	29	ug/Kg	08/19/13	R/J	SW8260
Chlorobenzene	ND	250	37	ug/Kg	08/19/13	R/J	SW8260
Chloroethane	ND	250	59	ug/Kg	08/19/13	R/J	SW8260
Chloroform	ND	250	46	ug/Kg	08/19/13	R/J	SW8260
Chloromethane	ND	250	130	ug/Kg	08/19/13	R/J	SW8260
cis-1,2-Dichloroethene	ND	250	55	ug/Kg	08/19/13	R/J	SW8260
cis-1,3-Dichloropropene	ND	250	27	ug/Kg	08/19/13	R/J	SW8260
Dibromochloromethane	ND	250	28	ug/Kg	08/19/13	R/J	SW8260
Dibromomethane	ND	250	32	ug/Kg	08/19/13	R/J	SW8260
Dichlorodifluoromethane	ND	250	67	ug/Kg	08/19/13	R/J	SW8260
Ethylbenzene	ND	250	46	ug/Kg	08/19/13	R/J	SW8260
Hexachlorobutadiene	ND	250	53	ug/Kg	08/19/13	R/J	SW8260
Isopropylbenzene	ND	250	48	ug/Kg	08/19/13	R/J	SW8260
m&p-Xylene	ND	250	99	ug/Kg	08/19/13	R/J	SW8260
Methyl Ethyl Ketone	ND	1500	220	ug/Kg	08/19/13	R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	500	69	ug/Kg	08/19/13	R/J	SW8260
Methylene chloride	72	JS 250	41	ug/Kg	08/19/13	R/J	SW8260
Naphthalene	ND	250	67	ug/Kg	08/19/13	R/J	SW8260
n-Butylbenzene	ND	250	46	ug/Kg	08/19/13	R/J	SW8260
n-Propylbenzene	ND	250	45	ug/Kg	08/19/13	R/J	SW8260
o-Xylene	ND	250	96	ug/Kg	08/19/13	R/J	SW8260
p-Isopropyltoluene	ND	250	36	ug/Kg	08/19/13	R/J	SW8260
sec-Butylbenzene	ND	250	47	ug/Kg	08/19/13	R/J	SW8260
Styrene	ND	250	72	ug/Kg	08/19/13	R/J	SW8260
tert-Butylbenzene	ND	250	40	ug/Kg	08/19/13	R/J	SW8260
Tetrachloroethene	ND	250	53	ug/Kg	08/19/13	R/J	SW8260
Tetrahydrofuran (THF)	ND	500	230	ug/Kg	08/19/13	R/J	SW8260
Toluene	ND	250	40	ug/Kg	08/19/13	R/J	SW8260
trans-1,2-Dichloroethene	ND	250	50	ug/Kg	08/19/13	R/J	SW8260
trans-1,3-Dichloropropene	ND	250	51	ug/Kg	08/19/13	R/J	SW8260
trans-1,4-dichloro-2-butene	ND	500	460	ug/Kg	08/19/13	R/J	SW8260
Trichloroethene	ND	250	53	ug/Kg	08/19/13	R/J	SW8260
Trichlorofluoromethane	ND	250	56	ug/Kg	08/19/13	R/J	SW8260
Trichlorotrifluoroethane	ND	250	39	ug/Kg	08/19/13	R/J	SW8260
Vinyl chloride	ND	250	81	ug/Kg	08/19/13	R/J	SW8260
<b>QA/QC Surrogates</b>							
% 1,2-dichlorobenzene-d4	100			%	08/19/13	R/J	70 - 121 %
% Bromofluorobenzene	97			%	08/19/13	R/J	59 - 113 %
% Dibromofluoromethane	101			%	08/19/13	R/J	70 - 130 %
% Toluene-d8	98			%	08/19/13	R/J	84 - 138 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
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1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.  
B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

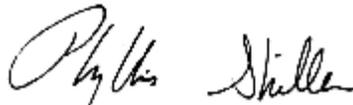
**Comments:**

TRIP BLANK INCLUDED 100% SOLID ASSUMED

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**September 11, 2013**

**Reviewed and Released by: Bobbi Aloisa, Vice President**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823



# Analysis Report

September 11, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

## Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

## Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

Date: 08/16/13  
 08/19/13  
 Time: 0:00  
 15:22

## Laboratory Data

SDG ID: GBF26269  
 Phoenix ID: BF26276

Project ID: 588 MYRTLE AVE., BROOKLYN  
 Client ID: LOW TRIP BLANK

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Percent Solid	100	1		%	08/16/13		E160.3
Field Extraction	Completed				08/16/13		SW5035

## Volatiles

1,1,1,2-Tetrachloroethane	ND	5.0	0.82	ug/Kg	08/19/13	R/J	SW8260
1,1,1-Trichloroethane	ND	5.0	1.0	ug/Kg	08/19/13	R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.0	0.71	ug/Kg	08/19/13	R/J	SW8260
1,1,2-Trichloroethane	ND	5.0	0.49	ug/Kg	08/19/13	R/J	SW8260
1,1-Dichloroethane	ND	5.0	0.99	ug/Kg	08/19/13	R/J	SW8260
1,1-Dichloroethene	ND	5.0	1.1	ug/Kg	08/19/13	R/J	SW8260
1,1-Dichloropropene	ND	5.0	0.97	ug/Kg	08/19/13	R/J	SW8260
1,2,3-Trichlorobenzene	ND	5.0	1.0	ug/Kg	08/19/13	R/J	SW8260
1,2,3-Trichloropropane	ND	5.0	0.71	ug/Kg	08/19/13	R/J	SW8260
1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/Kg	08/19/13	R/J	SW8260
1,2,4-Trimethylbenzene	ND	5.0	0.72	ug/Kg	08/19/13	R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.0	1.3	ug/Kg	08/19/13	R/J	SW8260
1,2-Dibromoethane	ND	5.0	1.3	ug/Kg	08/19/13	R/J	SW8260
1,2-Dichlorobenzene	ND	5.0	0.55	ug/Kg	08/19/13	R/J	SW8260
1,2-Dichloroethane	ND	5.0	0.44	ug/Kg	08/19/13	R/J	SW8260
1,2-Dichloropropane	ND	5.0	0.71	ug/Kg	08/19/13	R/J	SW8260
1,3,5-Trimethylbenzene	ND	5.0	0.66	ug/Kg	08/19/13	R/J	SW8260
1,3-Dichlorobenzene	ND	5.0	0.74	ug/Kg	08/19/13	R/J	SW8260
1,3-Dichloropropane	ND	5.0	0.53	ug/Kg	08/19/13	R/J	SW8260
1,4-Dichlorobenzene	ND	5.0	0.79	ug/Kg	08/19/13	R/J	SW8260
2,2-Dichloropropane	ND	5.0	0.84	ug/Kg	08/19/13	R/J	SW8260
2-Chlorotoluene	ND	5.0	0.80	ug/Kg	08/19/13	R/J	SW8260
2-Hexanone	ND	25	2.3	ug/Kg	08/19/13	R/J	SW8260
2-Isopropyltoluene	ND	5.0	0.69	ug/Kg	08/19/13	R/J	SW8260
4-Chlorotoluene	ND	5.0	0.58	ug/Kg	08/19/13	R/J	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Methyl-2-pentanone	ND	25	1.2	ug/Kg	08/19/13	R/J	SW8260
Acetone	ND	50	5.0	ug/Kg	08/19/13	R/J	SW8260
Acrylonitrile	ND	10	2.8	ug/Kg	08/19/13	R/J	SW8260
Benzene	ND	5.0	0.99	ug/Kg	08/19/13	R/J	SW8260
Bromobenzene	ND	5.0	0.65	ug/Kg	08/19/13	R/J	SW8260
Bromochloromethane	ND	5.0	0.73	ug/Kg	08/19/13	R/J	SW8260
Bromodichloromethane	ND	5.0	0.62	ug/Kg	08/19/13	R/J	SW8260
Bromoform	ND	5.0	0.70	ug/Kg	08/19/13	R/J	SW8260
Bromomethane	ND	5.0	3.9	ug/Kg	08/19/13	R/J	SW8260
Carbon Disulfide	ND	5.0	0.81	ug/Kg	08/19/13	R/J	SW8260
Carbon tetrachloride	ND	5.0	0.58	ug/Kg	08/19/13	R/J	SW8260
Chlorobenzene	ND	5.0	0.74	ug/Kg	08/19/13	R/J	SW8260
Chloroethane	ND	5.0	1.2	ug/Kg	08/19/13	R/J	SW8260
Chloroform	ND	5.0	0.91	ug/Kg	08/19/13	R/J	SW8260
Chloromethane	ND	5.0	2.6	ug/Kg	08/19/13	R/J	SW8260
cis-1,2-Dichloroethene	ND	5.0	1.1	ug/Kg	08/19/13	R/J	SW8260
cis-1,3-Dichloropropene	ND	5.0	0.54	ug/Kg	08/19/13	R/J	SW8260
Dibromochloromethane	ND	5.0	0.56	ug/Kg	08/19/13	R/J	SW8260
Dibromomethane	ND	5.0	0.63	ug/Kg	08/19/13	R/J	SW8260
Dichlorodifluoromethane	ND	5.0	1.3	ug/Kg	08/19/13	R/J	SW8260
Ethylbenzene	ND	5.0	0.91	ug/Kg	08/19/13	R/J	SW8260
Hexachlorobutadiene	ND	5.0	1.1	ug/Kg	08/19/13	R/J	SW8260
Isopropylbenzene	ND	5.0	0.96	ug/Kg	08/19/13	R/J	SW8260
m&p-Xylene	ND	5.0	2.0	ug/Kg	08/19/13	R/J	SW8260
Methyl Ethyl Ketone	ND	30	4.3	ug/Kg	08/19/13	R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	10	1.4	ug/Kg	08/19/13	R/J	SW8260
Methylene chloride	ND	5.0	0.82	ug/Kg	08/19/13	R/J	SW8260
Naphthalene	ND	5.0	1.3	ug/Kg	08/19/13	R/J	SW8260
n-Butylbenzene	ND	5.0	0.91	ug/Kg	08/19/13	R/J	SW8260
n-Propylbenzene	ND	5.0	0.90	ug/Kg	08/19/13	R/J	SW8260
o-Xylene	ND	5.0	1.9	ug/Kg	08/19/13	R/J	SW8260
p-Isopropyltoluene	ND	5.0	0.72	ug/Kg	08/19/13	R/J	SW8260
sec-Butylbenzene	ND	5.0	0.94	ug/Kg	08/19/13	R/J	SW8260
Styrene	ND	5.0	1.4	ug/Kg	08/19/13	R/J	SW8260
tert-Butylbenzene	ND	5.0	0.80	ug/Kg	08/19/13	R/J	SW8260
Tetrachloroethene	ND	5.0	1.1	ug/Kg	08/19/13	R/J	SW8260
Tetrahydrofuran (THF)	ND	10	4.5	ug/Kg	08/19/13	R/J	SW8260
Toluene	ND	5.0	0.79	ug/Kg	08/19/13	R/J	SW8260
trans-1,2-Dichloroethene	ND	5.0	1.0	ug/Kg	08/19/13	R/J	SW8260
trans-1,3-Dichloropropene	ND	5.0	1.0	ug/Kg	08/19/13	R/J	SW8260
trans-1,4-dichloro-2-butene	ND	10	9.3	ug/Kg	08/19/13	R/J	SW8260
Trichloroethene	ND	5.0	1.1	ug/Kg	08/19/13	R/J	SW8260
Trichlorofluoromethane	ND	5.0	1.1	ug/Kg	08/19/13	R/J	SW8260
Trichlorotrifluoroethane	ND	5.0	0.78	ug/Kg	08/19/13	R/J	SW8260
Vinyl chloride	ND	5.0	1.6	ug/Kg	08/19/13	R/J	SW8260
<b>QA/QC Surrogates</b>							
% 1,2-dichlorobenzene-d4	101			%	08/19/13	R/J	70 - 121 %
% Bromofluorobenzene	97			%	08/19/13	R/J	59 - 113 %
% Dibromofluoromethane	103			%	08/19/13	R/J	70 - 130 %
% Toluene-d8	100			%	08/19/13	R/J	84 - 138 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
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1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.  
B = Present in blank, no bias suspected.

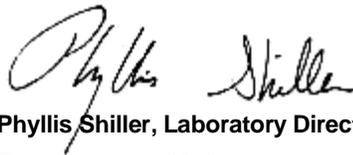
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

TRIP BLANK INCLUDED 100% SOLID ASSUMED

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.  
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**Phyllis Shiller, Laboratory Director**

**September 11, 2013**

**Reviewed and Released by: Bobbi Aloisa, Vice President**

# Sample Criteria Exceedences Report

## GBF26269 - EBC

Requested Criteria: 375, 375RRS, 375RS

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BF26269	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	21.7	0.32	1	1	mg/Kg
BF26270	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	39.3	0.41	1	1	mg/Kg
BF26271	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	26.9	0.43	1	1	mg/Kg
BF26272	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	27.3	0.36	1	1	mg/Kg
BF26273	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	1100	260	1000	1000	ug/Kg
BF26273	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	1100	260	1000	1000	ug/Kg
BF26273	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1100	260	1000	1000	ug/Kg
BF26273	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1200	260	1000	1000	ug/Kg
BF26273	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	1200	260	1000	1000	ug/Kg
BF26273	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1200	260	1000	1000	ug/Kg
BF26273	CD-SM	Cadmium	NY / 375-6.8 Metals / Residential	9.08	0.33	2.5	2.5	mg/Kg
BF26273	CD-SM	Cadmium	NY / 375-6.8 Metals / Residential Restricted	9.08	0.33	4.3	4.3	mg/Kg
BF26273	CD-SM	Cadmium	NY / 375-6.8 Metals / Unrestricted Use Soil	9.08	0.33	2.5	2.5	mg/Kg
BF26273	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	24.0	0.33	1	1	mg/Kg
BF26273	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.74	0.07	0.18	0.18	mg/Kg
BF26273	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	186	6.7	63	63	mg/Kg
BF26273	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	253	6.7	109	109	mg/Kg
BF26274	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	35.4	0.43	1	1	mg/Kg
BF26274	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.26	0.08	0.18	0.18	mg/Kg
BF26275	\$8260-SMDPR	Vinyl chloride	NY / 375-6.8 Volatiles / Residential	ND	250	210	210	ug/Kg
BF26275	\$8260-SMDPR	Vinyl chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	250	20	20	ug/Kg
BF26275	\$8260-SMDPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	2500	50	50	ug/Kg
BF26275	\$8260-SMDPR	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	72	250	50	50	ug/Kg
BF26275	\$8260-SMDPR	trans-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	250	190	190	ug/Kg
BF26275	\$8260-SMDPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1500	120	120	ug/Kg
BF26275	\$8260-SMDPR	Benzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	250	60	60	ug/Kg
BF26275	\$8260-SMDPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	250	20	20	ug/Kg

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



**Environmental Laboratories, Inc.**  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040  
Tel. (860) 645-1102 Fax (860) 645-0823



# NY ANALYTICAL SERVICES PROTOCOL

September 11, 2013

SDG I.D.: GBF26269

588 MYRTLE AVE., BROOKLYN EBC

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## Conformance / Non-Conformance Summary

### Semivolatile Organic Compounds

The samples were analyzed for a semivolatile list of compounds by GC/MS full scan.

Form 2: The surrogate recoveries for 2-Fluorophenol and Terphenyl-d14 for the sample EP3 (BF26271) were above acceptance criteria due to possible matrix interference. All other surrogates met criteria, so no further action was taken.

Form 3: Laboratory Criteria for the Lab Control Sample/Lab Control Sample Duplicate (LCS/LCSD) and Matrix Spike/Matrix Spike Duplicate (MS/MSD): 90% of compounds are within 30-130% and RPDs less than 30% (these limits are reflected on the form IIIs). All QC associated with this sample set met ASP criteria. Compounds with recoveries and/or RPDs outside laboratory control limits are flagged with an asterisk on form III.

Form 5: All DFTPP Tunes associated with this sample set met method criteria and sample analysis was performed within 12 hours of their injection.

Form 6: Initial calibration met ASP criteria for all target compounds (RSD and response factors) on CHEM06 on 08/19/13, with the following exceptions: The minimum RRF was not met for 2-Nitrophenol and Hexachlorobenzene. The minimum RRF was not met for Bis(2-chloroethoxy)methane for all points, but the average was achieved.

Initial calibration met ASP criteria for all target compounds (RSD and response factors) on CHEM09 on 08/16/13, with the following exceptions: The minimum RRF was not met for 2-Nitrophenol. The minimum RRF was not met for Hexachlorobenzene for all points, but the average was achieved.

Due to the instability of benzidine, a separate five level calibration is performed for this compound when detected in the samples. A standard is analyzed in each sequence for qualitative purposes.

Form 7: The continuing calibration standard on 0819\_10.D on CHEM06 met ASP criteria for all target compounds, with the following exceptions: The minimum RRF was not met for 2-Nitrophenol and Hexachlorobenzene. The closing continuing calibration standard on 0819\_32.D on CHEM06 met ASP criteria for all target compounds, with the following exceptions: The maximum %D was exceeded for Hexachlorocyclopentadiene, 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol, 3,3'-dichlorobenzidine and Benzo(ghi)perylene.

The continuing calibration standard on 0820\_02.D on CHEM09 met ASP criteria for all target compounds, with the following exceptions: The minimum RRF was not met for 2-Nitrophenol and Hexachlorobenzene. The closing continuing calibration standard on 0820\_10.D on CHEM09 met ASP criteria for all target compounds, with the following exceptions: The maximum %D was exceeded for Hexachlorocyclopentadiene, 2,4-Dinitrophenol and 4,6-Dinitro-2-methylphenol.

Form 8: All internal standard areas and retention times met method criteria for all samples and associated QC samples.

Observations: The client requested a shorter list of compounds than that provided in the raw data.

All compounds striked through on quantitation report are less than MDL for that compound.

No other observations are noted.

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# NY ANALYTICAL SERVICES PROTOCOL

September 11, 2013

SDG I.D.: GBF26269

588 MYRTLE AVE., BROOKLYN EBC

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## Conformance / Non-Conformance Summary

\_\_\_\_\_  
Jonathon Carlson  
Project Manager

Date



**Environmental Laboratories, Inc.**  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040  
Tel. (860) 645-1102 Fax (860) 645-0823



# NY ANALYTICAL SERVICES PROTOCOL

September 11, 2013

SDG I.D.: GBF26269

588 MYRTLE AVE., BROOKLYN EBC

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## Conformance / Non-Conformance Summary

### **Volatile Organic Compounds:**

Form 2: All sample and associated QC sample surrogate recoveries met method criteria.

Form 3: Laboratory Criteria for the Lab Control Sample/Lab Control Sample Duplicate (LCS/LCSD) and Matrix Spike (MS): 90% of compounds are within 70-130% for LCS/LCSD and RPDs less than 30% (these limits are reflected on the form IIIs).

All QC associated with this sample set met ASP criteria. When multiple MS compounds do not meet method criteria a matrix effect is suspected. No further action is required when the LCS/LCSD recoveries for those compounds are within criteria. Compounds with recoveries and/or RPDs outside laboratory control limits are flagged with an asterisk on form III.

Form 5: BFB Tunes met method criteria. All samples and closing standards were analyzed within 12 hours from their injection.

Form 6: The initial calibration analyzed on CHEM03 on 08/18/2013 met ASP criteria for all target compounds.

Form 7: The continuing calibration standard 0819L20.D on CHEM03 met ASP criteria for all target compounds. The closing continuing calibration standard 0819L50.D on CHEM03 met ASP criteria for all target compounds.

Form 8: All internal standard areas and retention times met method criteria.

Observations: The client requested the 8260 TCL compound list for this sample set.

All compounds struck through on quantitation report are less than MDL for that compound.

No other observations are noted.

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Jonathon Carlson  
Project Manager

Date

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Tel. (860) 645-1102 Fax (860) 645-0823



# NY Temperature Narration

September 11, 2013

SDG I.D.: GBF26269

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The samples in this delivery group were received at 4°C.  
(Note acceptance criteria is above freezing up to 6°C)



**APPENDIX F**

***Soil Disposal Request and Approval Letters***



April 24, 2013

Stephen F. Shapiro  
Vice President  
Soil Safe Solutions Group  
2545 Hempstead Turnpike, Ste 201  
East Meadow, NY 11554

**Re: *Facility Acceptance of Soil from  
586 Myrtle Avenue, Brooklyn, New York 11205  
NYCVCP Site No. 13CVCP108K***

Dear Mr. Shapiro:

Environmental Business Consultants (EBC) is seeking to verify the acceptance of soil from a construction site located at 586 Myrtle Avenue, Brooklyn, New York 11205, to the Malanka Landfill located in Secaucus, New Jersey. The remediation of the Site is being conducted under a governmental remediation program.

As shown in the attached test pit plan, six test pits were excavated at the site within the areas that require excavation for the new building's basements and rear courtyard. Based on the laboratory results of the waste characterization composite sample collected from 0 to 4 ft below grade, the top 4 feet of the property requires excavation and transport to a separate facility. Soil from 0 to 4 ft will be excavated and transported off-site prior to excavation of soil from the deeper interval.

However, the lab results for the waste characterization sample Comp 4-Basement indicates the soil is suitable for transport to Malanka. A copy of the laboratory report is attached for your records.

Please verify in writing that this material is acceptable under the terms and conditions of the Malanka Landfill operating permit. Please contact me if you have any questions or if anything requires further clarification.

Very truly yours,

Kevin Brussee  
Project Manager

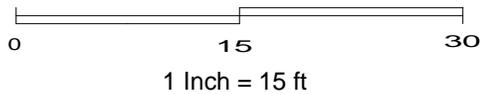
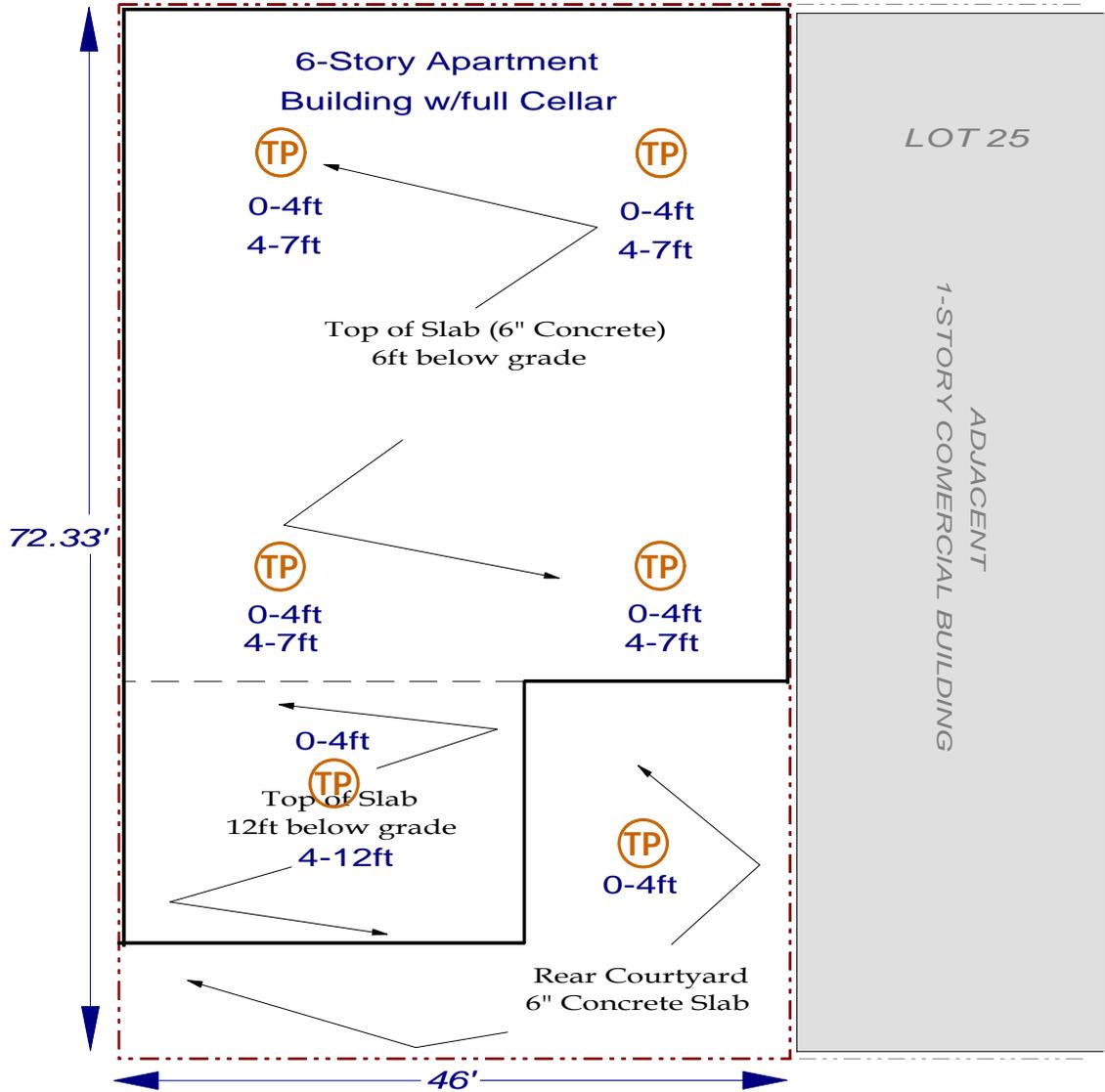


# MYRTLE AVENUE



SIDEWALK

CLASSON AVENUE



## KEY

 Site Boundary



Monday, February 25, 2013

Attn: Mr. Charles B. Sosik, P.G.  
Environmental Business Consultants  
1808 Middle Country Rd  
Ridge NY 11961-2406

Project ID: 588 MYRTLE AVE., BROOKLYN  
Sample ID#s: BD31152, BD31161, BD31163 - BD31168

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

Phyllis Shiller  
Laboratory Director

NELAC - #NY11301  
CT Lab Registration #PH-0618  
MA Lab Registration #MA-CT-007  
ME Lab Registration #CT-007  
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003  
NY Lab Registration #11301  
PA Lab Registration #68-03530  
RI Lab Registration #63  
VT Lab Registration #VT11301



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 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 February 25, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by: BM  
 Received by: LB  
 Analyzed by: see "By" below

Date                      Time  
 02/14/13                      8:00  
 02/15/13                      13:30

Laboratory Data

SDG ID: GBD31152  
 Phoenix ID: BD31152

Project ID: 588 MYRTLE AVE., BROOKLYN  
 Client ID: TP1 COMP 0-4

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Silver	0.59	0.36	mg/Kg	02/16/13	LK	SW6010
Aluminum	4980	54	mg/Kg	02/16/13	LK	SW6010
Arsenic	9.7	0.7	mg/Kg	02/16/13	LK	SW6010
Barium	1430	3.6	mg/Kg	02/16/13	LK	SW6010
Beryllium	0.35	0.29	mg/Kg	02/16/13	LK	SW6010
Calcium	22900	54	mg/Kg	02/16/13	LK	SW6010
Cadmium	2.60	0.36	mg/Kg	02/16/13	LK	SW6010
Cobalt	5.51	0.36	mg/Kg	02/16/13	LK	SW6010
Chromium	31.7	0.36	mg/Kg	02/16/13	LK	SW6010
Copper	176	3.6	mg/kg	02/16/13	LK	SW6010
Iron	20500	54	mg/Kg	02/16/13	LK	SW6010
Mercury	3.55	0.08	mg/Kg	02/18/13	RS	SW-7471
Potassium	912	5.4	mg/Kg	02/16/13	LK	SW6010
Magnesium	2600	5.4	mg/Kg	02/16/13	LK	SW6010
Manganese	266	3.6	mg/Kg	02/16/13	LK	SW6010
Sodium	170	5.4	mg/Kg	02/16/13	LK	SW6010
Nickel	19.1	0.36	mg/Kg	02/16/13	LK	SW6010
Lead	1940	36	mg/Kg	02/18/13	LK	SW6010
Antimony	3.7	3.6	mg/Kg	02/16/13	LK	SW6010
Selenium	< 1.5	1.5	mg/Kg	02/16/13	LK	SW6010
TCLP Silver	< 0.10	0.10	mg/L	02/18/13	LK	SW6010
TCLP Arsenic	< 0.10	0.10	mg/L	02/18/13	LK	SW6010
TCLP Barium	1.12	0.10	mg/L	02/18/13	LK	SW6010
TCLP Cadmium	< 0.050	0.050	mg/L	02/18/13	LK	SW6010
TCLP Chromium	< 0.10	0.10	mg/L	02/18/13	LK	SW6010
TCLP Mercury	< 0.0002	0.0002	mg/L	02/18/13	RS	SW7470
TCLP Lead	2.96	0.10	mg/L	02/18/13	LK	SW6010
TCLP Selenium	< 0.10	0.10	mg/L	02/18/13	LK	SW6010

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Thallium	< 0.6	0.6	mg/Kg	02/16/13	LK	SW6010
TCLP Metals Digestion	Completed			02/18/13	X/X	SW3005
Vanadium	51.8	0.36	mg/Kg	02/16/13	LK	SW6010
Zinc	1190	3.6	mg/Kg	02/16/13	LK	SW6010
Percent Solid	85		%	02/15/13	JL	E160.3
Corrosivity	Negative		Pos/Neg	02/15/13	DH/KDB	SW846 1
Flash Point	>200	200	degree F	02/16/13	Y	SW1010
Ignitability	Passed	140	degree F	02/16/13	Y	SW846 1
pH - Soil	9.26	0.10	pH Units	02/15/13 20:30	DH/KDB	4500-H B/9045 1
Reactivity Cyanide	< 5.8	5.8	mg/Kg	02/18/13	JL/GD	SW 846-7.3 1
Reactivity Sulfide	< 20	20	mg/Kg	02/18/13	JL/GD	SW846-7.3 1
Reactivity	Negative		Pos/Neg	02/18/13	JL/GD	SW 846-7.3 1
Total Cyanide	1.87	0.53	mg/Kg	02/17/13	O/GD	SW 9010/9012
Soil Extraction for PCB	Completed			02/15/13	PB	SW3545
Soil Extraction for Pesticide	Completed			02/15/13	PB/V	SW3545
Soil Extraction for SVOA	Completed			02/15/13	BJ/V	SW3545
Mercury Digestion	Completed			02/18/13	X/X	SW7471
Paint Filter Test	Passed		PASS/FAIL	02/15/13	S	SW9095
Soil Extraction for Herbicide	Completed			02/15/13	M/D	SW8151
TCLP Digestion Mercury	Completed			02/18/13	X/X	E1311/7470
TCLP Extraction for Metals	Completed			02/15/13	X	EPA 1311
Total Metals Digest	Completed			02/15/13	AG	SW846 - 3050
Field Extraction	Completed			02/14/13		SW5035

### Chlorinated Herbicides

2,4,5-T	ND	49	ug/Kg	02/17/13	JRB	SW8151
2,4,5-TP (Silvex)	ND	49	ug/Kg	02/17/13	JRB	SW8151
2,4-D	ND	49	ug/Kg	02/17/13	JRB	SW8151
2,4-DB	ND	490	ug/Kg	02/17/13	JRB	SW8151
Dalapon	ND	49	ug/Kg	02/17/13	JRB	SW8151
Dicamba	ND	98	ug/Kg	02/17/13	JRB	SW8151
Dichloroprop	ND	49	ug/Kg	02/17/13	JRB	SW8151
Dinoseb	ND	98	ug/Kg	02/17/13	JRB	SW8151

### QA/QC Surrogates

% DCAA	65		%	02/17/13	JRB	30 - 150 %
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### Polychlorinated Biphenyls

PCB-1016	ND	19000	ug/Kg	02/19/13	AW	SW 8082
PCB-1221	ND	19000	ug/Kg	02/19/13	AW	SW 8082
PCB-1232	ND	19000	ug/Kg	02/19/13	AW	SW 8082
PCB-1242	ND	19000	ug/Kg	02/19/13	AW	SW 8082
PCB-1248	ND	19000	ug/Kg	02/19/13	AW	SW 8082
PCB-1254	ND	19000	ug/Kg	02/19/13	AW	SW 8082
PCB-1260	36000	19000	ug/Kg	02/19/13	AW	SW 8082
PCB-1262	ND	19000	ug/Kg	02/19/13	AW	SW 8082
PCB-1268	ND	19000	ug/Kg	02/19/13	AW	SW 8082

### QA/QC Surrogates

% DCBP	Diluted Out		%	02/19/13	AW	30 - 150 %
% TCMX	Diluted Out		%	02/19/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
<b><u>Pesticides</u></b>						
4,4' -DDD	ND*	1800	ug/Kg	02/18/13	MH	SW8081
4,4' -DDE	ND*	1800	ug/Kg	02/18/13	MH	SW8081
4,4' -DDT	ND*	1800	ug/Kg	02/18/13	MH	SW8081
a-BHC	ND*	920	ug/Kg	02/18/13	MH	SW8081
Alachlor	ND*	920	ug/Kg	02/18/13	MH	SW8081
Aldrin	ND*	290	ug/Kg	02/18/13	MH	SW8081
b-BHC	ND*	920	ug/Kg	02/18/13	MH	SW8081
Chlordane	ND*	2900	ug/Kg	02/18/13	MH	SW8081
d-BHC	ND*	920	ug/Kg	02/18/13	MH	SW8081
Dieldrin	ND*	1100	ug/Kg	02/18/13	MH	SW8081
Endosulfan I	ND*	920	ug/Kg	02/18/13	MH	SW8081
Endosulfan II	ND*	1800	ug/Kg	02/18/13	MH	SW8081
Endosulfan sulfate	ND*	1800	ug/Kg	02/18/13	MH	SW8081
Endrin	ND*	1800	ug/Kg	02/18/13	MH	SW8081
Endrin aldehyde	ND*	1800	ug/Kg	02/18/13	MH	SW8081
Endrin ketone	ND*	1800	ug/Kg	02/18/13	MH	SW8081
g-BHC	ND*	290	ug/Kg	02/18/13	MH	SW8081
Heptachlor	ND*	570	ug/Kg	02/18/13	MH	SW8081
Heptachlor epoxide	ND*	920	ug/Kg	02/18/13	MH	SW8081
Methoxychlor	ND*	9200	ug/Kg	02/18/13	MH	SW8081
Toxaphene	ND*	9200	ug/Kg	02/18/13	MH	SW8081
<b><u>QA/QC Surrogates</u></b>						
% DCBP	Diluted Out		%	02/18/13	MH	30 - 150 %
% TCMX	Diluted Out		%	02/18/13	MH	30 - 150 %
<b><u>Volatiles</u></b>						
1,1,1,2-Tetrachloroethane	ND	5.9	ug/Kg	02/18/13	R/J	SW8260
1,1,1-Trichloroethane	ND	5.9	ug/Kg	02/18/13	R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	3.5	ug/Kg	02/18/13	R/J	SW8260
1,1,2-Trichloroethane	ND	5.9	ug/Kg	02/18/13	R/J	SW8260
1,1-Dichloroethane	ND	5.9	ug/Kg	02/18/13	R/J	SW8260
1,1-Dichloroethene	ND	5.9	ug/Kg	02/18/13	R/J	SW8260
1,1-Dichloropropene	ND	5.9	ug/Kg	02/18/13	R/J	SW8260
1,2,3-Trichlorobenzene	ND	5.9	ug/Kg	02/18/13	R/J	SW8260
1,2,3-Trichloropropane	ND	5.9	ug/Kg	02/18/13	R/J	SW8260
1,2,4-Trichlorobenzene	ND	5.9	ug/Kg	02/18/13	R/J	SW8260
1,2,4-Trimethylbenzene	ND	5.9	ug/Kg	02/18/13	R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.9	ug/Kg	02/18/13	R/J	SW8260
1,2-Dibromoethane	ND	5.9	ug/Kg	02/18/13	R/J	SW8260
1,2-Dichlorobenzene	ND	5.9	ug/Kg	02/18/13	R/J	SW8260
1,2-Dichloroethane	ND	5.9	ug/Kg	02/18/13	R/J	SW8260
1,2-Dichloropropane	ND	5.9	ug/Kg	02/18/13	R/J	SW8260
1,3,5-Trimethylbenzene	ND	5.9	ug/Kg	02/18/13	R/J	SW8260
1,3-Dichlorobenzene	ND	5.9	ug/Kg	02/18/13	R/J	SW8260
1,3-Dichloropropane	ND	5.9	ug/Kg	02/18/13	R/J	SW8260
1,4-Dichlorobenzene	ND	5.9	ug/Kg	02/18/13	R/J	SW8260
2,2-Dichloropropane	ND	5.9	ug/Kg	02/18/13	R/J	SW8260
2-Chlorotoluene	ND	5.9	ug/Kg	02/18/13	R/J	SW8260

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
2-Hexanone	ND	29	ug/Kg	02/18/13	R/J	SW8260
2-Isopropyltoluene	ND	5.9	ug/Kg	02/18/13	R/J	SW8260
4-Chlorotoluene	ND	5.9	ug/Kg	02/18/13	R/J	SW8260
4-Methyl-2-pentanone	ND	29	ug/Kg	02/18/13	R/J	SW8260
Acetone	ND	120	ug/Kg	02/18/13	R/J	SW8260
Acrylonitrile	ND	5.9	ug/Kg	02/18/13	R/J	SW8260
Benzene	ND	5.9	ug/Kg	02/18/13	R/J	SW8260
Bromobenzene	ND	5.9	ug/Kg	02/18/13	R/J	SW8260
Bromochloromethane	ND	5.9	ug/Kg	02/18/13	R/J	SW8260
Bromodichloromethane	ND	5.9	ug/Kg	02/18/13	R/J	SW8260
Bromoform	ND	5.9	ug/Kg	02/18/13	R/J	SW8260
Bromomethane	ND	5.9	ug/Kg	02/18/13	R/J	SW8260
Carbon Disulfide	ND	5.9	ug/Kg	02/18/13	R/J	SW8260
Carbon tetrachloride	ND	5.9	ug/Kg	02/18/13	R/J	SW8260
Chlorobenzene	ND	5.9	ug/Kg	02/18/13	R/J	SW8260
Chloroethane	ND	5.9	ug/Kg	02/18/13	R/J	SW8260
Chloroform	ND	12	ug/Kg	02/18/13	R/J	SW8260
Chloromethane	ND	5.9	ug/Kg	02/18/13	R/J	SW8260
cis-1,2-Dichloroethene	ND	5.9	ug/Kg	02/18/13	R/J	SW8260
cis-1,3-Dichloropropene	ND	5.9	ug/Kg	02/18/13	R/J	SW8260
Dibromochloromethane	ND	3.5	ug/Kg	02/18/13	R/J	SW8260
Dibromomethane	ND	5.9	ug/Kg	02/18/13	R/J	SW8260
Dichlorodifluoromethane	ND	5.9	ug/Kg	02/18/13	R/J	SW8260
Ethylbenzene	ND	5.9	ug/Kg	02/18/13	R/J	SW8260
Hexachlorobutadiene	ND	5.9	ug/Kg	02/18/13	R/J	SW8260
Isopropylbenzene	ND	5.9	ug/Kg	02/18/13	R/J	SW8260
m&p-Xylene	ND	5.9	ug/Kg	02/18/13	R/J	SW8260
Methyl Ethyl Ketone	ND	35	ug/Kg	02/18/13	R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	12	ug/Kg	02/18/13	R/J	SW8260
Methylene chloride	ND	5.9	ug/Kg	02/18/13	R/J	SW8260
Naphthalene	ND	5.9	ug/Kg	02/18/13	R/J	SW8260
n-Butylbenzene	ND	5.9	ug/Kg	02/18/13	R/J	SW8260
n-Propylbenzene	ND	5.9	ug/Kg	02/18/13	R/J	SW8260
o-Xylene	ND	5.9	ug/Kg	02/18/13	R/J	SW8260
p-Isopropyltoluene	ND	5.9	ug/Kg	02/18/13	R/J	SW8260
sec-Butylbenzene	ND	5.9	ug/Kg	02/18/13	R/J	SW8260
Styrene	ND	5.9	ug/Kg	02/18/13	R/J	SW8260
tert-Butylbenzene	ND	5.9	ug/Kg	02/18/13	R/J	SW8260
Tetrachloroethene	ND	5.9	ug/Kg	02/18/13	R/J	SW8260
Tetrahydrofuran (THF)	ND	12	ug/Kg	02/18/13	R/J	SW8260
Toluene	ND	5.9	ug/Kg	02/18/13	R/J	SW8260
Total Xylenes	ND	5.9	ug/Kg	02/18/13	R/J	SW8260
trans-1,2-Dichloroethene	ND	5.9	ug/Kg	02/18/13	R/J	SW8260
trans-1,3-Dichloropropene	ND	5.9	ug/Kg	02/18/13	R/J	SW8260
trans-1,4-dichloro-2-butene	ND	12	ug/Kg	02/18/13	R/J	SW8260
Trichloroethene	ND	5.9	ug/Kg	02/18/13	R/J	SW8260
Trichlorofluoromethane	ND	5.9	ug/Kg	02/18/13	R/J	SW8260
Trichlorotrifluoroethane	ND	5.9	ug/Kg	02/18/13	R/J	SW8260
Vinyl chloride	ND	5.9	ug/Kg	02/18/13	R/J	SW8260

**QA/QC Surrogates**

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% 1,2-dichlorobenzene-d4	105		%	02/18/13	R/J	70 - 130 %
% Bromofluorobenzene	84		%	02/18/13	R/J	70 - 130 %
% Dibromofluoromethane	112		%	02/18/13	R/J	70 - 130 %
% Toluene-d8	98		%	02/18/13	R/J	70 - 130 %
<b>Semivolatiles</b>						
1,2,4,5-Tetrachlorobenzene	ND	1400	ug/Kg	02/16/13	DD	SW 8270
1,2,4-Trichlorobenzene	ND	1400	ug/Kg	02/16/13	DD	SW 8270
1,2-Dichlorobenzene	ND	1400	ug/Kg	02/16/13	DD	SW 8270
1,2-Diphenylhydrazine	ND	1900	ug/Kg	02/16/13	DD	SW 8270
1,3-Dichlorobenzene	ND	1400	ug/Kg	02/16/13	DD	SW 8270
1,4-Dichlorobenzene	ND	1400	ug/Kg	02/16/13	DD	SW 8270
2,4,5-Trichlorophenol	ND	1400	ug/Kg	02/16/13	DD	SW 8270
2,4,6-Trichlorophenol	ND	1400	ug/Kg	02/16/13	DD	SW 8270
2,4-Dichlorophenol	ND	1400	ug/Kg	02/16/13	DD	SW 8270
2,4-Dimethylphenol	ND	1400	ug/Kg	02/16/13	DD	SW 8270
2,4-Dinitrophenol	ND	3100	ug/Kg	02/16/13	DD	SW 8270
2,4-Dinitrotoluene	ND	1400	ug/Kg	02/16/13	DD	SW 8270
2,6-Dinitrotoluene	ND	1400	ug/Kg	02/16/13	DD	SW 8270
2-Chloronaphthalene	ND	1400	ug/Kg	02/16/13	DD	SW 8270
2-Chlorophenol	ND	1400	ug/Kg	02/16/13	DD	SW 8270
2-Methylnaphthalene	2400	1400	ug/Kg	02/16/13	DD	SW 8270
2-Methylphenol (o-cresol)	ND	1400	ug/Kg	02/16/13	DD	SW 8270
2-Nitroaniline	ND	3100	ug/Kg	02/16/13	DD	SW 8270
2-Nitrophenol	ND	1400	ug/Kg	02/16/13	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	1900	ug/Kg	02/16/13	DD	SW 8270
3,3'-Dichlorobenzidine	ND	1400	ug/Kg	02/16/13	DD	SW 8270
3-Nitroaniline	ND	3100	ug/Kg	02/16/13	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	5600	ug/Kg	02/16/13	DD	SW 8270
4-Bromophenyl phenyl ether	ND	1900	ug/Kg	02/16/13	DD	SW 8270
4-Chloro-3-methylphenol	ND	1400	ug/Kg	02/16/13	DD	SW 8270
4-Chloroaniline	ND	1400	ug/Kg	02/16/13	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	1400	ug/Kg	02/16/13	DD	SW 8270
4-Nitroaniline	ND	3100	ug/Kg	02/16/13	DD	SW 8270
4-Nitrophenol	ND	5600	ug/Kg	02/16/13	DD	SW 8270
Acenaphthene	6200	1400	ug/Kg	02/16/13	DD	SW 8270
Acenaphthylene	1400	1400	ug/Kg	02/16/13	DD	SW 8270
Acetophenone	ND	1400	ug/Kg	02/16/13	DD	SW 8270
Aniline	ND	5600	ug/Kg	02/16/13	DD	SW 8270
Anthracene	17000	1400	ug/Kg	02/16/13	DD	SW 8270
Benz(a)anthracene	49000	1400	ug/Kg	02/16/13	DD	SW 8270
Benzidine	ND	2300	ug/Kg	02/16/13	DD	SW 8270
Benzo(a)pyrene	40000	1400	ug/Kg	02/16/13	DD	SW 8270
Benzo(b)fluoranthene	55000	1400	ug/Kg	02/16/13	DD	SW 8270
Benzo(ghi)perylene	25000	1400	ug/Kg	02/16/13	DD	SW 8270
Benzo(k)fluoranthene	14000	1400	ug/Kg	02/16/13	DD	SW 8270
Benzoic acid	ND	5600	ug/Kg	02/16/13	DD	SW 8270
Benzyl butyl phthalate	ND	1400	ug/Kg	02/16/13	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	1400	ug/Kg	02/16/13	DD	SW 8270
Bis(2-chloroethyl)ether	ND	1900	ug/Kg	02/16/13	DD	SW 8270

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Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Bis(2-chloroisopropyl)ether	ND	1400	ug/Kg	02/16/13	DD	SW 8270
Bis(2-ethylhexyl)phthalate	ND	1400	ug/Kg	02/16/13	DD	SW 8270
Carbazole	11000	2900	ug/Kg	02/16/13	DD	SW 8270
Chrysene	46000	1400	ug/Kg	02/16/13	DD	SW 8270
Dibenz(a,h)anthracene	7100	1400	ug/Kg	02/16/13	DD	SW 8270
Dibenzofuran	4700	1400	ug/Kg	02/16/13	DD	SW 8270
Diethyl phthalate	ND	1400	ug/Kg	02/16/13	DD	SW 8270
Dimethylphthalate	ND	1400	ug/Kg	02/16/13	DD	SW 8270
Di-n-butylphthalate	ND	1400	ug/Kg	02/16/13	DD	SW 8270
Di-n-octylphthalate	ND	1400	ug/Kg	02/16/13	DD	SW 8270
Fluoranthene	120000	1400	ug/Kg	02/16/13	DD	SW 8270
Fluorene	5500	1400	ug/Kg	02/16/13	DD	SW 8270
Hexachlorobenzene	ND	1400	ug/Kg	02/16/13	DD	SW 8270
Hexachlorobutadiene	ND	1400	ug/Kg	02/16/13	DD	SW 8270
Hexachlorocyclopentadiene	ND	1400	ug/Kg	02/16/13	DD	SW 8270
Hexachloroethane	ND	1400	ug/Kg	02/16/13	DD	SW 8270
Indeno(1,2,3-cd)pyrene	23000	1400	ug/Kg	02/16/13	DD	SW 8270
Isophorone	ND	1400	ug/Kg	02/16/13	DD	SW 8270
Naphthalene	4100	1400	ug/Kg	02/16/13	DD	SW 8270
Nitrobenzene	ND	1400	ug/Kg	02/16/13	DD	SW 8270
N-Nitrosodimethylamine	ND	1900	ug/Kg	02/16/13	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	1400	ug/Kg	02/16/13	DD	SW 8270
N-Nitrosodiphenylamine	ND	1900	ug/Kg	02/16/13	DD	SW 8270
Pentachloronitrobenzene	ND	1900	ug/Kg	02/16/13	DD	SW 8270
Pentachlorophenol	ND	1900	ug/Kg	02/16/13	DD	SW 8270
Phenanthrene	100000	1400	ug/Kg	02/16/13	DD	SW 8270
Phenol	ND	1400	ug/Kg	02/16/13	DD	SW 8270
Pyrene	100000	1400	ug/Kg	02/16/13	DD	SW 8270
Pyridine	ND	1900	ug/Kg	02/16/13	DD	SW 8270
<b><u>QA/QC Surrogates</u></b>						
% 2,4,6-Tribromophenol	105		%	02/16/13	DD	30 - 130 %
% 2-Fluorobiphenyl	81		%	02/16/13	DD	30 - 130 %
% 2-Fluorophenol	78		%	02/16/13	DD	30 - 130 %
% Nitrobenzene-d5	83		%	02/16/13	DD	30 - 130 %
% Phenol-d5	78		%	02/16/13	DD	30 - 130 %
% Terphenyl-d14	99		%	02/16/13	DD	30 - 130 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

1P = This parameter is pending certification by NY NELAC for this matrix.

1O = This parameter is not certified by NY NELAC for this matrix.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level

**Comments:**

Corrosivity is based solely on the pH analysis performed above.

Ignitability is based solely on the results of the closed cup flashpoint analysis performed above. Passed is >140 degree F.

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

The reactivity, reported above, is based only on the EPA Interim Guidance for Reactive Cyanide and Reactive Sulfide. This method is no longer listed in the current version of SW-846.

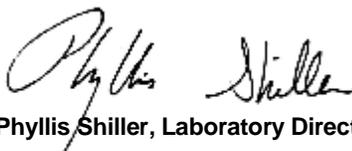
\* Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported for the semivolatile analysis.

\* For Pesticides, due to matrix interference caused by the presence of PCB's in the samples an elevated MDL was reported.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**February 25, 2013**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823



# Analysis Report

February 25, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by: BM  
 Received by: LB  
 Analyzed by: see "By" below

Date                      Time  
 02/14/13                      12:30  
 02/15/13                      13:30

## Laboratory Data

SDG ID: GBD31152  
 Phoenix ID: BD31161

Project ID: 588 MYRTLE AVE., BROOKLYN  
 Client ID: TP5 COMP 4-12

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Silver	< 0.39	0.39	mg/Kg	02/16/13	LK	SW6010
Aluminum	6630	59	mg/Kg	02/16/13	LK	SW6010
Arsenic	3.2	0.8	mg/Kg	02/16/13	LK	SW6010
Barium	154	0.39	mg/Kg	02/16/13	LK	SW6010
Beryllium	0.39	0.31	mg/Kg	02/16/13	LK	SW6010
Calcium	14800	59	mg/Kg	02/16/13	LK	SW6010
Cadmium	0.65	0.39	mg/Kg	02/16/13	LK	SW6010
Cobalt	6.33	0.39	mg/Kg	02/16/13	LK	SW6010
Chromium	14.8	0.39	mg/Kg	02/16/13	LK	SW6010
Copper	114	0.39	mg/kg	02/16/13	LK	SW6010
Iron	17200	59	mg/Kg	02/16/13	LK	SW6010
Mercury	0.34	0.07	mg/Kg	02/18/13	RS	SW-7471
Potassium	1250	5.9	mg/Kg	02/16/13	LK	SW6010
Magnesium	2380	5.9	mg/Kg	02/16/13	LK	SW6010
Manganese	271	3.9	mg/Kg	02/16/13	LK	SW6010
Sodium	92.8	5.9	mg/Kg	02/16/13	LK	SW6010
Nickel	12.2	0.39	mg/Kg	02/16/13	LK	SW6010
Lead	229	3.9	mg/Kg	02/16/13	LK	SW6010
Antimony	< 3.9	3.9	mg/Kg	02/16/13	LK	SW6010
Selenium	< 1.6	1.6	mg/Kg	02/16/13	LK	SW6010
TCLP Silver	< 0.10	0.10	mg/L	02/18/13	EK	SW6010
TCLP Arsenic	< 0.10	0.10	mg/L	02/18/13	EK	SW6010
TCLP Barium	0.97	0.10	mg/L	02/18/13	EK	SW6010
TCLP Cadmium	< 0.050	0.050	mg/L	02/18/13	EK	SW6010
TCLP Chromium	< 0.10	0.10	mg/L	02/18/13	EK	SW6010
TCLP Mercury	< 0.0002	0.0002	mg/L	02/18/13	RS	SW7470
TCLP Lead	0.48	0.10	mg/L	02/22/13	LK	SW6010
TCLP Selenium	< 0.10	0.10	mg/L	02/18/13	EK	SW6010

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Thallium	< 0.6	0.6	mg/Kg	02/16/13	LK	SW6010
TCLP Metals Digestion	Completed			02/22/13		SW3005
Vanadium	25.6	0.39	mg/Kg	02/16/13	LK	SW6010
Zinc	251	3.9	mg/Kg	02/16/13	LK	SW6010
Percent Solid	86		%	02/15/13	JL	E160.3
Corrosivity	Negative		Pos/Neg	02/15/13	DH/KDB	SW846 1
Flash Point	>200	200	degree F	02/18/13	Y	SW1010
Ignitability	Passed	140	degree F	02/18/13	Y	SW846 1
pH - Soil	8.70	0.10	pH Units	02/15/13 20:30	DH/KDB	4500-H B/9045 1
Reactivity Cyanide	< 5.6	5.6	mg/Kg	02/18/13	JL/GD	SW 846-7.3 1
Reactivity Sulfide	< 20	20	mg/Kg	02/18/13	JL/GD	SW846-7.3 1
Reactivity	Negative		Pos/Neg	02/18/13	JL/GD	SW 846-7.3 1
Total Cyanide	< 0.58	0.58	mg/Kg	02/17/13	O/GD	SW 9010/9012
Soil Extraction for PCB	Completed			02/15/13	PB	SW3545
Soil Extraction for Pesticide	Completed			02/15/13	PB/V	SW3545
Soil Extraction for SVOA	Completed			02/15/13	BJ/V	SW3545
Mercury Digestion	Completed			02/18/13	X/X	SW7471
Paint Filter Test	Passed		PASS/FAIL	02/15/13	S	SW9095
Soil Extraction for Herbicide	Completed			02/15/13	M/D	SW8151
TCLP Digestion Mercury	Completed			02/18/13	X/X	E1311/7470
TCLP Extraction for Metals	Completed			02/21/13	K	EPA 1311
Total Metals Digest	Completed			02/15/13	AG	SW846 - 3050
Field Extraction	Completed			02/14/13		SW5035

**Chlorinated Herbicides**

2,4,5-T	ND	48	ug/Kg	02/17/13	JRB	SW8151
2,4,5-TP (Silvex)	ND	48	ug/Kg	02/17/13	JRB	SW8151
2,4-D	ND	48	ug/Kg	02/17/13	JRB	SW8151
2,4-DB	ND	480	ug/Kg	02/17/13	JRB	SW8151
Dalapon	ND	48	ug/Kg	02/17/13	JRB	SW8151
Dicamba	ND	96	ug/Kg	02/17/13	JRB	SW8151
Dichloroprop	ND	48	ug/Kg	02/17/13	JRB	SW8151
Dinoseb	ND	96	ug/Kg	02/17/13	JRB	SW8151

**QA/QC Surrogates**

% DCAA	67		%	02/17/13	JRB	30 - 150 %
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**Polychlorinated Biphenyls**

PCB-1016	ND	380	ug/Kg	02/18/13	AW	SW 8082
PCB-1221	ND	380	ug/Kg	02/18/13	AW	SW 8082
PCB-1232	ND	380	ug/Kg	02/18/13	AW	SW 8082
PCB-1242	ND	380	ug/Kg	02/18/13	AW	SW 8082
PCB-1248	ND	380	ug/Kg	02/18/13	AW	SW 8082
PCB-1254	ND	380	ug/Kg	02/18/13	AW	SW 8082
PCB-1260	1000	380	ug/Kg	02/18/13	AW	SW 8082
PCB-1262	ND	380	ug/Kg	02/18/13	AW	SW 8082
PCB-1268	ND	380	ug/Kg	02/18/13	AW	SW 8082

**QA/QC Surrogates**

% DCBP	85		%	02/18/13	AW	30 - 150 %
% TCMX	91		%	02/18/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
<b><u>Pesticides</u></b>						
4,4' -DDD	ND	37	ug/Kg	02/18/13	MH	SW8081
4,4' -DDE	ND	37	ug/Kg	02/18/13	MH	SW8081
4,4' -DDT	ND	37	ug/Kg	02/18/13	MH	SW8081
a-BHC	ND	18	ug/Kg	02/18/13	MH	SW8081
Alachlor	ND	18	ug/Kg	02/18/13	MH	SW8081
Aldrin	ND	5.7	ug/Kg	02/18/13	MH	SW8081
b-BHC	ND	18	ug/Kg	02/18/13	MH	SW8081
Chlordane	ND	57	ug/Kg	02/18/13	MH	SW8081
d-BHC	ND	18	ug/Kg	02/18/13	MH	SW8081
Dieldrin	ND*	31	ug/Kg	02/18/13	MH	SW8081
Endosulfan I	ND	18	ug/Kg	02/18/13	MH	SW8081
Endosulfan II	ND	37	ug/Kg	02/18/13	MH	SW8081
Endosulfan sulfate	ND	37	ug/Kg	02/18/13	MH	SW8081
Endrin	ND	37	ug/Kg	02/18/13	MH	SW8081
Endrin aldehyde	ND	37	ug/Kg	02/18/13	MH	SW8081
Endrin ketone	ND	37	ug/Kg	02/18/13	MH	SW8081
g-BHC	ND	5.7	ug/Kg	02/18/13	MH	SW8081
Heptachlor	ND	11	ug/Kg	02/18/13	MH	SW8081
Heptachlor epoxide	ND	18	ug/Kg	02/18/13	MH	SW8081
Methoxychlor	ND	180	ug/Kg	02/18/13	MH	SW8081
Toxaphene	ND	180	ug/Kg	02/18/13	MH	SW8081
<b><u>QA/QC Surrogates</u></b>						
% DCBP	90		%	02/18/13	MH	30 - 150 %
% TCMX	92		%	02/18/13	MH	30 - 150 %
<b><u>Volatiles</u></b>						
1,1,1,2-Tetrachloroethane	ND	6.8	ug/Kg	02/15/13	R/J	SW8260
1,1,1-Trichloroethane	ND	6.8	ug/Kg	02/15/13	R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	4.1	ug/Kg	02/15/13	R/J	SW8260
1,1,2-Trichloroethane	ND	6.8	ug/Kg	02/15/13	R/J	SW8260
1,1-Dichloroethane	ND	6.8	ug/Kg	02/15/13	R/J	SW8260
1,1-Dichloroethene	ND	6.8	ug/Kg	02/15/13	R/J	SW8260
1,1-Dichloropropene	ND	6.8	ug/Kg	02/15/13	R/J	SW8260
1,2,3-Trichlorobenzene	ND	6.8	ug/Kg	02/15/13	R/J	SW8260
1,2,3-Trichloropropane	ND	6.8	ug/Kg	02/15/13	R/J	SW8260
1,2,4-Trichlorobenzene	ND	6.8	ug/Kg	02/15/13	R/J	SW8260
1,2,4-Trimethylbenzene	ND	6.8	ug/Kg	02/15/13	R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	6.8	ug/Kg	02/15/13	R/J	SW8260
1,2-Dibromoethane	ND	6.8	ug/Kg	02/15/13	R/J	SW8260
1,2-Dichlorobenzene	ND	6.8	ug/Kg	02/15/13	R/J	SW8260
1,2-Dichloroethane	ND	6.8	ug/Kg	02/15/13	R/J	SW8260
1,2-Dichloropropane	ND	6.8	ug/Kg	02/15/13	R/J	SW8260
1,3,5-Trimethylbenzene	ND	6.8	ug/Kg	02/15/13	R/J	SW8260
1,3-Dichlorobenzene	ND	6.8	ug/Kg	02/15/13	R/J	SW8260
1,3-Dichloropropane	ND	6.8	ug/Kg	02/15/13	R/J	SW8260
1,4-Dichlorobenzene	ND	6.8	ug/Kg	02/15/13	R/J	SW8260
2,2-Dichloropropane	ND	6.8	ug/Kg	02/15/13	R/J	SW8260
2-Chlorotoluene	ND	6.8	ug/Kg	02/15/13	R/J	SW8260

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
2-Hexanone	ND	34	ug/Kg	02/15/13	R/J	SW8260
2-Isopropyltoluene	ND	6.8	ug/Kg	02/15/13	R/J	SW8260
4-Chlorotoluene	ND	6.8	ug/Kg	02/15/13	R/J	SW8260
4-Methyl-2-pentanone	ND	34	ug/Kg	02/15/13	R/J	SW8260
Acetone	ND	140	ug/Kg	02/15/13	R/J	SW8260
Acrylonitrile	ND	6.8	ug/Kg	02/15/13	R/J	SW8260
Benzene	ND	6.8	ug/Kg	02/15/13	R/J	SW8260
Bromobenzene	ND	6.8	ug/Kg	02/15/13	R/J	SW8260
Bromochloromethane	ND	6.8	ug/Kg	02/15/13	R/J	SW8260
Bromodichloromethane	ND	6.8	ug/Kg	02/15/13	R/J	SW8260
Bromoform	ND	6.8	ug/Kg	02/15/13	R/J	SW8260
Bromomethane	ND	6.8	ug/Kg	02/15/13	R/J	SW8260
Carbon Disulfide	ND	6.8	ug/Kg	02/15/13	R/J	SW8260
Carbon tetrachloride	ND	6.8	ug/Kg	02/15/13	R/J	SW8260
Chlorobenzene	ND	6.8	ug/Kg	02/15/13	R/J	SW8260
Chloroethane	ND	6.8	ug/Kg	02/15/13	R/J	SW8260
Chloroform	ND	6.8	ug/Kg	02/15/13	R/J	SW8260
Chloromethane	ND	6.8	ug/Kg	02/15/13	R/J	SW8260
cis-1,2-Dichloroethene	ND	6.8	ug/Kg	02/15/13	R/J	SW8260
cis-1,3-Dichloropropene	ND	6.8	ug/Kg	02/15/13	R/J	SW8260
Dibromochloromethane	ND	4.1	ug/Kg	02/15/13	R/J	SW8260
Dibromomethane	ND	6.8	ug/Kg	02/15/13	R/J	SW8260
Dichlorodifluoromethane	ND	6.8	ug/Kg	02/15/13	R/J	SW8260
Ethylbenzene	ND	6.8	ug/Kg	02/15/13	R/J	SW8260
Hexachlorobutadiene	ND	6.8	ug/Kg	02/15/13	R/J	SW8260
Isopropylbenzene	ND	6.8	ug/Kg	02/15/13	R/J	SW8260
m&p-Xylene	ND	6.8	ug/Kg	02/15/13	R/J	SW8260
Methyl Ethyl Ketone	ND	41	ug/Kg	02/15/13	R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	14	ug/Kg	02/15/13	R/J	SW8260
Methylene chloride	ND	6.8	ug/Kg	02/15/13	R/J	SW8260
Naphthalene	ND	6.8	ug/Kg	02/15/13	R/J	SW8260
n-Butylbenzene	ND	6.8	ug/Kg	02/15/13	R/J	SW8260
n-Propylbenzene	ND	6.8	ug/Kg	02/15/13	R/J	SW8260
o-Xylene	ND	6.8	ug/Kg	02/15/13	R/J	SW8260
p-Isopropyltoluene	ND	6.8	ug/Kg	02/15/13	R/J	SW8260
sec-Butylbenzene	ND	6.8	ug/Kg	02/15/13	R/J	SW8260
Styrene	ND	6.8	ug/Kg	02/15/13	R/J	SW8260
tert-Butylbenzene	ND	6.8	ug/Kg	02/15/13	R/J	SW8260
Tetrachloroethene	ND	6.8	ug/Kg	02/15/13	R/J	SW8260
Tetrahydrofuran (THF)	ND	14	ug/Kg	02/15/13	R/J	SW8260
Toluene	ND	6.8	ug/Kg	02/15/13	R/J	SW8260
Total Xylenes	ND	6.8	ug/Kg	02/15/13	R/J	SW8260
trans-1,2-Dichloroethene	ND	6.8	ug/Kg	02/15/13	R/J	SW8260
trans-1,3-Dichloropropene	ND	6.8	ug/Kg	02/15/13	R/J	SW8260
trans-1,4-dichloro-2-butene	ND	14	ug/Kg	02/15/13	R/J	SW8260
Trichloroethene	ND	6.8	ug/Kg	02/15/13	R/J	SW8260
Trichlorofluoromethane	ND	6.8	ug/Kg	02/15/13	R/J	SW8260
Trichlorotrifluoroethane	ND	6.8	ug/Kg	02/15/13	R/J	SW8260
Vinyl chloride	ND	6.8	ug/Kg	02/15/13	R/J	SW8260

**QA/QC Surrogates**

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% 1,2-dichlorobenzene-d4	102		%	02/15/13	R/J	70 - 130 %
% Bromofluorobenzene	89		%	02/15/13	R/J	70 - 130 %
% Dibromofluoromethane	104		%	02/15/13	R/J	70 - 130 %
% Toluene-d8	101		%	02/15/13	R/J	70 - 130 %

**Semivolatiles**

1,2,4,5-Tetrachlorobenzene	ND	270	ug/Kg	02/16/13	DD	SW 8270
1,2,4-Trichlorobenzene	ND	270	ug/Kg	02/16/13	DD	SW 8270
1,2-Dichlorobenzene	ND	270	ug/Kg	02/16/13	DD	SW 8270
1,2-Diphenylhydrazine	ND	390	ug/Kg	02/16/13	DD	SW 8270
1,3-Dichlorobenzene	ND	270	ug/Kg	02/16/13	DD	SW 8270
1,4-Dichlorobenzene	ND	270	ug/Kg	02/16/13	DD	SW 8270
2,4,5-Trichlorophenol	ND	270	ug/Kg	02/16/13	DD	SW 8270
2,4,6-Trichlorophenol	ND	270	ug/Kg	02/16/13	DD	SW 8270
2,4-Dichlorophenol	ND	270	ug/Kg	02/16/13	DD	SW 8270
2,4-Dimethylphenol	ND	270	ug/Kg	02/16/13	DD	SW 8270
2,4-Dinitrophenol	ND	620	ug/Kg	02/16/13	DD	SW 8270
2,4-Dinitrotoluene	ND	270	ug/Kg	02/16/13	DD	SW 8270
2,6-Dinitrotoluene	ND	270	ug/Kg	02/16/13	DD	SW 8270
2-Chloronaphthalene	ND	270	ug/Kg	02/16/13	DD	SW 8270
2-Chlorophenol	ND	270	ug/Kg	02/16/13	DD	SW 8270
2-Methylnaphthalene	ND	270	ug/Kg	02/16/13	DD	SW 8270
2-Methylphenol (o-cresol)	ND	270	ug/Kg	02/16/13	DD	SW 8270
2-Nitroaniline	ND	620	ug/Kg	02/16/13	DD	SW 8270
2-Nitrophenol	ND	270	ug/Kg	02/16/13	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	390	ug/Kg	02/16/13	DD	SW 8270
3,3'-Dichlorobenzidine	ND	270	ug/Kg	02/16/13	DD	SW 8270
3-Nitroaniline	ND	620	ug/Kg	02/16/13	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1100	ug/Kg	02/16/13	DD	SW 8270
4-Bromophenyl phenyl ether	ND	390	ug/Kg	02/16/13	DD	SW 8270
4-Chloro-3-methylphenol	ND	270	ug/Kg	02/16/13	DD	SW 8270
4-Chloroaniline	ND	270	ug/Kg	02/16/13	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	270	ug/Kg	02/16/13	DD	SW 8270
4-Nitroaniline	ND	620	ug/Kg	02/16/13	DD	SW 8270
4-Nitrophenol	ND	1100	ug/Kg	02/16/13	DD	SW 8270
Acenaphthene	ND	270	ug/Kg	02/16/13	DD	SW 8270
Acenaphthylene	ND	270	ug/Kg	02/16/13	DD	SW 8270
Acetophenone	ND	270	ug/Kg	02/16/13	DD	SW 8270
Aniline	ND	1100	ug/Kg	02/16/13	DD	SW 8270
Anthracene	500	270	ug/Kg	02/16/13	DD	SW 8270
Benz(a)anthracene	1200	270	ug/Kg	02/16/13	DD	SW 8270
Benzidine	ND	460	ug/Kg	02/16/13	DD	SW 8270
Benzo(a)pyrene	1000	270	ug/Kg	02/16/13	DD	SW 8270
Benzo(b)fluoranthene	1600	270	ug/Kg	02/16/13	DD	SW 8270
Benzo(ghi)perylene	360	270	ug/Kg	02/16/13	DD	SW 8270
Benzo(k)fluoranthene	550	270	ug/Kg	02/16/13	DD	SW 8270
Benzoic acid	ND	1100	ug/Kg	02/16/13	DD	SW 8270
Benzyl butyl phthalate	ND	270	ug/Kg	02/16/13	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	270	ug/Kg	02/16/13	DD	SW 8270
Bis(2-chloroethyl)ether	ND	390	ug/Kg	02/16/13	DD	SW 8270

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Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Bis(2-chloroisopropyl)ether	ND	270	ug/Kg	02/16/13	DD	SW 8270
Bis(2-ethylhexyl)phthalate	ND	270	ug/Kg	02/16/13	DD	SW 8270
Carbazole	650	580	ug/Kg	02/16/13	DD	SW 8270
Chrysene	1300	270	ug/Kg	02/16/13	DD	SW 8270
Dibenz(a,h)anthracene	ND	270	ug/Kg	02/16/13	DD	SW 8270
Dibenzofuran	ND	270	ug/Kg	02/16/13	DD	SW 8270
Diethyl phthalate	ND	270	ug/Kg	02/16/13	DD	SW 8270
Dimethylphthalate	ND	270	ug/Kg	02/16/13	DD	SW 8270
Di-n-butylphthalate	ND	270	ug/Kg	02/16/13	DD	SW 8270
Di-n-octylphthalate	ND	270	ug/Kg	02/16/13	DD	SW 8270
Fluoranthene	2600	270	ug/Kg	02/16/13	DD	SW 8270
Fluorene	ND	270	ug/Kg	02/16/13	DD	SW 8270
Hexachlorobenzene	ND	270	ug/Kg	02/16/13	DD	SW 8270
Hexachlorobutadiene	ND	270	ug/Kg	02/16/13	DD	SW 8270
Hexachlorocyclopentadiene	ND	270	ug/Kg	02/16/13	DD	SW 8270
Hexachloroethane	ND	270	ug/Kg	02/16/13	DD	SW 8270
Indeno(1,2,3-cd)pyrene	320	270	ug/Kg	02/16/13	DD	SW 8270
Isophorone	ND	270	ug/Kg	02/16/13	DD	SW 8270
Naphthalene	ND	270	ug/Kg	02/16/13	DD	SW 8270
Nitrobenzene	ND	270	ug/Kg	02/16/13	DD	SW 8270
N-Nitrosodimethylamine	ND	390	ug/Kg	02/16/13	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	270	ug/Kg	02/16/13	DD	SW 8270
N-Nitrosodiphenylamine	ND	390	ug/Kg	02/16/13	DD	SW 8270
Pentachloronitrobenzene	ND	390	ug/Kg	02/16/13	DD	SW 8270
Pentachlorophenol	ND	390	ug/Kg	02/16/13	DD	SW 8270
Phenanthrene	2600	270	ug/Kg	02/16/13	DD	SW 8270
Phenol	ND	270	ug/Kg	02/16/13	DD	SW 8270
Pyrene	2000	270	ug/Kg	02/16/13	DD	SW 8270
Pyridine	ND	390	ug/Kg	02/16/13	DD	SW 8270
<b><u>QA/QC Surrogates</u></b>						
% 2,4,6-Tribromophenol	90		%	02/16/13	DD	30 - 130 %
% 2-Fluorobiphenyl	92		%	02/16/13	DD	30 - 130 %
% 2-Fluorophenol	82		%	02/16/13	DD	30 - 130 %
% Nitrobenzene-d5	86		%	02/16/13	DD	30 - 130 %
% Phenol-d5	80		%	02/16/13	DD	30 - 130 %
% Terphenyl-d14	83		%	02/16/13	DD	30 - 130 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.  
1P = This parameter is pending certification by NY NELAC for this matrix.  
1O = This parameter is not certified by NY NELAC for this matrix.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
BRL=Below Reporting Level

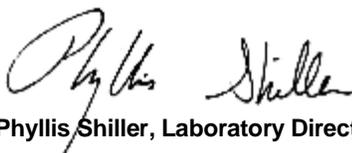
**Comments:**

Corrosivity is based solely on the pH analysis performed above.  
Ignitability is based solely on the results of the closed cup flashpoint analysis performed above. Passed is >140 degree F.  
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.  
The reactivity, reported above, is based only on the EPA Interim Guidance for Reactive Cyanide and Reactive Sulfide. This method is no longer listed in the current version of SW-846.

\* For Pesticides, due to matrix interference caused by the presence of PCB's in the samples an elevated MDL was reported.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.  
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**Phyllis Shiller, Laboratory Director**

**February 25, 2013**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823



**Analysis Report**  
 February 25, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by: BM  
 Received by: LB  
 Analyzed by: see "By" below

Date                      Time  
 02/14/13                      8:40  
 02/15/13                      13:30

Laboratory Data

SDG ID: GBD31152  
 Phoenix ID: BD31163

Project ID: 588 MYRTLE AVE., BROOKLYN  
 Client ID: TP1 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	86		%	02/15/13	JL	E160.3
Extraction of TPH SM	Completed			02/15/13	PJ/V	3545/3550

**TPH by GC (Extractable Products)**

Fuel Oil #2 / Diesel Fuel	ND	32	mg/kg	02/17/13	JRB	8015M (C9-C36) 1
Fuel Oil #4	ND	32	mg/kg	02/17/13	JRB	8015M (C9-C36) 1
Fuel Oil #6	ND	32	mg/kg	02/17/13	JRB	8015M (C9-C36) 1
Kerosene	ND	32	mg/kg	02/17/13	JRB	8015M (C9-C36) 1
Motor Oil	ND	32	mg/kg	02/17/13	JRB	8015M (C9-C36) 1
Other Oil	**	32	mg/kg	02/17/13	JRB	8015M (C9-C36) 1
Unidentified	1000	32	mg/kg	02/17/13	JRB	8015M (C9-C36) 1

**QA/QC Surrogates**

% n-Pentacosane	Diluted Out		%	02/17/13	JRB	50 - 150 %
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Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level

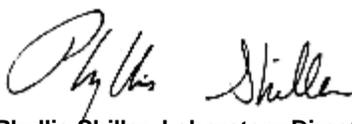
**Comments:**

\*\*Petroleum hydrocarbon chromatogram contains a multicomponent hydrocarbon distribution in the range of C9 to C36. The sample was quantitated against a C9-C36 alkane hydrocarbon standard.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**February 25, 2013**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823



**Analysis Report**  
 February 25, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by: BM  
 Received by: LB  
 Analyzed by: see "By" below

Date                      Time  
 02/14/13                      9:40  
 02/15/13                      13:30

Laboratory Data

SDG ID: GBD31152  
 Phoenix ID: BD31164

Project ID: 588 MYRTLE AVE., BROOKLYN  
 Client ID: TP2 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	86		%	02/15/13	JL	E160.3
Extraction of TPH SM	Completed			02/15/13	PJ/V	3545/3550

**TPH by GC (Extractable Products)**

Fuel Oil #2 / Diesel Fuel	**	6.5	mg/kg	02/17/13	JRB	8015M (C9-C36) 1
Fuel Oil #4	ND	6.5	mg/kg	02/17/13	JRB	8015M (C9-C36) 1
Fuel Oil #6	ND	6.5	mg/kg	02/17/13	JRB	8015M (C9-C36) 1
Kerosene	ND	6.5	mg/kg	02/17/13	JRB	8015M (C9-C36) 1
Motor Oil	ND	6.5	mg/kg	02/17/13	JRB	8015M (C9-C36) 1
Other Oil	ND	6.5	mg/kg	02/17/13	JRB	8015M (C9-C36) 1
Unidentified	460	6.5	mg/kg	02/17/13	JRB	8015M (C9-C36) 1

**QA/QC Surrogates**

% n-Pentacosane	127		%	02/17/13	JRB	50 - 150 %
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Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level

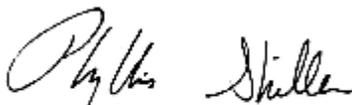
**Comments:**

\*\*Petroleum hydrocarbon chromatogram most closely resembles diesel fuel / fuel #2. The sample was quantitated against a C9-C36 alkane hydrocarbon standard.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**February 25, 2013**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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 Tel. (860) 645-1102 Fax (860) 645-0823



**Analysis Report**  
 February 25, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by: BM  
 Received by: LB  
 Analyzed by: see "By" below

Date                      Time  
 02/14/13                      10:40  
 02/15/13                      13:30

Laboratory Data

SDG ID: GBD31152  
 Phoenix ID: BD31165

Project ID: 588 MYRTLE AVE., BROOKLYN  
 Client ID: TP3 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	88		%	02/15/13	JL	E160.3
Extraction of TPH SM	Completed			02/15/13	PJ/V	3545/3550

**TPH by GC (Extractable Products)**

Fuel Oil #2 / Diesel Fuel	ND	31	mg/kg	02/17/13	JRB	8015M (C9-C36) 1
Fuel Oil #4	ND	31	mg/kg	02/17/13	JRB	8015M (C9-C36) 1
Fuel Oil #6	ND	31	mg/kg	02/17/13	JRB	8015M (C9-C36) 1
Kerosene	ND	31	mg/kg	02/17/13	JRB	8015M (C9-C36) 1
Motor Oil	ND	31	mg/kg	02/17/13	JRB	8015M (C9-C36) 1
Other Oil	**	31	mg/kg	02/17/13	JRB	8015M (C9-C36) 1
Unidentified	300	31	mg/kg	02/17/13	JRB	8015M (C9-C36) 1

**QA/QC Surrogates**

% n-Pentacosane	Diluted Out		%	02/17/13	JRB	50 - 150 %
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Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

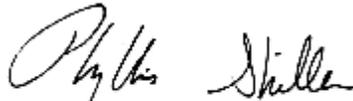
BRL=Below Reporting Level

**Comments:**

\*\*Petroleum hydrocarbon chromatogram contains a multicomponent hydrocarbon distribution in the range of C19 to C36. The sample was quantitated against a C9-C36 alkane hydrocarbon standard.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.  
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**Phyllis Shiller, Laboratory Director**

**February 25, 2013**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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 Tel. (860) 645-1102 Fax (860) 645-0823



**Analysis Report**  
 February 25, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by: BM  
 Received by: LB  
 Analyzed by: see "By" below

Date                      Time  
 02/14/13                      11:40  
 02/15/13                      13:30

Laboratory Data

SDG ID: GBD31152  
 Phoenix ID: BD31166

Project ID: 588 MYRTLE AVE., BROOKLYN  
 Client ID: TP4 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	85		%	02/15/13	JL	E160.3
Extraction of TPH SM	Completed			02/15/13	PJ/V	3545/3550

TPH by GC (Extractable Products)

Fuel Oil #2 / Diesel Fuel	ND	6.5	mg/kg	02/17/13	JRB	8015M (C9-C36) 1
Fuel Oil #4	ND	6.5	mg/kg	02/17/13	JRB	8015M (C9-C36) 1
Fuel Oil #6	ND	6.5	mg/kg	02/17/13	JRB	8015M (C9-C36) 1
Kerosene	ND	6.5	mg/kg	02/17/13	JRB	8015M (C9-C36) 1
Motor Oil	ND	6.5	mg/kg	02/17/13	JRB	8015M (C9-C36) 1
Other Oil	**	6.5	mg/kg	02/17/13	JRB	8015M (C9-C36) 1
Unidentified	230	6.5	mg/kg	02/17/13	JRB	8015M (C9-C36) 1

QA/QC Surrogates

% n-Pentacosane	141		%	02/17/13	JRB	50 - 150 %
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Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

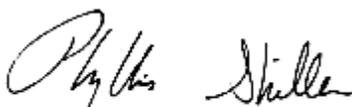
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
BRL=Below Reporting Level

**Comments:**

\*\*Petroleum hydrocarbon chromatogram contains a multicomponent hydrocarbon distribution in the range of C9 to C36. The sample was quantitated against a C9-C36 alkane hydrocarbon standard.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.  
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**Phyllis Shiller, Laboratory Director**

**February 25, 2013**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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 Tel. (860) 645-1102 Fax (860) 645-0823



**Analysis Report**  
 February 25, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by: BM  
 Received by: LB  
 Analyzed by: see "By" below

Date                      Time  
 02/14/13                      12:40  
 02/15/13                      13:30

Laboratory Data

SDG ID: GBD31152  
 Phoenix ID: BD31167

Project ID: 588 MYRTLE AVE., BROOKLYN  
 Client ID: TP5 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	84		%	02/15/13	JL	E160.3
Extraction of TPH SM	Completed			02/15/13	PJ/V	3545/3550

**TPH by GC (Extractable Products)**

Fuel Oil #2 / Diesel Fuel	ND	6.5	mg/kg	02/17/13	JRB	8015M (C9-C36) 1
Fuel Oil #4	ND	6.5	mg/kg	02/17/13	JRB	8015M (C9-C36) 1
Fuel Oil #6	ND	6.5	mg/kg	02/17/13	JRB	8015M (C9-C36) 1
Kerosene	ND	6.5	mg/kg	02/17/13	JRB	8015M (C9-C36) 1
Motor Oil	ND	6.5	mg/kg	02/17/13	JRB	8015M (C9-C36) 1
Other Oil	**	6.5	mg/kg	02/17/13	JRB	8015M (C9-C36) 1
Unidentified	110	6.5	mg/kg	02/17/13	JRB	8015M (C9-C36) 1

**QA/QC Surrogates**

% n-Pentacosane	124		%	02/17/13	JRB	50 - 150 %
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Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

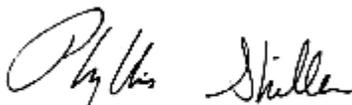
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
BRL=Below Reporting Level

**Comments:**

\*\*Petroleum hydrocarbon chromatogram contains a multicomponent hydrocarbon distribution in the range of C9 to C36. The sample was quantitated against a C9-C36 alkane hydrocarbon standard.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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**Phyllis Shiller, Laboratory Director**

**February 25, 2013**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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**Analysis Report**  
 February 25, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by: BM  
 Received by: LB  
 Analyzed by: see "By" below

Date                      Time  
 02/14/13                      13:10  
 02/15/13                      13:30

Laboratory Data

SDG ID: GBD31152  
 Phoenix ID: BD31168

Project ID: 588 MYRTLE AVE., BROOKLYN  
 Client ID: TP6 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	86		%	02/15/13	JL	E160.3
Extraction of TPH SM	Completed			02/15/13	PJ/V	3545/3550

**TPH by GC (Extractable Products)**

Fuel Oil #2 / Diesel Fuel	ND	6.4	mg/kg	02/17/13	JRB	8015M (C9-C36) 1
Fuel Oil #4	ND	6.4	mg/kg	02/17/13	JRB	8015M (C9-C36) 1
Fuel Oil #6	ND	6.4	mg/kg	02/17/13	JRB	8015M (C9-C36) 1
Kerosene	ND	6.4	mg/kg	02/17/13	JRB	8015M (C9-C36) 1
Motor Oil	ND	6.4	mg/kg	02/17/13	JRB	8015M (C9-C36) 1
Other Oil	**	6.4	mg/kg	02/17/13	JRB	8015M (C9-C36) 1
Unidentified	700	6.4	mg/kg	02/17/13	JRB	8015M (C9-C36) 1

**QA/QC Surrogates**

% n-Pentacosane	121		%	02/17/13	JRB	50 - 150 %
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Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

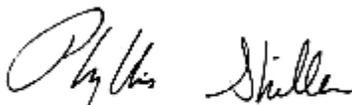
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
BRL=Below Reporting Level

**Comments:**

\*\*Petroleum hydrocarbon chromatogram contains a multicomponent hydrocarbon distribution in the range of C9 to C36. The sample was quantitated against a C9-C36 alkane hydrocarbon standard.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.  
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**Phyllis Shiller, Laboratory Director**

**February 25, 2013**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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# QA/QC Report

February 25, 2013

## QA/QC Data

SDG I.D.: GBD31152

Parameter	Blank	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
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QA/QC Batch 221260, QC Sample No: BD30961 (BD31152, BD31154, BD31155, BD31156, BD31157, BD31158)

### ICP Metals - TCLP Extraction

Arsenic	BRL	<0.10	<0.10	NC	106	103	2.9	93.5	91.7	1.9	75 - 125	20
Barium	BRL	0.62	0.69	10.7	95.8	91.6	4.5	90.6	88.6	2.2	75 - 125	20
Cadmium	BRL	<0.050	<0.050	NC	102	99.5	2.5	93.2	91.8	1.5	75 - 125	20
Chromium	BRL	<0.10	<0.10	NC	96.8	94.3	2.6	89.6	87.9	1.9	75 - 125	20
Lead	BRL	0.10	0.10	0	98.5	95.6	3.0	91.8	90.4	1.5	75 - 125	20
Selenium	BRL	<0.10	<0.10	NC	105	103	1.9	94.3	92.4	2.0	75 - 125	20
Silver	BRL	<0.10	<0.10	NC	97.8	95.0	2.9	88.0	86.5	1.7	75 - 125	20

QA/QC Batch 221355, QC Sample No: BD30994 (BD31152, BD31153, BD31154, BD31155, BD31156, BD31157, BD31158, BD31159, BD31160, BD31161, BD31162)

### ICP Metals - Soil

Aluminum	BRL	5080	4480	12.6	83.3	74.0	11.8	NC	NC	NC	75 - 125	30	i
Antimony	BRL	<4.6	<4.6	NC	107	97.3	9.5	90.0	88.8	1.3	75 - 125	30	
Arsenic	BRL	1.6	1.55	NC	97.4	86.4	12.0	91.0	89.6	1.6	75 - 125	30	
Barium	BRL	30.9	26.0	17.2	97.8	88.5	10.0	85.8	83.4	2.8	75 - 125	30	
Beryllium	BRL	<0.37	<0.37	NC	100	88.7	12.0	94.6	92.9	1.8	75 - 125	30	
Cadmium	BRL	<0.46	<0.46	NC	97.7	86.4	12.3	91.7	90.2	1.6	75 - 125	30	
Calcium	BRL	1190	1080	9.70	102	91.1	11.3	NC	NC	NC	75 - 125	30	
Chromium	BRL	8.54	8.13	4.90	100	87.6	13.2	94.7	93.0	1.8	75 - 125	30	
Cobalt	BRL	3.12	2.74	13.0	99.6	88.2	12.1	93.8	92.1	1.8	75 - 125	30	
Copper	BRL	8.18	7.05	14.8	104	91.9	12.4	101	99.5	1.5	75 - 125	30	
Iron	BRL	8480	7530	11.9	96.3	88.0	9.0	NC	NC	NC	75 - 125	30	
Lead	BRL	14.0	12.3	12.9	101	90.7	10.7	94.3	93.0	1.4	75 - 125	30	
Magnesium	BRL	1590	1370	14.9	96.1	84.1	13.3	NC	NC	NC	75 - 125	30	
Manganese	BRL	216	181	17.6	96.7	88.4	9.0	81.4	90.9	11.0	75 - 125	30	
Nickel	BRL	5.77	5.25	9.40	98.6	87.3	12.2	93.1	91.4	1.8	75 - 125	30	
Potassium	BRL	499	441	12.3	92.5	81.6	12.5	129	126	2.4	75 - 125	30	m
Selenium	BRL	<1.9	<1.9	NC	108	99.8	7.9	84.2	82.7	1.8	75 - 125	30	
Silver	BRL	<0.46	<0.46	NC	102	87.9	14.8	95.9	94.3	1.7	75 - 125	30	
Sodium	BRL	52.9	45.8	14.4	108	95.1	12.7	>130	130	NC	75 - 125	30	m
Thallium	BRL	<4.2	<4.2	NC	101	89.4	12.2	91.5	90.0	1.7	75 - 125	30	
Vanadium	BRL	15.0	13.4	11.3	103	93.1	10.1	97.0	95.6	1.5	75 - 125	30	
Zinc	BRL	37.3	34.3	8.40	97.5	91.9	5.9	91.7	97.0	5.6	75 - 125	30	

QA/QC Batch 221413, QC Sample No: BD31154 (BD31152, BD31153, BD31154, BD31155, BD31156, BD31157, BD31158, BD31159, BD31160, BD31161, BD31162)

Mercury - Soil	BRL	0.19	0.25	NC	100	89.6	11.0	102	129	23.4	70 - 130	30	m
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Comment:

Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%.

QA/QC Batch 221396, QC Sample No: BD31215 (BD31159, BD31162)

### ICP Metals - TCLP Extraction

Arsenic	BRL	<0.10	<0.10	NC	92.2	91.5	0.8	94.2	93.8	0.4	75 - 125	20
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QA/QC Data

SDG I.D.: GBD31152

Parameter	Blank	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Barium	BRL	1.33	1.30	2.30	111	111	0.0	99.0	97.6	1.4	75 - 125	20
Cadmium	BRL	<0.050	<0.050	NC	89.1	88.7	0.4	93.2	93.1	0.1	75 - 125	20
Chromium	BRL	<0.10	<0.10	NC	88.5	88.0	0.6	92.3	92.1	0.2	75 - 125	20
Lead	BRL	0.22	0.20	9.50	90.1	90.3	0.2	95.4	94.8	0.6	75 - 125	20
Selenium	BRL	<0.10	<0.10	NC	96.1	95.1	1.0	97.9	97.9	0.0	75 - 125	20
Silver	BRL	<0.10	<0.10	NC	93.8	93.5	0.3	93.5	93.4	0.1	75 - 125	20

QA/QC Batch 221409, QC Sample No: BD31322 (BD31152, BD31153, BD31154, BD31155, BD31156, BD31157, BD31158, BD31159, BD31160, BD31161, BD31162)

Mercury - Water BRL <0.0002 <0.0002 NC 104 102 1.9 89.4 91.1 1.9 70 - 130 20

Comment:

Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%.

QA/QC Batch 221867, QC Sample No: BD38688 (BD31153, BD31160, BD31161)

ICP Metals - TCLP Extraction

Arsenic	BRL	<0.10	<0.10	NC	103	108	4.7	98.4	98.2	0.2	75 - 125	20
Barium	BRL	0.31	0.37	17.6	92.8	95.7	3.1	95.9	95.7	0.2	75 - 125	20
Cadmium	BRL	<0.050	<0.050	NC	101	105	3.9	98.8	97.3	1.5	75 - 125	20
Chromium	BRL	<0.10	<0.10	NC	96.4	100	3.7	96.6	96.1	0.5	75 - 125	20
Lead	BRL	0.20	0.25	22.2	98.4	102	3.6	97.8	97.4	0.4	75 - 125	20
Selenium	BRL	<0.10	<0.10	NC	106	111	4.6	100	99.8	0.2	75 - 125	20
Silver	BRL	<0.10	<0.10	NC	102	106	3.8	96.3	95.8	0.5	75 - 125	20

l = This parameter is outside laboratory lcs/lcsd specified recovery limits.

m = This parameter is outside laboratory ms/msd specified recovery limits.

r = This parameter is outside laboratory rpd specified recovery limits.



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# QA/QC Report

February 25, 2013

## QA/QC Data

SDG I.D.: GBD31152

Parameter	Blank	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 221400, QC Sample No: BD30077 (BD31152, BD31153, BD31154, BD31155, BD31156, BD31157, BD31158, BD31159, BD31160, BD31161, BD31162)												
Total Cyanide	BRL	<0.56	<0.51	NC	103			96.5			85 - 115	30
QA/QC Batch 221247, QC Sample No: BD30825 (BD31152, BD31153, BD31154, BD31155, BD31156)												
Flash Point		>200	>200	NC	101						85 - 115	30
QA/QC Batch 221405, QC Sample No: BD31084 (BD31152, BD31153, BD31154, BD31155, BD31156, BD31157, BD31158, BD31159, BD31160, BD31161, BD31162)												
Reactivity Cyanide	BRL	<5.6	<5.5	NC	104						85 - 115	30
QA/QC Batch 221388, QC Sample No: BD31155 (BD31152, BD31153, BD31154, BD31155, BD31156, BD31157, BD31158, BD31159, BD31160, BD31161, BD31162)												
pH - Soil		7.91	7.92	0.10	98.1						85 - 115	20
QA/QC Batch 221385, QC Sample No: BD31161 (BD31158, BD31159, BD31160, BD31161, BD31162)												
Flash Point		>200	>200	NC	100						85 - 115	30



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# QA/QC Report

February 25, 2013

## QA/QC Data

SDG I.D.: GBD31152

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 221023, QC Sample No: BD28955 (BD31152, BD31153, BD31154, BD31155, BD31156, BD31157, BD31158, BD31159, BD31160, BD31161, BD31162)										
<u>Chlorinated Herbicides - Soil</u>										
2,4,5-T	ND	51	84	48.9	43	28	42.3	40 - 140	30	m,r
2,4,5-TP (Silvex)	ND	54	79	37.6	44	36	20.0	40 - 140	30	r
2,4-D	ND	54	83	42.3	48	42	13.3	40 - 140	30	r
2,4-DB	ND	83	92	10.3	82	85	3.6	40 - 140	30	
Dalapon	ND	50	45	10.5	39	32	19.7	40 - 140	30	
Dicamba	ND	80	78	2.5	69	68	1.5	40 - 140	30	
Dichloroprop	ND	56	67	17.9	46	41	11.5	40 - 140	30	
Dinoseb	ND	65	77	16.9	59	57	3.4	40 - 140	30	
% DCAA (Surrogate Rec)	72	66	66	0.0	61	59	3.3	30 - 150	30	
QA/QC Batch 221221, QC Sample No: BD30847 (BD31163, BD31164, BD31165, BD31166, BD31167, BD31168)										
<u>TPH by GC (Extractable Products) - Soil</u>										
Ext. Petroleum HC	ND	74	79	6.5	148	84	55.2	60 - 120	30	m,r
% n-Pentacosane	84	83	91	9.2	117	103	12.7	50 - 150	30	
QA/QC Batch 221452, QC Sample No: BD30919 (BD31153, BD31154, BD31155, BD31156, BD31157, BD31158, BD31159)										
<u>Volatiles - Soil</u>										
1,1,1,2-Tetrachloroethane	ND	101			102	107	4.8	70 - 130	30	
1,1,1-Trichloroethane	ND	97			100	105	4.9	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	95			102	104	1.9	70 - 130	30	
1,1,2-Trichloroethane	ND	94			105	100	4.9	70 - 130	30	
1,1-Dichloroethane	ND	98			101	98	3.0	70 - 130	30	
1,1-Dichloroethene	ND	93			98	99	1.0	70 - 130	30	
1,1-Dichloropropene	ND	96			99	101	2.0	70 - 130	30	
1,2,3-Trichlorobenzene	ND	101			101	97	4.0	70 - 130	30	
1,2,3-Trichloropropane	ND	89			101	108	6.7	70 - 130	30	
1,2,4-Trichlorobenzene	ND	101			101	97	4.0	70 - 130	30	
1,2,4-Trimethylbenzene	ND	100			98	102	4.0	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	96			104	103	1.0	70 - 130	30	
1,2-Dibromoethane	ND	93			106	102	3.8	70 - 130	30	
1,2-Dichlorobenzene	ND	98			99	101	2.0	70 - 130	30	
1,2-Dichloroethane	ND	93			103	98	5.0	70 - 130	30	
1,2-Dichloropropane	ND	93			103	101	2.0	70 - 130	30	
1,3,5-Trimethylbenzene	ND	98			97	103	6.0	70 - 130	30	
1,3-Dichlorobenzene	ND	101			98	103	5.0	70 - 130	30	
1,3-Dichloropropane	ND	95			102	101	1.0	70 - 130	30	
1,4-Dichlorobenzene	ND	100			97	101	4.0	70 - 130	30	
2,2-Dichloropropane	ND	116			105	116	10.0	70 - 130	30	
2-Chlorotoluene	ND	98			97	102	5.0	70 - 130	30	
2-Hexanone	ND	111			135	119	12.6	70 - 130	30	m
2-Isopropyltoluene	ND	96			98	103	5.0	70 - 130	30	

QA/QC Data

SDG I.D.: GBD31152

Parameter	Blank	LCS %	LCS D %	LCS RPD	MS %	MS D %	MS RPD	% Rec Limits	% RPD Limits
4-Chlorotoluene	ND	98			97	102	5.0	70 - 130	30
4-Methyl-2-pentanone	ND	89			114	103	10.1	70 - 130	30
Acetone	ND	116			121	103	16.1	70 - 130	30
Acrylonitrile	ND	91			103	97	6.0	70 - 130	30
Benzene	ND	93			101	101	0.0	70 - 130	30
Bromobenzene	ND	96			99	103	4.0	70 - 130	30
Bromochloromethane	ND	95			99	102	3.0	70 - 130	30
Bromodichloromethane	ND	96			102	103	1.0	70 - 130	30
Bromoform	ND	99			105	107	1.9	70 - 130	30
Bromomethane	ND	99			87	94	7.7	70 - 130	30
Carbon Disulfide	ND	85			98	100	2.0	70 - 130	30
Carbon tetrachloride	ND	103			99	108	8.7	70 - 130	30
Chlorobenzene	ND	98			101	102	1.0	70 - 130	30
Chloroethane	ND	96			96	101	5.1	70 - 130	30
Chloroform	ND	95			98	101	3.0	70 - 130	30
Chloromethane	ND	88			93	94	1.1	70 - 130	30
cis-1,2-Dichloroethene	ND	97			100	100	0.0	70 - 130	30
cis-1,3-Dichloropropene	ND	97			105	103	1.9	70 - 130	30
Dibromochloromethane	ND	103			102	107	4.8	70 - 130	30
Dibromomethane	ND	94			104	100	3.9	70 - 130	30
Dichlorodifluoromethane	ND	84			87	90	3.4	70 - 130	30
Ethylbenzene	ND	96			100	103	3.0	70 - 130	30
Hexachlorobutadiene	ND	93			98	98	0.0	70 - 130	30
Isopropylbenzene	ND	99			97	104	7.0	70 - 130	30
m&p-Xylene	ND	98			100	103	3.0	70 - 130	30
Methyl ethyl ketone	ND	108			>150	130	NC	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	92			105	93	12.1	70 - 130	30
Methylene chloride	ND	90			90	90	0.0	70 - 130	30
Naphthalene	ND	105			107	92	15.1	70 - 130	30
n-Butylbenzene	ND	99			96	100	4.1	70 - 130	30
n-Propylbenzene	ND	104			98	104	5.9	70 - 130	30
o-Xylene	ND	101			100	103	3.0	70 - 130	30
p-Isopropyltoluene	ND	101			96	102	6.1	70 - 130	30
sec-Butylbenzene	ND	96			97	103	6.0	70 - 130	30
Styrene	ND	98			102	104	1.9	70 - 130	30
tert-Butylbenzene	ND	98			96	103	7.0	70 - 130	30
Tetrachloroethene	ND	99			99	104	4.9	70 - 130	30
Tetrahydrofuran (THF)	ND	88			107	96	10.8	70 - 130	30
Toluene	ND	93			101	102	1.0	70 - 130	30
trans-1,2-Dichloroethene	ND	95			97	103	6.0	70 - 130	30
trans-1,3-Dichloropropene	ND	99			108	107	0.9	70 - 130	30
trans-1,4-dichloro-2-butene	ND	107			115	117	1.7	70 - 130	30
Trichloroethene	ND	98			100	103	3.0	70 - 130	30
Trichlorofluoromethane	ND	99			99	97	2.0	70 - 130	30
Trichlorotrifluoroethane	ND	94			99	98	1.0	70 - 130	30
Vinyl chloride	ND	92			95	97	2.1	70 - 130	30
% 1,2-dichlorobenzene-d4	101	100			100	102	2.0	70 - 130	30
% Bromofluorobenzene	96	98			101	100	1.0	70 - 130	30
% Dibromofluoromethane	98	101			100	98	2.0	70 - 130	30
% Toluene-d8	101	98			102	99	3.0	70 - 130	30

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Comment:

Additional 8260 criteria: 10% of compounds can be outside of acceptance criteria as long as recovery is 40-160%.

## QA/QC Data

SDG I.D.: GBD31152

Parameter	Blank	LCS %	LCS D %	LCS RPD	MS %	MS D %	MS RPD	% Rec Limits	% RPD Limits
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QA/QC Batch 221321, QC Sample No: BD31157 (BD31152, BD31153, BD31154, BD31155, BD31156, BD31157, BD31158, BD31159, BD31160, BD31161, BD31162)

### Pesticides - Soil

4,4' -DDD	ND	75	73	2.7	83	87	4.7	40 - 140	30
4,4' -DDE	ND	80	80	0.0	80	83	3.7	40 - 140	30
4,4' -DDT	ND	67	66	1.5	75	87	14.8	40 - 140	30
a-BHC	ND	81	83	2.4	80	86	7.2	40 - 140	30
a-Chlordane	ND	80	81	1.2	78	80	2.5	40 - 140	30
Alachlor	ND	N/A	N/A	NC	N/A	N/A	NC	40 - 140	30
Aldrin	ND	80	82	2.5	78	81	3.8	40 - 140	30
b-BHC	ND	80	82	2.5	75	81	7.7	40 - 140	30
Chlordane	ND	N/A	N/A	NC	N/A	N/A	NC	40 - 140	30
d-BHC	ND	71	75	5.5	74	79	6.5	40 - 140	30
Dieldrin	ND	83	84	1.2	93	93	0.0	40 - 140	30
Endosulfan I	ND	79	81	2.5	79	82	3.7	40 - 140	30
Endosulfan II	ND	N/A	N/A	NC	85	N/A	NC	40 - 140	30
Endosulfan sulfate	ND	70	70	0.0	81	84	3.6	40 - 140	30
Endrin	ND	63	66	4.7	89	91	2.2	40 - 140	30
Endrin aldehyde	ND	N/A	85	NC	79	N/A	NC	40 - 140	30
Endrin ketone	ND	79	82	3.7	86	90	4.5	40 - 140	30
g-BHC	ND	79	81	2.5	112	116	3.5	40 - 140	30
g-Chlordane	ND	80	82	2.5	79	82	3.7	40 - 140	30
Heptachlor	ND	75	77	2.6	77	80	3.8	40 - 140	30
Heptachlor epoxide	ND	80	82	2.5	78	81	3.8	40 - 140	30
Methoxychlor	ND	60	61	1.7	106	99	6.8	40 - 140	30
Toxaphene	ND	N/A	N/A	NC	N/A	N/A	NC	40 - 140	30
% DCBP	46	73	73	0.0	85	85	0.0	30 - 150	30
% TCMX	51	79	80	1.3	79	82	3.7	30 - 150	30

QA/QC Batch 221323, QC Sample No: BD31157 (BD31152, BD31153, BD31154, BD31155, BD31156, BD31157, BD31158, BD31159, BD31160, BD31161, BD31162)

### Polychlorinated Biphenyls - Soil

PCB-1016	ND	85	83	2.4	88			40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	86	85	1.2	90			40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	64	70	69	1.4	70			30 - 150	30
% TCMX (Surrogate Rec)	79	85	81	4.8	85			30 - 150	30

QA/QC Batch 221318, QC Sample No: BD31158 (BD31152, BD31153, BD31154, BD31155, BD31156, BD31157, BD31158, BD31159, BD31160, BD31161, BD31162)

### Semivolatiles - Soil

1,2,4,5-Tetrachlorobenzene	ND	79	80	1.3	77	83	7.5	30 - 130	30
1,2,4-Trichlorobenzene	ND	73	74	1.4	75	80	6.5	30 - 130	30
1,2-Dichlorobenzene	ND	75	76	1.3	78	83	6.2	30 - 130	30
1,2-Diphenylhydrazine	ND	83	81	2.4	77	82	6.3	30 - 130	30
1,3-Dichlorobenzene	ND	74	73	1.4	74	79	6.5	30 - 130	30
1,4-Dichlorobenzene	ND	75	74	1.3	74	79	6.5	30 - 130	30
2,4,5-Trichlorophenol	ND	84	82	2.4	66	103	43.8	30 - 130	30

## QA/QC Data

SDG I.D.: GBD31152

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
2,4,6-Trichlorophenol	ND	87	83	4.7	73	81	10.4	30 - 130	30	
2,4-Dichlorophenol	ND	84	86	2.4	85	96	12.2	30 - 130	30	
2,4-Dimethylphenol	ND	57	57	0.0	64	71	10.4	30 - 130	30	
2,4-Dinitrophenol	ND	43	44	2.3	11	22	66.7	30 - 130	30	m,r
2,4-Dinitrotoluene	ND	81	81	0.0	97	107	9.8	30 - 130	30	
2,6-Dinitrotoluene	ND	83	80	3.7	90	99	9.5	30 - 130	30	
2-Chloronaphthalene	ND	84	82	2.4	87	94	7.7	30 - 130	30	
2-Chlorophenol	ND	77	78	1.3	81	88	8.3	30 - 130	30	
2-Methylnaphthalene	ND	103	104	1.0	84	92	9.1	30 - 130	30	
2-Methylphenol (o-cresol)	ND	74	75	1.3	84	91	8.0	30 - 130	30	
2-Nitroaniline	ND	103	104	1.0	>150	>150	NC	30 - 130	30	m
2-Nitrophenol	ND	73	72	1.4	67	76	12.6	30 - 130	30	
3&4-Methylphenol (m&p-cresol)	ND	79	80	1.3	86	91	5.6	30 - 130	30	
3,3'-Dichlorobenzidine	ND	127	137	7.6	>150	>150	NC	30 - 130	30	l,m
3-Nitroaniline	ND	87	83	4.7	111	119	7.0	30 - 130	30	
4,6-Dinitro-2-methylphenol	ND	72	73	1.4	40	58	36.7	30 - 130	30	r
4-Bromophenyl phenyl ether	ND	85	86	1.2	92	98	6.3	30 - 130	30	
4-Chloro-3-methylphenol	ND	86	87	1.2	75	84	11.3	30 - 130	30	
4-Chloroaniline	ND	73	76	4.0	>150	>150	NC	30 - 130	30	m
4-Chlorophenyl phenyl ether	ND	81	80	1.2	83	86	3.6	30 - 130	30	
4-Nitroaniline	ND	81	79	2.5	111	119	7.0	30 - 130	30	
4-Nitrophenol	ND	72	62	14.9	65	72	10.2	30 - 130	30	
Acenaphthene	ND	87	86	1.2	84	91	8.0	30 - 130	30	
Acenaphthylene	ND	85	83	2.4	92	99	7.3	30 - 130	30	
Acetophenone	ND	79	79	0.0	87	94	7.7	30 - 130	30	
Aniline	ND	80	83	3.7	111	121	8.6	30 - 130	30	
Anthracene	ND	86	86	0.0	92	97	5.3	30 - 130	30	
Benz(a)anthracene	ND	83	84	1.2	89	98	9.6	30 - 130	30	
Benzidine	ND	42	41	2.4	19	17	11.1	30 - 130	30	m
Benzo(a)pyrene	ND	77	77	0.0	85	92	7.9	30 - 130	30	
Benzo(b)fluoranthene	ND	88	84	4.7	116	130	11.4	30 - 130	30	
Benzo(ghi)perylene	ND	80	82	2.5	43	42	2.4	30 - 130	30	
Benzo(k)fluoranthene	ND	85	89	4.6	121	131	7.9	30 - 130	30	m
Benzyl butyl phthalate	ND	88	89	1.1	139	125	10.6	30 - 130	30	m
Bis(2-chloroethoxy)methane	ND	81	83	2.4	80	85	6.1	30 - 130	30	
Bis(2-chloroethyl)ether	ND	77	77	0.0	70	75	6.9	30 - 130	30	
Bis(2-chloroisopropyl)ether	ND	78	79	1.3	74	78	5.3	30 - 130	30	
Bis(2-ethylhexyl)phthalate	ND	92	92	0.0	122	105	15.0	30 - 130	30	
Carbazole	ND	90	91	1.1	>150	>150	NC	30 - 130	30	m
Chrysene	ND	86	89	3.4	99	101	2.0	30 - 130	30	
Dibenz(a,h)anthracene	ND	80	85	6.1	49	48	2.1	30 - 130	30	
Dibenzofuran	ND	86	83	3.6	91	98	7.4	30 - 130	30	
Diethyl phthalate	ND	85	85	0.0	93	99	6.3	30 - 130	30	
Dimethylphthalate	ND	85	81	4.8	89	95	6.5	30 - 130	30	
Di-n-butylphthalate	ND	87	85	2.3	94	100	6.2	30 - 130	30	
Di-n-octylphthalate	ND	95	96	1.0	118	120	1.7	30 - 130	30	
Fluoranthene	ND	84	84	0.0	87	98	11.9	30 - 130	30	
Fluorene	ND	87	86	1.2	89	94	5.5	30 - 130	30	
Hexachlorobenzene	ND	85	85	0.0	87	91	4.5	30 - 130	30	
Hexachlorobutadiene	ND	75	75	0.0	72	78	8.0	30 - 130	30	
Hexachlorocyclopentadiene	ND	66	64	3.1	16	30	60.9	30 - 130	30	m,r
Hexachloroethane	ND	70	69	1.4	56	66	16.4	30 - 130	30	
Indeno(1,2,3-cd)pyrene	ND	81	84	3.6	48	47	2.1	30 - 130	30	

QA/QC Data

SDG I.D.: GBD31152

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Isophorone	ND	85	84	1.2	75	80	6.5	30 - 130	30
Naphthalene	ND	78	78	0.0	81	86	6.0	30 - 130	30
Nitrobenzene	ND	79	77	2.6	72	77	6.7	30 - 130	30
N-Nitrosodimethylamine	ND	76	78	2.6	60	64	6.5	30 - 130	30
N-Nitrosodi-n-propylamine	ND	77	77	0.0	74	81	9.0	30 - 130	30
N-Nitrosodiphenylamine	ND	95	93	2.1	124	132	6.3	30 - 130	30 m
Pentachloronitrobenzene	ND	83	81	2.4	77	83	7.5	30 - 130	30
Pentachlorophenol	ND	96	97	1.0	64	87	30.5	30 - 130	30
Phenanthrene	ND	88	88	0.0	93	104	11.2	30 - 130	30
Phenol	ND	88	89	1.1	77	83	7.5	30 - 130	30
Pyrene	ND	86	84	2.4	83	93	11.4	30 - 130	30
Pyridine	ND	62	63	1.6	49	52	5.9	30 - 130	30
% 2,4,6-Tribromophenol	77	82	80	2.5	65	73	11.6	30 - 130	30
% 2-Fluorobiphenyl	74	83	81	2.4	88	94	6.6	30 - 130	30
% 2-Fluorophenol	67	74	77	4.0	75	81	7.7	30 - 130	30
% Nitrobenzene-d5	71	79	78	1.3	74	79	6.5	30 - 130	30
% Phenol-d5	67	84	86	2.4	76	82	7.6	30 - 130	30
% Terphenyl-d14	81	87	87	0.0	85	90	5.7	30 - 130	30

Comment:

Additional 8270 criteria: 20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

QA/QC Batch 221546, QC Sample No: BD31278 (BD31152, BD31160)

Volatiles - Soil

1,1,1,2-Tetrachloroethane	ND	126	102	21.1	98	97	1.0	70 - 130	30
1,1,1-Trichloroethane	ND	121	98	21.0	99	97	2.0	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	112	96	15.4	103	96	7.0	70 - 130	30
1,1,2-Trichloroethane	ND	121	108	11.4	108	98	9.7	70 - 130	30
1,1-Dichloroethane	ND	117	104	11.8	104	93	11.2	70 - 130	30
1,1-Dichloroethene	ND	110	90	20.0	97	94	3.1	70 - 130	30
1,1-Dichloropropene	ND	119	96	21.4	111	109	1.8	70 - 130	30
1,2,3-Trichlorobenzene	ND	110	105	4.7	117	103	12.7	70 - 130	30
1,2,3-Trichloropropane	ND	129	89	36.7	93	94	1.1	70 - 130	30 r
1,2,4-Trichlorobenzene	ND	106	96	9.9	117	106	9.9	70 - 130	30
1,2,4-Trimethylbenzene	ND	120	96	22.2	103	103	0.0	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	122	110	10.3	109	98	10.6	70 - 130	30
1,2-Dibromoethane	ND	118	105	11.7	109	100	8.6	70 - 130	30
1,2-Dichlorobenzene	ND	117	97	18.7	104	102	1.9	70 - 130	30
1,2-Dichloroethane	ND	117	103	12.7	107	97	9.8	70 - 130	30
1,2-Dichloropropane	ND	120	102	16.2	107	101	5.8	70 - 130	30
1,3,5-Trimethylbenzene	ND	120	95	23.3	103	105	1.9	70 - 130	30
1,3-Dichlorobenzene	ND	117	96	19.7	106	106	0.0	70 - 130	30
1,3-Dichloropropane	ND	120	103	15.2	104	99	4.9	70 - 130	30
1,4-Dichlorobenzene	ND	116	95	19.9	105	105	0.0	70 - 130	30
2,2-Dichloropropane	ND	121	100	19.0	95	91	4.3	70 - 130	30
2-Chlorotoluene	ND	115	93	21.2	106	105	0.9	70 - 130	30
2-Hexanone	ND	90	81	10.5	62	55	12.0	70 - 130	30 m
2-Isopropyltoluene	ND	119	95	22.4	104	106	1.9	70 - 130	30
4-Chlorotoluene	ND	115	93	21.2	106	105	0.9	70 - 130	30
4-Methyl-2-pentanone	ND	107	100	6.8	102	89	13.6	70 - 130	30
Acetone	ND	76	73	4.0	<40	<40	NC	70 - 130	30 m
Acrylonitrile	ND	113	107	5.5	110	92	17.8	70 - 130	30
Benzene	ND	117	96	19.7	106	102	3.8	70 - 130	30

QA/QC Data

SDG I.D.: GBD31152

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Bromobenzene	ND	117	96	19.7	104	103	1.0	70 - 130	30
Bromochloromethane	ND	119	102	15.4	104	96	8.0	70 - 130	30
Bromodichloromethane	ND	121	104	15.1	101	95	6.1	70 - 130	30
Bromoform	ND	127	108	16.2	94	90	4.3	70 - 130	30
Bromomethane	ND	107	90	17.3	64	60	6.5	70 - 130	30 m
Carbon Disulfide	ND	98	80	20.2	95	94	1.1	70 - 130	30
Carbon tetrachloride	ND	124	97	24.4	95	94	1.1	70 - 130	30
Chlorobenzene	ND	121	98	21.0	105	104	1.0	70 - 130	30
Chloroethane	ND	114	93	20.3	<40	<40	NC	70 - 130	30 m
Chloroform	ND	120	101	17.2	102	93	9.2	70 - 130	30
Chloromethane	ND	102	86	17.0	102	92	10.3	70 - 130	30
cis-1,2-Dichloroethene	ND	118	101	15.5	103	94	9.1	70 - 130	30
cis-1,3-Dichloropropene	ND	116	101	13.8	102	95	7.1	70 - 130	30
Dibromochloromethane	ND	126	105	18.2	97	95	2.1	70 - 130	30
Dibromomethane	ND	121	107	12.3	107	98	8.8	70 - 130	30
Dichlorodifluoromethane	ND	95	76	22.2	104	99	4.9	70 - 130	30
Ethylbenzene	ND	119	96	21.4	106	106	0.0	70 - 130	30
Hexachlorobutadiene	ND	110	93	16.7	120	112	6.9	70 - 130	30
Isopropylbenzene	ND	123	96	24.7	103	106	2.9	70 - 130	30
m&p-Xylene	ND	119	96	21.4	105	106	0.9	70 - 130	30
Methyl ethyl ketone	ND	78	76	2.6	56	45	21.8	70 - 130	30 m
Methyl t-butyl ether (MTBE)	ND	103	100	3.0	105	89	16.5	70 - 130	30
Methylene chloride	ND	108	92	16.0	96	91	5.3	70 - 130	30
Naphthalene	ND	112	121	7.7	128	98	26.5	70 - 130	30
n-Butylbenzene	ND	115	92	22.2	109	108	0.9	70 - 130	30
n-Propylbenzene	ND	125	97	25.2	105	107	1.9	70 - 130	30
o-Xylene	ND	124	102	19.5	105	105	0.0	70 - 130	30
p-Isopropyltoluene	ND	122	95	24.9	105	107	1.9	70 - 130	30
sec-Butylbenzene	ND	121	93	26.2	104	107	2.8	70 - 130	30
Styrene	ND	117	100	15.7	106	103	2.9	70 - 130	30
tert-Butylbenzene	ND	125	97	25.2	104	107	2.8	70 - 130	30
Tetrachloroethene	ND	120	94	24.3	112	114	1.8	70 - 130	30
Tetrahydrofuran (THF)	ND	108	102	5.7	103	87	16.8	70 - 130	30
Toluene	ND	117	97	18.7	107	103	3.8	70 - 130	30
trans-1,2-Dichloroethene	ND	116	92	23.1	97	95	2.1	70 - 130	30
trans-1,3-Dichloropropene	ND	115	102	12.0	101	92	9.3	70 - 130	30
trans-1,4-dichloro-2-butene	ND	115	108	6.3	93	84	10.2	70 - 130	30
Trichloroethene	ND	125	103	19.3	108	106	1.9	70 - 130	30
Trichlorofluoromethane	ND	117	94	21.8	<40	<40	NC	70 - 130	30 m
Trichlorotrifluoroethane	ND	113	92	20.5	103	102	1.0	70 - 130	30
Vinyl chloride	ND	106	86	20.8	97	94	3.1	70 - 130	30
% 1,2-dichlorobenzene-d4	101	99	101	2.0	100	99	1.0	70 - 130	30
% Bromofluorobenzene	97	99	101	2.0	100	99	1.0	70 - 130	30
% Dibromofluoromethane	103	101	104	2.9	104	97	7.0	70 - 130	30
% Toluene-d8	100	100	100	0.0	100	99	1.0	70 - 130	30

Comment:

Additional 8260 criteria: 10% of compounds can be outside of acceptance criteria as long as recovery is 40-160%.

QA/QC Batch 221457, QC Sample No: BD31358 (BD31161, BD31162)

Volatiles - Soil

1,1,1,2-Tetrachloroethane	ND	116	104	10.9	93	97	4.2	70 - 130	30
1,1,1-Trichloroethane	ND	109	98	10.6	96	92	4.3	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	106	101	4.8	106	104	1.9	70 - 130	30

QA/QC Data

SDG I.D.: GBD31152

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
1,1,2-Trichloroethane	ND	110	104	5.6	95	87	8.8	70 - 130	30
1,1-Dichloroethane	ND	103	98	5.0	91	82	10.4	70 - 130	30
1,1-Dichloroethene	ND	100	92	8.3	90	86	4.5	70 - 130	30
1,1-Dichloropropene	ND	107	93	14.0	97	93	4.2	70 - 130	30
1,2,3-Trichlorobenzene	ND	103	104	1.0	55	49	11.5	70 - 130	30 m
1,2,3-Trichloropropane	ND	117	88	28.3	98	92	6.3	70 - 130	30
1,2,4-Trichlorobenzene	ND	102	98	4.0	60	54	10.5	70 - 130	30 m
1,2,4-Trimethylbenzene	ND	112	99	12.3	93	88	5.5	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	114	112	1.8	106	103	2.9	70 - 130	30
1,2-Dibromoethane	ND	107	103	3.8	94	86	8.9	70 - 130	30
1,2-Dichlorobenzene	ND	108	99	8.7	84	79	6.1	70 - 130	30
1,2-Dichloroethane	ND	104	98	5.9	90	84	6.9	70 - 130	30
1,2-Dichloropropane	ND	107	97	9.8	92	87	5.6	70 - 130	30
1,3,5-Trimethylbenzene	ND	110	97	12.6	94	93	1.1	70 - 130	30
1,3-Dichlorobenzene	ND	109	98	10.6	86	81	6.0	70 - 130	30
1,3-Dichloropropane	ND	107	101	5.8	92	90	2.2	70 - 130	30
1,4-Dichlorobenzene	ND	108	97	10.7	83	79	4.9	70 - 130	30
2,2-Dichloropropane	ND	126	113	10.9	102	99	3.0	70 - 130	30
2-Chlorotoluene	ND	107	94	12.9	91	88	3.4	70 - 130	30
2-Hexanone	ND	124	120	3.3	74	67	9.9	70 - 130	30 m
2-Isopropyltoluene	ND	108	96	11.8	95	90	5.4	70 - 130	30
4-Chlorotoluene	ND	107	94	12.9	91	88	3.4	70 - 130	30
4-Methyl-2-pentanone	ND	108	105	2.8	98	85	14.2	70 - 130	30
Acetone	ND	126	124	1.6	<40	<40	NC	70 - 130	30 m
Acrylonitrile	ND	102	104	1.9	<40	<40	NC	70 - 130	30 m
Benzene	ND	106	94	12.0	92	88	4.4	70 - 130	30
Bromobenzene	ND	109	98	10.6	95	94	1.1	70 - 130	30
Bromochloromethane	ND	109	99	9.6	94	89	5.5	70 - 130	30
Bromodichloromethane	ND	111	101	9.4	91	88	3.4	70 - 130	30
Bromoform	ND	115	107	7.2	90	94	4.3	70 - 130	30
Bromomethane	ND	99	86	14.1	78	72	8.0	70 - 130	30
Carbon Disulfide	ND	92	83	10.3	74	69	7.0	70 - 130	30 m
Carbon tetrachloride	ND	116	98	16.8	96	98	2.1	70 - 130	30
Chlorobenzene	ND	110	98	11.5	88	86	2.3	70 - 130	30
Chloroethane	ND	103	91	12.4	86	85	1.2	70 - 130	30
Chloroform	ND	106	97	8.9	91	85	6.8	70 - 130	30
Chloromethane	ND	92	86	6.7	82	78	5.0	70 - 130	30
cis-1,2-Dichloroethene	ND	106	99	6.8	89	83	7.0	70 - 130	30
cis-1,3-Dichloropropene	ND	108	101	6.7	84	81	3.6	70 - 130	30
Dibromochloromethane	ND	116	107	8.1	95	96	1.0	70 - 130	30
Dibromomethane	ND	107	102	4.8	90	83	8.1	70 - 130	30
Dichlorodifluoromethane	ND	85	78	8.6	86	79	8.5	70 - 130	30
Ethylbenzene	ND	109	96	12.7	93	90	3.3	70 - 130	30
Hexachlorobutadiene	ND	100	95	5.1	69	53	26.2	70 - 130	30 m
Isopropylbenzene	ND	113	97	15.2	104	103	1.0	70 - 130	30
m&p-Xylene	ND	109	97	11.7	90	88	2.2	70 - 130	30
Methyl ethyl ketone	ND	119	124	4.1	59	46	24.8	70 - 130	30 m
Methyl t-butyl ether (MTBE)	ND	95	97	2.1	97	84	14.4	70 - 130	30
Methylene chloride	ND	96	90	6.5	81	76	6.4	70 - 130	30
Naphthalene	ND	102	119	15.4	53	43	20.8	70 - 130	30 m
n-Butylbenzene	ND	108	96	11.8	83	74	11.5	70 - 130	30
n-Propylbenzene	ND	115	100	14.0	100	98	2.0	70 - 130	30
o-Xylene	ND	114	101	12.1	91	89	2.2	70 - 130	30

QA/QC Data

SDG I.D.: GBD31152

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
p-Isopropyltoluene	ND	112	98	13.3	93	87	6.7	70 - 130	30
sec-Butylbenzene	ND	109	96	12.7	95	88	7.7	70 - 130	30
Styrene	ND	109	96	12.7	81	79	2.5	70 - 130	30
tert-Butylbenzene	ND	111	97	13.5	100	96	4.1	70 - 130	30
Tetrachloroethene	ND	111	97	13.5	97	94	3.1	70 - 130	30
Tetrahydrofuran (THF)	ND	102	105	2.9	96	81	16.9	70 - 130	30
Toluene	ND	107	96	10.8	92	88	4.4	70 - 130	30
trans-1,2-Dichloroethene	ND	106	93	13.1	82	80	2.5	70 - 130	30
trans-1,3-Dichloropropene	ND	113	106	6.4	80	77	3.8	70 - 130	30
trans-1,4-dichloro-2-butene	ND	127	125	1.6	89	91	2.2	70 - 130	30
Trichloroethene	ND	114	101	12.1	93	89	4.4	70 - 130	30
Trichlorofluoromethane	ND	103	97	6.0	93	86	7.8	70 - 130	30
Trichlorotrifluoroethane	ND	99	91	8.4	94	87	7.7	70 - 130	30
Vinyl chloride	ND	98	88	10.8	84	80	4.9	70 - 130	30
% 1,2-dichlorobenzene-d4	101	101	101	0.0	99	99	0.0	70 - 130	30
% Bromofluorobenzene	98	97	100	3.0	92	92	0.0	70 - 130	30
% Dibromofluoromethane	105	99	103	4.0	105	101	3.9	70 - 130	30
% Toluene-d8	102	99	99	0.0	97	96	1.0	70 - 130	30

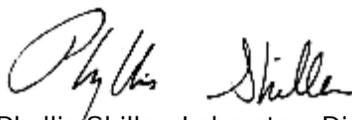
Comment:

Additional 8260 criteria: 10% of compounds can be outside of acceptance criteria as long as recovery is 40-160%.

l = This parameter is outside laboratory lcs/lcsd specified recovery limits.  
 m = This parameter is outside laboratory ms/msd specified recovery limits.  
 r = This parameter is outside laboratory rpd specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference

  
 Phyllis Shiller, Laboratory Director  
 February 25, 2013



**Environmental Laboratories, Inc.**  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823



# NY Temperature Narration

February 25, 2013

SDG I.D.: GBD31152

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The samples in this delivery group were received at 6°C.  
(Note acceptance criteria is above freezing up to 6°C)

**NY/NJ CHAIN OF CUSTODY RECORD**



587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040  
 Email: info@phoenixlabs.com Fax (860) 645-0823

Client Services (860) 645-8726

Data Delivery:  
 Fax #:  
 Email: css@kdeberincny.com

Customer: EBC  
 Address: 1808 Middle County Rd  
Ridge, NY 11961

Project: 588 Myrtle Avenue, Brooklyn  
 Report to: EBC  
 Invoice to: EBC

Project P.O.:  
 Phone #: 631.504.6000  
 Fax #: 631.924.2870

Sampler's Signature: [Signature] Date: 2/14

Analysis Request

Client Sample - Information - Identification

Matrix Code:  
 WW=wastewater S=soil/solid O=oil  
 DW=drinking water SL=sludge A=air X=other

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled
31152	COMPO-4	Soil	2/14	
31161	COMP 4-Basement			
31163	TP1 Comp			
31164	TP2 Comp			
31165	TP3 Comp			
31166	TP4 Comp			
31167	TP5 Comp			
31168	TP6 Comp			

Analysis Request	SOILS	TP1	TP2	TP3	TP4	TP5	TP6
SOIL VOA [Metanol] (1.5 Bisleite) [H2O]	X						
GL Soil container (2) oz	X						
GL Soil container (8) oz	X						
GL Amber 1000ml [As] [H2SO4]							
PL HNO3 250ml							
PL H2SO4 1250ml [500ml] [1000ml]							
PL HNO3 250ml							
Bacteria Bottle							

Requisitioned By: [Signature] Accepted by: \_\_\_\_\_ Date: 2/15/2013 Time: 1040

Turnaround:  
 1 Day\*  
 2 Days\*  
 3 Days\*  
 5 Days  
 10 Days  
 Other  
 \*SURCHARGE APPLIES

NJ Res. Criteria  
 Non-Res. Criteria  
 Impact to GW Soil Cleanup Criteria  
 GW Criteria

NY TOGS GA GW  
 CP-51 Soil  
 NY375 Unrestricted Soil  
 NY375 Residential Soil  
 NY375 Restricted Non-Residential Soil

Data Format  
 Phoenix Std Report  
 Excel  
 PDF  
 GIS/Key  
 EQUIS  
 NJ Hazsite EDD  
 NY EZ EDD (ASP)  
 Other

Data Package  
 NJ Reduced Deliv. \*  
 NY Enhanced (ASP B) \*  
 Other

State where samples were collected: NY

Comments, Special Requirements or Regulations:

## Sarah - Phoenixlabs

---

**From:** Kevin Brussee [kbrussee@ebcincny.com]  
**Sent:** Monday, February 25, 2013 11:10 AM  
**To:** 'Sarah - Phoenixlabs'; 'Charles Sosik'  
**Cc:** 'Kevin Waters'  
**Subject:** RE: 588 Myrtle  
**Attachments:** img-130225162114.pdf

Sarah,

Please use the attached COC for 588 Myrtle Avenue.

<u>New Sample ID</u>	<u>Old Sample ID</u>
Comp 0-4	TP1 Comp 0-4
Comp 4-Basement	The sample jar labeled TP5 Comp 4-12

**Kevin Brussee**  
**Project Manager**



*Environmental Business Consultants*

Ph: 631.504.6000 ext. 114

Fax: 631.924.2870

Cell: 631.338.1749

Kbrussee@ebcincny.com

**Fill Material Certification No. 152**  
**Malanka Landfill, Secaucus, NJ**

**Sending Source:** 586 Myrtle, LLC / Soil Safe

@ 586 Myrtle Avenue, Brooklyn, NY

**Contact:** 586 Myrtle, LLC

845-721-7874

*Name*

*Phone*

**Volume:** 3,000 cy

*Tons/Cubic Yards*

**Material  
Description:**

Construction Fill

- X Due diligence has been completed
- X Application has been received and reviewed
- X Sampling has been completed

**Standards Met**

- Residential
- Non-Residential
- X Material does not exceed Malanka Site Specific Limits

I certify that based on review of the information provided and due diligence of the sending site completed by me or persons under my supervision, that this material complies with the Material Acceptance Protocol approved by NJDEP for this site and the material is acceptable for receipt.

By: \_\_\_\_\_

Affix NJ Professional Engineer Seal Here



Date: \_\_\_\_\_

4/23/2013



April 23, 2013

Mr. Greg Allen  
Secaucus Brownfields Redevelopment LLC  
11 Birch Street  
Midland Park, NJ 07432

Re: Examination of Application  
TPE Certification of Application of Acceptance of Fill  
Site at: 586 Myrtle Avenue, Brooklyn  
Approval #152

Mr. Allen:

This letter is the Third Party Engineering Certification for Application for Acceptance of Fill Materials at the Malanka Landfill. The following documents were reviewed:

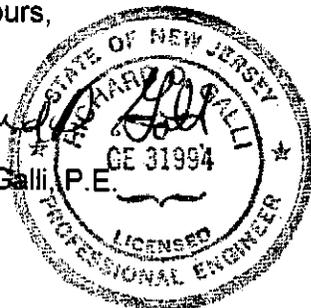
Laboratory reports from Phoenix Laboratories  
Site Sketch  
Application

Review of the Laboratory Report BD31161, from Phoenix Laboratories sampled on 2/14/2013 indicate that the sample results do meet the standards found in the Material Acceptance Protocol for Malanka Landfill dated February 8, 2011. This sample was collected at test pits 1 through 5 at a depth of 4' bgs and deeper. No material from 0'-4' or from the rear courtyard area (0'-TD) is approved for disposal at Malanka.

Material from the Basement area that the above sample represents is approved for disposal at Malanka. The requested entire amount of 3,000 cy is approved at this time.

Sincerely yours,

  
Richard D. Galli, P.E.  
Principal



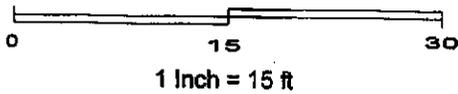
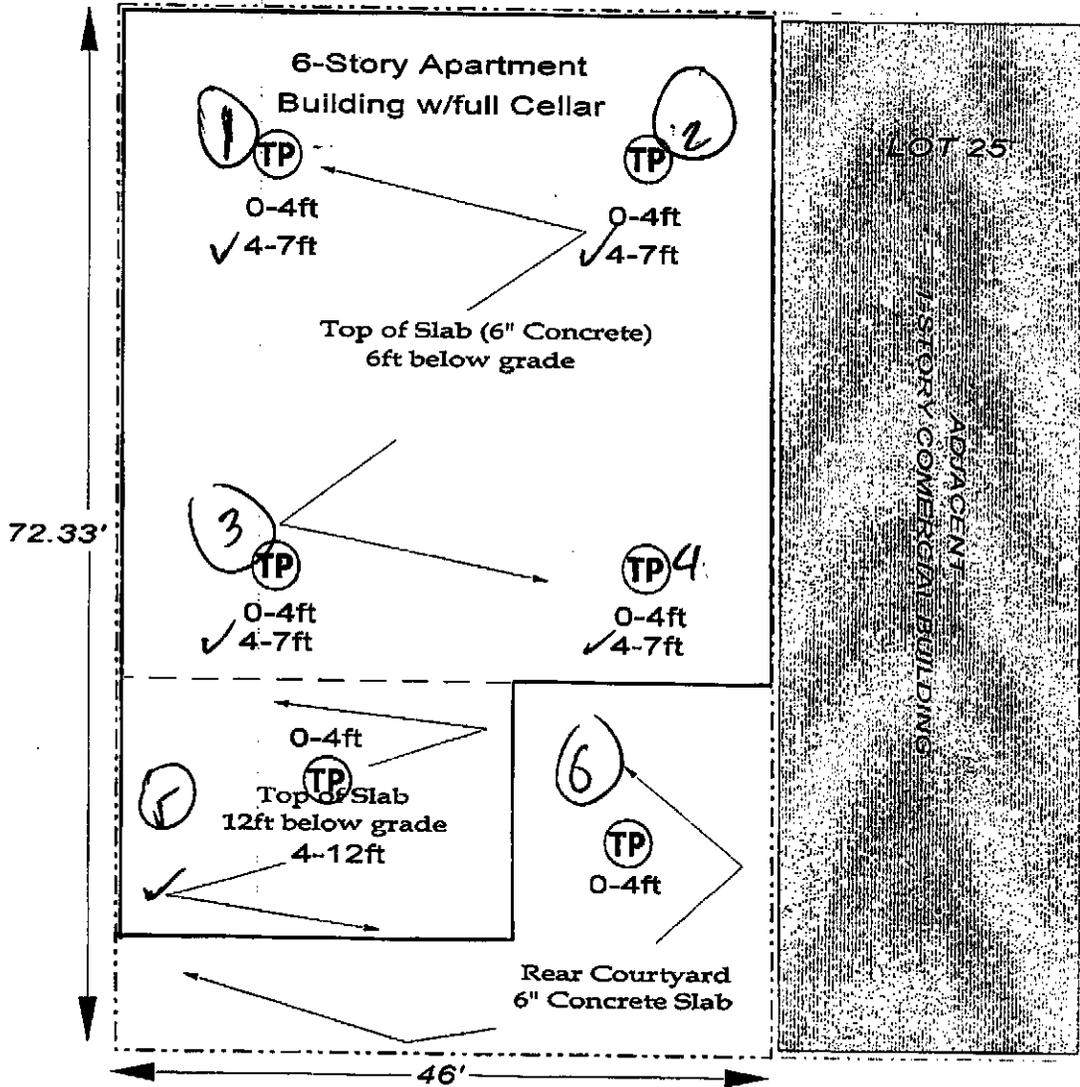
  
Frank Gehrling  
Senior Geologist

# MYRTLE AVENUE



SIDEWALK

CLASSON AVENUE



KEY

Site Boundary



**ENVIRONMENTAL BUSINESS CONSULTANTS**

---

April 24, 2013

Stephen F. Shapiro  
Vice President  
Soil Safe Solutions Group  
2545 Hempstead Turnpike, Ste 201  
East Meadow, NY 11554

**Re: *Facility Acceptance of Soil from  
586 Myrtle Avenue, Brooklyn, New York 11205  
NYCVCP Site No. 13CVCP108K***

Dear Mr. Shapiro:

Environmental Business Consultants (EBC) is seeking to verify the acceptance of soil from a construction site located at 586 Myrtle Avenue, Brooklyn, New York 11205, to the Cumberland County Landfill located in Deerfield Township, Cumberland County, New Jersey. The remediation of the Site is being conducted under a governmental remediation program.

As shown in the attached test pit plan, six test pits were excavated at the site within the areas that require excavation for the new building's basements and rear courtyard. One 5-pt composite soil was formed from the 6-test pits representing the top 4 ft of soil across the Site. The sample was submitted for laboratory analysis of TCLP VOCs, TCLP SVOCs, TCLP Pesticides, TCLP PCBs, TCLP metals, and PCBs. A copy of the laboratory report is attached for your records.

Please verify in writing that this material is acceptable under the terms and conditions of the Cumberland County Landfill operating permit. Please contact me if you have any questions or if anything requires further clarification.

Very truly yours,

Kevin Brussee  
Project Manager



**ENVIRONMENTAL BUSINESS CONSULTANTS**

1808 MIDDLE COUNTRY ROAD | PHONE 631.504.6000  
RIDGE, NY 11961 | FAX 631.924.2870

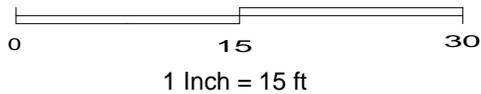
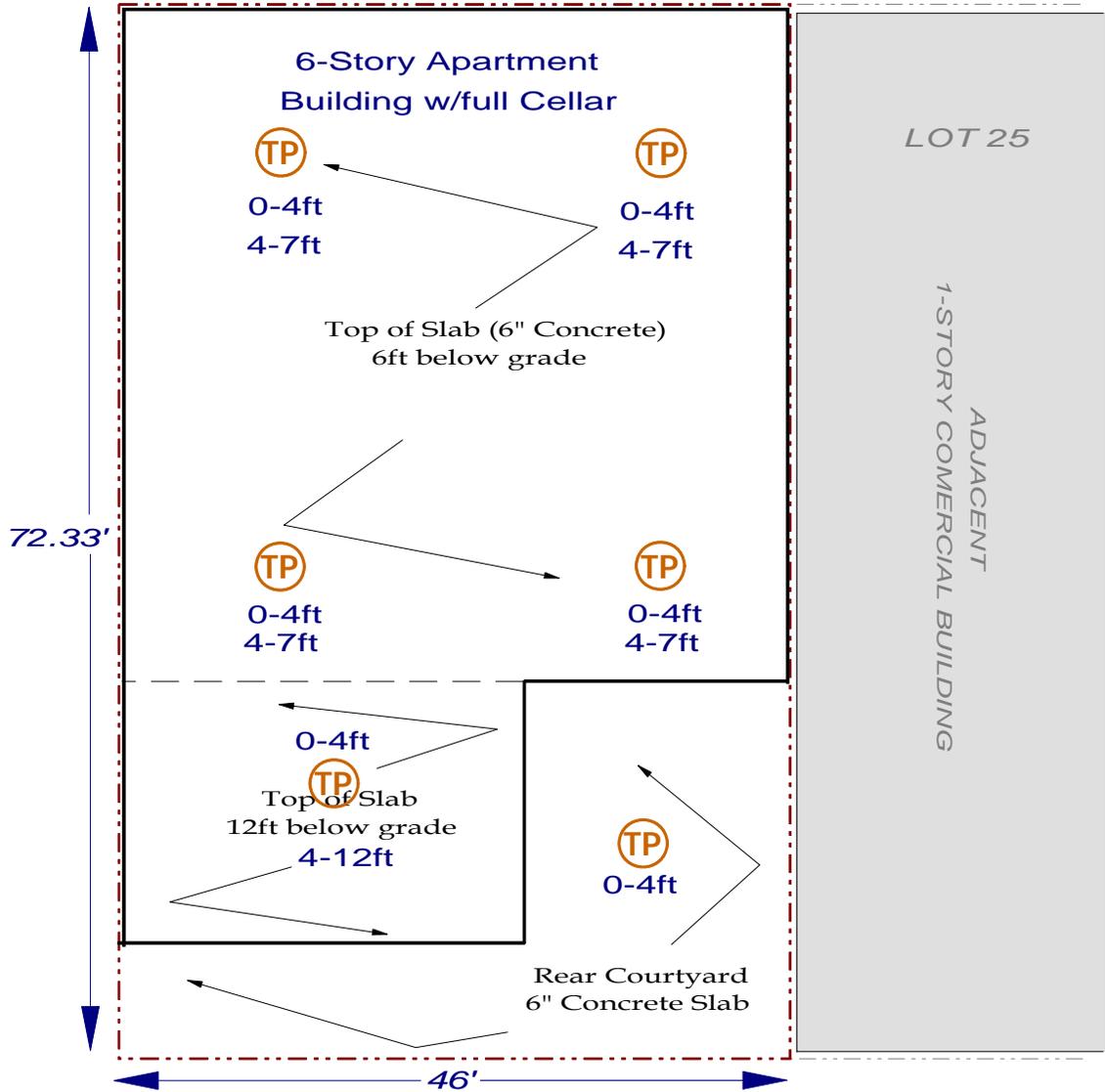
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# MYRTLE AVENUE



SIDEWALK

CLASSON AVENUE



## KEY

 Site Boundary



Friday, March 29, 2013

Attn: Mr. Charles B. Sosik, P.G.  
Environmental Business Consultants  
1808 Middle Country Rd  
Ridge NY 11961-2406

Project ID: 588 MYRTLE AVE., BROOKLYN, NY  
Sample ID#s: BD50325

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

Phyllis Shiller  
Laboratory Director

NELAC - #NY11301  
CT Lab Registration #PH-0618  
MA Lab Registration #MA-CT-007  
ME Lab Registration #CT-007  
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003  
NY Lab Registration #11301  
PA Lab Registration #68-03530  
RI Lab Registration #63  
VT Lab Registration #VT11301



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823



## SDG Comments

March 29, 2013

SDG I.D.: GBD50325

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BD50325 - The pH in the preserved vial was greater than 2.



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823



# Analysis Report

March 29, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

## Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

## Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

Date Time  
 03/21/13 13:30  
 03/22/13 16:02

## Laboratory Data

SDG ID: GBD50325  
 Phoenix ID: BD50325

Project ID: 588 MYRTLE AVE., BROOKLYN, NY  
 Client ID: COMP 0-4

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
TCLP Silver	< 0.10	0.10	mg/L	03/25/13	TH	SW6010
TCLP Arsenic	< 0.10	0.10	mg/L	03/25/13	TH	SW6010
TCLP Barium	0.70	0.10	mg/L	03/25/13	LK	SW6010 B
TCLP Cadmium	< 0.050	0.050	mg/L	03/25/13	TH	SW6010
TCLP Chromium	< 0.10	0.10	mg/L	03/25/13	TH	SW6010
TCLP Mercury	< 0.0002	0.0002	mg/L	03/25/13	RS	SW7470
TCLP Lead	3.29	0.10	mg/L	03/25/13	TH	SW6010
TCLP Selenium	< 0.10	0.10	mg/L	03/25/13	TH	SW6010
TCLP Metals Digestion	Completed			03/25/13	X/X	SW3005
Percent Solid	87		%	03/22/13	JL	E160.3
Soil Extraction for PCB	Completed			03/22/13	JB/V	SW3545
TCLP Digestion Mercury	Completed			03/25/13	X/X	E1311/7470
TCLP Herbicides Extraction	Completed			03/25/13	D/D	SW8150 Mod
TCLP Extraction for Metals	Completed			03/22/13	X	EPA 1311
TCLP Extraction for Organics	Completed			03/22/13	X	1311
TCLP Pesticides Extraction	Completed			03/25/13	BT	SW3510
TCLP Semi-Volatile Extraction	Completed			03/25/13	BT	SW3510
TCLP Extraction Volatiles	Completed			03/22/13	Y	EPA 1311

## Polychlorinated Biphenyls

PCB-1016	ND	380	ug/Kg	03/25/13	AW	SW 8082
PCB-1221	ND	380	ug/Kg	03/25/13	AW	SW 8082
PCB-1232	ND	380	ug/Kg	03/25/13	AW	SW 8082
PCB-1242	ND	380	ug/Kg	03/25/13	AW	SW 8082
PCB-1248	ND	380	ug/Kg	03/25/13	AW	SW 8082
PCB-1254	ND	380	ug/Kg	03/25/13	AW	SW 8082
PCB-1260	1400	380	ug/Kg	03/25/13	AW	SW 8082
PCB-1262	ND	380	ug/Kg	03/25/13	AW	SW 8082
PCB-1268	ND	380	ug/Kg	03/25/13	AW	SW 8082

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
<b><u>QA/QC Surrogates</u></b>						
% DCBP	82		%	03/25/13	AW	30 - 150 %
% TCMX	83		%	03/25/13	AW	30 - 150 %
<b><u>TCLP Herbicides</u></b>						
2,4,5-TP (Silvex)	ND	4.2	ug/L	03/27/13	JRB	SW8151
2,4-D	ND	4.2	ug/L	03/27/13	JRB	SW8151
<b><u>QA/QC Surrogates</u></b>						
% DCAA	58		%	03/27/13	JRB	30 - 150 %
<b><u>TCLP Pesticides</u></b>						
4,4' -DDD	ND	1.0	ug/L	03/26/13	MH	SW 8081
4,4' -DDE	ND	1.0	ug/L	03/26/13	MH	SW 8081
4,4' -DDT	ND	1.0	ug/L	03/26/13	MH	SW 8081
a-BHC	ND	0.50	ug/L	03/26/13	MH	SW 8081
Alachlor	ND	0.50	ug/L	03/26/13	MH	SW 8081
Aldrin	ND	0.50	ug/L	03/26/13	MH	SW 8081
b-BHC	ND	0.50	ug/L	03/26/13	MH	SW 8081
Chlordane	ND	3.0	ug/L	03/26/13	MH	SW 8081
d-BHC	ND	0.50	ug/L	03/26/13	MH	SW 8081
Dieldrin	ND	1.0	ug/L	03/26/13	MH	SW 8081
Endosulfan I	ND	0.50	ug/L	03/26/13	MH	SW 8081
Endosulfan II	ND	1.0	ug/L	03/26/13	MH	SW 8081
Endosulfan Sulfate	ND	1.0	ug/L	03/26/13	MH	SW 8081
Endrin	ND	1.0	ug/L	03/26/13	MH	SW 8081
Endrin Aldehyde	ND	1.0	ug/L	03/26/13	MH	SW 8081
g-BHC (Lindane)	ND	0.50	ug/L	03/26/13	MH	SW 8081
Heptachlor	ND	0.50	ug/L	03/26/13	MH	SW 8081
Heptachlor epoxide	ND	0.50	ug/L	03/26/13	MH	SW 8081
Methoxychlor	ND	2.0	ug/L	03/26/13	MH	SW 8081
Toxaphene	ND	10.0	ug/L	03/26/13	MH	SW 8081
<b><u>QA/QC Surrogates</u></b>						
%DCBP (Surrogate Rec)	83		%	03/26/13	MH	30 - 150 %
%TCMX (Surrogate Rec)	69		%	03/26/13	MH	30 - 150 %
<b><u>TCLP Volatiles</u></b>						
1,1-Dichloroethene	ND	50	ug/L	03/26/13	H/J	SW8260
1,2-Dichloroethane	ND	50	ug/L	03/26/13	H/J	SW8260
Benzene	ND	50	ug/L	03/26/13	H/J	SW8260
Carbon tetrachloride	ND	50	ug/L	03/26/13	H/J	SW8260
Chlorobenzene	ND	50	ug/L	03/26/13	H/J	SW8260
Chloroform	ND	50	ug/L	03/26/13	H/J	SW8260
Methyl ethyl ketone	ND	50	ug/L	03/26/13	H/J	SW8260
Tetrachloroethene	ND	50	ug/L	03/26/13	H/J	SW8260
Trichloroethene	ND	50	ug/L	03/26/13	H/J	SW8260
Vinyl chloride	ND	50	ug/L	03/26/13	H/J	SW8260
<b><u>QA/QC Surrogates</u></b>						
% 1,2-dichlorobenzene-d4	102		%	03/26/13	H/J	70 - 130 %
% Bromofluorobenzene	94		%	03/26/13	H/J	70 - 130 %
% Dibromofluoromethane	102		%	03/26/13	H/J	70 - 130 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Toluene-d8	102		%	03/26/13	H/J	70 - 130 %
<b><u>TCLP Acid/Base-Neutral</u></b>						
1,4-Dichlorobenzene	ND	83	ug/L	03/26/13	DD	SW 8270
2,4,5-Trichlorophenol	ND	83	ug/L	03/26/13	DD	SW 8270
2,4,6-Trichlorophenol	ND	83	ug/L	03/26/13	DD	SW 8270
2,4-Dinitrotoluene	ND	83	ug/L	03/26/13	DD	SW 8270
2-Methylphenol (o-cresol)	ND	83	ug/L	03/26/13	DD	SW 8270
3&4-Methylphenol (m&p-Cresol)	ND	83	ug/L	03/26/13	DD	SW 8270
Hexachlorobenzene	ND	83	ug/L	03/26/13	DD	SW 8270
Hexachlorobutadiene	ND	83	ug/L	03/26/13	DD	SW 8270
Hexachloroethane	ND	83	ug/L	03/26/13	DD	SW 8270
Nitrobenzene	ND	83	ug/L	03/26/13	DD	SW 8270
Pentachlorophenol	ND	83	ug/L	03/26/13	DD	SW 8270
Pyridine	ND	83	ug/L	03/26/13	DD	SW 8270
<b><u>QA/QC Surrogates</u></b>						
% 2,4,6-Tribromophenol	99		%	03/26/13	DD	15 - 130 %
% 2-Fluorobiphenyl	87		%	03/26/13	DD	30 - 130 %
% 2-Fluorophenol	68		%	03/26/13	DD	15 - 130 %
% Nitrobenzene-d5	90		%	03/26/13	DD	30 - 130 %
% Phenol-d5	60		%	03/26/13	DD	15 - 130 %
% Terphenyl-d14	91		%	03/26/13	DD	30 - 130 %

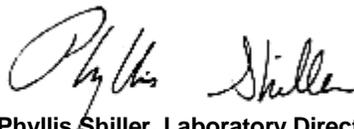
1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.  
 B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
 BRL=Below Reporting Level

**Comments:**

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.  
 This report must not be reproduced except in full as defined by the attached chain of custody.



**Phyllis Shiller, Laboratory Director**

**March 29, 2013**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823



# QA/QC Report

March 29, 2013

## QA/QC Data

SDG I.D.: GBD50325

Parameter	Blank	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 224179, QC Sample No: BD49714 (BD50325)												
<u>ICP Metals - TCLP Extraction</u>												
Arsenic	BRL	<0.01	<0.01	NC	107	110	2.8	112	112	0.0	75 - 125	20
Barium	0.02	0.38	0.38	0	98.4	98.4	0.0	91.2	93.0	2.0	75 - 125	20
Cadmium	BRL	<0.005	<0.005	NC	97.7	98.9	1.2	95.3	94.5	0.8	75 - 125	20
Chromium	BRL	<0.010	<0.010	NC	93.0	94.3	1.4	93.8	93.3	0.5	75 - 125	20
Lead	BRL	0.021	0.021	NC	90.9	91.8	1.0	90.6	89.8	0.9	75 - 125	20
Selenium	BRL	0.01	<0.01	NC	113	116	2.6	115	116	0.9	75 - 125	20
Silver	BRL	<0.010	<0.010	NC	101	98.8	2.2	102	103	1.0	75 - 125	20

QA/QC Batch 224280, QC Sample No: BD49873 (BD50325)

Mercury - Water	BRL	<0.0002	<0.0002	NC	118	131	10.4	118	113	4.3	70 - 130	20	I
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Comment:

Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%.

I = This parameter is outside laboratory lcs/lcsd specified recovery limits.



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 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823



# QA/QC Report

March 29, 2013

## QA/QC Data

SDG I.D.: GBD50325

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 223927, QC Sample No: BD48112 (BD50325)									
<u>Chlorinated Herbicides</u>									
2,4,5-TP (Silvex)	ND	84	84	0.0				40 - 140	20
2,4-D	ND	85	88	3.5				40 - 140	20
% DCAA (Surrogate Rec)	85	80	86	7.2				30 - 150	20

Comment:

A LCS and LCS duplicate were performed instead of a matrix spike and matrix spike duplicate, unless otherwise noted.

QA/QC Batch 224128, QC Sample No: BD49958 (BD50325)

### Polychlorinated Biphenyls - Soil

PCB-1016	ND	75	79	5.2	81	76	6.4	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	80	85	6.1	87	85	2.3	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	64	76	81	6.4	83	81	2.4	30 - 150	30
% TCMX (Surrogate Rec)	64	76	80	5.1	84	83	1.2	30 - 150	30

QA/QC Batch 224756, QC Sample No: BD50325 (BD50325)

### Volatiles - TCLP

1,1-Dichloroethene	ND	101	95	6.1				70 - 130	30
1,2-Dichloroethane	ND	109	108	0.9				70 - 130	30
Benzene	ND	108	105	2.8				70 - 130	30
Carbon tetrachloride	ND	116	113	2.6				70 - 130	30
Chlorobenzene	ND	106	105	0.9				70 - 130	30
Chloroform	ND	113	111	1.8				70 - 130	30
Methyl ethyl ketone	ND	89	88	1.1				70 - 130	30
Tetrachloroethene	ND	108	108	0.0				70 - 130	30
Trichloroethene	ND	114	114	0.0				70 - 130	30
Vinyl chloride	ND	78	81	3.8				70 - 130	30
% 1,2-dichlorobenzene-d4	101	102	100	2.0				70 - 130	30
% Bromofluorobenzene	96	101	99	2.0				70 - 130	30
% Dibromofluoromethane	100	106	101	4.8				70 - 130	30
% Toluene-d8	100	102	101	1.0				70 - 130	30

Comment:

Additional 8260 criteria: 10% of compounds can be outside of acceptance criteria as long as recovery is 40-160%.

QA/QC Batch 224345, QC Sample No: BD50325 (BD50325)

### Semivolatiles

1,4-Dichlorobenzene	ND	92	94	2.2				30 - 130	20
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## QA/QC Data

SDG I.D.: GBD50325

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
2,4,5-Trichlorophenol	ND	105	104	1.0				30 - 130	20
2,4,6-Trichlorophenol	ND	101	102	1.0				30 - 130	20
2,4-Dinitrotoluene	ND	101	102	1.0				30 - 130	20
2-Methylphenol (o-cresol)	ND	88	88	0.0				30 - 130	20
3&4-Methylphenol (m&p-cresol)	ND	88	86	2.3				30 - 130	20
Hexachlorobenzene	ND	100	101	1.0				30 - 130	20
Hexachlorobutadiene	ND	96	92	4.3				30 - 130	20
Hexachloroethane	ND	92	94	2.2				30 - 130	20
Nitrobenzene	ND	97	97	0.0				30 - 130	20
Pentachlorophenol	ND	118	112	5.2				30 - 130	20
Pyridine	ND	50	53	5.8				30 - 130	20
% 2,4,6-Tribromophenol	70	101	102	1.0				15 - 130	20
% 2-Fluorobiphenyl	63	96	95	1.0				30 - 130	20
% 2-Fluorophenol	62	76	79	3.9				15 - 130	20
% Nitrobenzene-d5	66	93	94	1.1				30 - 130	20
% Phenol-d5	52	63	62	1.6				15 - 130	20
% Terphenyl-d14	72	101	101	0.0				30 - 130	20

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

Additional 8270 criteria: 20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

QA/QC Batch 224344, QC Sample No: BD50876 (BD50325)

### Pesticides

4,4' -DDD	ND	72	101	33.5				40 - 140	20	r
4,4' -DDE	ND	75	105	33.3				40 - 140	20	r
4,4' -DDT	ND	64	89	32.7				40 - 140	20	r
a-BHC	ND	74	97	26.9				40 - 140	20	r
a-Chlordane	ND	76	103	30.2				40 - 140	20	r
Alachlor	ND	N/A	N/A	NC				40 - 140	20	
Aldrin	ND	65	91	33.3				40 - 140	20	r
b-BHC	ND	72	96	28.6				40 - 140	20	r
Chlordane	ND	N/A	N/A	NC				40 - 140	20	
d-BHC	ND	71	96	29.9				40 - 140	20	r
Dieldrin	ND	73	100	31.2				40 - 140	20	r
Endosulfan I	ND	75	101	29.5				40 - 140	20	r
Endosulfan II	ND	73	97	28.2				40 - 140	20	r
Endosulfan sulfate	ND	74	103	32.8				40 - 140	20	r
Endrin	ND	76	103	30.2				40 - 140	20	r
Endrin aldehyde	ND	74	99	28.9				40 - 140	20	r
g-BHC	ND	71	96	29.9				40 - 140	20	r
g-Chlordane	ND	73	99	30.2				40 - 140	20	r
Heptachlor	ND	63	86	30.9				40 - 140	20	r
Heptachlor epoxide	ND	73	99	30.2				40 - 140	20	r
Methoxychlor	ND	62	85	31.3				40 - 140	20	r
Toxaphene	ND	N/A	N/A	NC				40 - 140	20	
% DCBP	88	70	93	28.2				30 - 150	20	r
% TCMX	84	63	78	21.3				30 - 150	20	r

Comment:

A LCS and LCS duplicate were performed instead of a matrix spike and matrix spike duplicate, unless otherwise noted. Alpha and gamma chlordane were spiked and analyzed instead of technical chlordane.

r = This parameter is outside laboratory rpd specified recovery limits.

QA/QC Data

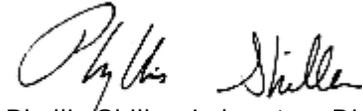
SDG I.D.: GBD50325

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
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If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference



Phyllis Shiller, Laboratory Director  
March 29, 2013

**Sample Criteria Exceedences Report**

Requested Criteria: 375, 375RRS

**GBD50325 - EBC**

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BD50325	\$PCB_SMR	PCB-1016	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	380	100	100	ug/Kg
BD50325	\$PCB_SMR	PCB-1221	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	380	100	100	ug/Kg
BD50325	\$PCB_SMR	PCB-1232	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	380	100	100	ug/Kg
BD50325	\$PCB_SMR	PCB-1242	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	380	100	100	ug/Kg
BD50325	\$PCB_SMR	PCB-1248	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	380	100	100	ug/Kg
BD50325	\$PCB_SMR	PCB-1254	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	380	100	100	ug/Kg
BD50325	\$PCB_SMR	PCB-1260	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	1400	380	100	100	ug/Kg

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



**Environmental Laboratories, Inc.**  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823



# NY Temperature Narration

March 29, 2013

SDG I.D.: GBD50325

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The samples in this delivery group were received at 4°C.  
(Note acceptance criteria is above freezing up to 6°C)





June 13, 2013

Mr. Stephen F. Shapiro  
Soil Safe Solutions Group  
2545 Hempstead Turnpike, Ste 201  
East Meadow, NY 11554

RE: Landfill Daily Cover Soil  
588 Myrtle Ave.  
New York, NY

Dear Mr. Shapiro:

Based on the review of the results you provided the Authority from Phoenix Laboratories Inc. (Lab # BD50325), I have determined that this soil meets the criteria for non-hazardous I.D. 27 soil and is acceptable for use as daily cover at the Cumberland County Solid Waste Complex. Accordingly the soil may be delivered to the Cumberland County Solid Waste Complex for use as daily cover.

All debris (wood, plastic paper, etc.) must be removed from the soil prior to delivery.

All concrete, brick, blocks, and rock over 6 inch in any dimension must be removed prior to delivery.

Per our various discussions, sampling and analysis is to be conducted at the rate of one per 1,000 cubic yards of soil. This letter is granting approval for approx. 750 tons. The results of the additional sampling are to be submitted as soon as possible.

All trucks transporting the above referenced soil to the Cumberland County Solid Waste Complex must be A-901 registered vehicles, must have towing hooks both front and rear and must be properly tarped.

Each truck delivering soil from the above referenced site must present a copy of the attached form signed by me to the weigh-master upon arrival at the Cumberland County Solid Waste Complex along with Soil Safe Solutions Group's "Shipping Documents". Trucks not presenting a copy of this form to the scale house will be denied admittance to the facility.

All trucks transporting the above referenced soil must be weighed at the Cumberland County Solid Waste Complex and will then be directed either to the working face of the landfill or to the soil stockpile area where the load will be tipped.

Delivery of the soil to the Cumberland County Solid Waste Complex may begin on Friday, June 14, 2013 contingent upon the submission of a list of the A-901 license numbers of the trucks (if different those already on file with us) that will be used to transport the soil.



Mr. Stephen F. Shapiro  
June 13, 2013  
Page Two

Please call Mr. Craig Truitt at (856) 825-3700 regarding any rescheduling of the delivery of the soil to the landfill.

Very Truly Yours,

A handwritten signature in black ink, appearing to read "James B. Rocco", written over a horizontal line.

James B. Rocco

cc: Jerry Velazquez, III, Executive Director  
Craig Truitt, Facility Manager  
Scale Personnel  
Accounts Receivable

**APPENDIX G**  
***Brick Disposal Tickets***

# Statement

EAGLE CONTAINER  
 177 PENN STREET  
 BROOKLYN, NY 11211  
 P 718-767-9100 F 718-388-2912  
 BIC # 1918

Date
8/9/2013

To:
588 MYRTLE LLC

		Amount Due	Amount Enc.		
		\$15,697.00			
Date	Transaction	Amount	Balance		
07/17/2013	INV #10351. Due 07/17/2013. Orig. Amount \$700.00.	700.00	700.00		
07/17/2013	INV #10352. Due 07/17/2013. Orig. Amount \$700.00.	700.00	1,400.00		
07/17/2013	INV #10353. Due 07/17/2013. Orig. Amount \$700.00.	700.00	2,100.00		
07/17/2013	INV #10354. Due 07/17/2013. Orig. Amount \$700.00.	700.00	2,800.00		
07/23/2013	INV #10381. Due 07/23/2013. Orig. Amount \$700.00.	700.00	3,500.00		
07/23/2013	INV #10382. Due 07/23/2013. Orig. Amount \$700.00.	700.00	4,200.00		
07/23/2013	INV #10383. Due 07/23/2013. Orig. Amount \$799.00.	799.00	4,999.00		
07/23/2013	INV #10384. Due 07/23/2013. Orig. Amount \$799.00.	799.00	5,798.00		
07/23/2013	INV #10386. Due 07/23/2013. Orig. Amount \$700.00.	700.00	6,498.00		
07/23/2013	INV #10387. Due 07/23/2013. Orig. Amount \$700.00.	700.00	7,198.00		
07/23/2013	INV #10388. Due 07/23/2013. Orig. Amount \$700.00.	700.00	7,898.00		
07/23/2013	INV #10389. Due 07/23/2013. Orig. Amount \$700.00.	700.00	8,598.00		
07/23/2013	INV #10390. Due 07/23/2013. Orig. Amount \$700.00.	700.00	9,298.00		
07/23/2013	INV #10391. Due 07/23/2013. Orig. Amount \$700.00.	700.00	9,998.00		
07/23/2013	INV #10392. Due 07/23/2013. Orig. Amount \$799.00.	799.00	10,797.00		
07/25/2013	INV #10403. Due 07/25/2013. Orig. Amount \$700.00.	700.00	11,497.00		
07/25/2013	INV #10404. Due 07/25/2013. Orig. Amount \$700.00.	700.00	12,197.00		
07/25/2013	INV #10406. Due 08/09/2013. Orig. Amount \$700.00.	700.00	12,897.00		
07/25/2013	INV #10407. Due 07/25/2013. Orig. Amount \$700.00.	700.00	13,597.00		
08/08/2013	INV #10476. Due 08/08/2013. Orig. Amount \$700.00.	700.00	14,297.00		
08/08/2013	INV #10478. Due 08/08/2013. Orig. Amount \$700.00.	700.00	14,997.00		
08/08/2013	INV #10479. Due 08/08/2013. Orig. Amount \$700.00.	700.00	15,697.00		
CURRENT	1-30 DAYS PAST DUE	31-60 DAYS PAST DUE	61-90 DAYS PAST DUE	OVER 90 DAYS PAST DUE	Amount Due
700.00	14,997.00	0.00	0.00	0.00	\$15,697.00

EAGLE CONTAINER

177 PENN STREET  
BROOKLYN, NY 11211  
P 718-767-9100 F 718-388-2912  
BIC # 1918

# Invoice

Date	Invoice #
7/17/2013	10351

Bill To
588 Myrtle LLC.

Drop off
588 Myrtle Ave Brooklyn, NY

P.O. No.	Terms	Pick Up Date
	Due on receipt	7/17/2013

Description	Amount
15 Yard Container Bricks Live Load	700.00

	<b>Subtotal</b>	\$700.00
	<b>Sales Tax (8.875%)</b>	\$0.00
	<b>Total</b>	\$700.00
	<b>Balance Due</b>	\$700.00

EAGLE CONTAINER

177 PENN STREET  
BROOKLYN, NY 11211  
P 718-767-9100 F 718-388-2912  
BIC # 1918

# Invoice

Date	Invoice #
7/17/2013	10352

Bill To
588 Myrtle LLC.

Drop off
588 Myrtle Ave. Brooklyn, NY

P.O. No.	Terms	Pick Up Date
	Due on receipt	7/17/2013

Description	Amount
15 Yard Container Bricks Live Load	700.00

<b>Subtotal</b>	\$700.00
<b>Sales Tax (8.875%)</b>	\$0.00
<b>Total</b>	\$700.00
<b>Balance Due</b>	\$700.00

EAGLE CONTAINER

177 PENN STREET  
BROOKLYN, NY 11211  
P 718-767-9100 F 718-388-2912  
BIC # 1918

# Invoice

Date	Invoice #
7/17/2013	10353

Bill To
588 Myrtle LLC.

Drop off
588 Myrtle Ave. Brooklyn, NY

P.O. No.	Terms	Pick Up Date
	Due on receipt	7/17/2013

Description	Amount
15 Yard Container Bricks Live Load	700.00

	<b>Subtotal</b>	\$700.00
	<b>Sales Tax (8.875%)</b>	\$0.00
	<b>Total</b>	\$700.00
	<b>Balance Due</b>	\$700.00

EAGLE CONTAINER

177 PENN STREET  
BROOKLYN, NY 11211  
P 718-767-9100 F 718-388-2912  
BIC # 1918

# Invoice

Date	Invoice #
7/17/2013	10354

Bill To
588 Myrtle LLC.

Drop off
588 Myrtle Ave. Brooklyn, NY

P.O. No.	Terms	Pick Up Date
	Due on receipt	7/17/2013

Description	Amount
15 Yard Container Bricks Live Load	700.00

<b>Subtotal</b>	\$700.00
<b>Sales Tax (8.875%)</b>	\$0.00
<b>Total</b>	\$700.00
<b>Balance Due</b>	\$700.00

EAGLE CONTAINER

177 PENN STREET  
BROOKLYN, NY 11211  
P 718-767-9100 F 718-388-2912  
BIC # 1918

# Invoice

Date	Invoice #
7/23/2013	10381

Bill To
588 Myrtle LLC.

Drop off
588 Myrtle Ave. Brooklyn, NY

P.O. No.	Terms	Pick Up Date
	Due on receipt	7/23/2013

Description	Amount
15 Yard Container	700.00

<b>Subtotal</b>	\$700.00
<b>Sales Tax (8.875%)</b>	\$0.00
<b>Total</b>	\$700.00
<b>Balance Due</b>	\$700.00

EAGLE CONTAINER

177 PENN STREET  
BROOKLYN, NY 11211  
P 718-767-9100 F 718-388-2912  
BIC # 1918

# Invoice

Date	Invoice #
7/23/2013	10382

Bill To
588 Myrtle LLC.

Drop off
588 Myrtle Ave. Brooklyn, NY

P.O. No.	Terms	Pick Up Date
	Due on receipt	7/23/2013

Description	Amount
15 Yard Container	700.00

<b>Subtotal</b>	\$700.00
<b>Sales Tax (8.875%)</b>	\$0.00
<b>Total</b>	\$700.00
<b>Balance Due</b>	\$700.00

EAGLE CONTAINER

177 PENN STREET  
BROOKLYN, NY 11211  
P 718-767-9100 F 718-388-2912  
BIC # 1918

# Invoice

Date	Invoice #
7/23/2013	10383

Bill To
588 Myrtle LLC.

Drop off
588 Myrtle Ave. Brooklyn, NY

P.O. No.	Terms	Pick Up Date
	Due on receipt	7/23/2013

Description	Amount
18 Yard Container	799.00

<b>Subtotal</b>	\$799.00
<b>Sales Tax (8.875%)</b>	\$0.00
<b>Total</b>	\$799.00
<b>Balance Due</b>	\$799.00

EAGLE CONTAINER

177 PENN STREET  
BROOKLYN, NY 11211  
P 718-767-9100 F 718-388-2912  
BIC # 1918

# Invoice

Date	Invoice #
7/23/2013	10384

Bill To
588 Myrtle LLC.

Drop off
588 Myrtle Ave. Brooklyn, NY

P.O. No.	Terms	Pick Up Date
	Due on receipt	7/23/2013

Description	Amount
18 Yard Container	799.00

<b>Subtotal</b>	\$799.00
<b>Sales Tax (8.875%)</b>	\$0.00
<b>Total</b>	\$799.00
<b>Balance Due</b>	\$799.00

EAGLE CONTAINER

177 PENN STREET  
BROOKLYN, NY 11211  
P 718-767-9100 F 718-388-2912  
BIC # 1918

# Invoice

Date	Invoice #
7/23/2013	10386

Bill To
588 Myrtle LLC.

Drop off
588 Myrtle Ave. Brooklyn, NY

P.O. No.	Terms	Pick Up Date
	Due on receipt	7/23/2013

Description	Amount
15 Yard Container	700.00

<b>Subtotal</b>	\$700.00
<b>Sales Tax (8.875%)</b>	\$0.00
<b>Total</b>	\$700.00
<b>Balance Due</b>	\$700.00

EAGLE CONTAINER

177 PENN STREET  
BROOKLYN, NY 11211  
P 718-767-9100 F 718-388-2912  
BIC # 1918

# Invoice

Date	Invoice #
7/23/2013	10387

Bill To
588 Myrtle LLC.

Drop off
588 Myrtle Ave. Brooklyn, NY

P.O. No.	Terms	Pick Up Date
	Due on receipt	7/23/2013

Description	Amount
15 Yard Container	700.00

<b>Subtotal</b>	\$700.00
<b>Sales Tax (8.875%)</b>	\$0.00
<b>Total</b>	\$700.00
<b>Balance Due</b>	\$700.00

EAGLE CONTAINER

177 PENN STREET  
BROOKLYN, NY 11211  
P 718-767-9100 F 718-388-2912  
BIC # 1918

# Invoice

Date	Invoice #
7/23/2013	10388

Bill To
588 Myrtle LLC.

Drop off
588 Myrtle Ave. Brooklyn, NY

P.O. No.	Terms	Pick Up Date
	Due on receipt	7/23/2013

Description	Amount
15 Yard Container	700.00

<b>Subtotal</b>	\$700.00
<b>Sales Tax (8.875%)</b>	\$0.00
<b>Total</b>	\$700.00
<b>Balance Due</b>	\$700.00

EAGLE CONTAINER

177 PENN STREET  
BROOKLYN, NY 11211  
P 718-767-9100 F 718-388-2912  
BIC # 1918

# Invoice

Date	Invoice #
7/23/2013	10389

Bill To
588 Myrtle LLC.

Drop off
588 Myrtle Ave. Brooklyn, NY

P.O. No.	Terms	Pick Up Date
	Due on receipt	7/23/2013

Description	Amount
15 Yard Container	700.00

<b>Subtotal</b>	\$700.00
<b>Sales Tax (8.875%)</b>	\$0.00
<b>Total</b>	\$700.00
<b>Balance Due</b>	\$700.00

EAGLE CONTAINER

177 PENN STREET  
BROOKLYN, NY 11211  
P 718-767-9100 F 718-388-2912  
BIC # 1918

# Invoice

Date	Invoice #
7/23/2013	10390

Bill To
588 Myrtle LLC.

Drop off
588 Myrtle Ave. Brooklyn, NY

P.O. No.	Terms	Pick Up Date
	Due on receipt	7/23/2013

Description	Amount
15 Yard Container	700.00

<b>Subtotal</b>	\$700.00
<b>Sales Tax (8.875%)</b>	\$0.00
<b>Total</b>	\$700.00
<b>Balance Due</b>	\$700.00

EAGLE CONTAINER

177 PENN STREET  
BROOKLYN, NY 11211  
P 718-767-9100 F 718-388-2912  
BIC # 1918

# Invoice

Date	Invoice #
7/23/2013	10391

Bill To
588 Myrtle LLC.

Drop off
588 Myrtle Ave. Brooklyn, NY

P.O. No.	Terms	Pick Up Date
	Due on receipt	7/23/2013

Description	Amount
15 Yard Container	700.00

	<b>Subtotal</b>	\$700.00
	<b>Sales Tax (8.875%)</b>	\$0.00
	<b>Total</b>	\$700.00
	<b>Balance Due</b>	\$700.00

EAGLE CONTAINER

177 PENN STREET  
BROOKLYN, NY 11211  
P 718-767-9100 F 718-388-2912  
BIC # 1918

# Invoice

Date	Invoice #
7/23/2013	10392

Bill To
588 Myrtle LLC.

Drop off
588 Myrtle Ave. Brooklyn, NY

P.O. No.	Terms	Pick Up Date
	Due on receipt	7/23/2013

Description	Amount
18 Yard Container	799.00

<b>Subtotal</b>	\$799.00
<b>Sales Tax (8.875%)</b>	\$0.00
<b>Total</b>	\$799.00
<b>Balance Due</b>	\$799.00

EAGLE CONTAINER

177 PENN STREET  
BROOKLYN, NY 11211  
P 718-767-9100 F 718-388-2912  
BIC # 1918

# Invoice

Date	Invoice #
7/25/2013	10403

Bill To
588 Myrtle LLC.

Drop off
588 Myrtle Ave. Brooklyn, NY

P.O. No.	Terms	Pick Up Date
	Due on receipt	7/25/2013

Description	Amount
15 Yard Container	700.00

<b>Subtotal</b>	\$700.00
<b>Sales Tax (8.875%)</b>	\$0.00
<b>Total</b>	\$700.00
<b>Balance Due</b>	\$700.00

EAGLE CONTAINER

177 PENN STREET  
BROOKLYN, NY 11211  
P 718-767-9100 F 718-388-2912  
BIC # 1918

# Invoice

Date	Invoice #
7/25/2013	10404

Bill To
588 Myrtle LLC.

Drop off
588 Myrtle Ave. Brooklyn, NY

P.O. No.	Terms	Pick Up Date
	Due on receipt	7/25/2013

Description	Amount
15 Yard Container	700.00

<b>Subtotal</b>	\$700.00
<b>Sales Tax (8.875%)</b>	\$0.00
<b>Total</b>	\$700.00
<b>Balance Due</b>	\$700.00

EAGLE CONTAINER

177 PENN STREET  
BROOKLYN, NY 11211  
P 718-767-9100 F 718-388-2912  
BIC # 1918

# Invoice

Date	Invoice #
7/25/2013	10406

Bill To
588 Myrtle LLC.

Drop off
588 Myrtle Ave. Brooklyn, NY

P.O. No.	Terms	Pick Up Date
	Due on receipt	7/25/2013

Description	Amount
15 Yard Container	700.00

<b>Subtotal</b>	\$700.00
<b>Sales Tax (8.875%)</b>	\$0.00
<b>Total</b>	\$700.00
<b>Balance Due</b>	\$700.00

EAGLE CONTAINER

177 PENN STREET  
BROOKLYN, NY 11211  
P 718-767-9100 F 718-388-2912  
BIC # 1918

# Invoice

Date	Invoice #
7/25/2013	10407

Bill To
588 Myrtle LLC.

Drop off
588 Myrtle Ave. Brooklyn, NY

P.O. No.	Terms	Pick Up Date
	Due on receipt	7/25/2013

Description	Amount
15 Yard Container	700.00

<b>Subtotal</b>	\$700.00
<b>Sales Tax (8.875%)</b>	\$0.00
<b>Total</b>	\$700.00
<b>Balance Due</b>	\$700.00

EAGLE CONTAINER

177 PENN STREET  
BROOKLYN, NY 11211  
P 718-767-9100 F 718-388-2912  
BIC # 1918

# Invoice

Date	Invoice #
8/8/2013	10476

Bill To
588 Myrtle LLC.

Drop off
588 Myrtle Ave. Brooklyn, NY

P.O. No.	Terms	Pick Up Date
	Due on receipt	8/8/2013

Description	Amount
15 Yard Container	700.00

<b>Subtotal</b>	\$700.00
<b>Sales Tax (8.875%)</b>	\$0.00
<b>Total</b>	\$700.00
<b>Balance Due</b>	\$700.00

EAGLE CONTAINER

177 PENN STREET  
BROOKLYN, NY 11211  
P 718-767-9100 F 718-388-2912  
BIC # 1918

# Invoice

Date	Invoice #
8/8/2013	10478

Bill To
588 Myrtle LLC.

Drop off
588 Myrtle Brooklyn, NY

P.O. No.	Terms	Pick Up Date
	Due on receipt	8/8/2013

Description	Amount
15 Yard Container	700.00
<b>Subtotal</b> \$700.00	
<b>Sales Tax (8.875%)</b> \$0.00	
<b>Total</b> \$700.00	
<b>Balance Due</b> \$700.00	

EAGLE CONTAINER

177 PENN STREET  
BROOKLYN, NY 11211  
P 718-767-9100 F 718-388-2912  
BIC # 1918

# Invoice

Date	Invoice #
8/8/2013	10479

Bill To
588 Myrtle LLC.

Drop off
588 Myrtle Brooklyn, NY

P.O. No.	Terms	Pick Up Date
	Due on receipt	8/8/2013

Description	Amount
15 Yard Container	700.00
<b>Subtotal</b> \$700.00	
<b>Sales Tax (8.875%)</b> \$0.00	
<b>Total</b> \$700.00	
<b>Balance Due</b> \$700.00	

1045

586 MYRTLE LLC

1-2  
210

9/16/13  
*Date*

\$ 15,697.<sup>—</sup>  
*dollars*

*Pay to the order of Eagle Container*  
Fifteen thousand six hundred ninety seven

Security Features  
Printed on Back



**CHASE**  
JPMorgan Chase Bank, N.A.  
www.Chase.com

*S. F. Adams*

*See from invoice # 10351-10479*

⑆09295030⑆

⑆001045⑆ ⑆021000021⑆

MP

**APPENDIX H**

***Manifests & Scale Tickets - Cumberland***

Log Number

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name 558 Myrtle Av Generator Site/Location
Address 588 Myrtle Av Address
Brooklyn, NY
Phone No. Phone No.

Approval Number

Description of Material
Non-Regulated Petroleum Contaminated Soil
Non DOT/RCRA Regulated

75720 GROSS
26240 TARE
49480 NET
24.74 TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Sunny Chen Generator Authorized Agent Name
Chen Juyong Signature
7-11-13 8:10 am Shipment Date

TRANSPORTER

Transporter Name Leferre Inc Driver Name (Print) William Jones
Address 640 Fairfield Ave Hillside NJ Vehicle License No. / State / EPA No. PL 717 P.N.
Truck Number 18-

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature Shipment Date 7-11-13 Driver Signature Delivery Date

DESTINATION

Site Name Cumberland County Landfill Soil Safe, Inc. - Bridgeport Phone No. 1-856-467-8030
Address 378 Route 130 Logan Township, NJ 08085 Cumberland County, NJ

No left turn on Rt. 130 North into the facility.
Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent Signature Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

Log Number

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name 558 Myrtle Generator Site/Location \_\_\_\_\_  
Address Brooklyn, NY Address \_\_\_\_\_  
Phone No. \_\_\_\_\_ Phone No. \_\_\_\_\_

Approval Number

Description of Material  
Non-Regulated Petroleum Contaminated Soil  
Non DOT/RCRA Regulated

76980 GROSS  
25640 TARE  
51340 NET  
25640 TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Sunny Chen Generator Authorized Agent Name  
Chadbury Signature  
7/11/2013 8:30am Shipment Date

TRANSPORTER

Transporter Name Letcher Inc Driver Name (Print) EDUARDO AZOFEI FLORES  
Address 640 Dringler Hillside Rd Vehicle License No. / State / EPA No. AP 451 E  
Truck Number 12

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

[Signature] Driver Signature  
7-11-13 Shipment Date  
[Signature] Driver Signature  
Delivery Date

DESTINATION

Site Name Cumberland Soil Safe, Inc. - Bridgeport Pitt Phone No. 1-856-467-8030  
Address 378 Route 130 Logan Township, NJ 08085

No left turn on Rt. 130 North into the facility.  
Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

CCIA Name of Authorized Agent  
[Signature] Signature  
7/11/13 Receipt Date

Log Number

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name 558 Myrtle Ave Generator Site/Location
Address Brooklyn NY Address
Phone No. Phone No.

Approval Number

Description of Material
Non-Regulated Petroleum Contaminated Soil
Non DOT/RCRA Regulated

88620 GROSS
25826 TARE
62800 NET
3140 TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name Sunny Chen Signature Signature Shipment Date 7-11-13 8:15am

TRANSPORTER

Transporter Name Leffers Inc Driver Name (Print) Jonye Gouzele
Address 640 Livingston 12th Hillside NJ Vehicle License No. / State / EPA No. 12177-1415XN
Truck Number 2

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature Driver Signature Shipment Date 7-11-13 Delivery Date

DESTINATION
Site Name Cumberland Carting Larder Soil Safe, Inc. Bridgeport Phone No. 1-856-467-8030
Address 378 Route 130 Logan Township, NJ 08085

No left turn on Rt. 130 North into the facility. Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent Signature Receipt Date 7/11/13

# SOIL SAFE, INC.

## NON-HAZARDOUS MATERIAL MANIFEST

Log Number

05648

### GENERATOR

Generator Name \_\_\_\_\_ Shipping Location \_\_\_\_\_

Address 588 MYRTLE AVENUE Address SAME588 MYRTLE AVENUE \_\_\_\_\_Phone No. BROOKLYN, NY Phone No. \_\_\_\_\_Approval  
Number

Description of Material

NON HAZARDOUS

CONTAMINATED SOIL

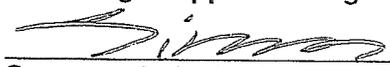
75040 GROSS

816000 TARE

49040 NET

24.52 TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

  
Generator Authorized Agent Name

Signature

Shipment Date

### TRANSPORTER

Transporter Name J & D TRUCKING INC. Driver Name (Print) GEORGE HILESAddress 3526 NW BLVD Vehicle License No./State AJ2010 NJ <sup>EPA</sup> NJRO00029967VINELAND, NJ 08360 Truck Number # 14

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

  
Driver Signature 7/12/13  
Shipment Date  
Driver Signature 7/12/13  
Delivery Date

### DESTINATION

Site Name CUMBERLAND COUNTY LANDFILL Phone No. \_\_\_\_\_Address 169 JESSE BRISGE ROAD, DEERFIELD TWP, CUMBERLAND COUNTY, NJ

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

  
Name of Authorized Agent

Signature

7/12/13  
Receipt Date

White - Facility

Green - Facility

Yellow - Generator

Pink - Broker

Goldenrod - Contractor

Blue - Trucking Co.

# SOIL SAFE, INC.

Log Number

05649

## NON-HAZARDOUS MATERIAL MANIFEST

### GENERATOR

Generator Name \_\_\_\_\_ Shipping Location \_\_\_\_\_

Address 588 MYRTLE AVENUE Address SAME588 MYRTLE AVENUEPhone No. BROOKLYN, NY Phone No. \_\_\_\_\_Approval  
Number

Description of Material

NON HAZARDOUS  
CONTAMINATED SOIL71000 GROSS  
26000 TARE  
44800 NET  
22.41 TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name

Signature

Shipment Date

### TRANSPORTER

Transporter Name J & D TRUCKING INC. Driver Name (Print) \_\_\_\_\_Address 3526 NW BLVD Vehicle License No./State \_\_\_\_\_VINELAND, NJ 08360 Truck Number \_\_\_\_\_

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature

Shipment Date

Driver Signature

Delivery Date

### DESTINATION

Site Name CUMBERLAND COUNTY LANDFILL Phone No. \_\_\_\_\_Address 169 JESSE BRISGE ROAD, DEERFIELD TWP, CUMBERLAND COUNTY, NJ

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent

Signature

Receipt Date

White - Facility

Green - Facility

Yellow - Generator

Pink - Broker

Goldenrod - Contractor

Blue - Trucking Co.

# SOIL SAFE, INC.

## NON-HAZARDOUS MATERIAL MANIFEST

Log Number

05646

### GENERATOR

Generator Name \_\_\_\_\_ Shipping Location \_\_\_\_\_  
Address 588 MYRTLE AVENUE Address SAME  
588 MYRTLE AVENUE  
Phone No. BROOKLYN, NY Phone No. \_\_\_\_\_

Approval  
Number

Description of Material  
  
NON HAZARDOUS  
  
CONTAMINATED SOIL

74900 GROSS  
20000 TARE  
48000 NET  
24.33 TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

[Signature] Generator Authorized Agent Name  
[Signature] Signature  
07/12/13 Shipment Date

### TRANSPORTER

Transporter Name J & D TRUCKING INC. Driver Name (Print) Luis A Centeno Jr  
Address 3526 NW BLVD Vehicle License No./State AS127N NJ  
VINELAND, NJ 08360 Truck Number 4

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

[Signature] Driver Signature  
7/12/13 Shipment Date

[Signature] Driver Signature  
7/12/13 Delivery Date

### DESTINATION

Site Name CUMBERLAND COUNTY LANDFILL Phone No. \_\_\_\_\_  
Address 169 JESSE BRISGE ROAD, DEERFIELD TWP, CUMBERLAND COUNTY, NJ

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

[Signature] Name of Authorized Agent  
[Signature] Signature  
7/12/13 Receipt Date

# SOIL SAFE, INC.

## NON-HAZARDOUS MATERIAL MANIFEST

Log Number

05647

### GENERATOR

Generator Name \_\_\_\_\_ Shipping Location \_\_\_\_\_

Address 588 MYRTLE AVENUE Address SAME

588 MYRTLE AVENUE

Phone No. BROOKLYN, NY Phone No. \_\_\_\_\_

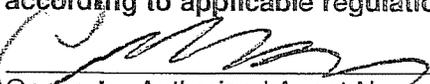
Approval  
Number

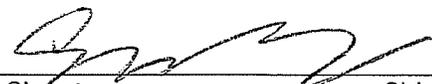
Description of Material

NON HAZARDOUS  
CONTAMINATED SOIL

72240 GROSS  
26580 TARE  
45740 NET  
22.87 TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

  
Generator Authorized Agent Name

  
Signature

Shipment Date

### TRANSPORTER

Transporter Name J & D TRUCKING INC. Driver Name (Print) Mike Sticher

Address 3526 NW BLVD Vehicle License No./State ANS64X - NJ

VINELAND, NJ 08360 Truck Number J+D #10

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

  
Driver Signature

7-12-13  
Shipment Date

  
Driver Signature

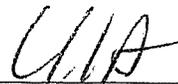
7-12-13  
Delivery Date

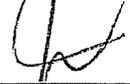
### DESTINATION

Site Name CUMBERLAND COUNTY LANDFILL Phone No. \_\_\_\_\_

Address 169 JESSE BRISGE ROAD, DEERFIELD TWP, CUMBERLAND COUNTY, NJ

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

  
Name of Authorized Agent

  
Signature

7/12/13  
Receipt Date

7/15/2013	588 MYRTLE AVE-BROOKLYN, NY TO CUMBERLAND CO LANDFILL	23.61
	588 MYRTLE AVE-BROOKLYN, NY TO CUMBERLAND CO LANDFILL	23.71
	588 MYRTLE AVE-BROOKLYN, NY TO CUMBERLAND CO LANDFILL	22.07
	588 MYRTLE AVE-BROOKLYN, NY TO CUMBERLAND CO LANDFILL	24.04
	588 MYRTLE AVE-BROOKLYN, NY TO CUMBERLAND CO LANDFILL	21.66
	588 MYRTLE AVE-BROOKLYN, NY TO CUMBERLAND CO LANDFILL	21.84
	588 MYRTLE AVE-BROOKLYN, NY TO CUMBERLAND CO LANDFILL	22.93
	588 MYRTLE AVE-BROOKLYN, NY TO CUMBERLAND CO LANDFILL	19.42
7/17/2013	588 MYRTLE AVE-BROOKLYN, NY TO CUMBERLAND CO LANDFILL	23.67
	588 MYRTLE AVE-BROOKLYN, NY TO CUMBERLAND CO LANDFILL	23.28
	588 MYRTLE AVE-BROOKLYN, NY TO CUMBERLAND CO LANDFILL	23.75
	588 MYRTLE AVE-BROOKLYN, NY TO CUMBERLAND CO LANDFILL	24.38
	588 MYRTLE AVE-BROOKLYN, NY TO CUMBERLAND CO LANDFILL	26.97
	<b>TOTAL</b>	<b>301.33</b>

# SOIL SAFE, INC.

## NON-HAZARDOUS MATERIAL MANIFEST

Log Number

05650

### GENERATOR

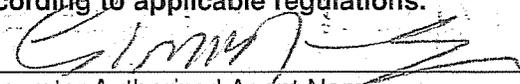
Generator Name \_\_\_\_\_ Shipping Location \_\_\_\_\_

Address 588 MYRTLE AVENUE Address SAME588 MYRTLE AVENUEPhone No. BROOKLYN, NY Phone No. \_\_\_\_\_Approval  
Number

Description of Material

NON HAZARDOUS  
CONTAMINATED SOIL78820 GROSS  
25000 TARE  
47220 NET  
23.61 TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

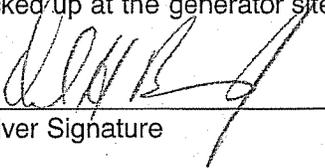
  
Generator Authorized Agent Name \_\_\_\_\_ Signature \_\_\_\_\_ Shipment Date \_\_\_\_\_

### TRANSPORTER

Transporter Name J & D TRUCKING INC. Driver Name (Print) DAVID H. BAUGH JR.Address 3526 NW BLVD Vehicle License No./State AJ1206 (NJ)VINELAND, NJ 08360 Truck Number JD #1

I hereby certify that the above named material was picked up at the generator site listed above.

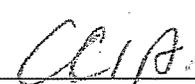
I hereby certify that the above named material was delivered without incident to the destination listed below.

  
Driver Signature \_\_\_\_\_ Shipment Date 7/15/13 Driver Signature \_\_\_\_\_ Delivery Date \_\_\_\_\_

### DESTINATION

Site Name CUMBERLAND COUNTY LANDFILL Phone No. \_\_\_\_\_Address 169 JESSE BRISGE ROAD, DEERFIELD TWP, CUMBERLAND COUNTY, NJ

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

  
Name of Authorized Agent \_\_\_\_\_ Signature \_\_\_\_\_ Receipt Date 7/15/13

White - Facility

Green - Facility

Yellow - Generator

Pink - Broker

Goldenrod - Contractor

Blue - Trucking Co.

# SOIL SAFE, INC.

## NON-HAZARDOUS MATERIAL MANIFEST

Log Number

05651

### GENERATOR

Generator Name \_\_\_\_\_ Shipping Location \_\_\_\_\_

Address 588 MYRTLE AVENUE Address SAME588 MYRTLE AVENUE \_\_\_\_\_Phone No. BROOKLYN, NY Phone No. \_\_\_\_\_Approval  
Number

Description of Material

NON HAZARDOUS

CONTAMINATED SOIL

74940	GROSS
87520	TARE
47420	NET
23.71	TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name \_\_\_\_\_

Signature \_\_\_\_\_

Shipment Date 7-15-13

### TRANSPORTER

Transporter Name J & D TRUCKING INC.Driver Name (Print) Curtis LangloisAddress 3526 NW BLVDVehicle License No./State #2 - AP7278 NOVINELAND, NJ 08360Truck Number #2

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature \_\_\_\_\_

Shipment Date 7-15-13

Driver Signature \_\_\_\_\_

Delivery Date \_\_\_\_\_

### DESTINATION

Site Name CUMBERLAND COUNTY LANDFILL Phone No. \_\_\_\_\_Address 169 JESSE BRISGE ROAD, DEERFIELD TWP, CUMBERLAND COUNTY, NJ

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent \_\_\_\_\_

Signature \_\_\_\_\_

Receipt Date 7/15/13

White - Facility

Green - Facility

Yellow - Generator

Pink - Broker

Goldenrod - Contractor

Blue - Trucking Co.

# SOIL SAFE, INC.

## NON-HAZARDOUS MATERIAL MANIFEST

Log Number

05652

### GENERATOR

Generator Name \_\_\_\_\_ Shipping Location \_\_\_\_\_

Address 588 MYRTLE AVENUE Address 588 MYRTLE AVENUE *same*

588 MYRTLE AVENUE

Phone No. BROOKLYN, NY Phone No. \_\_\_\_\_

Approval Number

Description of Material

NON HAZARDOUS  
CONTAMINATED SOIL

70400 GROSS  
86260 TARE  
44140 NET  
22.07 TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Simon  
Generator Authorized Agent Name

[Signature]  
Signature

7/15/13  
Shipment Date

### TRANSPORTER

Transporter Name I & D TRUCKING INC. Driver Name (Print) Luis A. Carter

Address 3526 NW BLVD Vehicle License No./State AJ137AI 15 20976

VINELAND, NJ 08360 Truck Number 4 #

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

[Signature]  
Driver Signature

Shipment Date

[Signature]  
Driver Signature

7/15/13  
Delivery Date

### DESTINATION

Site Name CUMBERLAND COUNTY LANDFILL Phone No. \_\_\_\_\_

Address 169 JESSE BRISGE ROAD, DEERFIELD TWP, CUMBERLAND COUNTY, NJ

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

[Signature]  
Name of Authorized Agent

[Signature]  
Signature

7/15/13  
Receipt Date

# SOIL SAFE, INC.

## NON-HAZARDOUS MATERIAL MANIFEST

Log Number

05653

### GENERATOR

Generator Name \_\_\_\_\_ Shipping Location \_\_\_\_\_  
Address 588 MYRTLE AVENUE Address SAME  
588 MYRTLE AVENUE  
Phone No. BROOKLYN, NY Phone No. \_\_\_\_\_

Approval  
Number

Description of Material

NON HAZARDOUS  
CONTAMINATED SOIL

75940 GROSS  
27860 TARE  
48080 NET  
24.04 TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Simon  
Generator Authorized Agent Name \_\_\_\_\_ Signature \_\_\_\_\_ Shipment Date \_\_\_\_\_

### TRANSPORTER

Transporter Name J & D TRUCKING INC. Driver Name (Print) Gale Barr Jr  
Address 3526 NW BLVD Vehicle License No./State AP 728E NJ  
VINELAND, NJ 08360 Truck Number 8

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Mark Bough 7-15-13 Mark Bough 7-15-13  
Driver Signature \_\_\_\_\_ Shipment Date \_\_\_\_\_ Driver Signature \_\_\_\_\_ Delivery Date \_\_\_\_\_

### DESTINATION

Site Name CUMBERLAND COUNTY LANDFILL Phone No. \_\_\_\_\_  
Address 169 JESSE BRISGE ROAD, DEERFIELD TWP, CUMBERLAND COUNTY, NJ

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

CCIA [Signature] 7/15/13  
Name of Authorized Agent \_\_\_\_\_ Signature \_\_\_\_\_ Receipt Date \_\_\_\_\_

# SOIL SAFE, INC.

Log Number

05654

## NON-HAZARDOUS MATERIAL MANIFEST

### GENERATOR

Generator Name \_\_\_\_\_ Shipping Location \_\_\_\_\_  
Address 588 MYRTLE AVENUE Address SAME  
588 MYRTLE AVENUE  
Phone No. BROOKLYN, NY Phone No. \_\_\_\_\_

Approval  
Number

## Description of Material

NON HAZARDOUS  
CONTAMINATED SOIL71320 GROSS  
28000 TARE  
43320 NET  
21.66 TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

  
Generator Authorized Agent Name

Signature

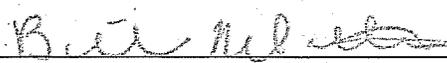
Shipment Date

### TRANSPORTER

Transporter Name J & D TRUCKING INC Driver Name (Print) WITOLDAS  
Address 3526 NW RIVD Vehicle License No./State AM9539  
VINELAND, NJ 08360 Truck Number 11

I hereby certify that the above named material was picked up at the generator site listed above.

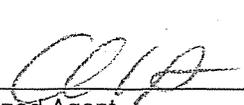
I hereby certify that the above named material was delivered without incident to the destination listed below.

  
Driver Signature7-15-13  
Shipment Date  
Driver Signature7-15-13  
Delivery Date

### DESTINATION

Site Name CUMBERLAND COUNTY LANDFILL Phone No. \_\_\_\_\_  
Address 169 JESSE BRISGE ROAD, DEERFIELD TWP, CUMBERLAND COLINTY, NJ

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

  
Name of Authorized Agent  
Signature7/15/13  
Receipt Date

White - Facility

Green - Facility

Yellow - Generator

Pink - Broker

Goldenrod - Contractor

Blue - Trucking Co.

# SOIL SAFE, INC.

## NON-HAZARDOUS MATERIAL MANIFEST

Log Number

05655

### GENERATOR

Generator Name \_\_\_\_\_ Shipping Location \_\_\_\_\_

Address \_\_\_\_\_ 588 MYRTLE AVENUE \_\_\_\_\_ Address \_\_\_\_\_ SAME \_\_\_\_\_

\_\_\_\_\_ 588 MYRTLE AVENUE \_\_\_\_\_

Phone No. \_\_\_\_\_ BROOKLYN, NY \_\_\_\_\_ Phone No. \_\_\_\_\_

Approval  
Number

Description of Material

NON HAZARDOUS  
CONTAMINATED SOIL70180 GROSS  
26500 TARE  
43680 NET  
21.84 TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name \_\_\_\_\_

Signature \_\_\_\_\_

Shipment Date \_\_\_\_\_ 7-15-13

### TRANSPORTER

Transporter Name \_\_\_\_\_ J &amp; D TRUCKING INC. \_\_\_\_\_

Driver Name (Print) \_\_\_\_\_ Matt Bardolovich \_\_\_\_\_

Address \_\_\_\_\_ 3526 NW BLVD \_\_\_\_\_

Vehicle License No./State \_\_\_\_\_ #13 NJ504T \_\_\_\_\_

\_\_\_\_\_ VINELAND, NJ 08360 \_\_\_\_\_

Truck Number \_\_\_\_\_ 13 \_\_\_\_\_

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature \_\_\_\_\_

Shipment Date \_\_\_\_\_ 7-15-13 \_\_\_\_\_

Driver Signature \_\_\_\_\_

Delivery Date \_\_\_\_\_

### DESTINATION

Site Name \_\_\_\_\_ CUMBERLAND COUNTY LANDFILL \_\_\_\_\_ Phone No. \_\_\_\_\_

Address \_\_\_\_\_ 169 JESSE BRISGE ROAD, DEERFIELD TWP, CUMBERLAND COUNTY, NJ \_\_\_\_\_

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent \_\_\_\_\_

Signature \_\_\_\_\_

Receipt Date \_\_\_\_\_ 7/15/13 \_\_\_\_\_

White - Facility

Green - Facility

Yellow - Generator

Pink - Broker

Goldenrod - Contractor

Blue - Trucking Co.

# SOIL SAFE, INC.

## NON-HAZARDOUS MATERIAL MANIFEST

Log Number

05656

### GENERATOR

Generator Name \_\_\_\_\_ Shipping Location \_\_\_\_\_  
Address 588 MYRTLE AVENUE Address SAME  
588 MYRTLE AVENUE  
Phone No. BROOKLYN, NY Phone No. \_\_\_\_\_

Approval  
Number

Description of Material

NON HAZARDOUS  
CONTAMINATED SOIL

71860 GROSS  
26000 TARE  
45860 NET  
22.93 TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Simon [Signature] 7/15/13  
Generator Authorized Agent Name Signature Shipment Date

### TRANSPORTER

Transporter Name I & D TRUCKING INC Driver Name (Print) GEORGE HILES  
Address 3526 NW BLVD Vehicle License No./State AJ201D NJ  
VINELAND, NJ 08360 Truck Number #14

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

[Signature] 7/15/13 [Signature]  
Driver Signature Shipment Date Driver Signature Delivery Date

### DESTINATION

Site Name CUMBERLAND COUNTY LANDFILL Phone No. \_\_\_\_\_  
Address 169 JESSE BRISGE ROAD, DEERFIELD TWP, CUMBERLAND COUNTY, NJ

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

[Signature] [Signature] 7/15/13  
Name of Authorized Agent Signature Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

436  
**SOIL SAFE, INC.**

Log Number

05657

**NON-HAZARDOUS MATERIAL MANIFEST**

**GENERATOR**

Generator Name \_\_\_\_\_ Shipping Location \_\_\_\_\_

Address 588 MYRTLE AVENUE Address SAME

588 MYRTLE AVENUE

Phone No. BROOKLYN, NY Phone No. \_\_\_\_\_

Approval Number

Description of Material

NON HAZARDOUS  
CONTAMINATED SOIL

65040 GROSS  
26200 TARE  
38840 NET  
19.42 TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Gunn  
Generator Authorized Agent Name

Signature

7/15/13  
Shipment Date

**TRANSPORTER**

ON site 6:30  
left site 8:45

Transporter Name J & D TRUCKING INC.

Driver Name (Print) Boyd Campbell

Address 3526 NW BLVD

Vehicle License No./State Am9544

VINELAND, NJ 08360

Truck Number 15

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Boyd Campbell  
Driver Signature

7/15/13  
Shipment Date

Boyd Campbell  
Driver Signature

7/15/13  
Delivery Date

**DESTINATION**

Site Name CUMBERLAND COUNTY LANDFILL Phone No. \_\_\_\_\_

169 JESSE BRISGE ROAD, DEERFIELD TWP, CUMBERLAND COUNTY, NJ

Address \_\_\_\_\_

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

PCIA  
Name of Authorized Agent

[Signature]  
Signature

7/15/13  
Receipt Date

White - Facility

Green - Facility

Yellow - Generator

Pink - Broker

Goldenrod - Contractor

Blue - Trucking Co.

# SOIL SAFE, INC.

## NON-HAZARDOUS MATERIAL MANIFEST

### GENERATOR

Log Number

05658

Generator Name \_\_\_\_\_ Shipping Location \_\_\_\_\_

Address 588 MYRTLE AVENUE Address SAME588 MYRTLE AVENUEPhone No. BROOKLYN, NY Phone No. \_\_\_\_\_Approval  
Number

Description of Material

NON HAZARDOUS  
CONTAMINATED SOIL

73440	GROSS
26100	TARE
47340	NET
23.67	TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Simon Simon 7/17/13  
 Generator Authorized Agent Name Signature Shipment Date

### TRANSPORTER

Transporter Name J & D TRUCKING INC. Driver Name (Print) Richard Romeo  
 Address 3526 NW BLVD Vehicle License No./State AM 740 S NJ  
VINELAND, NJ 08360 Truck Number 9

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

[Signature] 7-17-13 [Signature] 7-17-13  
 Driver Signature Shipment Date Driver Signature Delivery Date

### DESTINATION

Site Name CUMBERLAND COUNTY LANDFILL Phone No. \_\_\_\_\_  
 Address 169 JESSE BRISGE ROAD, DEERFIELD TWP, CUMBERLAND COUNTY, NJ

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

[Signature] [Signature] 7/17/13  
 Name of Authorized Agent Signature Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

# SOIL SAFE, INC.

## NON-HAZARDOUS MATERIAL MANIFEST

Log Number

05659

### GENERATOR

Generator Name \_\_\_\_\_ Shipping Location \_\_\_\_\_  
Address 588 MYRTLE AVENUE Address SAME  
588 MYRTLE AVENUE  
Phone No. BROOKLYN, NY Phone No. \_\_\_\_\_

Approval  
Number

Description of Material

NON HAZARDOUS  
CONTAMINATED SOIL

727600 GROSS  
26200 TARE  
405600 NET  
23.28 TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Simon Generator Authorized Agent Name Simon Signature 7/17/13 Shipment Date

### TRANSPORTER

Transporter Name I & D TRUCKING INC Driver Name (Print) COLVIN MANLEY  
Address 3526 NW BLVD Vehicle License No./State AM 9544  
VINELAND, NJ 08360 Truck Number #15

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Colvin Manley Driver Signature 7/17/13 Shipment Date Colvin Manley Driver Signature 7/17/13 Delivery Date

### DESTINATION

Site Name CUMBERLAND COUNTY LANDFILL Phone No. \_\_\_\_\_  
Address 169 JESSE BRISGE ROAD, DEERFIELD TWP, CUMBERLAND COUNTY, NJ

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

PCIA Name of Authorized Agent [Signature] Signature 7/17/13 Receipt Date

White - Facility

Green - Facility

Yellow - Generator

Pink - Broker

Goldenrod - Contractor

Blue - Trucking Co.

# SOIL SAFE, INC.

## NON-HAZARDOUS MATERIAL MANIFEST

### GENERATOR

Log Number

05660

Generator Name \_\_\_\_\_ Shipping Location \_\_\_\_\_

Address 588 MYRTLE AVENUE Address SAME588 MYRTLE AVENUE \_\_\_\_\_Phone No. BROOKLYN, NY Phone No. \_\_\_\_\_Approval  
Number

Description of Material

NON HAZARDOUS

CONTAMINATED SOIL

74300	GROSS
26800	TARE
47500	NET
23.75	TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Simon  
Generator Authorized Agent NameSimon  
Signature7/17/13  
Shipment Date

### TRANSPORTER

Transporter Name J & D TRUCKING INC.Driver Name (Print) Frank DeMasoAddress 3526 NW BLVDVehicle License No./State AN 570X NJVINELAND, NJ 08360Truck Number 6

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

[Signature]  
Driver Signature

Shipment Date

[Signature]  
Driver Signature

Delivery Date

### DESTINATION

Site Name CUMBERLAND COUNTY LANDFILL Phone No. \_\_\_\_\_Address 169 JESSE BRISGE ROAD, DEERFIELD TWP, CUMBERLAND COUNTY, NJ

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

[Signature]  
Name of Authorized Agent[Signature]  
Signature7/17/13  
Receipt Date

White - Facility

Green - Facility

Yellow - Generator

Pink - Broker

Goldenrod - Contractor

Blue - Trucking Co.

# SOIL SAFE, INC.

Log Number

05661

## NON-HAZARDOUS MATERIAL MANIFEST

### GENERATOR

Generator Name \_\_\_\_\_ Shipping Location \_\_\_\_\_

Address 598 MYRTLE AVENUE Address SAME

598 MYRTLE AVENUE

Phone No. BROOKLYN, NY Phone No. \_\_\_\_\_

Approval  
Number

Description of Material  
  
NON HAZARDOUS  
  
CONTAMINATED SOIL

74960 GROSS  
20200 TARE  
48760 NET  
29.38 TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

[Signature]  
Generator Authorized Agent Name

[Signature]  
Signature

7-17-13  
Shipment Date

### TRANSPORTER

Transporter Name L & D TRUCKING INC Driver Name (Print) MIKE MOORE

Address 3526 NW BLVD Vehicle License No./State AM119B NJ

VINELAND, NJ 08360 Truck Number #5

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

[Signature] 7-17-13  
Driver Signature Shipment Date

[Signature] 7-17-13  
Driver Signature Delivery Date

### DESTINATION

Site Name CUMBERLAND COUNTY LANDFILL Phone No. \_\_\_\_\_

Address 169 JESSE BRISGE ROAD, DEERFIELD TWP, CUMBERLAND COUNTY, NJ

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

[Signature] 7/17/13  
Name of Authorized Agent Signature Receipt Date

# SOIL SAFE, INC.

## NON-HAZARDOUS MATERIAL MANIFEST

Log Number

05662

### GENERATOR

Generator Name \_\_\_\_\_ Shipping Location \_\_\_\_\_

Address 588 MYRTLE AVENUE Address SAME588 MYRTLE AVENUE \_\_\_\_\_Phone No. BROOKLYN, NY Phone No. \_\_\_\_\_Approval  
Number

Description of Material

NON HAZARDOUS

CONTAMINATED SOIL

80140	GROSS
26200	TARE
53940	NET
26.97	TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name SIMONSignature SIMONShipment Date 7/17/13

### TRANSPORTER

Transporter Name J & D TRUCKING INC. Driver Name (Print) ED ConnAddress 3526 NW BLVD Vehicle License No./State AM469 H NJ3VINELAND, NJ 08360 Truck Number 3

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature [Signature] Shipment Date 7/17/13

Driver Signature \_\_\_\_\_ Delivery Date \_\_\_\_\_

### DESTINATION

Site Name CUMBERLAND COUNTY LANDFILL Phone No. \_\_\_\_\_Address 169 JESSE BRISGE ROAD, DEERFIELD TWP, CUMBERLAND COUNTY, NJ

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent CCA Signature [Signature] Receipt Date 7/17/13

White - Facility

Green - Facility

Yellow - Generator

Pink - Broker

Goldenrod - Contractor

Blue - Trucking Co.

**APPENDIX I**

***Manifests and Scale Tickets - Malanka***

SSSG Job# 30072 Redevelopment Project 8/15 - 8/16

**INVOICED**

Date	Truck #	Ticket No.	Manifest #	Weight	Tare	Net	Ton
8/15/2013	3	13344	35733	91460	26140	65320	32.66
8/15/2013	4	13353	35734	87380	26520	60860	30.43
8/15/2013	7	13414	35738	96660	29420	67240	33.62
8/15/2013	7	13380	35737	95600	29420	66180	33.09
8/15/2013	10	13384	35732	92880	30200	62680	31.34
8/15/2013	10	13337	35731	94080	30200	63880	31.94
8/15/2013	71	13379	35770	90920	28680	62240	31.12
							<b>224.20</b>
8/16/2013	28	13495	35743	97120	29000	68120	34.06
8/16/2013	29	13430	35739	89720	29200	60520	30.26
8/16/2013	62	13452	35741	96820	28520	68300	34.15
8/16/2013	91	13445	35740	97280	29320	67960	33.98
8/16/2013	101	13464	35769	96460	28780	67680	33.84
8/16/2013	288	13477	35768	97400	30580	66820	33.41
8/16/2013	420	13490	35742	95240	29180	66060	33.03
							<b>232.73</b>
							<b><u>456.93</u></b>

Truck Name & Number Castillo #3 13344  
Weighed by [Signature] 8/15/13

21 861 13 58  
28 142 15 17  
35 323 16 17  
80 1 41 015 13 2013

35733

Driver Signature [Signature]

**Certified Weight By: DT Allen Materials, LLC**  
11 Birch Street • Midland Park, NJ 07432  
201-689-9509

**SECAUCUS BROWNFIELDS REDEVELOPMENT, LLC  
BILL OF LADING**

Number 35733

GENERATOR NAME AND ADDRESS		Third Party Review Engineer: Galli Engineering, P.C.			
[Name]	566 Myrtle LLC 34 Rodney Street Brooklyn, NY 11249 Tel.No. 845-721-7974	DATE OF MATERIAL APPROVAL:		April 23, 2013	
[Street Address]		MATERIAL APPROVAL #:		Approval 152	
[City, ST ZIP Code]					
SID No.:					
MATERIAL BEING SHIPPED TO		TRANSPORTER'S INFORMATION			
Secaucus Brownfields Redevelopment (SBR), LLC Malanka Landfill Facility Entrance on West Side Avenue (Jersey City) Secaucus, New Jersey Tel. (201) 689-9509 Fax (201) 689-0593  NJEMS PI #: _____  NJDEP Facility ID #: 132247		Trucking Company Name		CASTILLO TRUCKING	
		Name and Number on Truck		CASTILLO #3	
		Vehicle Plate No:		AN581 J	
		USDOT #		1013514	
		Type of Delivery Vehicle: <i>Please check one</i>		Tri-Axel Dump <input type="checkbox"/> Tandem Dump <input type="checkbox"/> Trailer <input checked="" type="checkbox"/> Roll-Off <input type="checkbox"/>	
CUSTOMER NAME		MATERIAL			
[Name]	Soil Safe Solutions 2545 Hempstead Turnpike-Suite 201 East Meadow, NY 11554	Clean Fill <input type="checkbox"/> Recycled Masonry <input type="checkbox"/> Processed Dredge Material (PDM) <input type="checkbox"/> Kaofin <input type="checkbox"/> Fill from recycling facilities <input type="checkbox"/> Construction Fill <input type="checkbox"/> <input type="checkbox"/> Other (Description):			
[Street Address]		Grid Location <input type="checkbox"/>			
[City, ST ZIP Code]	Redevelopment Project 586-588 Myrtle Avenue Brooklyn, NY 11205 Block #1910 Lot #23	Physical Description of Material:			
Origin of Fill Material: (Location/Source)					
[Street Address]					
[City, ST ZIP Code]					
ADDITIONAL INFORMATION					
Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket		Additional Information
One Truck Load	16 cubic yards		Y	N	
<b>Grand Total</b>					
<p>Secaucus Brownfields Redevelopment, LLC (SBR) reserves the right to reject any material delivered to the Malanka Facility, in it's sole and absolute discretion. If any material is rejected after it has been removed from the delivery truck, it shall be removed from the site within (48) hours at the sole cost and expense of the Customer. By signing this Bill of Lading, Customer and Generator confirm that the material being delivered has been approved by the Third Party Engineer and agrees to remove any fill material delivered that is rejected by SBR, at Customer's sole and exclusive cost and expense. If material is being delivered to the Malanka Facility based on volume, then the volume of each truck shall be agreed to by the Customer, Generator, and SBR. If Material is being delivered to the Malanka Facility on a weight basis, then each load shall be accompanied with a scaled weight ticket, inclusive of a tare weight for the vehicle delivering the material. No material can be delivered to Malanka unless accompanied by a Bill of Lading. Furthermore, no material may be off loaded at Malanka unless an authorized representative of SBR signs this Bill of Lading as noted below.</p>					
<p><b>Note: Only fill material that has been reviewed and approved by the designated Third Party Engineer will be accepted at the Malanka Landfill Facility. The material must be sampled in accordance with the NJDEP approved Materials Acceptance Protocol for Malanka Landfill.</b></p>					
<b>Transporter's Certification</b>			<b>Customer's Certification</b>		
<p>The Transporter named herein hereby certifies that the material being delivered as represented on this Bill of Lading is the material that has been picked up from the Generator's site as listed on this Bill of Lading and that no additional material was added to this shipment.</p>			<p>The Customer hereby certifies that the material being delivered as represented on this Bill of Lading is the material that has been approved by the Third Party Engineer in accordance with the Materials Acceptance Protocol and Customer agrees to pay Secaucus Brownfields Redevelopment, LLC (SBR) for the acceptance of this material in accordance with the terms and conditions of the Agreement between the parties. Failure to pay SBR for the material shall be deemed illegal dumping and the appropriate authorities will be notified.</p>		
Drivers Name: <u>CARLOS CASTILLO</u> Driver's Signature: <u>[Signature]</u> Date: <u>08/15/13</u>			Customer's Name: _____ Customer's Signature: _____ Date: _____		
<b>Generator's Authorized Representative</b>			<b>Facility Acceptance: Secaucus Brownfield Redevelopment, LLC</b>		
<p>This is to certify that the above named materials are properly classified, and being shipped to the Malanka Landfill in accordance with the approval received from the Third Party Engineer and I am authorized to sign this Bill of Lading on behalf of Generator.</p>			<p>Secaucus Brownfields Redevelopment, LLC agrees to accept the material manifested herein in accordance with the NJDEP approved Materials Acceptance Protocol, upon receipt of full payment for acceptance of material. If payment is not received, SBR does not accept the material and it shall be considered illegally dumped at the Malanka Landfill Facility by the Generator and Customer and said action shall be reported to the appropriate authorities.</p>		
Name: <u>Sidon Cecilio</u> Title: _____ Signature: <u>[Signature]</u> Date: <u>8/15/13</u>			Name: <u>Nicole Varano</u> Signature: <u>[Signature]</u> Date: <u>8/15/13</u>		

*White and Yellow- Secaucus Brownfields Redevelopment, Pink - Customer, Green - Generator*

13353

Truck Name & Number Castillo #4  
Weighed by [Signature] 8/15/13

07:54 14 08  
11:20 15 08  
00:00 15 08  
00:00 15 08

35734

Driver Signature [Signature]

**Certified Weight By: DT Allen Materials, LLC**  
11 Birch Street • Midland Park, NJ 07432  
201-689-9509

**SECAUCUS BROWNFIELDS REDEVELOPMENT, LLC  
BILL OF LADING**

Number 35738

<b>GENERATOR NAME AND ADDRESS</b>		<b>Third Party Review Engineer: Galli Engineering, P.C.</b>		
[Name]	586 Myrtle LLC 34 Rodney Street Brooklyn, NY 11249 Tel.No. 845-721-7874	DATE OF MATERIAL APPROVAL:	April 23, 2013	
[Street Address]		MATERIAL APPROVAL #:	Approval 152	
[City, ST ZIP Code]				
SID No.:				
<b>MATERIAL BEING SHIPPED TO</b>		<b>TRANSPORTER'S INFORMATION</b>		
Secaucus Brownfields Redevelopment (SBR), LLC Malanka Landfill Facility Entrance on West Side Avenue (Jersey City) Secaucus, New Jersey Tel. (201) 689-9509 Fax (201) 689-0593  NJEMS PI #: _____  NJDEP Facility ID #: 132247		Trucking Company Name	C.F. Bro.	
		Name and Number on Truck	07	
		Vehicle Plate No:	AL 794W	
		USDOT #		
		Type of Delivery Vehicle: <i>Please check one</i>	Tri-Axel Dump <input type="checkbox"/> Tandem Dump <input type="checkbox"/> Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>	
<b>CUSTOMER NAME</b>		<b>MATERIAL</b>		
[Name]	Soil Safe Solutions 2545 Hempstead Turnpike-Suite 201 East Meadow, NY 11554  Redevelopment Project	Clean Fill <input checked="" type="checkbox"/> Recycled Masonry <input type="checkbox"/> Processed Dredge Material (PDM) <input type="checkbox"/>		
[Street Address]		<input type="checkbox"/> Kaojin <input type="checkbox"/> Fill from recycling facilities <input type="checkbox"/> Construction Fill <input type="checkbox"/>		
[City, ST ZIP Code]		<input type="checkbox"/> Other (Description):		
Origin of Fill Material: (Location/Source)	586-588 Myrtle Avenue Brooklyn, NY 11205	<input type="checkbox"/> Grid Location		
[Street Address]	Block #1910 Lot #23	Physical Description of Material:		
[City, ST ZIP Code]				
<b>ADDITIONAL INFORMATION</b>				
<b>Description</b>	<b>Cubic Yard Volume</b>	<b>Gross Vehicle Weight</b>	<b>Scale Ticket</b> <b>Additional Information</b>	
One Truck Load	16 cubic yards		Y      N	
<b>Grand Total</b>				
<p>Secaucus Brownfields Redevelopment, LLC (SBR) reserves the right to reject any material delivered to the Malanka Facility, in its sole and absolute discretion. If any material is rejected after it has been removed from the delivery truck, it shall be removed from the site within (48) hours at the sole cost and expense of the Customer. By signing this Bill of Lading, Customer and Generator confirm that the material being delivered has been approved by the Third Party Engineer and agrees to remove any fill material delivered that is rejected by SBR, at Customer's sole and exclusive cost and expense. If material is being delivered to the Malanka Facility based on volume, then the volume of each truck shall be agreed to by the Customer, Generator, and SBR. If Material is being delivered to the Malanka Facility on a weight basis, then each load shall be accompanied with a scaled weight ticket, inclusive of a tare weight for the vehicle delivering the material. No material can be delivered to Malanka unless accompanied by a Bill of Lading. Furthermore, no material may be off loaded at Malanka unless an authorized representative of SBR signs this Bill of Lading as noted below.</p>				
<p><b>Note: Only fill material that has been reviewed and approved by the designated Third Party Engineer will be accepted at the Malanka Landfill Facility. The material must be sampled in accordance with the NJDEP approved Materials Acceptance Protocol for Malanka Landfill.</b></p>				
<b>Transporter's Certification</b>		<b>Customer's Certification</b>		
<p>The Transporter named herein hereby certifies that the material being delivered as represented on this Bill of Lading is the material that has been picked up from the Generator's site as listed on this Bill of Lading and that no additional material was added to this shipment.</p> <p>Drivers Name: <u>Joseph Corbin</u></p> <p>Driver's Signature: <u>[Signature]</u> Date: <u>8-15-13</u></p>		<p>The Customer hereby certifies that the material being delivered as represented on this Bill of Lading is the material that has been approved by the Third Party Engineer in accordance with the Materials Acceptance Protocol and Customer agrees to pay Secaucus Brownfields Redevelopment, LLC (SBR) for the acceptance of this material in accordance with the terms and conditions of the Agreement between the parties. Failure to pay SBR for the material shall be deemed illegal dumping and the appropriate authorities will be notified.</p> <p>Customer's Name: _____</p> <p>Customer's Signature: _____ Date: _____</p>		
<b>Generator's Authorized Representative</b>		<b>Facility Acceptance: Secaucus Brownfield Redevelopment, LLC</b>		
<p>This is to certify that the above named materials are properly classified, and being shipped to the Malanka Landfill in accordance with the approval received from the Third Party Engineer and I am authorized to sign this Bill of Lading on behalf of Generator.</p> <p>Name: <u>Simon Corbin</u></p> <p>Title: _____</p> <p>Signature: <u>[Signature]</u> Date: <u>8/15/13</u></p>		<p>Secaucus Brownfields Redevelopment, LLC agrees to accept the material manifested herein in accordance with the NJDEP approved Materials Acceptance Protocol, upon receipt of full payment for acceptance of material. If payment is not received, SBR does not accept the material and it shall be considered illegally dumped at the Malanka Landfill Facility by the Generator and Customer and said action shall be reported to the appropriate authorities.</p> <p>Name: <u>Nicole Vavano</u></p> <p>Signature: <u>[Signature]</u> Date: <u>8-15-13</u></p>		

**SECAUCUS BROWNFIELDS REDEVELOPMENT, LLC  
BILL OF LADING**

Number 35737

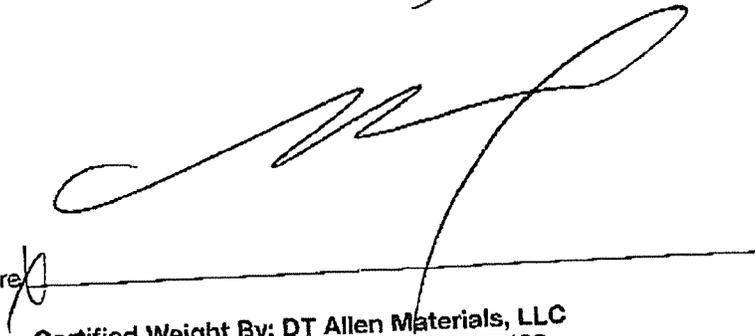
<b>GENERATOR NAME AND ADDRESS</b>		<b>Third Party Review Engineer: Galli Engineering, P.C.</b>		
[Name]	588 Myrtle LLC 34 Rodney Street Brooklyn, NY 11248 Tel.No. 845-721-7874	DATE OF MATERIAL APPROVAL:	April 23, 2013	
[Street Address]		MATERIAL APPROVAL #:	Approval 152	
[City, ST ZIP Code]				
SID No.:				
<b>MATERIAL BEING SHIPPED TO</b>		<b>TRANSPORTER'S INFORMATION</b>		
Secaucus Brownfields Redevelopment (SBR), LLC Malanka Landfill Facility Entrance on West Side Avenue (Jersey City) Secaucus, New Jersey Tel. (201) 689-9509 Fax (201) 689-0593  NJEMS PI #: _____  NJDEP Facility ID #: 132247		Trucking Company Name	<u>C.I.E. Bros</u>	
		Name and Number on Truck	<u>07</u>	
		Vehicle Plate No:	<u>A 2796W</u>	
		USDOT #		
		Type of Delivery Vehicle: <i>Please check one</i>	Tri-Axel Dump <input type="checkbox"/> Tandem Dump <input type="checkbox"/> Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>	
<b>CUSTOMER NAME</b>		<b>MATERIAL</b>		
[Name]	Soil Safe Solutions 2545 Hempstead Turnpike-Suite 201 East Meadow, NY 11554	Clean Fill <input checked="" type="checkbox"/> Recycled Masonry <input type="checkbox"/> Processed Dredge Material (PDM)		
[Street Address]		<input checked="" type="checkbox"/> Kaofin <input type="checkbox"/> Fill from recycling facilities <input type="checkbox"/> Construction Fill		
[City, ST ZIP Code]		<input type="checkbox"/> Other (Description):		
Origin of Fill Material: (Location/Source)	Redevelopment Project 588-588 Myrtle Avenue Brooklyn, NY 11205	<input type="checkbox"/> Grid Location		
[Street Address]	Block #1910 Lot #23	Physical Description of Material:		
[City, ST ZIP Code]				
<b>ADDITIONAL INFORMATION</b>				
Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket <b>Additional Information</b>	
One Truck Load	16 cubic yards		Y      N	
<b>Grand Total</b>				
<p>Secaucus Brownfields Redevelopment, LLC (SBR) reserves the right to reject any material delivered to the Malanka Facility, in its sole and absolute discretion. If any material is rejected after it has been removed from the delivery truck, it shall be removed from the site within (48) hours at the sole cost and expense of the Customer. By signing this Bill of Lading, Customer and Generator confirm that the material being delivered has been approved by the Third Party Engineer and agrees to remove any fill material delivered that is rejected by SBR, at Customer's sole and exclusive cost and expense. If material is being delivered to the Malanka Facility based on volume, then the volume of each truck shall be agreed to by the Customer, Generator, and SBR. If Material is being delivered to the Malanka Facility on a weight basis, then each load shall be accompanied with a scaled weight ticket, inclusive of a tare weight for the vehicle delivering the material. No material can be delivered to Malanka unless accompanied by a Bill of Lading. Furthermore, no material may be off loaded at Malanka unless an authorized representative of SBR signs this Bill of Lading as noted below.</p>				
<p><b>Note: Only fill material that has been reviewed and approved by the designated Third Party Engineer will be accepted at the Malanka Landfill Facility. The material must be sampled in accordance with the NJDEP approved Materials Acceptance Protocol for Malanka Landfill.</b></p>				
<b>Transporter's Certification</b>		<b>Customer's Certification</b>		
<p>The Transporter named herein hereby certifies that the material being delivered as represented on this Bill of Lading is the material that has been picked up from the Generator's site as listed on this Bill of Lading and that no additional material was added to this shipment.</p> <p>Drivers Name: <u>[Signature]</u></p> <p>Driver's Signature: <u>[Signature]</u>      Date: <u>8-15-13</u></p>		<p>The Customer hereby certifies that the material being delivered as represented on this Bill of Lading is the material that has been approved by the Third Party Engineer in accordance with the Materials Acceptance Protocol and Customer agrees to pay Secaucus Brownfields Redevelopment, LLC (SBR) for the acceptance of this material in accordance with the terms and conditions of the Agreement between the parties. Failure to pay SBR for the material shall be deemed illegal dumping and the appropriate authorities will be notified.</p> <p>Customer's Name: _____</p> <p>Customer's Signature: _____      Date: _____</p>		
<b>Generator's Authorized Representative</b>		<b>Facility Acceptance: Secaucus Brownfield Redevelopment, LLC</b>		
<p>This is to certify that the above named materials are properly classified, and being shipped to the Malanka Landfill in accordance with the approval received from the Third Party Engineer and I am authorized to sign this Bill of Lading on behalf of Generator.</p> <p>Name: <u>Simon Curpio</u></p> <p>Title: _____</p> <p>Signature: <u>[Signature]</u>      Date: <u>8/15/13</u></p>		<p>Secaucus Brownfields Redevelopment, LLC agrees to accept the material manifested herein in accordance with the NJDEP approved Materials Acceptance Protocol, upon receipt of full payment for acceptance of material. If payment is not received, SBR does not accept the material and it shall be considered illegally dumped at the Malanka Landfill Facility by the Generator and Customer and said action shall be reported to the appropriate authorities.</p> <p>Name: <u>Nicole Varano</u></p> <p>Signature: <u>[Signature]</u>      Date: <u>8-15-13</u></p>		

13384

Truck Name & Number CF Brothers #10  
Weighed by Mike Van 8-15-13

02000 15 SR  
10000 15 TR  
52000 15 NT  
11000 SR 020 15 2013

35732

Driver Signature 

Certified Weight By: DT Allen Materials, LLC  
11 Birch Street • Midland Park, NJ 07432  
201-689-9509

**SECAUCUS BROWNFIELDS REDEVELOPMENT, LLC  
BILL OF LADING**

Number 35732

<b>GENERATOR NAME AND ADDRESS</b>		<b>Third Party Review Engineer: Galli Engineering, P.C.</b>			
[Name]	586 Myrtle LLC 34 Rodney Street Brooklyn, NY 11249 Tel.No. 845-721-7874	DATE OF MATERIAL APPROVAL:		April 23, 2013	
[Street Address]		MATERIAL APPROVAL #:		Approval 152	
[City, ST ZIP Code]					
SID No.:					
<b>MATERIAL BEING SHIPPED TO</b>		<b>TRANSPORTER'S INFORMATION</b>			
Secaucus Brownfields Redevelopment (SBR), LLC Malanka Landfill Facility Entrance on West Side Avenue (Jersey City) Secaucus, New Jersey Tel. (201) 689-9509 Fax (201) 689-0593  NJEMS PI #: _____  NJDEP Facility ID #: 132247		Trucking Company Name		<i>Get Bros</i>	
		Name and Number on Truck		<i>207 Bros</i>	
		Vehicle Plate No:		<i>AK 312C</i>	
		USDOT #			
		Type of Delivery Vehicle: <i>Please check one</i>		Tri-Axel Dump <input type="checkbox"/> Tandem Dump <input type="checkbox"/> Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>	
<b>CUSTOMER NAME</b>		<b>MATERIAL</b>			
[Name]	Soil Safe Solutions 2545 Hempstead Turnpike-Suite 201 East Meadow, NY 11554	Clean Fill <input type="checkbox"/> Recycled Masonry <input type="checkbox"/> Processed Dredge Material (PDM) <input type="checkbox"/> <input checked="" type="checkbox"/> Kaofin <input type="checkbox"/> Fill from recycling facilities <input type="checkbox"/> Construction Fill <input type="checkbox"/> <input type="checkbox"/> Other (Description): _____			
[Street Address]		<input type="checkbox"/> Grid Location  Physical Description of Material: _____			
[City, ST ZIP Code]	Redevelopment Project 586-588 Myrtle Avenue Brooklyn, NY 11205 Block #1910 Lot #23				
Origin of Fill Material: (Location/Source)					
[Street Address]					
[City, ST ZIP Code]					
<b>ADDITIONAL INFORMATION</b>					
Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket		Additional Information
One Truck Load	16 cubic yards		Y	N	
<b>Grand Total</b>					
Secaucus Brownfields Redevelopment, LLC (SBR) reserves the right to reject any material delivered to the Malanka Facility, in it's sole and absolute discretion. If any material is rejected after it has been removed from the delivery truck, it shall be removed from the site within (48) hours at the sole cost and expense of the Customer. By signing this Bill of Lading, Customer and Generator confirm that the material being delivered has been approved by the Third Party Engineer and agrees to remove any fill material delivered that is rejected by SBR, at Customer's sole and exclusive cost and expense. If material is being delivered to the Malanka Facility based on volume, then the volume of each truck shall be agreed to by the Customer, Generator, and SBR. If Material is being delivered to the Malanka Facility on a weight basis, then each load shall be accompanied with a scaled weight ticket, inclusive of a tare weight for the vehicle delivering the material. No material can be delivered to Malanka unless accompanied by a Bill of Lading. Furthermore, no material may be off loaded at Malanka unless an authorized representative of SBR signs this Bill of Lading as noted below.					
<b>Note: Only fill material that has been reviewed and approved by the designated Third Party Engineer will be accepted at the Malanka Landfill Facility. The material must be sampled in accordance with the NJDEP approved Materials Acceptance Protocol for Malanka Landfill.</b>					
<b>Transporter's Certification</b>			<b>Customer's Certification</b>		
The Transporter named herein hereby certifies that the material being delivered as represented on this Bill of Lading is the material that has been picked up from the Generator's site as listed on this Bill of Lading and that no additional material was added to this shipment.  Drivers Name: <u><i>J. Medina</i></u> Driver's Signature: <u><i>[Signature]</i></u> Date: <u><i>9/15/13</i></u>			The Customer hereby certifies that the material being delivered as represented on this Bill of Lading is the material that has been approved by the Third Party Engineer in accordance with the Materials Acceptance Protocol and Customer agrees to pay Secaucus Brownfields Redevelopment, LLC (SBR) for the acceptance of this material in accordance with the terms and conditions of the Agreement between the parties. Failure to pay SBR for the material shall be deemed illegal dumping and the appropriate authorities will be notified.  Customer's Name: _____ Customer's Signature: _____ Date: _____		
<b>Generator's Authorized Representative</b>			<b>Facility Acceptance: Secaucus Brownfield Redevelopment, LLC</b>		
This is to certify that the above named materials are properly classified, and being shipped to the Malanka Landfill in accordance with the approval received from the Third Party Engineer and I am authorized to sign this Bill of Lading on behalf of Generator.  Name: <u><i>X Simon Campic</i></u> Title: _____ Signature: <u><i>[Signature]</i></u> Date: <u><i>8/15/13</i></u>			Secaucus Brownfields Redevelopment, LLC agrees to accept the material manifested herein in accordance with the NJDEP approved Materials Acceptance Protocol, upon receipt of full payment for acceptance of material. If payment is not received, SBR does not accept the material and it shall be considered illegally dumped at the Malanka Landfill Facility by the Generator and Customer and said action shall be reported to the appropriate authorities.  Name: <u><i>Nicolo Vavano</i></u> Signature: <u><i>[Signature]</i></u> Date: <u><i>8-15-13</i></u>		

13337

Truck Name & Number CF Brothers #70  
Weighed by [Signature]

8/15/13

9:00 AM '13  
7:00 PM '13  
1:00 PM '13  
10:00 AM '13

35731

[Signature]

Driver Signature

**Certified Weight By: DT Allen Materials, LLC**  
11 Birch Street • Midland Park, NJ 07432  
201-689-9509

**SECAUCUS BROWNFIELDS REDEVELOPMENT, LLC  
BILL OF LADING**

Number 35731

<b>GENERATOR NAME AND ADDRESS</b>		<b>Third Party Review Engineer: Galli Engineering, P.C.</b>	
[Name]	586 Myrtle LLC 34 Rodney Street Brooklyn, NY 11249 Tel.No. 845-721-7874	DATE OF MATERIAL APPROVAL: April 23, 2013	
[Street Address]		MATERIAL APPROVAL #: Approval 152	
[City, ST ZIP Code]			
SID No.:			
<b>MATERIAL BEING SHIPPED TO</b>		<b>TRANSPORTER'S INFORMATION</b>	
Secaucus Brownfields Redevelopment (SBR), LLC Malanka Landfill Facility Entrance on West Side Avenue (Jersey City) Secaucus, New Jersey Tel. (201) 689-9509 Fax (201) 689-0593  NJEMS PI #: _____  NJDEP Facility ID #: 132247		Trucking Company Name	<u>SAF Brass</u>
		Name and Number on Truck	<u>SAF Brass</u>
		Vehicle Plate No:	<u>AJ 32 C</u>
		USDOT #	
		Type of Delivery Vehicle: <i>Please check one</i>	Tri-Axel Dump <input type="checkbox"/> Tandem Dump <input type="checkbox"/> Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>
<b>CUSTOMER NAME</b>		<b>MATERIAL</b>	
[Name]	Soil Safe Solutions 2545 Hempstead Turnpike-Suite 201 East Meadow, NY 11554	Clean Fill <input type="checkbox"/> Recycled Masonry <input type="checkbox"/> Processed Dredge Material (PDM) <input type="checkbox"/>	
[Street Address]		Kaofin <input type="checkbox"/> Fill from recycling facilities <input type="checkbox"/> Construction Fill <input type="checkbox"/>	
[City, ST ZIP Code]		<input type="checkbox"/> Other (Description):	
Origin of Fill Material: (Location/Source)	Redevelopment Project 586-588 Myrtle Avenue Brooklyn, NY 11205 Block #1910 Lot #23	<input type="checkbox"/> Grid Location	
[Street Address]		Physical Description of Material:	
[City, ST ZIP Code]			
<b>ADDITIONAL INFORMATION</b>			
Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket
One Truck Load	16 cubic yards		Y N
<b>Grand Total</b>			
<p>Secaucus Brownfields Redevelopment, LLC (SBR) reserves the right to reject any material delivered to the Malanka Facility, in its sole and absolute discretion. If any material is rejected after it has been removed from the delivery truck, it shall be removed from the site within (48) hours at the sole cost and expense of the Customer. By signing this Bill of Lading, Customer and Generator confirm that the material being delivered has been approved by the Third Party Engineer and agrees to remove any fill material delivered that is rejected by SBR, at Customer's sole and exclusive cost and expense. If material is being delivered to the Malanka Facility based on volume, then the volume of each truck shall be agreed to by the Customer, Generator, and SBR. If Material is being delivered to the Malanka Facility on a weight basis, then each load shall be accompanied with a scaled weight ticket, inclusive of a tare weight for the vehicle delivering the material. No material can be delivered to Malanka unless accompanied by a Bill of Lading. Furthermore, no material may be off loaded at Malanka unless an authorized representative of SBR signs this Bill of Lading as noted below.</p>			
<p><b>Note: Only fill material that has been reviewed and approved by the designated Third Party Engineer will be accepted at the Malanka Landfill Facility. The material must be sampled in accordance with the NJDEP approved Materials Acceptance Protocol for Malanka Landfill.</b></p>			
<b>Transporter's Certification</b>		<b>Customer's Certification</b>	
<p>The Transporter named herein hereby certifies that the material being delivered as represented on this Bill of Lading is the material that has been picked up from the Generator's site as listed on this Bill of Lading and that no additional material was added to this shipment.</p> <p>Drivers Name: <u>FERRARI</u></p> <p>Driver's Signature: <u>[Signature]</u> Date: <u>8/15/13</u></p>		<p>The Customer hereby certifies that the material being delivered as represented on this Bill of Lading is the material that has been approved by the Third Party Engineer in accordance with the Materials Acceptance Protocol and Customer agrees to pay Secaucus Brownfields Redevelopment, LLC (SBR) for the acceptance of this material in accordance with the terms and conditions of the Agreement between the parties. Failure to pay SBR for the material shall be deemed illegal dumping and the appropriate authorities will be notified.</p> <p>Customer's Name: _____</p> <p>Customer's Signature: _____ Date: _____</p>	
<b>Generator's Authorized Representative</b>		<b>Facility Acceptance: Secaucus Brownfield Redevelopment, LLC</b>	
<p>This is to certify that the above named materials are properly classified, and being shipped to the Malanka Landfill in accordance with the approval received from the Third Party Engineer and I am authorized to sign this Bill of Lading on behalf of Generator.</p> <p>Name: <u>Simon Cecilio</u></p> <p>Title: <u>[Signature]</u></p> <p>Signature: <u>[Signature]</u> Date: <u>8/15/13</u></p>		<p>Secaucus Brownfields Redevelopment, LLC agrees to accept the material manifested herein in accordance with the NJDEP approved Materials Acceptance Protocol, upon receipt of full payment for acceptance of material. If payment is not received, SBR does not accept the material and it shall be considered illegally dumped at the Malanka Landfill Facility by the Generator and Customer and said action shall be reported to the appropriate authorities.</p> <p>Name: <u>Nicola Varano</u></p> <p>Signature: <u>[Signature]</u> Date: <u>8/15/13</u></p>	

13319

Truck Name & Number QF Brothers #71  
Weighed by [Signature] 8-15-13

80120 14 59  
11:55 AM AUG 15 2013

35770

Driver Signature [Signature]

**Certified Weight By: DT Allen Materials, LLC**  
**11 Birch Street • Midland Park, NJ 07432**  
**201-689-9509**

13383

Truck Name & Number CF Brothers #71  
Weighed by [Signature] 8-15-13

79600 15 EE  
11:42 AM AUG 15 2013

Empty

35770

Driver Signature [Signature]

Certified Weight By: DT Allen Materials, LLC  
11 Birch Street • Midland Park, NJ 07432  
201-689-9509

**SECAUCUS BROWNFIELDS REDEVELOPMENT, LLC  
BILL OF LADING**

Number 35770

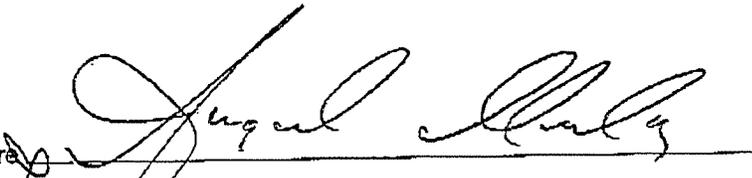
<b>GENERATOR NAME AND ADDRESS</b>		<b>Third Party Review Engineer: Galli Engineering, P.C.</b>		
[Name]	580 Myrtle LLC 34 Rodney Street Brooklyn, NY 11249 Tel.No. 845-721-7874	DATE OF MATERIAL APPROVAL: April 23, 2013		
[Street Address]		MATERIAL APPROVAL #: Approval 152		
[City, ST ZIP Code]				
SID No.:				
<b>MATERIAL BEING SHIPPED TO</b>		<b>TRANSPORTER'S INFORMATION</b>		
Secaucus Brownfields Redevelopment (SBR), LLC Malanka Landfill Facility Entrance on West Side Avenue (Jersey City) Secaucus, New Jersey Tel. (201) 689-9509 Fax (201) 689-0593  NJEMS PI #: _____  NJDEP Facility ID #: 132247		Trucking Company Name	<u>CF Road</u>	
		Name and Number on Truck	<u>CF 71</u>	
		Vehicle Plate No:	<u>AP 7335</u>	
		USDOT #		
		Type of Delivery Vehicle: <i>Please check one</i>	Tri-Axel Dump <input type="checkbox"/> Tandem Dump <input type="checkbox"/> Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>	
<b>CUSTOMER NAME</b>		<b>MATERIAL</b>		
[Name]	Soil Safe Solutions 2545 Hempstead Turnpike-Suite 201 East Meadow, NY 11554	Clean Fill <input type="checkbox"/> Recycled Masonry <input type="checkbox"/> Processed Dredge Material (PDM) <input type="checkbox"/>		
[Street Address]		Kaolin <input type="checkbox"/> Fill from recycling facilities <input type="checkbox"/> Construction Fill <input type="checkbox"/>		
[City, ST ZIP Code]		<input type="checkbox"/> Other (Description):		
Origin of Fill Material: (Location/Source)	redevelopment project 586-588 Myrtle Avenue Brooklyn, NY 11205 Block #1910 Lot #23	<input type="checkbox"/> Grid Location		
[Street Address]		Physical Description of Material:		
[City, ST ZIP Code]				
<b>ADDITIONAL INFORMATION</b>				
Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	16 cubic yards		Y   N	
<b>Grand Total</b>				
<p>Secaucus Brownfields Redevelopment, LLC (SBR) reserves the right to reject any material delivered to the Malanka Facility, in its sole and absolute discretion. If any material is rejected after it has been removed from the delivery truck, it shall be removed from the site within (48) hours at the sole cost and expense of the Customer. By signing this Bill of Lading, Customer and Generator confirm that the material being delivered has been approved by the Third Party Engineer and agrees to remove any fill material delivered that is rejected by SBR, at Customer's sole and exclusive cost and expense. If material is being delivered to the Malanka Facility based on volume, then the volume of each truck shall be agreed to by the Customer, Generator, and SBR. If Material is being delivered to the Malanka Facility on a weight basis, then each load shall be accompanied with a scaled weight ticket, inclusive of a tare weight for the vehicle delivering the material. No material can be delivered to Malanka unless accompanied by a Bill of Lading. Furthermore, no material may be off loaded at Malanka unless an authorized representative of SBR signs this Bill of Lading as noted below.</p>				
<p><b>Note: Only fill material that has been reviewed and approved by the designated Third Party Engineer will be accepted at the Malanka Landfill Facility. The material must be sampled in accordance with the NJDEP approved Materials Acceptance Protocol for Malanka Landfill.</b></p>				
<b>Transporter's Certification</b>		<b>Customer's Certification</b>		
<p>The Transporter named herein hereby certifies that the material being delivered as represented on this Bill of Lading is the material that has been picked up from the Generator's site as listed on this Bill of Lading and that no additional material was added to this shipment.</p> <p>Drivers Name: <u>Flores Martinez</u></p> <p>Driver's Signature: <u>[Signature]</u> Date: <u>8/15/13</u></p>		<p>The Customer hereby certifies that the material being delivered as represented on this Bill of Lading is the material that has been approved by the Third Party Engineer in accordance with the Materials Acceptance Protocol and Customer agrees to pay Secaucus Brownfields Redevelopment, LLC (SBR) for the acceptance of this material in accordance with the terms and conditions of the Agreement between the parties. Failure to pay SBR for the material shall be deemed illegal dumping and the appropriate authorities will be notified.</p> <p>Customer's Name: _____</p> <p>Customer's Signature: _____ Date: _____</p>		
<b>Generator's Authorized Representative</b>		<b>Facility Acceptance: Secaucus Brownfield Redevelopment, LLC</b>		
<p>This is to certify that the above named materials are properly classified, and being shipped to the Malanka Landfill in accordance with the approval received from the Third Party Engineer and I am authorized to sign this Bill of Lading on behalf of Generator.</p> <p>Name: <u>Simon Caspio</u></p> <p>Title: _____</p> <p>Signature: <u>[Signature]</u> Date: <u>8/15/13</u></p>		<p>Secaucus Brownfields Redevelopment, LLC agrees to accept the material manifested herein in accordance with the NJDEP approved Materials Acceptance Protocol, upon receipt of full payment for acceptance of material. If payment is not received, SBR does not accept the material and it shall be considered illegally dumped at the Malanka Landfill Facility by the Generator and Customer and said action shall be reported to the appropriate authorities.</p> <p>Name: <u>Nicole Varano</u></p> <p>Signature: <u>[Signature]</u> Date: <u>8-15-13</u></p>		

13495

Truck Name & Number Rendez #28  
Weighed by Paul Van 8-16-13

57128 15 02  
35000 15 02  
34120 15 07  
1011 08 08 16 2013

35MB

Driver Signature 

Certified Weight By: DT Allen Materials, LLC  
11 Birch Street • Midland Park, NJ 07432  
201-689-9509

**SECAUCUS BROWNFIELDS REDEVELOPMENT, LLC  
BILL OF LADING**

Number 35743

<b>GENERATOR NAME AND ADDRESS</b>		<b>Third Party Review Engineer: Galli Engineering, P.C.</b>		
[Name]	586 Myrtle LLC 34 Rodney Street Brooklyn, NY 11249 Tel.No. 845-721-7874	DATE OF MATERIAL APPROVAL: April 23, 2013		
[Street Address]		MATERIAL APPROVAL #: Approval 152		
[City, ST ZIP Code]				
SID No.:				
<b>MATERIAL BEING SHIPPED TO</b>		<b>TRANSPORTER'S INFORMATION</b>		
Secaucus Brownfields Redevelopment (SBR), LLC Malanka Landfill Facility Entrance on West Side Avenue (Jersey City) Secaucus, New Jersey Tel. (201) 689-9509 Fax (201) 689-0593  NJEMS PI #: _____  NJDEP Facility ID #: 132247		Trucking Company Name	<i>MENDEZ TRUCKING</i>	
		Name and Number on Truck	<i>MENDEZ T# 28</i>	
		Vehicle Plate No:	<i>AN869 W / N.J.</i>	
		USDOT #		
		Type of Delivery Vehicle: <i>Please check one</i>	Tri-Axel Dump <input checked="" type="checkbox"/> Tandem Dump <input type="checkbox"/> Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>	
<b>CUSTOMER NAME</b>		<b>MATERIAL</b>		
[Name]	Soil Safe Solutions 2545 Hempstead Turnpike-Suite 201 East Meadow, NY 11554	Clean Fill <input type="checkbox"/> Recycled Masonry <input type="checkbox"/> Processed Dredge Material (PDM) <input type="checkbox"/> Kaofin <input type="checkbox"/> Fill from recycling facilities <input type="checkbox"/> Construction Fill <input type="checkbox"/> <input type="checkbox"/> Other (Description): <i>71-111-1</i>		
[Street Address]		<input type="checkbox"/> Grid Location		
[City, ST ZIP Code]	Redevelopment Project 586-588 Myrtle Avenue Brooklyn, NY 11205 Block #1910 Lot #23	Physical Description of Material:		
Origin of Fill Material: (Location/Source)				
[Street Address]				
[City, ST ZIP Code]				
<b>ADDITIONAL INFORMATION</b>				
Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	16 cubic yards		Y    N	
<b>Grand Total</b>				
<p>Secaucus Brownfields Redevelopment, LLC (SBR) reserves the right to reject any material delivered to the Malanka Facility, in its sole and absolute discretion. If any material is rejected after it has been removed from the delivery truck, it shall be removed from the site within (48) hours at the sole cost and expense of the Customer. By signing this Bill of Lading, Customer and Generator confirm that the material being delivered has been approved by the Third Party Engineer and agrees to remove any fill material delivered that is rejected by SBR, at Customer's sole and exclusive cost and expense. If material is being delivered to the Malanka Facility based on volume, then the volume of each truck shall be agreed to by the Customer, Generator, and SBR. If Material is being delivered to the Malanka Facility on a weight basis, then each load shall be accompanied with a scaled weight ticket, inclusive of a tare weight for the vehicle delivering the material. No material can be delivered to Malanka unless accompanied by a Bill of Lading. Furthermore, no material may be off loaded at Malanka unless an authorized representative of SBR signs this Bill of Lading as noted below.</p>				
<p><b>Note: Only fill material that has been reviewed and approved by the designated Third Party Engineer will be accepted at the Malanka Landfill Facility. The material must be sampled in accordance with the NJDEP approved Materials Acceptance Protocol for Malanka Landfill.</b></p>				
<b>Transporter's Certification</b>		<b>Customer's Certification</b>		
<p>The Transporter named herein hereby certifies that the material being delivered as represented on this Bill of Lading is the material that has been picked up from the Generator's site as listed on this Bill of Lading and that no additional material was added to this shipment.</p> <p>Drivers Name: <i>ANGEL MORALES</i></p> <p>Driver's Signature: <i>A. Morales</i> Date: <i>8-16-13</i></p>		<p>The Customer hereby certifies that the material being delivered as represented on this Bill of Lading is the material that has been approved by the Third Party Engineer in accordance with the Materials Acceptance Protocol and Customer agrees to pay Secaucus Brownfields Redevelopment, LLC (SBR) for the acceptance of this material in accordance with the terms and conditions of the Agreement between the parties. Failure to pay SBR for the material shall be deemed illegal dumping and the appropriate authorities will be notified.</p> <p>Customer's Name: _____</p> <p>Customer's Signature: _____ Date: _____</p>		
<b>Generator's Authorized Representative</b>		<b>Facility Acceptance: Secaucus Brownfield Redevelopment, LLC</b>		
<p>This is to certify that the above named materials are properly classified, and being shipped to the Malanka Landfill in accordance with the approval received from the Third Party Engineer and I am authorized to sign this Bill of Lading on behalf of Generator.</p> <p>Name: _____</p> <p>Title: _____</p> <p>Signature: <i>S. Man</i> Date: <i>8-16-13</i></p>		<p>Secaucus Brownfields Redevelopment, LLC agrees to accept the material manifested herein in accordance with the NJDEP approved Materials Acceptance Protocol, upon receipt of full payment for acceptance of material. If payment is not received, SBR does not accept the material and it shall be considered illegally dumped at the Malanka Landfill Facility by the Generator and Customer and said action shall be reported to the appropriate authorities.</p> <p>Name: <i>Nicole Varano</i></p> <p>Signature: <i>Nicole Varano</i> Date: <i>8-16-13</i></p>		

13430

Truck Name & Number Mendez #29  
Weighed by [Signature] 8-16-13

09720 12 00  
00200 12 00  
00500 12 00  
01119 08 009 15 2013

35739

Driver Signature [Signature]

Certified Weight By: DT Allen Materials, LLC  
11 Birch Street • Midland Park, NJ 07432  
201-689-9509

**SECAUCUS BROWNFIELDS REDEVELOPMENT, LLC  
BILL OF LADING**

Number 35739

<b>GENERATOR NAME AND ADDRESS</b>		<b>Third Party Review Engineer: Galli Engineering, P.C.</b>				
[Name]	586 Myrtle LLC 34 Rodney Street Brooklyn, NY 11249 Tel.No. 846-721-7874	<b>DATE OF MATERIAL APPROVAL:</b>		April 23, 2010		
[Street Address]		<b>MATERIAL APPROVAL #:</b>		Approval 152		
[City, ST ZIP Code]						
SID No.:						
<b>MATERIAL BEING SHIPPED TO</b>			<b>TRANSPORTER'S INFORMATION</b>			
Secaucus Brownfields Redevelopment (SBR), LLC Malanka Landfill Facility Entrance on West Side Avenue (Jersey City) Secaucus, New Jersey Tel. (201) 689-9509 Fax (201) 689-0593  NJEMS PI #: _____  NJDEP Facility ID #: 132247			Trucking Company Name		<i>Amendez</i>	
			Name and Number on Truck		# 24	
			Vehicle Plate No:		APJ56H	
			USDOT #		1445326	
			Type of Delivery Vehicle: <i>Please check one</i>		Tri-Axel Dump <input checked="" type="checkbox"/> Tandem Dump <input type="checkbox"/> Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>	
<b>CUSTOMER NAME</b>			<b>MATERIAL</b>			
[Name]	Soil Safe Solutions 2545 Hempstead Turnpike-Suite 201 East Meadow, NY 11554		Clean Fill <input type="checkbox"/> Recycled Masonry <input type="checkbox"/> Processed Dredge Material (PDM) <input type="checkbox"/>			
[Street Address]			Kaofin <input type="checkbox"/> Fill from recycling facilities <input type="checkbox"/> Construction Fill <input type="checkbox"/>			
[City, ST ZIP Code]			Other (Description): _____			
<b>Origin of Fill Material:</b> (Location/Source)	Redevelopment Project 586-588 Myrtle Avenue Brooklyn, NY 11205		<input type="checkbox"/> Grid Location			
[Street Address]	Block #1910 Lot #23		Physical Description of Material:			
[City, ST ZIP Code]						
<b>ADDITIONAL INFORMATION</b>						
<b>Description</b>		<b>Cubic Yard Volume</b>	<b>Gross Vehicle Weight</b>	<b>Scale Ticket</b>		
One Truck Load		16 cubic yards		Y    N		
<b>Grand Total</b>						
<p>Secaucus Brownfields Redevelopment, LLC (SBR) reserves the right to reject any material delivered to the Malanka Facility, in its sole and absolute discretion. If any material is rejected after it has been removed from the delivery truck, it shall be removed from the site within (48) hours at the sole cost and expense of the Customer. By signing this Bill of Lading, Customer and Generator confirm that the material being delivered has been approved by the Third Party Engineer and agrees to remove any fill material delivered that is rejected by SBR, at Customer's sole and exclusive cost and expense. If material is being delivered to the Malanka Facility based on volume, then the volume of each truck shall be agreed to by the Customer, Generator, and SBR. If Material is being delivered to the Malanka Facility on a weight basis, then each load shall be accompanied with a scaled weight ticket, inclusive of a tare weight for the vehicle delivering the material. No material can be delivered to Malanka unless accompanied by a Bill of Lading. Furthermore, no material may be off loaded at Malanka unless an authorized representative of SBR signs this Bill of Lading as noted below.</p>						
<p><b>Note: Only fill material that has been reviewed and approved by the designated Third Party Engineer will be accepted at the Malanka Landfill Facility. The material must be sampled in accordance with the NJDEP approved Materials Acceptance Protocol for Malanka Landfill.</b></p>						
<b>Transporter's Certification</b>			<b>Customer's Certification</b>			
<p>The Transporter named herein hereby certifies that the material being delivered as represented on this Bill of Lading is the material that has been picked up from the Generator's site as listed on this Bill of Lading and that no additional material was added to this shipment.</p> <p>Drivers Name: <u>Todd</u></p> <p>Driver's Signature: <u>[Signature]</u> Date: <u>8/16/13</u></p>			<p>The Customer hereby certifies that the material being delivered as represented on this Bill of Lading is the material that has been approved by the Third Party Engineer in accordance with the Materials Acceptance Protocol and Customer agrees to pay Secaucus Brownfields Redevelopment, LLC (SBR) for the acceptance of this material in accordance with the terms and conditions of the Agreement between the parties. Failure to pay SBR for the material shall be deemed illegal dumping and the appropriate authorities will be notified.</p> <p>Customer's Name: _____</p> <p>Customer's Signature: _____ Date: _____</p>			
<b>Generator's Authorized Representative</b>			<b>Facility Acceptance: Secaucus Brownfield Redevelopment, LLC</b>			
<p>This is to certify that the above named materials are properly classified, and being shipped to the Malanka Landfill in accordance with the approval received from the Third Party Engineer and I am authorized to sign this Bill of Lading on behalf of Generator.</p> <p>Name: _____</p> <p>Title: _____</p> <p>Signature: <u>Simon</u> Date: <u>8/16-13</u></p>			<p>Secaucus Brownfields Redevelopment, LLC agrees to accept the material manifested herein in accordance with the NJDEP approved Materials Acceptance Protocol, upon receipt of full payment for acceptance of material. If payment is not received, SBR does not accept the material and it shall be considered illegally dumped at the Malanka Landfill Facility by the Generator and Customer and said action shall be reported to the appropriate authorities.</p> <p>Name: <u>Nicolo Varano</u></p> <p>Signature: <u>[Signature]</u> Date: <u>8-16-13</u></p>			

13452

Truck Name & Number Mendez #62  
Weighed by [Signature] 8-16-13

45000 LB SR  
20000 LB TR  
15000 LB BT  
08-16-13 08:45:15 2013

35741

Driver Signature [Signature]

Certified Weight By: DT Allen Materials, LLC  
11 Birch Street • Midland Park, NJ 07432  
201-689-9509

**SECAUCUS BROWNFIELDS REDEVELOPMENT, LLC  
BILL OF LADING**

Number 35741

<b>GENERATOR NAME AND ADDRESS</b>		Third Party Review Engineer: <b>Galli Engineering, P.C.</b>				
[Name]	586 Myrtle LLC 34 Rodney Street Brooklyn, NY 11248 Tel.No. 845-721-7874	DATE OF MATERIAL APPROVAL:		April 23, 2013		
[Street Address]		MATERIAL APPROVAL #:		Approval 152		
[City, ST ZIP Code]						
SID No.:						
<b>MATERIAL BEING SHIPPED TO</b>			<b>TRANSPORTER'S INFORMATION</b>			
Secaucus Brownfields Redevelopment (SBR), LLC Malanka Landfill Facility Entrance on West Side Avenue (Jersey City) Secaucus, New Jersey Tel. (201) 689-9509 Fax (201) 689-0593  NJEMS PI #: _____  NJDEP Facility ID #: 132247			Trucking Company Name		<i>MENDEZ TRUCKING</i>	
			Name and Number on Truck		<i>MENDEZ # 62</i>	
			Vehicle Plate No:		<i>AP865 P NJ</i>	
			USDOT #			
			Type of Delivery Vehicle: <i>Please check one</i>		Tri-Axel Dump <input checked="" type="checkbox"/> Tandem Dump <input type="checkbox"/> Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>	
<b>CUSTOMER NAME</b>			<b>MATERIAL</b>			
[Name]	Soil Safe Solutions 2545 Hempstead Turnpike-Suite 201 East Meadow, NY 11554		Clean Fill <input type="checkbox"/> Recycled Masonry <input type="checkbox"/> Processed Dredge Material (PDM) <input type="checkbox"/>			
[Street Address]			Kaofin <input type="checkbox"/> Fill from recycling facilities <input type="checkbox"/> Construction Fill <input type="checkbox"/>			
[City, ST ZIP Code]			Other (Description): _____			
Origin of Fill Material: (Location/Source)	REDEVELOPMENT PROJECT 586-588 Myrtle Avenue Brooklyn, NY 11205		<input type="checkbox"/> Grid Location			
[Street Address]	Block #1910 Lot #23		Physical Description of Material:			
[City, ST ZIP Code]						
<b>ADDITIONAL INFORMATION</b>						
<b>Description</b>	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket		<b>Additional Information</b>	
One Truck Load	16 cubic yards		Y    N			
<b>Grand Total</b>						
<p>Secaucus Brownfields Redevelopment, LLC (SBR) reserves the right to reject any material delivered to the Malanka Facility, in it's sole and absolute discretion. If any material is rejected after it has been removed from the delivery truck, it shall be removed from the site within (48) hours at the sole cost and expense of the Customer. By signing this Bill of Lading, Customer and Generator confirm that the material being delivered has been approved by the Third Party Engineer and agrees to remove any fill material delivered that is rejected by SBR, at Customer's sole and exclusive cost and expense. If material is being delivered to the Malanka Facility based on volume, then the volume of each truck shall be agreed to by the Customer, Generator, and SBR. If Material is being delivered to the Malanka Facility on a weight basis, then each load shall be accompanied with a scaled weight ticket, inclusive of a tare weight for the vehicle delivering the material. No material can be delivered to Malanka unless accompanied by a Bill of Lading. Furthermore, no material may be off loaded at Malanka unless an authorized representative of SBR signs this Bill of Lading as noted below.</p>						
<p><b>Note: Only fill material that has been reviewed and approved by the designated Third Party Engineer will be accepted at the Malanka Landfill Facility. The material must be sampled in accordance with the NJDEP approved Materials Acceptance Protocol for Malanka Landfill.</b></p>						
<b>Transporter's Certification</b>			<b>Customer's Certification</b>			
<p>The Transporter named herein hereby certifies that the material being delivered as represented on this Bill of Lading is the material that has been picked up from the Generator's site as listed on this Bill of Lading and that no additional material was added to this shipment.</p> <p>Drivers Name: <i>DIDIER TABORDA</i></p> <p>Driver's Signature: <i>[Signature]</i> Date: <i>8-16-13</i></p>			<p>The Customer hereby certifies that the material being delivered as represented on this Bill of Lading is the material that has been approved by the Third Party Engineer in accordance with the Materials Acceptance Protocol and Customer agrees to pay Secaucus Brownfields Redevelopment, LLC (SBR) for the acceptance of this material in accordance with the terms and conditions of the Agreement between the parties. Failure to pay SBR for the material shall be deemed illegal dumping and the appropriate authorities will be notified.</p> <p>Customer's Name: _____</p> <p>Customer's Signature: _____ Date: _____</p>			
<b>Generator's Authorized Representative</b>			<b>Facility Acceptance: Secaucus Brownfield Redevelopment, LLC</b>			
<p>This is to certify that the above named materials are properly classified, and being shipped to the Malanka Landfill in accordance with the approval received from the Third Party Engineer and I am authorized to sign this Bill of Lading on behalf of Generator.</p> <p>Name: _____</p> <p>Title: _____</p> <p>Signature: <i>Simon</i> Date: _____</p>			<p>Secaucus Brownfields Redevelopment, LLC agrees to accept the material manifested herein in accordance with the NJDEP approved Materials Acceptance Protocol, upon receipt of full payment for acceptance of material. If payment is not received, SBR does not accept the material and it shall be considered illegally dumped at the Malanka Landfill Facility by the Generator and Customer and said action shall be reported to the appropriate authorities.</p> <p>Name: <i>Nicole Varano</i></p> <p>Signature: <i>[Signature]</i> Date: <i>8-16-13</i></p>			

Truck Name & Number Mendez # 91 13445  
Weighed by [Signature] 8-16-13

GT250 16 66  
EP250 16 75  
R250 16 84  
DT 25 000 90E 16 2013

35740

Driver Signature [Signature: Luis Tello]

Certified Weight By: DT Allen Materials, LLC  
11 Birch Street • Midland Park, NJ 07432  
201-689-9509

**SECAUCUS BROWNFIELDS REDEVELOPMENT, LLC  
BILL OF LADING**

Number 35740

<b>GENERATOR NAME AND ADDRESS</b>		<b>Third Party Review Engineer: Galli Engineering, P.C.</b>		
[Name]	586 Myrtle LLC 34 Rodney Street Brooklyn, NY 11249 Tel.No. 845-721-7874	DATE OF MATERIAL APPROVAL:	April 23, 2013	
[Street Address]		MATERIAL APPROVAL #:	Approval 152	
[City, ST ZIP Code]				
SID No.:				
<b>MATERIAL BEING SHIPPED TO</b>		<b>TRANSPORTER'S INFORMATION</b>		
Secaucus Brownfields Redevelopment (SBR), LLC Malanka Landfill Facility Entrance on West Side Avenue (Jersey City) Secaucus, New Jersey Tel. (201) 689-9509 Fax (201) 689-0593  NJEMS PI #: _____  NJDEP Facility ID #: 132247		Trucking Company Name	MENDEZ	
		Name and Number on Truck	MENDEZ #91	
		Vehicle Plate No:	AN 556Y 1	
		USDOT #		
		Type of Delivery Vehicle: <i>Please check one</i>	Tri-Axle Dump <input checked="" type="checkbox"/> Tandem Dump <input type="checkbox"/> Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>	
<b>CUSTOMER NAME</b>		<b>MATERIAL</b>		
[Name]	Soil Safe Solutions 2545 Hempstead Turnpike-Suite 201 East Meadow, NY 11554	Clean Fill <input type="checkbox"/> Recycled Masonry <input type="checkbox"/> Processed Dredge Material (PDM) <input type="checkbox"/>		
[Street Address]		Kaofin <input type="checkbox"/> Fill from recycling facilities <input type="checkbox"/> Construction Fill <input type="checkbox"/>		
[City, ST ZIP Code]		<input type="checkbox"/> Other (Description):		
Origin of Fill Material: (Location/Source)	Redevelopment Project 586-588 Myrtle Avenue Brooklyn, NY 11205	<input type="checkbox"/> Grid Location		
[Street Address]	Block #1910 Lot #23	Physical Description of Material:		
[City, ST ZIP Code]				
<b>ADDITIONAL INFORMATION</b>				
<b>Description</b>	Cubic Yard Volume	Gross Vehicle Weight	<b>Scale Ticket</b> <b>Additional Information</b>	
One Truck Load	16 cubic yards		Y    N	
<b>Grand Total</b>				
<p>Secaucus Brownfields Redevelopment, LLC (SBR) reserves the right to reject any material delivered to the Malanka Facility, in its sole and absolute discretion. If any material is rejected after it has been removed from the delivery truck, it shall be removed from the site within (48) hours at the sole cost and expense of the Customer. By signing this Bill of Lading, Customer and Generator confirm that the material being delivered has been approved by the Third Party Engineer and agrees to remove any fill material delivered that is rejected by SBR, at Customer's sole and exclusive cost and expense. If material is being delivered to the Malanka Facility based on volume, then the volume of each truck shall be agreed to by the Customer, Generator, and SBR. If Material is being delivered to the Malanka Facility on a weight basis, then each load shall be accompanied with a scaled weight ticket, inclusive of a tare weight for the vehicle delivering the material. No material can be delivered to Malanka unless accompanied by a Bill of Lading. Furthermore, no material may be off loaded at Malanka unless an authorized representative of SBR signs this Bill of Lading as noted below.</p>				
<p><b>Note: Only fill material that has been reviewed and approved by the designated Third Party Engineer will be accepted at the Malanka Landfill Facility. The material must be sampled in accordance with the NJDEP approved Materials Acceptance Protocol for Malanka Landfill.</b></p>				
<b>Transporter's Certification</b>		<b>Customer's Certification</b>		
<p>The Transporter named herein hereby certifies that the material being delivered as represented on this Bill of Lading is the material that has been picked up from the Generator's site as listed on this Bill of Lading and that no additional material was added to this shipment.</p> <p>Drivers Name: <u>Luis Tello</u></p> <p>Driver's Signature: <u>Luis</u>    Date: <u>8/16/13</u></p>		<p>The Customer hereby certifies that the material being delivered as represented on this Bill of Lading is the material that has been approved by the Third Party Engineer in accordance with the Materials Acceptance Protocol and Customer agrees to pay Secaucus Brownfields Redevelopment, LLC (SBR) for the acceptance of this material in accordance with the terms and conditions of the Agreement between the parties. Failure to pay SBR for the material shall be deemed illegal dumping and the appropriate authorities will be notified.</p> <p>Customer's Name: _____</p> <p>Customer's Signature: _____    Date: _____</p>		
<b>Generator's Authorized Representative</b>		<b>Facility Acceptance: Secaucus Brownfield Redevelopment, LLC</b>		
<p>This is to certify that the above named materials are properly classified, and being shipped to the Malanka Landfill in accordance with the approval received from the Third Party Engineer and I am authorized to sign this Bill of Lading on behalf of Generator.</p> <p>Name: _____</p> <p>Title: _____</p> <p>Signature: <u>Simon</u>    Date: _____</p>		<p>Secaucus Brownfields Redevelopment, LLC agrees to accept the material manifested herein in accordance with the NJDEP approved Materials Acceptance Protocol, upon receipt of full payment for acceptance of material. If payment is not received, SBR does not accept the material and it shall be considered illegally dumped at the Malanka Landfill Facility by the Generator and Customer and said action shall be reported to the appropriate authorities.</p> <p>Name: <u>Nicole Varano</u></p> <p>Signature: <u>Nicole Varano</u>    Date: <u>8-16-13</u></p>		

Truck Name & Number Mendez #101 13464  
Weighed by [Signature] 8-16-13

90400 12 08  
01700 16 08  
01600 16 08  
0141 08 08 14 2013

35769

Driver Signature [Signature]

Certified Weight By: DT Allen Materials, LLC  
11 Birch Street • Midland Park, NJ 07432  
201-689-9509

**SECAUCUS BROWNFIELDS REDEVELOPMENT, LLC  
BILL OF LADING**

Number 35769

<b>GENERATOR NAME AND ADDRESS</b>		<b>Third Party Review Engineer: Galli Engineering, P.C.</b>				
[Name]	586 Myrtle LLC 34 Rodney Street Brooklyn, NY 11249 Tel.No. 845-721-7874	DATE OF MATERIAL APPROVAL:		April 23, 2013		
[Street Address]		MATERIAL APPROVAL #:		Approval 152		
[City, ST ZIP Code]						
SID No.:						
<b>MATERIAL BEING SHIPPED TO</b>			<b>TRANSPORTER'S INFORMATION</b>			
Secaucus Brownfields Redevelopment (SBR), LLC Malanka Landfill Facility Entrance on West Side Avenue (Jersey City) Secaucus, New Jersey Tel. (201) 689-9509 Fax (201) 689-0593  NJEMS PI #: _____  NJDEP Facility ID #: 132247			Trucking Company Name		Mendez	
			Name and Number on Truck		E. Mendez 101	
			Vehicle Plate No:		AP 639K	
			USDOT #		1425026	
			Type of Delivery Vehicle: <i>Please check one</i>		Tri-Axel Dump <input type="checkbox"/> Tandem Dump <input type="checkbox"/> Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>	
<b>CUSTOMER NAME</b>			<b>MATERIAL</b>			
[Name]	Soil Safe Solutions 2545 Hempstead Turnpike-Suite 201 East Meadow, NY 11554		Clean Fill <input type="checkbox"/> Recycled Masonry <input type="checkbox"/> Processed Dredge Material (PDM) <input type="checkbox"/> Kaofin <input type="checkbox"/> Fill from recycling facilities <input type="checkbox"/> Construction Fill <input type="checkbox"/> <input type="checkbox"/> Other (Description): _____  <input type="checkbox"/> Grid Location _____  Physical Description of Material: _____			
[Street Address]						
[City, ST ZIP Code]						
Origin of Fill Material: (Location/Source)						
[Street Address]	Redevelopment Project 586-588 Myrtle Avenue Brooklyn, NY 11205 Block #1910 Lot #23					
[City, ST ZIP Code]						
<b>ADDITIONAL INFORMATION</b>						
Description		Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information	
One Truck Load		16 cubic yards		Y    N		
<b>Grand Total</b>						
Secaucus Brownfields Redevelopment, LLC (SBR) reserves the right to reject any material delivered to the Malanka Facility, in it's sole and absolute discretion. If any material is rejected after it has been removed from the delivery truck, it shall be removed from the site within (48) hours at the sole cost and expense of the Customer. By signing this Bill of Lading, Customer and Generator confirm that the material being delivered has been approved by the Third Party Engineer and agrees to remove any fill material delivered that is rejected by SBR, at Customer's sole and exclusive cost and expense. If material is being delivered to the Malanka Facility based on volume, then the volume of each truck shall be agreed to by the Customer, Generator, and SBR. If Material is being delivered to the Malanka Facility on a weight basis, then each load shall be accompanied with a scaled weight ticket, inclusive of a tare weight for the vehicle delivering the material. No material can be delivered to Malanka unless accompanied by a Bill of Lading. Furthermore, no material may be off loaded at Malanka unless an authorized representative of SBR signs this Bill of Lading as noted below.						
<b>Note: Only fill material that has been reviewed and approved by the designated Third Party Engineer will be accepted at the Malanka Landfill Facility. The material must be sampled in accordance with the NJDEP approved Materials Acceptance Protocol for Malanka Landfill.</b>						
<b>Transporter's Certification</b>			<b>Customer's Certification</b>			
The Transporter named herein hereby certifies that the material being delivered as represented on this Bill of Lading is the material that has been picked up from the Generator's site as listed on this Bill of Lading and that no additional material was added to this shipment.  Drivers Name: _____ Driver's Signature: _____ Date: 8-16-13			The Customer hereby certifies that the material being delivered as represented on this Bill of Lading is the material that has been approved by the Third Party Engineer in accordance with the Materials Acceptance Protocol and Customer agrees to pay Secaucus Brownfields Redevelopment, LLC (SBR) for the acceptance of this material in accordance with the terms and conditions of the Agreement between the parties. Failure to pay SBR for the material shall be deemed illegal dumping and the appropriate authorities will be notified.  Customer's Name: _____ Customer's Signature: _____ Date: _____			
<b>Generator's Authorized Representative</b>			<b>Facility Acceptance: Secaucus Brownfield Redevelopment, LLC</b>			
This is to certify that the above named materials are properly classified, and being shipped to the Malanka Landfill in accordance with the approval received from the Third Party Engineer and I am authorized to sign this Bill of Lading on behalf of Generator.  Name: _____  Title: _____ Signature: SIMON Date: _____			Secaucus Brownfields Redevelopment, LLC agrees to accept the material manifested herein in accordance with the NJDEP approved Materials Acceptance Protocol, upon receipt of full payment for acceptance of material. If payment is not received, SBR does not accept the material and it shall be considered illegally dumped at the Malanka Landfill Facility by the Generator and Customer and said action shall be reported to the appropriate authorities.  Name: Nicole Varano Signature: _____ Date: 8-16-13			

13477

Truck Name & Number Mendez #288  
Weighed by [Signature] 8-16-13

00400 15 03  
00500 15 03  
00600 15 03  
00700 15 03

35768

Driver Signature [Signature]  
Certified Weight By: DT Allen Materials, LLC  
11 Birch Street • Midland Park, NJ 07432  
201-689-9509

**SECAUCUS BROWNFIELDS REDEVELOPMENT, LLC  
BILL OF LADING**

Number 35768

<b>GENERATOR NAME AND ADDRESS</b>		<b>Third Party Review Engineer: Galli Engineering, P.C.</b>				
[Name]	586 Myrtle LLC 34 Rodney Street Brooklyn, NY 11249 Tel.No. 845-721-7874	DATE OF MATERIAL APPROVAL:		April 23, 2013		
[Street Address]		MATERIAL APPROVAL #:		Approval 152		
[City, ST ZIP Code]						
SID No.:						
<b>MATERIAL BEING SHIPPED TO</b>			<b>TRANSPORTER'S INFORMATION</b>			
Secaucus Brownfields Redevelopment (SBR), LLC Malanka Landfill Facility Entrance on West Side Avenue (Jersey City) Secaucus, New Jersey Tel. (201) 689-9509 Fax (201) 689-0593  NJEMS PI #: _____  NJDEP Facility ID #: 132247			Trucking Company Name		<u>Marcos</u>	
			Name and Number on Truck		<u>288</u>	
			Vehicle Plate No:		<u>AN 370M</u>	
			USDOT #		<u>1445326</u>	
			Type of Delivery Vehicle: <i>Please check one</i>		Tri-Axel Dump <input type="checkbox"/> Tandem Dump <input type="checkbox"/> Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>	
<b>CUSTOMER NAME</b>			<b>MATERIAL</b>			
[Name]	Soil Safe Solutions 2545 Hempstead Turnpike-Suite 201 East Meadow, NY 11554		Clean Fill <input type="checkbox"/> Recycled Masonry <input type="checkbox"/> Processed Dredge Material (PDM) 201 Kaofin <input type="checkbox"/> Fill from recycling facilities <input type="checkbox"/> Construction Fill <input type="checkbox"/> Other (Description):			
[Street Address]	Redevelopment Project 585-588 Myrtle Avenue Brooklyn, NY 11205 Block #1910 Lot #23		<input type="checkbox"/> Grid Location  Physical Description of Material:			
[City, ST ZIP Code]						
Origin of Fill Material: (Location/Source)						
[Street Address]						
[City, ST ZIP Code]						
<b>ADDITIONAL INFORMATION</b>						
<b>Description</b>	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket		<b>Additional Information</b>	
One Truck Load	16 cubic yards		Y    N			
<b>Grand Total</b>						
Secaucus Brownfields Redevelopment, LLC (SBR) reserves the right to reject any material delivered to the Malanka Facility, in its sole and absolute discretion. If any material is rejected after it has been removed from the delivery truck, it shall be removed from the site within (48) hours at the sole cost and expense of the Customer. By signing this Bill of Lading, Customer and Generator confirm that the material being delivered has been approved by the Third Party Engineer and agrees to remove any fill material delivered that is rejected by SBR, at Customer's sole and exclusive cost and expense. If material is being delivered to the Malanka Facility based on volume, then the volume of each truck shall be agreed to by the Customer, Generator, and SBR. If Material is being delivered to the Malanka Facility on a weight basis, then each load shall be accompanied with a scaled weight ticket, inclusive of a tare weight for the vehicle delivering the material. No material can be delivered to Malanka unless accompanied by a Bill of Lading. Furthermore, no material may be off loaded at Malanka unless an authorized representative of SBR signs this Bill of Lading as noted below.						
<b>Note: Only fill material that has been reviewed and approved by the designated Third Party Engineer will be accepted at the Malanka Landfill Facility. The material must be sampled in accordance with the NJDEP approved Materials Acceptance Protocol for Malanka Landfill.</b>						
<b>Transporter's Certification</b>			<b>Customer's Certification</b>			
The Transporter named herein hereby certifies that the material being delivered as represented on this Bill of Lading is the material that has been picked up from the Generator's site as listed on this Bill of Lading and that no additional material was added to this shipment.  Drivers Name: <u>Joungp 9017010</u> Driver's Signature: <u>[Signature]</u> Date: <u>8-16</u>			The Customer hereby certifies that the material being delivered as represented on this Bill of Lading is the material that has been approved by the Third Party Engineer in accordance with the Materials Acceptance Protocol and Customer agrees to pay Secaucus Brownfields Redevelopment, LLC (SBR) for the acceptance of this material in accordance with the terms and conditions of the Agreement between the parties. Failure to pay SBR for the material shall be deemed illegal dumping and the appropriate authorities will be notified.  Customer's Name: _____ Customer's Signature: _____ Date: _____			
<b>Generator's Authorized Representative</b>			<b>Facility Acceptance: Secaucus Brownfield Redevelopment, LLC</b>			
This is to certify that the above named materials are properly classified, and being shipped to the Malanka Landfill in accordance with the approval received from the Third Party Engineer and I am authorized to sign this Bill of Lading on behalf of Generator.  Name: _____ Title: _____ Signature: <u>Simon</u> Date: _____			Secaucus Brownfields Redevelopment, LLC agrees to accept the material manifested herein in accordance with the NJDEP approved Materials Acceptance Protocol, upon receipt of full payment for acceptance of material. If payment is not received, SBR does not accept the material and it shall be considered illegally dumped at the Malanka Landfill Facility by the Generator and Customer and said action shall be reported to the appropriate authorities.  Name: <u>Nicole Varano</u> Signature: <u>[Signature]</u> Date: <u>8-16-13</u>			

13490

Truck Name & Number Rendez #420

Weighed by [Signature] 8-16-13

25000 15 GR  
25000 15 TR  
25000 15 WT  
25000 40 205 15 2017

35742

Driver Signature [Signature]

Certified Weight By: DT Allen Materials, LLC  
11 Birch Street • Midland Park, NJ 07432  
201-689-9509

**SECAUCUS BROWNFIELDS REDEVELOPMENT, LLC  
BILL OF LADING**

Number 35742

GENERATOR NAME AND ADDRESS		Third Party Review Engineer: Galli Engineering, P.C.		
[Name]	586 Myrtle LLC 34 Rodney Street Brooklyn, NY 11249 Tel.No. 845-721-7674	DATE OF MATERIAL APPROVAL:	April 23, 2013	
[Street Address]		MATERIAL APPROVAL #:	Approval 152	
[City, ST ZIP Code]				
SID No.:				
MATERIAL BEING SHIPPED TO		TRANSPORTER'S INFORMATION		
Secaucus Brownfields Redevelopment (SBR), LLC Malanka Landfill Facility Entrance on West Side Avenue (Jersey City) Secaucus, New Jersey Tel. (201) 689-9509 Fax (201) 689-0593  NJEMS PI #: _____  NJDEP Facility ID #: 132247		Trucking Company Name	<i>Mendez</i>	
		Name and Number on Truck	<i>420</i>	
		Vehicle Plate No:	<i>AK 185V</i>	
		USDOT #	<i>01445326</i>	
		Type of Delivery Vehicle: <i>Please check one</i>	Tri-Axel Dump <input type="checkbox"/> Tandem Dump <input type="checkbox"/> Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>	
CUSTOMER NAME		MATERIAL		
[Name]	Soil Safe Solutions 2545 Hempstead Turnpike-Suite 201 East Meadow, NY 11554	Clean Fill <input type="checkbox"/> Recycled Masonry <input type="checkbox"/> Processed Dredge Material (PDM) <input type="checkbox"/> Kaofin <input type="checkbox"/> Fill from recycling facilities <input type="checkbox"/> Construction Fill <input type="checkbox"/> <input type="checkbox"/> Other (Description):		
[Street Address]		<input type="checkbox"/> Grid Location  Physical Description of Material:		
[City, ST ZIP Code]				
Origin of Fill Material: (Location/Source)				
[Street Address]	Redevelopment Project 586-588 Myrtle Avenue Brooklyn, NY 11205 Block #1910 Lot #23			
[City, ST ZIP Code]				
ADDITIONAL INFORMATION				
Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	
One Truck Load	16 cubic yards		Y    N	
<b>Grand Total</b>				
Secaucus Brownfields Redevelopment, LLC (SBR) reserves the right to reject any material delivered to the Malanka Facility, in it's sole and absolute discretion. If any material is rejected after it has been removed from the delivery truck, it shall be removed from the site within (48) hours at the sole cost and expense of the Customer. By signing this Bill of Lading, Customer and Generator confirm that the material being delivered has been approved by the Third Party Engineer and agrees to remove any fill material delivered that is rejected by SBR, at Customer's sole and exclusive cost and expense. If material is being delivered to the Malanka Facility based on volume, then the volume of each truck shall be agreed to by the Customer, Generator, and SBR. If Material is being delivered to the Malanka Facility on a weight basis, then each load shall be accompanied with a scaled weight ticket, inclusive of a tare weight for the vehicle delivering the material. No material can be delivered to Malanka unless accompanied by a Bill of Lading. Furthermore, no material may be off loaded at Malanka unless an authorized representative of SBR signs this Bill of Lading as noted below.				
Note: Only fill material that has been reviewed and approved by the designated Third Party Engineer will be accepted at the Malanka Landfill Facility. The material must be sampled in accordance with the NJDEP approved Materials Acceptance Protocol for Malanka Landfill.				
<b>Transporter's Certification</b>  The Transporter named herein hereby certifies that the material being delivered as represented on this Bill of Lading is the material that has been picked up from the Generator's site as listed on this Bill of Lading and that no additional material was added to this shipment.  Drivers Name: <u><i>Jorge Acevedo</i></u> Driver's Signature: <u><i>[Signature]</i></u> Date: <u><i>8-16-13</i></u>		<b>Customer's Certification</b>  The Customer hereby certifies that the material being delivered as represented on this Bill of Lading is the material that has been approved by the Third Party Engineer in accordance with the Materials Acceptance Protocol and Customer agrees to pay Secaucus Brownfields Redevelopment, LLC (SBR) for the acceptance of this material in accordance with the terms and conditions of the Agreement between the parties. Failure to pay SBR for the material shall be deemed illegal dumping and the appropriate authorities will be notified.  Customer's Name: _____ Customer's Signature: _____ Date: _____		
<b>Generator's Authorized Representative</b>  This is to certify that the above named materials are properly classified, and being shipped to the Malanka Landfill in accordance with the approval received from the Third Party Engineer and I am authorized to sign this Bill of Lading on behalf of Generator.  Name: _____ Title: _____ Signature: <u><i>Simon</i></u> Date: _____		<b>Facility Acceptance: Secaucus Brownfield Redevelopment, LLC</b>  Secaucus Brownfields Redevelopment, LLC agrees to accept the material manifested herein in accordance with the NJDEP approved Materials Acceptance Protocol, upon receipt of full payment for acceptance of material. If payment is not received, SBR does not accept the material and it shall be considered illegally dumped at the Malanka Landfill Facility by the Generator and Customer and said action shall be reported to the appropriate authorities.  Name: <u><i>Nicole Varano</i></u> Signature: <u><i>[Signature]</i></u> Date: <u><i>8-16-13</i></u>		



19604

Truck Name & Number

Mendez # 288

Weighed by

*[Signature]*

85900 1b GR  
30580 1b TR  
55320 1b NI  
11:44 AM OCT 28 2013

35745

Driver Signature

*[Signature]*

Certified Weight By: DT Allen Materials, LLC  
11 Birch Street • Midland Park, NJ 07432

**SECAUCUS BROWNFIELDS REDEVELOPMENT, LLC  
BILL OF LADING**

Number **35745**

GENERATOR NAME AND ADDRESS		Third Party Review Engineer: Galli Engineering, P.C.			
[Name]	586 Myrtle LLC 34 Rodney Street Brooklyn, NY 11249 Tel.No. 845-721-7874	DATE OF MATERIAL APPROVAL:		April 23, 2013	
[Street Address]		MATERIAL APPROVAL #:		Approval 152	
[City, ST ZIP Code]					
SID No.:					
MATERIAL BEING SHIPPED TO		TRANSPORTER'S INFORMATION			
Secaucus Brownfields Redevelopment (SBR), LLC Malanka Landfill Facility Entrance on West Side Avenue (Jersey City) Secaucus, New Jersey Tel. (201) 689-9509 Fax (201) 689-0593  NJEMS PI #: _____  NJDEP Facility ID #: 132247		Trucking Company Name	Mendez Trucking		
		Name and Number on Truck	# 288		
		Vehicle Plate No:	AN370M		
		USDOT #	01445326		
		Type of Delivery Vehicle: <i>Please check one</i>	<input type="checkbox"/> Tri-Axel Dump <input type="checkbox"/> Tandem Dump <input type="checkbox"/> Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>		
CUSTOMER NAME		MATERIAL			
[Name]	Soil Safe Solutions 2545 Hempstead Turnpike-Suite 201 East Meadow, NY 11554	<input type="checkbox"/> Clean Fill <input type="checkbox"/> Recycled Masonry <input type="checkbox"/> Processed Dredge Material (PDM) <input type="checkbox"/> Kaofin <input type="checkbox"/> Fill from recycling facilities <input type="checkbox"/> Construction Fill <input type="checkbox"/> Other (Description): _____			
[Street Address]		<input type="checkbox"/> Grid Location  Physical Description of Material: _____			
[City, ST ZIP Code]					
Origin of Fill Material: (Location/Source)					
[Street Address]	redevelopment project 586-588 Myrtle Avenue Brooklyn, NY 11205 Block #1910 Lot #23				
[City, ST ZIP Code]					
ADDITIONAL INFORMATION					
Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket		Additional Information
One Truck Load	16 cubic yards		Y	N	
<b>Grand Total</b>					
Secaucus Brownfields Redevelopment, LLC (SBR) reserves the right to reject any material delivered to the Malanka Facility, in it's sole and absolute discretion. If any material is rejected after it has been removed from the delivery truck, it shall be removed from the site within (48) hours at the sole cost and expense of the Customer. By signing this Bill of Lading, Customer and Generator confirm that the material being delivered has been approved by the Third Party Engineer and agrees to remove any fill material delivered that is rejected by SBR, at Customer's sole and exclusive cost and expense. If material is being delivered to the Malanka Facility based on volume, then the volume of each truck shall be agreed to by the Customer, Generator, and SBR. If Material is being delivered to the Malanka Facility on a weight basis, then each load shall be accompanied with a scaled weight ticket, inclusive of a tare weight for the vehicle delivering the material. No material can be delivered to Malanka unless accompanied by a Bill of Lading. Furthermore, no material may be off loaded at Malanka unless an authorized representative of SBR signs this Bill of Lading as noted below.					
<b>Note: Only fill material that has been reviewed and approved by the designated Third Party Engineer will be accepted at the Malanka Landfill Facility. The material must be sampled in accordance with the NJDEP approved Materials Acceptance Protocol for Malanka Landfill.</b>					
<b>Transporter's Certification</b>  The Transporter named herein hereby certifies that the material being delivered as represented on this Bill of Lading is the material that has been picked up from the Generator's site as listed on this Bill of Lading and that no additional material was added to this shipment.  Drivers Name: <u>Berto Alvarez</u> Driver's Signature: <u>[Signature]</u> Date: <u>10/28/13</u>			<b>Customer's Certification</b>  The Customer hereby certifies that the material being delivered as represented on this Bill of Lading is the material that has been approved by the Third Party Engineer in accordance with the Materials Acceptance Protocol and Customer agrees to pay Secaucus Brownfields Redevelopment, LLC (SBR) for the acceptance of this material in accordance with the terms and conditions of the Agreement between the parties. Failure to pay SBR for the material shall be deemed illegal dumping and the appropriate authorities will be notified.  Customer's Name: _____ Customer's Signature: _____ Date: _____		
<b>Generator's Authorized Representative</b>  This is to certify that the above named materials are properly classified, and being shipped to the Malanka Landfill in accordance with the approval received from the Third Party Engineer and I am authorized to sign this Bill of Lading on behalf of Generator.  Name: <u>GUSTAVO YUNGA</u>  Title: _____ Signature: <u>[Signature]</u> Date: <u>10/28/13</u>			<b>Facility Acceptance:</b> Secaucus Brownfield Redevelopment, LLC  Secaucus Brownfields Redevelopment, LLC agrees to accept the material manifested herein in accordance with the NJDEP approved Materials Acceptance Protocol, upon receipt of full payment for acceptance of material. If payment is not received, SBR does not accept the material and it shall be considered illegally dumped at the Malanka Landfill Facility by the Generator and Customer and said action shall be reported to the appropriate authorities.  Name: <u>Vic Polo</u> Signature: <u>[Signature]</u> Date: <u>10-28-13</u>		

8

19553

# 288

Truck Name & Number

Mendez

Weighed by

*[Signature]*

83620 1b GR  
30380 1b TR  
53040 1b NT  
08:36 AM OCT 28 2013

35744

Driver Signature

*[Signature]*

Certified Weight By: DT Allen Materials, LLC  
11 Birch Street • Midland Park, NJ 07432

**SECAUCUS BROWNFIELDS REDEVELOPMENT, LLC  
BILL OF LADING**

Number 35744

<b>GENERATOR NAME AND ADDRESS</b>		<b>Third Party Review Engineer: Galli Engineering, P.C.</b>			
[Name]	586 Myrtle LLC 34 Rodney Street Brooklyn, NY 11249 Tel.No. 845-721-7874	DATE OF MATERIAL APPROVAL:		April 23, 2013	
[Street Address]		MATERIAL APPROVAL #:		Approval 152	
[City, ST ZIP Code]					
SID No.:					
<b>MATERIAL BEING SHIPPED TO</b>		<b>TRANSPORTER'S INFORMATION</b>			
Secaucus Brownfields Redevelopment (SBR), LLC Malanka Landfill Facility Entrance on West Side Avenue (Jersey City) Secaucus, New Jersey Tel. (201) 689-9509 Fax (201) 689-0593  NJEMS PI #: _____  NJDEP Facility ID #: 132247		Trucking Company Name		Mendez	
		Name and Number on Truck		#288	
		Vehicle Plate No:		AN 370M	
		USDOT #		01445326	
		Type of Delivery Vehicle: <i>Please check one</i>		Tri-Axel Dump <input type="checkbox"/> Tandem Dump <input type="checkbox"/> Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>	
<b>CUSTOMER NAME</b>		<b>MATERIAL</b>			
[Name]	Soil Safe Solutions 2545 Hempstead Turnpike-Suite 201 East Meadow, NY 11554  Redevelopment Project 586-588 Myrtle Avenue Brooklyn, NY 11205 Block #1910 Lot #23	Clean Fill <input type="checkbox"/> Recycled Masonry <input type="checkbox"/> Processed Dredge Material (PDM) <input type="checkbox"/>			
[Street Address]		Kaofin <input type="checkbox"/> Fill from recycling facilities <input type="checkbox"/> Construction Fill <input type="checkbox"/>			
[City, ST ZIP Code]		<input type="checkbox"/> Other (Description):			
Origin of Fill Material: (Location/Source)		<input type="checkbox"/> Grid Location			
[Street Address]		Physical Description of Material:			
[City, ST ZIP Code]					
<b>ADDITIONAL INFORMATION</b>					
<b>Description</b>	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket		<b>Additional Information</b>
One Truck Load	16 cubic yards		Y    N		
<b>Grand Total</b>					
<p>Secaucus Brownfields Redevelopment, LLC (SBR) reserves the right to reject any material delivered to the Malanka Facility, in it's sole and absolute discretion. If any material is rejected after it has been removed from the delivery truck, it shall be removed from the site within (48) hours at the sole cost and expense of the Customer. By signing this Bill of Lading, Customer and Generator confirm that the material being delivered has been approved by the Third Party Engineer and agrees to remove any fill material delivered that is rejected by SBR, at Customer's sole and exclusive cost and expense. If material is being delivered to the Malanka Facility based on volume, then the volume of each truck shall be agreed to by the Customer, Generator, and SBR. If material is being delivered to the Malanka Facility on a weight basis, then each load shall be accompanied with a scaled weight ticket, inclusive of a tare weight for the vehicle delivering the material. No material can be delivered to Malanka unless accompanied by a Bill of Lading. Furthermore, no material may be off loaded at Malanka unless an authorized representative of SBR signs this Bill of Lading as noted below.</p>					
<p><b>Note: Only fill material that has been reviewed and approved by the designated Third Party Engineer will be accepted at the Malanka Landfill Facility. The material must be sampled in accordance with the NJDEP approved Materials Acceptance Protocol for Malanka Landfill.</b></p>					
<b>Transporter's Certification</b>			<b>Customer's Certification</b>		
<p>The Transporter named herein hereby certifies that the material being delivered as represented on this Bill of Lading is the material that has been picked up from the Generator's site as listed on this Bill of Lading and that no additional material was added to this shipment.</p> <p>Drivers Name: <u>Bekso Alvarez</u></p> <p>Driver's Signature: <u>Bekso Alvarez</u> Date: <u>10/28/13</u></p>			<p>The Customer hereby certifies that the material being delivered as represented on this Bill of Lading is the material that has been approved by the Third Party Engineer in accordance with the Materials Acceptance Protocol and Customer agrees to pay Secaucus Brownfields Redevelopment, LLC (SBR) for the acceptance of this material in accordance with the terms and conditions of the Agreement between the parties. Failure to pay SBR for the material shall be deemed illegal dumping and the appropriate authorities will be notified.</p> <p>Customer's Name: _____</p> <p>Customer's Signature: _____ Date: _____</p>		
<b>Generator's Authorized Representative</b>			<b>Facility Acceptance: Secaucus Brownfield Redevelopment, LLC</b>		
<p>This is to certify that the above named materials are properly classified, and being shipped to the Malanka Landfill in accordance with the approval received from the Third Party Engineer and I am authorized to sign this Bill of Lading on behalf of Generator.</p> <p>Name: <u>Gustavo Yungu</u></p> <p>Title: _____</p> <p>Signature: <u>[Signature]</u> Date: _____</p>			<p>Secaucus Brownfields Redevelopment, LLC agrees to accept the material manifested herein in accordance with the NJDEP approved Materials Acceptance Protocol, upon receipt of full payment for acceptance of material. If payment is not received, SBR does not accept the material and it shall be considered illegally dumped at the Malanka Landfill Facility by the Generator and Customer and said action shall be reported to the appropriate authorities.</p> <p>Name: <u>[Signature]</u></p> <p>Signature: <u>[Signature]</u> Date: <u>10-28-13</u></p>		

**APPENDIX J**  
***Sustainability Report***

## APPENDIX J

# SUSTAINABILITY REPORT

This Remedial Action Work Plan provides for sustainable remediation and redevelopment through a variety of means that are defined in this Sustainability Report.

**Recontamination Control.** Recontamination after cleanup and redevelopment is completed undermines the value of work performed, may result in a property that is less protective of public health or the environment, and may necessitate additional cleanup work later that could impede future redevelopment. Recontamination can arise from future releases that occur within the property or by influx of existing contamination from off-Site.

As a part of construction, a 20-mil vapor barrier was installed to eliminate the risk of future migration of soil vapor contamination from off-Site. In addition, the entire Site is capped with concrete, which would prevent future on-Site spills from impacting sub-surface spills. The area of the Site that utilizes recontamination controls under this plan is 100% of the property, or 3,326 square feet.

**Paperless Brownfield Cleanup Program.** 586 Myrtle LLC participated in OER's Paperless Brownfield Cleanup Program. Under this program, submission of electronic documents replaced submission of hard copies for the review of project documents, communications and milestone reports. A best estimate of the mass (pounds) of paper saved under this plan is 25 lbs.

**Low-Energy Project Management Program.** 586 Myrtle LLC participated in OER's low-energy project management program. Under this program, whenever possible, meetings were held using remote communication technologies, such as videoconferencing and teleconferencing to reduce energy consumption and traffic congestion associated with personal transportation. A gross estimate of the number of miles of personal transportation that was conserved in this process is 300 miles.

**Trees and Plantings.** Trees and other plantings provide habitat and add to NYC's environmental quality in a wide variety of ways. Native plant species and native habitat provide optimal support

to local fauna, promote local biodiversity, and require less maintenance. The number of trees planted as part of this redevelopment is 5.