

**1309-1321 38TH STREET**

**BROOKLYN, NEW YORK**

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# **Remedial Action Report**

**NYC VCP Project Number 12CVCP048K**

**OER Project Number 12EH-A399K**

**Prepared For:**

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**JULY 2015**

# REMEDIAL ACTION REPORT

## TABLE OF CONTENTS

LIST OF ACRONYMS .....	6
CERTIFICATION .....	7
EXECUTIVE SUMMARY .....	8
REMEDIAL ACTION REPORT .....	16
1.0 SITE BACKGROUND.....	16
1.1 SITE LOCATION AND BACKGROUND.....	16
1.2 REDEVELOPMENT PLAN .....	16
1.3 DESCRIPTION OF SURROUNDING PROPERTY .....	17
1.4 SUMMARY OF PAST SITE USES AND AREAS OF CONCERN .....	17
1.5 SUMMARY OF WORK PERFORMED UNDER THE REMEDIAL INVESTIGATION..	18
1.6 SUMMARY OF FINDINGS OF REMEDIAL INVESTIGATION .....	19
2.0 DESCRIPTION OF REMEDIAL ACTIONS .....	21
3.0 COMPLIANCE WITH REMEDIAL ACTION WORK PLAN.....	25
3.1 HEALTH & SAFETY PLAN.....	25
3.2 COMMUNITY AIR MONITORING PLAN .....	25
3.3 SOIL/MATERIALS MANAGEMENT PLAN .....	25
3.4 STORM-WATER POLLUTION PREVENTION.....	25
3.5 DEVIATIONS FROM THE REMEDIAL ACTION WORK PLAN.....	26
4.0 REMEDIAL PROGRAM.....	29
4.1 PROJECT ORGANIZATION .....	29
4.2 SITE CONTROLS.....	29
4.3 MATERIALS EXCAVATION AND REMOVAL .....	30
4.4 MATERIALS DISPOSAL .....	31
4.5 BACKFILL IMPORT.....	32
4.6 DEMARCATION.....	33
5.0 ENGINEERING CONTROLS .....	34
6.0 INSTITUTIONAL CONTROLS .....	36
7.0 SITE MANAGEMENT PLAN.....	37
8.0 SUSTAINABILITY REPORT .....	56

## **FIGURES**

Figure 1: Site Location Map

Figure 2: Site Boundary Map

Figure 3: Development Plan

Figure 4: Map of excavation

Figure 5: Map of endpoint sampling locations

Figure 6: As-built design detail for Composite Cover and Vapor Barrier System

Figure 7: As-built design detail for SSD System

## **TABLES**

Table 1: Groundwater analytical results

Table 2: Summary of end-point analytical results

Table 3: List of SCOs

Table 4: Disposal quantities and disposal facilities

Table 5: Backfill quantities and sources

## **APPENDICES**

- Appendix 1: Remedial Investigation Report
- Appendix 2: Remedial Action Work Plan
- Appendix 3: Air Monitoring Logs
- Appendix 4: Daily and Monthly Reports to OER
- Appendix 5: Photographs of Remedial Action
- Appendix 6: UST Tank closure documentation
- Appendix 7: Disposal Facility Approval and Approval Letters
- Appendix 8: Shipping and Disposal Manifests
- Appendix 9: Disposal Characterization Sample Laboratory Testing Results
- Appendix 10: Letter from New York Sand and Stone
- Appendix 11: Letter from client certifying backfill quantity
- Appendix 12: Prospect Park NJ backfill import quantities
- Appendix 13: Vapor barrier installation affidavit, purchase receipts of vapor barrier and SSDS materials and SSDS manufacturer specifications
- Appendix 14: End-point sample analytical laboratory data
- Appendix 15: Various OER correspondences
- Appendix 16: Architect's development letter

## LIST OF ACRONYMS

Acronym	Definition
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, Shaik A. Saad, am currently a registered professional engineer licensed by the State of New York. I performed professional engineering services and had primary direct responsibility for implementation of the remedial program for the 1309-1321 38<sup>th</sup> Street site, site number 12CVCP048K. I certify to the following:

- I have reviewed this document, to which my signature and seal are affixed. Engineering Controls implemented during this remedial action were designed by me or a person under my direct supervision and achieve the goals established in the Remedial Action Work Plan for this site.
- The Engineering Controls constructed during this remedial action were professionally observed by me or by a person under my direct supervision and (1) are consistent with the Engineering Control design established in the Remedial action Work Plan and (2) are accurately reflected in the text and drawings for as-built design reported in this Remedial Action Report.
- The OER-approved Remedial Action Work Plan dated April 2012 and Stipulations in a letter dated were 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.

SHAIK A SAAD

Name

071078

PE License Number

[Signature]

Signature

7/16/15

Date



I, Mark E. Robbins, am a Qualified Environmental Professional. I had primary direct responsibility for implementation of the remedial program for the 1309-1321 38<sup>th</sup> Street site, site number 12CVCP048K. I certify to the following:

- The OER-approved Remedial Action Work Plan dated April 2012 and Stipulations in a letter dated were 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.

Mark E. Robbins

QEP Name

[Signature]

QEP Signature

7/16/15

Date

## **EXECUTIVE SUMMARY**

M & Y Developers has enrolled in the New York City Voluntary Cleanup Program (NYC VCP) to investigate and remediate a property located at 1309-1321 38<sup>th</sup> Street in the Kensington 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 Remedial Action Report (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.

### **Site Location and Background**

The Site is located at 1309-1321 38<sup>th</sup> Street in the Kensington section in Brooklyn, New York and is identified as Block 5300 and Lots 70, 72 and 74 on the New York City Tax Map. The Site is 21,000-square feet and is bounded by parking area to the north, 38<sup>th</sup> Street to the south, 1-story Jewish school to the east, and multi-story residential and commercial building to the west. The Site was most recently used as a parking lot and auto repair facility and contained two 1-story brick buildings, a metal shed and an open concrete paved truck parking area.

### **Summary of Redevelopment Plan**

The Site consists of seven (7) 3-story residential buildings with full cellars and penthouses. Twenty five percent of the basement is used as storage and the remainder is combined with the 1<sup>st</sup> floor in creating a duplex apartment. The building occupies 14,460 square feet of the property and the remainder is vacant and open to the sky. The basement slab of the building is 7 feet below grade.

Excavation of 4,000 cubic yards was anticipated to be required for development of the full basement. Water was not encountered. The current zoning designation is M1-

2/R6B; special mixed use district. The use is consistent with existing zoning for the property.

### **Summary of Surrounding Property**

The Site is located in a commercial and residential neighborhood.

Within a 500-foot radius of the Site, there are a variety of land uses including: commercial, residential (multi-story residential apartments) and mixed residential-commercial use. Properties located within ¼ mile radius of the Site are zoned M1-2/R6A and M1-2/R6B (mixed use district).

Within a 500-foot radius of the Site, two (2) environmentally sensitive receptors are present. One receptor is the southeast-adjacent 1-story Jewish school building and the second receptor is identified as Yeshive Beis Meir (Boys) located in the southwestern vicinity to the Site.

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

Based upon the review of the Fire Insurance Maps and Regulatory Agency documents from the Phase I Environmental Site Assessment (ESA) Report prepared by Hydro Tech Environmental, Corp. in May 2011, a Site history was established. It appears that the Site was vacant during 1905 and was then developed during or before 1926. The Site was utilized as a lumberyard during 1926, a construction material storage yard during 1934, and a junk yard and auto repair shop from 1951 to 2007.

### **Areas of Concern**

The AOCs identified for this site include:

1. Suspect historical presence of fuel oil tanks for heating purposes from the historical stores/dwellings identified in the Fire Insurance Maps.
2. Urban fill.
3. Past usage as auto repair and junk yard.

## **Summary of the Work Performed under the Remedial Investigation**

The following is the scope of work that summarizes the investigatory efforts at the Site. The scope of work was implemented by Hydro Tech. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.):

1. Installed six (6) soil borings across the entire project Site, and collected twelve (12) soil samples for chemical analysis from the soil borings to evaluate soil quality;
2. Installed one (1) groundwater monitoring well and collected one (1) groundwater sample for chemical analysis to evaluate groundwater quality;
3. Installed five (5) soil vapor probes and collected five (5) samples for chemical analysis.
4. Installed three (3) geotechnical borings and prepared geotechnical boring logs.
5. Installed two (2) groundwater monitoring wells to a depth of 60 feet below grade surface during the Remedial Action.

## **Summary of Findings of Remedial Investigation**

1. Elevation of the property is 59 feet.
2. Depth to groundwater is approximately at 55 feet below grade at the Site.
3. Bedrock was not encountered during the investigation.
4. The stratigraphy of the site, from the surface down, consists of 1-3 feet of fill material underlain by 9 feet of sand with pebbles, 5 feet of fine to coarse sand mixture with pebbles, 6 feet of sand mixture with gravel and 4 feet of sand mixture with rocks.
5. Shallow Soil/fill samples collected during the RI indicated detectable PCBs above Track 1, but all were below Track 2. One deep soil was above Track 2 for PCBs. One pesticide, specifically; 4,4'-DDT (maximum of 61 ppb) was identified in three of the shallow and one of the deep soil samples at concentrations exceeding Track 1 SCOs. Low levels of twelve (12) VOCs were detected in the shallow soil

- samples, and of these only acetone (maximum of 76 ppb) exceeded Track 1 in two soil samples. Only acetone and methylene chloride were detected in the deep soil samples at slightly above Track 1 SCOs. Both methylene chloride and acetone were found in all samples at similar concentrations and are suspected laboratory contaminant. Five (5) Polycyclic Aromatic Hydrocarbon (PAH) SVOCs were identified above their Track 1 and Track 2 Restricted Residential SCOs (RRSCOs) in one shallow soil sample at SP-5. Several metals were identified in shallow soil samples above their respective Track 1 SCOs, and of these, arsenic (maximum of 23 ppm), barium (maximum of 392 ppm), cadmium, copper, chromium trivalent and lead (maximum of 1150 ppm) also exceed Track 2 RRSCOs. For deeper soils, cadmium, nickel and chromium exceeded Track 2 RRSCOs. The levels of PAHs and metals are consistent with observations of historic fill. Overall, soil chemistry is not remarkable and no contaminant source areas were identified.
6. Groundwater samples collected during the RI and Remedial Action showed no detectable PCBs. One (1) pesticide (dieldrin) was identified in the groundwater samples collected. One (1) SVOC, (fluorine) was detected in the groundwater sample. The VOC chloroform (max. 8.7 ug/L) was detected in groundwater samples exceeding NYSDEC TOGS 1.1.1 Groundwater Quality Standards (GQS). No other VOCs, SVOCs, Pesticides or PCBs were identified at concentrations exceeding NYSDEC TOGS 1.1.1 Groundwater Quality Standards (GQS). Four (4) VOCs including 2-butanone, acetone, chloroform and methylene chloride were detected in the groundwater samples. Methylene chloride was also found in the laboratory blank. Dissolved metals including barium, calcium, magnesium, manganese, potassium and sodium were identified at concentrations exceeding their respective GQS. This can be attributed to intrusion of saline or brackish water or road salting. A tabular summary of groundwater sampling analytical data from the two (2) groundwater monitoring wells installed during the Remedial Action is included in Table 1.

7. Soil vapor samples collected during the RI detected nineteen (19) VOCs. Of these thirteen (13) including 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, acetone, benzene, cyclohexane, ethyl benzene, methylene chloride, n-heptane, n-hexane, o-xylene, p-&m-xylenes, tetrahydrofuran, and toluene exceeded NYSDOH reported background values. The VOCs concentrations will require mitigation in the remedial action phase. TCE was not identified in any of samples. PCE was detected at 55 ug/m<sup>3</sup> in one of five samples.

### **Summary of the Remedial Action**

The remedial action achieved protection of public health and the environment for the intended use of the property. The remedial action achieved all of the remedial action objectives established for the project and addressed applicable standards, criterion, and guidance; was effective in both the short-term and long-term and reduced mobility, toxicity and volume of contaminants; was cost effective and implementable; and used standards methods that are well established in the industry.

A summary of the milestones achieved in the Remedial Action is as follows: A Pre-Application Meeting was held on June 12, 2012. A Remedial Investigation (RI) was performed from November 2011 to January 2012. A RI Report was prepared to evaluate data and information necessary to develop a Remedial Action Work Plan (RAWP). A Site Contact List was established. A RAWP was prepared and released with a Fact Sheet on March 23, 2012 for a 30-day public comment period. The RAWP and Stipulation List dated March 21, 2012 was approved by the New York City Office of Environmental Remediation (OER) on April 24, 2012. A Pre-Construction Meeting was held on June 5 2013. A Fact Sheet providing notice of the start of the remedial action was issued on June 5, 2013. The remedial action was begun on June 24, 2013 and completed in February 2015.

The remedial action consisted of the following tasks:

1. Installed two (2) groundwater monitoring wells to a depth of 60 feet below grade surface and collected two (2) groundwater samples that were analyzed for the full analytical parameters.

2. Prepared a Community Protection Statement and implemented a Citizen Participation Plan.
3. Performed a Community Air Monitoring Program for particulates and volatile organic carbon compounds.
4. Established Track 4 Site Specific Soil Cleanup Objectives (SCO's).
5. The following excavations were performed: soil was removed to a depth of 7 feet from grade beneath the area of the new building and soil was removed to a depth of 7 feet over 30 percent of the rear yard to install seven (7) drywells.
6. A total of 5,410.19 tons of soil/fill was excavated and removed from the property. Excavated a total of 2,492.02 tons of petroleum contaminated soil/fill and transported to Clean Earth of Carteret in Carteret, New Jersey; excavated a total of 2,918.17 tons of construction fill and transported to Malanka Landfill in Secaucus, New Jersey.
7. Collected and analyzed end-point samples to determine attainment of SCOs. Track 4 SCO's were achieved.
8. Removed one (1) 550-gallon gasoline underground storage tank uncovered during excavation activities as required by New Your State laws and regulations.
9. Constructed an engineered Composite Cover System consisting of 4 inches of concrete slab underlain by 1.5-foot thick layer if clean fill material atop a vapor barrier to prevent human exposure to residual soil/fill remaining under the Site. A 4-inch layer of concrete slab over all open spaces was constructed. The contractor for the cover construction was Cross Concrete Inc.
10. Installed a Vapor Barrier System that consisted of a 30-mil GSE Environmental HDPE liner beneath the building slab and a 32-mil Grace PrePrufe 160R HDPE vapor barrier outside the foundation walls. The contractor for the Vapor Barrier System construction was Cross Concrete Inc.
11. Installed a passive Sub-Slab Depressurization System consisting of a 4-inch diameter ADS perforated tubing within a sock aligned horizontally beneath the

building slab and connected vertically to a 4-inch diameter schedule 80 PVC riser pipe terminating with a wind turbine 6 feet above the roof of the building. The contractor for the passive Sub-Slab Depressurization System construction was Cross Concrete Inc.

12. Residual soil is present beneath the cover layer and will be subject to Site Management under this Remedial Action.
13. Performed all activities required for the Remedial Action, including permitting requirements and pretreatment requirements, in compliance with applicable laws and regulations.
14. Mobilized site security, equipment, utility mark outs and marking & staking excavation areas.
15. Screened excavated soil/fill during intrusive work for indications of contamination by visual means, odor, and monitoring with a PID.
16. Sampled and analyzed excavated media as required by disposal facilities. Appropriately segregated excavated media onsite prior to disposal. Transported and disposed all soil/fill material at permitted facilities in accordance with all applicable laws and regulations for handling, transport, and disposal, and the RAWP.
17. Implemented storm-water pollution prevention measures in compliance with applicable laws and regulations.
18. Imported soil to be used for backfill and cover in compliance with the Remedial Action Work Plan and in accordance with applicable laws and regulations.
19. Submitted a Sustainability Report.
20. The property will continue to be registered with an E-Designation by the NYC Department of Buildings. Engineering Controls and Institutional Controls will be managed in compliance with the SMP. Institutional Controls will include prohibition of the following: (1) prohibition of vegetable gardening and farming in residual soil; (2) prohibition of the use of groundwater beneath the site without

treatment rendering it safe for the intended use; (3) prohibition of disturbance of residual soil material unless it is conducted in accordance with the SMP; and (4) prohibition of higher levels of land usage than the restricted residential uses addressed by this remedial action without prior notification and approval by OER.

21. Submitted a RAR that describes the Remedial Action, certifies that the remedial requirements defined in the Remedial Action Work Plan have been achieved; defines the Site boundaries; describes all Engineering and Institutional Controls applicable to the Site; and describes any changes from the RAWP.
22. Submitted a Site Management Plan (SMP) for long-term management of residual soil, including plans for operation, maintenance, inspection and certification of the performance of Engineering Controls and Institutional Controls. Inspections will be performed annually. Inspection and Certification reports will be submitted by July 30, 2016 (for the reporting period calendar years 2015), July 30, 2019 (for the reporting period calendar years 2016-2018) and every three (3) years thereafter (for the reporting period consisting of the four (3) prior calendar years). Inspection and Certification Reports will cover all calendar years since the prior reporting period.

# **REMEDIAL ACTION REPORT**

## **1.0 SITE BACKGROUND**

M&Y Developers has enrolled in the New York City Voluntary Cleanup Program (NYC VCP) to investigate and remediate a property located at 1309-1321 38<sup>th</sup> Street in the Kensington section of Brooklyn, New York. The boundary of the property subject to this Remedial Action is Brooklyn Block 5300 and Lots 70, 72 and 74. The Remedial Action was performed pursuant to the OER-approved RAWP in a manner that has rendered the property protective of public health and the environment consistent with its intended use. 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 BACKGROUND**

The Site is located at 1309-1321 38<sup>th</sup> Street in the Kensington section in Brooklyn, New York and is identified as Block 5300 and Lots 70, 72 and 74 on the New York City Tax Map. Figure 1 shows the Site location. The Site is 21,000-square feet and is bounded by parking area to the north, 38<sup>th</sup> Street to the south, 1-story Jewish school to the east, and multi-story residential and commercial building to the west. A map of the site boundary is shown in Figure 2. The Site was most recently used as a parking lot and auto repair facility and contained two 1-story brick buildings, a metal shed and an open concrete paved truck parking area.

### **1.2 REDEVELOPMENT PLAN**

The Site consists of seven (7) 3-story residential buildings with full cellars and penthouses. Twenty five percent of the basement is used as storage and the remainder is combined with the 1<sup>st</sup> floor in creating a duplex apartment. The building occupies 14,460

square feet of the property, and the remainder is vacant open to the sky. The basement slab of the building is 7 feet below grade.

Excavation of 4,000 cubic yards was anticipated to be required for development of the full basement. Water was not encountered. Layout of the site development is presented in Figure 3. The current zoning designation is M1-2/R6B; special mixed use district. The use is consistent with existing zoning for the property.

The remedial action contemplated under this RAWP may be implemented independently of the proposed redevelopment plan.

### **1.3 DESCRIPTION OF SURROUNDING PROPERTY**

The Site is located in a commercial and residential neighborhood.

Within a 500-foot radius of the Site, there is a variety of land uses including: commercial, residential (multi-story residential apartments) and mixed residential-commercial use. Properties located within ¼ mile radius of the Site are zoned M1-2/R6A and M1-2/R6B (mixed use district).

Within a 500-foot radius of the Site, two (2) environmentally sensitive receptors are present. One receptor is the southeast-adjacent 1-story Jewish school building and the second receptor is identified as Yeshive Beis Meir (Boys) located in the southwestern vicinity to the Site.

### **1.4 SUMMARY OF PAST SITE USES AND AREAS OF CONCERN**

Based upon the review of the Fire Insurance Maps and Regulatory Agency documents from the Phase I Environmental Site Assessment (ESA) Report prepared by Hydro Tech in May 2011, a Site history was established. It appears that the Site was vacant during 1905 and was then developed during or before 1926. The Site was utilized as a lumberyard during 1926, a construction material storage yard during 1934, and a junkyard and auto repair shop from 1951 to 2007.

## **Areas of Concern**

The AOCs identified for this site include:

1. Suspect historical presence of fuel oil tanks for heating purposes from the historical stores/dwellings identified in the Fire Insurance Maps.
2. Urban fill.
3. Past usage as auto repair and junk yard.

## **1.5 SUMMARY OF WORK PERFORMED UNDER THE REMEDIAL INVESTIGATION**

1. The following is the scope of work that summarizes the investigatory efforts at the Site. The scope of work was implemented by Hydro Tech Environmental, Corp. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Installed six (6) soil borings across the entire project Site, and collected twelve (12) soil samples for chemical analysis from the soil borings to evaluate soil quality;
3. Installed one (1) groundwater monitoring well and collected one (1) groundwater sample for chemical analysis to evaluate groundwater quality;
4. Installed five (5) soil vapor probes and collected five (5) samples for chemical analysis.
5. Installed three (3) geotechnical borings and prepared geotechnical boring logs.
6. Installed two (2) groundwater monitoring wells to a depth of 60 feet below grade surface during the Remedial Action.

## 1.6 SUMMARY OF FINDINGS OF REMEDIAL INVESTIGATION

1. Elevation of the property is 59 feet.
2. Depth to groundwater is approximately at 55 feet below grade at the Site.
3. Bedrock was not encountered during the investigation.
4. The stratigraphy of the site, from the surface down, consists of 1-3 feet of fill material underlain by 9 feet of sand with pebbles, 5 feet of fine to coarse sand mixture with pebbles, 6 feet of sand mixture with gravel and 4 feet of sand mixture with rocks.
5. Shallow Soil/fill samples collected during the RI indicated detectable PCBs above Track 1, but all were below Track 2. One deep soil was above Track 2 for PCBs. One pesticide, specifically; 4,4'-DDT (maximum of 61 ppb) was identified in three of the shallow and one of the deep soil samples at concentrations exceeding Track 1 SCOs. Low levels of twelve (12) VOCs were detected in the shallow soil samples, and of these only acetone (maximum of 76 ppb) exceeded Track 1 in two soil samples. Only acetone and methylene chloride were detected in the deep soil samples at slightly above Track 1 SCOs. Both methylene chloride and acetone were found in all samples at similar concentrations and are suspected laboratory contaminant. Five (5) Polycyclic Aromatic Hydrocarbon (PAH) SVOCs were identified above their Track 1 and Track 2 Restricted Residential SCOs (RRSCOs) in one shallow soil sample at SP-5. Several metals were identified in shallow soil samples above their respective Track 1 SCOs, and of these, arsenic (maximum of 23 ppm), barium (maximum of 392 ppm), cadmium, copper, chromium trivalent and lead (maximum of 1150 ppm) also exceed Track 2 RRSCOs. For deeper soils, cadmium, nickel and chromium exceeded Track 2 RRSCOs. The levels of PAHs and metals are consistent with observations of historic fill. Overall, soil chemistry is not remarkable and no contaminant source areas were identified.
6. Groundwater samples collected during the RI and Remedial Action showed no detectable PCBs. One (1) pesticide (dieldrin) was identified in the groundwater

- samples collected. One (1) SVOC, (fluorine) was detected in the groundwater sample. The VOC chloroform (max. 8.7 ug/L) was detected in groundwater samples exceeding NYSDEC TOGS 1.1.1 Groundwater Quality Standards (GQS). No other VOCs, SVOCs, Pesticides or PCBs were identified at concentrations exceeding NYSDEC TOGS 1.1.1 Groundwater Quality Standards (GQS). Four (4) VOCs including 2-butanone, acetone, chloroform and methylene chloride were detected in the groundwater samples. Methylene chloride was also found in the laboratory blank. Dissolved metals including barium, calcium, magnesium, manganese, potassium and sodium were identified at concentrations exceeding their respective GQS. This can be attributed to intrusion of saline or brackish water or road salting. A tabular summary of groundwater sampling analytical data from the two (2) groundwater monitoring wells installed during the Remedial Action is included in Table 1.
7. Soil vapor samples collected during the RI detected nineteen (19) VOCs. Of these thirteen (13) including 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, acetone, benzene, cyclohexane, ethyl benzene, methylene chloride, n-heptane, n-hexane, o-xylene, p-&m-xylenes, tetrahydrofuran, and toluene exceeded NYSDOH reported background values. The VOCs concentrations will require mitigation in the remedial action phase. TCE was not identified in any of samples. PCE was detected at 55 ug/m<sup>3</sup> in one of five samples.

## **2.0 DESCRIPTION OF REMEDIAL ACTIONS**

The remedial action was performed in accordance with an OER approved Remedial Action Work Plan and achieved the remedial action objectives established for the project. The remedial action was evaluated in an alternatives analysis and was determined to be protective of human health and the environment, compliant with standards, criteria, and guidelines (SCGs), effective in the short-term, effective in the long-term, capable of attaining appropriate levels of reduction of toxicity, mobility, or volume of contaminated material, implementable, cost effective, acceptable to the community, consistent with land uses, and sustainable.

A summary of the milestones achieved in the Remedial Action is as follows: A Pre-Application Meeting was held on June 12, 2012. A Remedial Investigation (RI) was performed from November 2011 to January 2012. A RI Report was prepared to evaluate data and information necessary to develop a Remedial Action Work Plan (RAWP). A Site Contact List was established. A RAWP was prepared and released with a Fact Sheet on March 23, 2012 for a 30-day public comment period. The RAWP and Stipulation List dated March 21, 2012 was approved by the New York City Office of Environmental Remediation (OER) on April 24, 2012. A Pre-Construction meeting was held on June 5, 2013. A Fact Sheet providing notice of the start of the remedial action was issued on June 5, 2013. The remedial action was begun on June 24, 2013 and completed February 2015.

The remedial action consisted of the following tasks:

1. Installed two (2) groundwater monitoring wells to a depth of 60 feet below grade surface and collected two (2) groundwater samples that were analyzed for the full analytical parameters.
2. Prepared a Community Protection Statement and implemented a Citizen Participation Plan.
3. Performed a Community Air Monitoring Program for particulates and volatile organic carbon compounds.

4. Established Track 4 Site Specific Soil Cleanup Objectives (SCO's).
5. The following excavations were performed: soil was removed to a depth of 7 feet from grade beneath the area of the new building and soil was removed to a depth of 7 feet over 30 percent of the rear yard to install seven (7) drywells.
6. A total of 5,410.19 tons of soil/fill was excavated and removed from the property. Excavated a total of 2,492.02 tons of petroleum contaminated soil/fill and transported to Clean Earth of Carteret in Carteret, New Jersey; excavated a total of 2,918.17 tons of construction fill and transported to Malanka Landfill in Secaucus, New Jersey.
7. Collected and analyzed end-point samples to determine attainment of SCOs. Track 4 SCO's were achieved.
8. Removed one (1) 550-gallon gasoline underground storage tank uncovered during excavation activities as required by New Your State laws and regulations.
9. Constructed an engineered Composite Cover System consisting of 4 inches of concrete slab underlain by 1.5-foot of clean fill material atop a vapor barrier to prevent human exposure to residual soil/fill remaining under the Site. A 4-inch layer of concrete over all open spaces was constructed. The contractor for the cover construction was Cross Concrete Inc.
10. Installed a Vapor Barrier System that consisted of a 30-mil GSE Environmental HDPE liner beneath the building slab and a 32-mil Grace PrePrufe 160R HDPE vapor barrier outside the foundation walls. The contractor for the Vapor Barrier System construction was Cross Concrete Inc.
11. Installed a passive Sub-Slab Depressurization System consisting of a 4-inch diameter ADS perforated tubing within a sock aligned horizontally beneath the building slab and connected vertically to a 4-inch diameter schedule 80 PVC riser pipe terminating with a wind turbine 6 feet above the roof of the building. The contractor for the passive Sub-Slab Depressurization System construction was Cross Concrete Inc.

12. Residual soil is present beneath the cover layer and will be subject to Site Management under this Remedial Action.
13. Performed all activities required for the Remedial Action, including permitting requirements and pretreatment requirements, in compliance with applicable laws and regulations.
14. Mobilized site security, equipment, utility mark outs and marking & staking excavation areas.
15. Screened excavated soil/fill during intrusive work for indications of contamination by visual means, odor, and monitoring with a PID.
16. Sampled and analyzed excavated media as required by disposal facilities. Appropriately segregated excavated media onsite prior to disposal. Transported and disposed all soil/fill material at permitted facilities in accordance with all applicable laws and regulations for handling, transport, and disposal, and the RAWP.
17. Implemented storm-water pollution prevention measures in compliance with applicable laws and regulations.
18. Imported soil to be used for backfill and cover in compliance with the Remedial Action Work Plan and in accordance with applicable laws and regulations.
19. Submitted a Sustainability Report.
20. The property will continue to be registered with an E-Designation by the NYC Department of Buildings. Engineering Controls and Institutional Controls will be managed in compliance with the SMP. Institutional Controls will include prohibition of the following: (1) prohibition of vegetable gardening and farming in residual soil; (2) prohibition of the use of groundwater beneath the site without treatment rendering it safe for the intended use; (3) prohibition of disturbance of residual soil material unless it is conducted in accordance with the SMP; and (4) prohibition of higher levels of land usage than the restricted residential uses

addressed by this remedial action without prior notification and approval by OER.

21. Submitted a RAR that describes the Remedial Action, certifies that the remedial requirements defined in the Remedial Action Work Plan have been achieved; defines the Site boundaries; describes all Engineering and Institutional Controls applicable to the Site; and describes any changes from the RAWP.
22. Submitted a Site Management Plan (SMP) for long-term management of residual soil, including plans for operation, maintenance, inspection and certification of the performance of Engineering Controls and Institutional Controls. Inspections will be performed annually. Inspection and Certification reports will be submitted by July 30, 2016 (for the reporting period calendar year 2015), July 30, 2019 (for the reporting period calendar years 2016-2018) and every three (3) years thereafter (for the reporting period consisting of the three (3) prior calendar years). Inspection and Certification Reports will cover all calendar years since the prior reporting period.

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

### **3.1 HEALTH & SAFETY PLAN**

The remedial construction activities performed under this program were in compliance with the Health and Safety Plan and applicable laws and regulations. The Site Safety Coordinator was Ezgi Karayel.

### **3.2 COMMUNITY AIR MONITORING PLAN**

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 3.

### **3.3 SOIL/MATERIALS MANAGEMENT PLAN**

The Soil/Materials Management Plan provided detailed plans for managing all soil/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 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**

The following actions from the RAWP were to be followed:

1. No soils were to be imported on Site and placed in landscaped areas or below the proposed building foundations;
2. The undeveloped portion of the Subject Property was to be landscaped
3. The vapor barrier to be installed on the walls was Grace Bituthene System 4000. The basement's cellar slab was to be 6-inches atop 1-foot and 9-inches of fill material. Below the fill material, mat slab 3 feet and 3-inches thick was to be installed atop 6-inches of mud slab. Below the mud slab, 30-mil GSE geomembrane liner was to be installed atop a sand layer at least 3-inches thick.
4. The active sub slab depressurization system to be installed below the vapor barrier was planned as a 4-inch diameter perforated PVC pipe connected to two (2) 4-inch diameter schedule 80 PVC vent pipes that extend upwards along the exterior building wall to above the roof of the building. Each of the two pipes was to be connected to outdoor RadonAway GP-501 model fans capable of a suction pressure of 4-inches of H<sub>2</sub>O. The fan was to be connected to an individual outdoor exhaust stack extending 4 feet above the roof of the building. The 4-inch diameter perforated PVC pipe was to be surrounded by a 3-inch thick layer of gravel around the thickness of the pipe and traversing the pipe's entire length. Instead of active operation of the SSDS, OER was petitioned to convert this system to a passive SSDS system based on the removal of substantial quantity of soil/fill from the property and the low concentration of vapor in the subgrade. OER approved this change and a passive SSDS was implemented.
5. The areas beneath the building slab and more than 3-inches away from the SSDS's gravel was to be native undisturbed material.

The following deviations from the RAWP were noted:

1. A volume of 845.68 tons of clean soil was imported to the Site from Prospect Park NJ in May and June 2014;
2. One (1) 550-gallon gasoline underground storage tank was uncovered and removed as required by New York State laws and regulations.
3. The vapor barrier installed was a 30-mil GSE HDPE liner beneath the cellar slab and Grace PrePrufe 160R membrane was installed on the vertical slab walls. A 1.5-foot layer of clean fill was installed atop the vapor barrier and between the spread footings and a 4-inch layer of RCA material was installed below the vapor barrier under the entire building slab.
4. A passive SSDS was installed beneath the new development at the Site based on a petition dated June 8, 2015 to convert the active SSDS into a passive system, which was approved by OER on June 15, 2015.
5. A 4-inch bendable pipe covered in fiber was utilized for the passive SSDS, though the original plan approved the use of schedule 80 PVC pipes. The OER was notified prior to the change and provided approval.
6. The 4-inch diameter schedule 80 PVC SSDS riser pipe extends 6 feet above the rooftop; the original design provided for two (2) riser pipes to rise 4 feet above the rooftop. Only one (1) riser pipe was installed.
7. Mined and processed sand used as clean fill was imported to the site from New York Sand and Stone. The OER was notified prior to the import and provided approval.
8. Fourteen (14) drywells were installed in the rear undeveloped portion of the Site and capped with a 4-inch thick concrete slab. The action taken is protective of public health and the environment, as any soil left onsite has been contained below the concrete. The excavation in the lower portion of the rear yard was conducted to a depth of 7 feet below grade to install seven (7) drywells. This excavated soil was reused around seven additional drywells installed in the upper

portion of the rear yard, which was raised to the same elevation of the northwestern vicinity of the Site.

## **4.0 REMEDIAL PROGRAM**

### **4.1 PROJECT ORGANIZATION**

Principal personnel who participated in the remedial action included Ezgi Karayel, Project Manager, and Rachel Ataman, Senior Vice President. The Professional Engineer (PE) for this project was Shaik Saad, and the Qualified Environmental Professional (QEP) for this project was Mark E. Robbins.

### **4.2 SITE CONTROLS**

#### **Site Preparation**

No site clearing and site grubbing of organic matter (woods, roots, stumps, etc.) or other solid waste were required prior to remedial work.

An OER Project Notice was erected at the project entrance and was in place during all phases of the Remedial Action.

#### **Soil Screening**

Hydro Tech personnel indicated that excavated soil was visually examined for the presence of visual/olfactory evidence of contamination. No organic vapors (0.1 ppm) were identified in the excavated soil. Evidence of contamination was not identified in areas where unanticipated.

#### **Stockpile Management**

No soil stockpiling occurred at the Site. All excavated soil material was live-loaded directly into trucks and transported offsite.

#### **Truck Inspection**

Trucks were inspected for the presence of visual contamination. Truck tires were hosed with water prior to departure.

#### **Site Security**

Site security was maintained in accordance with NYCDOB code.

## **Nuisance Controls**

No odors, dust or vapors were generated or identified during fieldwork.

## **Reporting**

All daily and monthly reports are included in Appendix 4. Digital photographs of the Remedial Action are included in Appendix 5.

### **4.3 MATERIALS EXCAVATION AND REMOVAL**

One (1) 550-gallon gasoline UST was removed from the southwestern portion of the Subject Property in the area of WC-6 by Hydro Tech during remedial soil excavation activities performed in July 2013. The tank was buried in soil. No visible evidence of holes or corrosion was noted on the tanks. No evidence of petroleum contamination was identified during the removal of the UST. The tank was cleaned of sludge that was placed into two (2) 55-gallon drums and transported offsite and disposed of according to local, state and federal regulations. A tank removal affidavit was issued with the New York City Fire Department. Tank closure documentation, including disposal manifest and affidavit, is included in Appendix 6.

Approximately 30 percent of the rear yard was excavated to a depth of 7 feet bgs to install seven (7) drywells. Excavated soil in the rear yard was reused around seven (7) additional drywells installed in the upper portion of the rear yard, which was raised to the same elevation of the northwestern vicinity of the Site.

A map showing the location where excavations were performed is shown in Figure 4.

## **End Point Sample Results**

Four (4) endpoint samples were collected at the base of excavation around the Site's perimeter and one (1) endpoint sample was collected at the bottom of the excavation depth. All samples were analyzed for VOCs via EPA Method 8260, SVOCs via EPA Method 8270, Pesticides and PCBs via EPA Methods 8081 and 8082, TAL metals and chromium hexavalent and chromium trivalent. All analytes were detected at

concentrations less than site specific Track 4 SCOs and Track 2 Restricted Residential SCOs.

A map of end-point sample locations is shown in Figure 5. A tabular summary of end-point sampling results compared to SCO's is included in Table 2.

#### **4.4 MATERIALS DISPOSAL**

Waste characterization activities were conducted on June 10-11, 2013. The Site was divided into six (6) grids of equal size, labeled WC-1 through WC-6. Five (5) soil probes were installed to 7 feet below grade in each of the six (6) grids for a total of thirty (30) soil probes. All grab soil samples within each grid were composited into 1 composite sample and a total of six (6) composite samples were generated. Each sample was analyzed for Clean Earth Parameters, including volatile organic compounds, TCLP metals and paint filters.

Additional waste characterization activities were conducted on June 26, 2013 to characterize PCB impacts to soil in WC-3 located in the north central portion of the Site. Four (4) soil probes were installed and soil samples were collected from each probe from zero to 2 feet and 2 to 3 feet below grade surface. Duplicates of each grab sample were collected and composited into one (1) composite sample. Each of the eight (8) grab samples were analyzed for PCBs and the composite sample was analyzed for Malanka Landfill parameters. Based on the analytical data from the waste characterization activities, Malanka Landfill was chosen to accept all soil generated from grids WC-1, WC-2, WC-4, WC-5 and WC-6. Clean Earth of Carteret was chosen to accept all soil generated from grid WC-3.

Excavation activities occurred on June 24, June 27, June 28, July 1 – 3, July 8 – 11, and July 15 – 17, 2013.

The material type, quantity and disposal location of material removed and disposed off-Site is presented below:

Disposal Location/Address	Type of Material	Quantity
Clean Earth of Carteret 24 Middlesex Avenue Carteret, NJ 07008	Non-Hazardous Soil	2,492.02 tons
Malanka Landfill Facility West Side Avenue Secaucus, NJ	Non-Hazardous Construction Fill	2,918.17 tons

Letters from Hydro Tech to OER providing quantities disposed and acceptance letters from disposal facility stating it is approved to accept above materials are attached in Appendix 7. Manifests are included in Appendix 8. Characterization sample results are presented in Appendix 9. A table of all disposal facilities and quantities disposed is shown in Table 4.

#### **4.5 BACKFILL IMPORT**

Mined and processed sand from New York Sand and Stone, LLC was imported onsite to be placed over RCA to protect the vapor barrier from damage. A letter providing certification that semi-annual sampling and analysis of the mined sand is performed is provided in Appendix 10. This source for backfill was approved by the OER. A letter from the client providing an imported quantity of backfill is provided in Appendix 11.

A total of 845.68 tons of clean soil was imported from Prospect Park NJ LLC on May 20, May 27, May 28, June 6, June 11 – 13, June 16, June 18 and June 19, 2014. No analytical testing was done on the imported clean fill. The clean soil was used to construct a 1.5-foot thick layer of clean soil between the spread footings installed on top of the vapor barrier.

A table of all sources of backfill with quantities for each source is shown in Table 5. Receipts and weight tickets from Prospect Park NJ is provided in Appendix 12.

#### **4.6 DEMARCATION**

Soil below the final cover is residual soil that will be addressed by site management under this remedial action.

## **5.0 ENGINEERING CONTROLS**

Engineering Controls were employed in the Remedial Action to address residual soil remaining at the site. The Site has three (3) primary Engineering Control Systems. These are:

- (1) A Composite Cover System consisting of concrete covered yard and concrete building slabs;
- (2) Vapor Barrier System;
- (3) Passive Sub-Slab Depressurization System.

### **Composite Cover System**

Exposure to residual soil/fill is prevented by an engineered Composite Cover System that has been built on the Site. This Composite Cover System is comprised of 4 inches of reinforced concrete slab underlain by 4 inches of RCA material in building areas; 4 inches of concrete underlain by soil reused onsite and imported clean fill materials in open space areas. The contractor for the Composite Cover System construction was Cross Concrete Inc.

Figure 6 shows the as-built design for each remedial cover type, including the composite cover and vapor barrier system, used on this Site. Photographs of construction of the Composite Cover System are included in Appendix 5.

### **Vapor Barrier System**

Exposure to soil vapor is prevented by a Vapor Barrier System that has been built on the Site. This Vapor Barrier System consists of a 30-mil GSE HDPE liner below the cellar slab and Grace PrePrufe 160R membrane installed outside the vertical slab walls. A 2-inch thick layer of sand was installed atop the vapor barrier and a 4-inch layer of RCA material was installed below the vapor barrier under the entire proposed building slab. Bituthene Liquid Membrane and HDPE tape were applied on the section pipe to slab

penetrations. The professional engineer for the Vapor Barrier System was Shaik Saad. The contractor for the Vapor Barrier System construction was Cross Concrete Inc.

An affidavit from the vapor barrier and passive SSDS installer is included in Appendix 13, including purchase receipts of the vapor barrier materials. Photographs of vapor barrier installation are included in Appendix 5.

### **Passive Sub-Slab Depressurization System**

Exposure to any potential soil vapor is prevented by a passive Sub-Slab Depressurization System that has been built on the Site. The passive SSDS consists of a 4-inch diameter perforated bendable ADS pipe with a sock and is encased in a 4-inch thick layer of RCA. The ADS pipe is connected vertically to one (1) 4-inch diameter schedule 80 PVC riser pipe that extends upwards along the exterior building wall and terminates with a wind turbine, approximately 6 feet above the roof of the building. The contractor for the passive SSDS construction was Cross Concrete Inc. Purchase receipts and manufacturer specifications are included in Appendix 13.

Figure 7 shows the as built design for the SSDS used on this Site.

## **6.0 INSTITUTIONAL CONTROLS**

A series of Institutional Controls are required under this Remedial Action to assure permanent protection of public health by elimination of exposure to residual materials. These IC's define the program to operate, maintain, inspect and certify the performance of Engineering Controls and Institutional Controls on this property. These Institutional Controls will be implemented in accordance with the Site Management Plan included in this RAR.

Institutional Controls for this property are:

- (1) The property will continue to be registered with an E-Designation by the NYC Department of Buildings. Property owner and property owner's successors and assigns are required to comply with the approved SMP;
- (2) Compliance with an OER-approved Site Management Plan including procedures for appropriate operation, maintenance, inspection, and certification of performance of EC's and IC's. The property owner and property owner's successors and assigns will inspect EC's and IC's and submit to OER a written certification that evaluates their performance in a manner and at a frequency to be determined by OER;
- (3) Engineering Controls will not be discontinued without prior OER approval;
- (4) OER has the right to enter the Site upon notice for the purpose of evaluating the performance of EC's and IC's;
- (5) Vegetable gardens and farming in residual soil/fill on the Site are prohibited;
- (6) Use of groundwater underlying the Site without treatment rendering it safe for its intended use is prohibited;
- (7) All future activities on the Site that will disturb residual soil/fill must be conducted pursuant to the Soil/Materials Management provisions of the SMP, or otherwise approved by OER;
- (8) The Site is intended to be used for restricted residential use and will not be used for a higher level of use without prior approval by OER.

## **7.0 SITE MANAGEMENT PLAN**

Site Management is the last phase of the remedial process and begins after the approval of the Remedial Action Report (RAR) and issuance of the Notice of Completion (NOC) by OER. It is the responsibility of the property owner to ensure that all Site Management responsibilities are performed. The penalty for failure to implement the SMP includes revocation of the Notice of Completion and all associated certifications and liability protections.

Engineering Controls and Institutional Controls have been incorporated into this Remedial Action to ensure that the site remains protective of public health and the environment. Generally, EC's provide physical protective measures and IC's provide restrictions on Site usage and establish remedial operation, maintenance, inspection and certification measures. This Site Management Plan has been established to govern long-term performance of EC's and IC's for this property.

The SMP provides a detailed description of procedures required to manage residual material at the Site following the completion of remedial construction in accordance with the NYC Voluntary Cleanup Agreement with OER. This includes: (1) operation and maintenance of Engineering Controls; (2) inspection of EC's and IC's; and (3) certification of performance of EC's and IC's.

### **ENGINEERING CONTROLS**

Engineering Controls were employed in the remedial action to address residual materials remaining at the site. The Site has three (3) Engineering Control Systems. Engineering Controls for this property are:

- (1) A Composite Cover System consisting of concrete covered yard and concrete building slabs;
- (2) Vapor Barrier System;
- (3) Passive Sub-Slab Depressurization System

### **Operation and Maintenance of Composite Cover System**

Chapter 5 describes the Composite Cover System utilized in this Remedial Action and provides as-built design details and the location of each cover type. The Composite Cover System is a permanent Engineering Control for the Site. The system will be inspected and its performance certified at specified intervals defined in this SMP. A Soil/Materials Management Plan is included in this Site Management Plan and outlines the procedures to be followed in the event that the composite cover system and underlying residual soil/material must be disturbed after the Remedial Action is complete.

The Composite Cover System does not require any special operation or maintenance activities. If the system is breached during future construction activities, the system will be rebuilt by reconstructing the system according to the original design and tying newly constructed cover layers into existing cover layers to form a continuous layer(s).

### **Operation and Maintenance of Vapor Barrier System**

Chapter 5 describes the Vapor Barrier System utilized in this Remedial Action and provides as-built design details and the system location. The Vapor Barrier System is a permanent Engineering Control for the Site. The system will be inspected and its performance certified at specified intervals defined in this SMP.

The Vapor Barrier System does not require any special operation or maintenance activities. If the system is breached during future construction activities, the system will be rebuilt by reconstructing the vapor barrier layers and sealing the newly constructed materials with existing barrier materials in accordance with manufacturer specifications.

### **Operation and Maintenance of Passive Sub-Slab Depressurization System**

Chapter 5 describes the Passive Sub-Slab Depressurization System utilized in this Remedial Action and provides as-built design details and the system location. The SSDS

is a permanent Engineering Control for the Site. The system will be inspected and its performance certified at specified intervals defined in this SMP.

The Passive Sub Slab Depressurization System does not require any special operation or maintenance activities. If the system is breached during future construction activities, the system will be rebuilt by reconstructing the piping system with perforated PVC around the perimeter of the future building foundations.

## **INSTITUTIONAL CONTROLS**

A series of Institutional Controls are required under this Remedial Action to assure permanent protection of public health by elimination of exposure to residual materials. These IC's define the program to operate, maintain, inspect and certify the performance of Engineering Controls and Institutional Controls on this property. These Institutional Controls will be implemented in accordance with the Site Management Plan included in this RAR.

Institutional Controls are also designed to prevent future exposure to residual soil/materials by controlling disturbances in the subsurface, restrict higher uses of the property than those addressed by the Remedial Action and establish restrictions on activities and site usage. Institutional Controls for this property are:

- (1) The property will continue to be registered with an E-Designation by the NYC Department of Buildings. Property owner and property owner's successors and assigns are required to comply with the approved SMP;
- (2) Compliance with an OER-approved Site Management Plan including procedures for appropriate operation, maintenance, inspection, and certification of performance of EC's and IC's. The property owner and property owner's successors and assigns will inspect EC's and IC's and submit to OER a written certification that evaluates their performance in a manner and at a frequency to be determined by OER;
- (3) Engineering Controls will not be discontinued without prior OER approval;

- (4) OER has the right to enter the Site upon notice for the purpose of evaluating the performance of EC's and IC's;
- (5) Vegetable gardens and farming in residual soil/fill on the Site are prohibited;
- (6) Use of groundwater underlying the Site without treatment rendering it safe for its intended use is prohibited;
- (7) All future activities on the Site that will disturb residual soil/fill must be conducted pursuant to the Soil/Materials Management provisions of the SMP, or otherwise approved by OER;
- (8) The Site is intended to be used for restricted residential use and will not be used for a higher level of use without prior approval by OER.

## **INSPECTIONS**

Engineering Controls and Institutional Controls will be inspected by a QEP on a periodic basis as described in this Plan and on a monthly basis by building superintendent staff. The QEP inspections will evaluate the following:

- If Engineering Controls or Institutional Controls employed at the Site continue to perform as designed and continue to be protective of human health and the environment;
- If anything has occurred that impairs the ability of the Engineering Controls or Institutional Controls to protect public health and the environment;
- If changes are needed to the remedial systems or controls;
- If compliance with this SMP has been maintained;
- If site records are complete and up to date; and
- General Site conditions at the time of inspection.

In an addition, if an emergency occurs, such as a natural disaster, or if an unforeseen failure of any of the Engineering Controls occurs, an inspection of the Site will be

performed within 30 days to evaluate the Engineering Controls and a letter report of findings will be submitted to OER.

### **Inspection of Composite Cover System**

Composite cover inspection shall include observations of the conditions of the concrete sidewalks, concrete building slabs and concrete yard. The composite cover will be inspected for cracks, holes or other openings that will provide access to the possible residual soil/fill. Any cracks, holes or other openings in the composite cover that are observed during the EC inspection will be recommended to be immediately filled and/or sealed as necessary.

### **Inspection of Vapor Barrier System**

Unless the concrete slab above the vapor barrier is removed, EC inspections of the vapor barrier cannot be made. Observations of the concrete slab will be made to determine if cracks and gaps are visible. The seams and edges of exposed sections of vapor barrier, if any, shall be inspected in addition to the presence of holes in the vapor barrier. Additional vapor barrier tape or sealant will be recommended to repair holes in the vapor barrier or if there is missing sealant along the vapor barrier edges or seams. The concrete slab shall be replaced over the exposed sections of vapor barrier once necessary repairs have been made.

### **Inspection of Passive Sub-Slab Depressurization System**

SSDS inspection shall include:

- Observe visible components (tubing, riser pipe, etc.) for physical wear, damage and replace as necessary;
- Inspect riser pipe penetrations in concrete slab for proper seal.

## **Site Use Prohibitions**

Inspections to evaluate the status of site use prohibitions will include an evaluation of whether there is vegetable gardening or farming in residual soil/fill; whether groundwater underlying the site has been used without treatment rendering it safe for its intended use; whether activities that have disturbed site soil/fill have been conducted pursuant to the Soil/Material Management provisions of the SMP, or otherwise approved by OER; and whether the site has been used for a higher level of use other than the restricted residential use addressed by the Remedial Action.

## **INSPECTION AND CERTIFICATION LETTER REPORT**

Results of inspections performed during a reporting period and certification of performance of all Engineering Controls and Institutional Controls will be included in an Inspection and Certification Letter Report. Inspections will be performed in 2018, 2021 and every three years thereafter. Inspection and Certification Letter Reports will be submitted by July 30, 2019 (for the reporting period calendar years 2016-2018), July 30, 2022 (for the reporting period calendar years 2019-2021) and every three years thereafter (for the reporting period consisting of the three prior calendar years). Inspection and Certification Reports will cover all calendar years since the prior reporting period. Inspection and Certification Letter Reports will be submitted to OER in digital format. The letter report will include, at a minimum:

- Date of inspections;
- Personnel conducting inspections;
- Description of the inspection activities performed;
- Any observations, conclusions, or recommendations;
- Copy of any inspection forms including checklists for monthly building superintendent inspections;
- A determination as to whether groundwater plume conditions, if any, have changed since the last reporting event; and

- Certification of the performance of Engineering Controls and Institutional Controls, as discussed below.

The certification of the performance of EC's and IC's will establish:

- If Engineering Controls or Institutional Controls employed at the Site continue to be in place and perform as designed and continue to be protective of human health and the environment;
- If anything has occurred that impairs the ability of Engineering Controls or Institutional Controls to protect public health and the environment;
- If changes are needed to the remedial systems or controls;
- If compliance with this Site Management Plan has been maintained;
- If vegetable gardening and farming in residual soils has been prevented;
- If groundwater underlying the Site is being utilized without treatment rendering it safe for the intended purpose has been prevented;
- If activities on the Site that have disturbed residual soil/fill material have been in accordance with the Soil/Materials Management Plan in this SMP;
- If the Site has been used for a higher level of use other than the restricted residential use addressed by the Remedial Action;
- If site records are complete and up to date;
- If the Site continues to be registered as an E-Designated property by the NYC Department of Buildings;

OER may enter the Site upon notice for the purpose of evaluating the performance of EC's and IC's.

## **NOTIFICATIONS**

Notifications will be submitted by the property owner to OER as described below:

- 60-day advance notice of any proposed changes in Site use, such as an upgrade from existing use to residential or commercial use that was not contemplated in the Remedial Action.
- Notice within 30 days of any emergency, such as a fire, flood, or earthquake that has the potential to reduce the effectiveness of Engineering Controls in place at the Site.

## **SOIL/MATERIALS MANAGEMENT PLAN**

Any future intrusive work that will disturb residual soil/fill beneath the property, including modifications or repairs to the existing composite cover system, will be performed in compliance with this Soil/Materials Management Plan (SMMP). Intrusive work will also be conducted in accordance with the procedures defined in the Community Air Monitoring Plan (CAMP) included in this chapter and a Construction Health and Safety Plan (HASP). The HASP is the responsibility of the property owner and should be in compliance with NYSDEC DER-10 Technical Guide and 29 CFR 1910 and 1926, and all other applicable Federal, State and City regulations. Intrusive construction work should be compliant with this SMMP and described in the next Inspection and Certification Letter Report.

## **SOIL/MATERIALS MANAGEMENT PLAN**

Any future intrusive work that will disturb residual soil/fill beneath the property, including modifications or repairs to the existing composite cover system, will be performed in compliance with this Soil/Materials Management Plan (SMMP). Intrusive work will also be conducted in accordance with the procedures defined in the Community Air Monitoring Plan (CAMP) in this plan and a Construction Health and Safety Plan (HASP). The HASP is the responsibility of the property owner and should be in compliance with NYSDEC DER-10 Technical Guide and 29 CFR 1910 and 1926, and all

other applicable Federal, State and City regulations. Intrusive construction work should be compliant with this SMMP and described in the next Inspection and Certification Letter Report.

### **Soil Screening Methods**

Visual, olfactory and PID soil screening and assessment will be performed under the supervision of a Qualified Environmental Professional (QEP). Soil screening will be performed during any future intrusive work.

### **Stockpile Methods**

Stockpiles will be used to isolate excavated soil and will be removed as soon as practicable. While stockpiles are in place, they will be inspected daily, and before and after every storm event. Results of inspections will be recorded in a logbook and maintained at the Site and available for inspection by OER. Excavated soils will be stockpiled on, at minimum, double layers of 6-mil minimum sheeting, will be kept covered at all times with appropriately anchored plastic tarps, and will be routinely inspected. Broken or ripped tarps will be promptly replaced.

All stockpile activities will be compliant with applicable laws and regulations. Soil stockpile areas will be appropriately graded to control run-off in accordance with applicable laws and regulations. Stockpiles of excavated soils and other materials shall be located at least of 50 feet from the property boundaries, where possible. Hay bales or equivalent will surround soil stockpiles except for areas where access by equipment is required. Silt fencing and hay bales will be used as needed near catch basins, surface waters, and other discharge points.

## **Characterization of Excavated Materials**

Soil/fill or other excavated media that is transported off-Site for disposal will be sampled in a manner required by the receiving facility, and in compliance with applicable laws and regulations. Excavated soil will only be reused on-site with prior approval by OER.

## **Materials Excavation, Load-Out and Departure**

The PE/QEP overseeing the remedial action will:

- oversee intrusive work and the excavation and load-out of excavated material;
- ensure that there is a party responsible for the safe execution of invasive and other work performed under this management plan;
- ensure that Site maintenance activities and maintenance-related grading cuts will not interfere with, or otherwise impair or compromise the remedial measures established during the remediation construction phase;
- ensure that the presence of utilities and easements on the Site has been investigated and that any identified risks from work proposed under this plan are properly addressed by appropriate parties;
- ensure that all loaded outbound trucks are inspected and cleaned if necessary before leaving the Site;
- ensure that all egress points for truck and equipment transport from the Site will be kept clean of Site-derived materials during Site intrusive work.

Locations where vehicles exit the Site shall be inspected daily for evidence of soil tracking off premises. Cleaning of the adjacent streets will be performed as needed to maintain a clean condition with respect to Site-derived materials.

## **Off-Site Materials Transport**

Loaded vehicles leaving the Site will comply with all applicable materials transportation requirements (including appropriate covering, manifests, and placards) in accordance with applicable laws and regulations, including use of licensed haulers in accordance

with 6 NYCRR Part 364. If loads contain wet material capable of causing leakage from trucks, truck liners will be used. Queuing of trucks will be performed on-Site, when possible in order to minimize off Site disturbance.

Outbound truck transport routes are shown on Figure 8. This routing takes into account the following factors: (a) limiting transport through residential areas and past sensitive sites; (b) use of mapped truck routes; (c) minimizing off-Site queuing of trucks entering the facility; (d) limiting total distance to major highways; (e) promoting safety in access to highways; and (f) overall safety in transport. To the extent possible, all trucks loaded with Site materials will travel from the Site using these truck routes. Trucks will not stop or idle in the neighborhood after leaving the project Site.

### **Materials Disposal Off-Site**

The following documentation will be established and reported by the PE/QEP for each disposal destination used in this project to document that the disposal of regulated material exported from the Site conforms with applicable laws and regulations: (1) a letter from the PE/QEP or Enrollee to each disposal facility describing the material to be disposed and requesting written acceptance of the material. This letter will state that material to be disposed is regulated material generated at an environmental remediation Site in Brooklyn, New York under a governmental remediation program. The letter will provide the project identity and the name and phone number of the PE/QEP or Enrollee. The letter will include as an attachment a summary of all chemical data for the material being transported; and (2) a letter from each disposal facility stating it is in receipt of the correspondence (1, above) and is approved to accept the material.

Documentation associated with disposal of all material will include records and approvals for receipt of the material. All impacted soil/fill or other waste excavated and removed from the Site will be managed as regulated material and will be disposed in accordance with applicable laws and regulations. Historic fill and contaminated soils taken off-Site will be handled as solid waste and will not be disposed at a Part 360-16 Registration Facility (also known as a Soil Recycling Facility).

Waste characterization will be performed for off-Site disposal in a manner required by the receiving facility and in conformance with its applicable permits. Waste characterization sampling and analytical methods, sampling frequency, analytical results and QA/QC will be retained and included in the following Inspection and Certification Report. A manifest system for off-Site transportation of exported materials will be employed. Hazardous wastes derived from on-Site will be stored, transported, and disposed of in compliance with applicable laws and regulations.

### **Materials Reuse On-Site**

All of the soil excavated during any future repair or construction purposes will be placed in the same excavation it was derived from or will be disposed of off-site unless otherwise approved by OER beforehand.

### **Repair of Remedial Systems**

After completion of invasive work, any damage of the engineering controls (composite cover system, vapor barrier, etc.) will be restored to the original condition established during initial construction.

### **Import of Backfill Soil from Off-Site Sources**

In the event that soil importation is needed for the backfilling purposes, this Section presents the requirements for imported fill materials. All imported soils will meet OER-approved backfill and cover soil quality objectives for this Site. The backfill and cover soil quality objectives including NYSDEC Part 375 Track 2 Residential SCOs and groundwater protections standards. A process will be established to evaluate sources of backfill and cover soil to be imported to the Site, and will include an examination of source location, current and historical use(s), and any applicable documentation. Material from industrial sites, spill sites, environmental remediation sites or other potentially contaminated sites will not be imported to the Site.

The following potential sources may be used pending attainment of backfill and cover soil quality objectives:

- Clean soil from construction projects at non-industrial sites in compliance with applicable laws and regulations;
- Clean soil from roadway or other transportation-related projects in compliance with applicable laws and regulations;
- Clean recycled concrete aggregate (RCA) from facilities permitted or registered by the regulations of NYS DEC; and
- Virgin quarried material or other materials with an approved Beneficial Use Determination (BUD) from NYSDEC for reuse as clean fill.

All materials received for import to the Site will be approved by a PE/QEP and will be in compliance with provisions in this SMP. The Inspection and Certification Report will report the source of the fill, evidence that an inspection was performed on the source, chemical sampling results, frequency of testing, and a Site map indicating the locations where backfill or soil cover was placed.

### **Source Screening and Testing**

Inspection of imported fill material will include visual, olfactory, and PID screening for evidence of contamination. Materials imported to the Site will be subject to inspection, as follows:

- Trucks with imported fill material will be in compliance with applicable laws and regulations and will enter the Site at designated locations;
- The PE/QEP is responsible to ensure that every truck load of imported material is inspected for evidence of contamination; and
- Fill material will be free of solid waste including pavement materials, debris, stumps, roots, and other organic matter, as well as ashes, oil, perishables or foreign matter.

Composite samples of imported material from the identified clean soil sources will be taken at a minimum frequency of one sample for every 500 cubic yards of material. One

composite sample will be collected from each source of virgin quarried material or other material with an NYSDEC approved BUD, unless otherwise approved by OER. Once it is determined that the fill material meets imported backfill or cover soil chemical requirements and is non-hazardous, and lacks petroleum contamination, the material will be loaded onto trucks for delivery to the Site.

Recycled concrete aggregate (RCA) may be imported from facilities permitted or registered by NYSDEC. A PE/QEP is responsible to ensure that the facility is compliant with 6NYCRR Part 360 registration and permitting requirements for the period of acquisition of RCA. RCA imported from compliant facilities will not require additional testing, unless required by NYSDEC under its terms for operation of the facility. RCA imported to the Site must be derived from recognizable and uncontaminated concrete. RCA will not be used as cover material.

### **Fluids Management**

All liquids to be removed from the Site, including dewatering fluids, will be handled, transported, and disposed in accordance with applicable laws and regulations. Liquids discharged into the New York City sewer system will receive prior approval by New York City Department of Environmental Protection (NYC DEP). The NYC DEP regulates discharges to the New York City sewers under Title 15, Rules of the City of New York Chapter 19. If discharge to the City sewer system is not appropriate, the dewatering fluids will be managed by transportation and disposal at an off-Site treatment facility. Discharge of water generated during remedial construction to surface waters (i.e. a stream or river) is prohibited without a SPDES permit issued by NYSDEC.

### **Storm-water Pollution Prevention**

Applicable laws and regulations pertaining to storm-water pollution prevention will be addressed during the remedial program. All existing storm water systems will be inspected to ensure proper operation.

### **Odor Control**

All necessary means will be employed to prevent on- and off-Site odor nuisances. At a minimum, procedures will include: (a) limiting the area of open excavations; (b) shrouding open excavations with tarps and other covers; and (c) use of foams to cover exposed odorous soils. If odors develop and cannot otherwise be controlled, additional means to eliminate odor nuisances will include: (d) direct load-out of soils to trucks for off-Site disposal; and (e) use of chemical odorants in spray or misting systems.

This odor control plan is capable of controlling emissions of nuisance odors. If nuisance odors are identified, work will be halted and the source of odors will be identified and corrected. Work will not resume until all nuisance odors have been abated. OER will be notified of all odor complaint events. Implementation of all odor controls, including halt of work, will be the responsibility of the PE/QEPs.

### **Dust Control**

Dust management during invasive on-Site work will include, at a minimum:

- Use of a dedicated water spray methodology for roads, excavation areas and stockpiles.
- Use of properly anchored tarps to cover stockpiles.
- Exercise extra care during dry and high-wind periods.
- Use of gravel or recycled concrete aggregate on egress and other roadways to provide a clean and dust-free road surface.

If nuisance dust emissions are identified, work will be halted and the source of dusts will be identified and corrected. Work will not resume until all nuisance dust emissions have been abated. OER will be notified of all dust complaint events. Implementation of all dust controls, including halt of work, will be the responsibility of the PE/QEPs.

### **Noise**

Noise control will be exercised during the remedial program. All remedial work will conform, at a minimum, to NYC noise control standards.

## **COMMUNITY AIR MONITORING PLAN**

Real-time air monitoring for volatile organic compounds (VOCs) and particulate levels at the perimeter of the exclusion zone or work area will be performed. Continuous monitoring will be performed for all ground intrusive activities and during the handling of contaminated or potentially contaminated media. Ground intrusive activities include, but are not limited to, soil/waste excavation and handling, test pit excavation or trenching, and the installation of soil borings or monitoring wells.

Periodic monitoring for VOCs will be performed during non-intrusive activities such as the collection of soil and sediment samples or the collection of groundwater samples from existing monitoring wells. Periodic monitoring during sample collection, for instance, will consist of taking a reading upon arrival at a sample location, monitoring while opening a well cap or overturning soil, monitoring during well baling/purging, and taking a reading prior to leaving a sample location. Depending upon the proximity of potentially exposed individuals, continuous monitoring may be performed during sampling activities. Examples of such situations include groundwater sampling at wells on the curb of a busy urban street, in the midst of a public park, or adjacent to a school or residence. Exceedences of action levels observed during performance of the Community Air Monitoring Plan (CAMP) will be reported to the OER Project Manager and included in the Daily Report.

### **VOC Monitoring, Response Levels, and Actions**

Volatile organic compounds (VOCs) will be monitored at the downwind perimeter of the immediate work area (i.e., the exclusion zone) on a continuous basis during invasive work. Upwind concentrations will be measured at the start of each workday and periodically thereafter to establish background conditions. The monitoring work will be performed using equipment appropriate to measure the types of contaminants known or suspected to be present. The equipment will be calibrated at least daily for the contaminant(s) of concern or for an appropriate surrogate. The equipment will be capable

of calculating 15-minute running average concentrations, which will be compared to the levels specified below.

- If the ambient air concentration of total organic vapors at the downwind perimeter of the work area or exclusion zone exceeds 5 parts per million (ppm) above background for the 15-minute average, work activities will be temporarily halted and monitoring continued. If the total organic vapor level readily decreases (per instantaneous readings) below 5 ppm over background, work activities will resume with continued monitoring.
- If total organic vapor levels at the downwind perimeter of the work area or exclusion zone persist at levels in excess of 5 ppm over background but less than 25 ppm, work activities will be halted, the source of vapors identified, corrective actions taken to abate emissions, and monitoring continued. After these steps, work activities will resume provided that the total organic vapor level 200 feet downwind of the exclusion zone or half the distance to the nearest potential receptor or residential/commercial structure, whichever is less - but in no case less than 20 feet, is below 5 ppm over background for the 15-minute average.
- If the organic vapor level is above 25 ppm at the perimeter of the work area, activities will be shutdown.

All 15-minute readings must be recorded and be available for OER personnel to review. Instantaneous readings, if any, used for decision purposes will also be recorded.

### **Particulate Monitoring, Response Levels, and Actions**

Particulate concentrations will be monitored continuously at the upwind and downwind perimeters of the exclusion zone at temporary particulate monitoring stations. The particulate monitoring will be performed using real-time monitoring equipment capable of measuring particulate matter less than 10 micrometers in size (PM-10) and capable of integrating over a period of 15 minutes (or less) for comparison to the airborne particulate action level. The equipment will be equipped with an audible alarm to indicate exceedance of the action level. In addition, fugitive dust migration should be visually assessed during all work activities.

- If the downwind PM-10 particulate level is 100 micrograms per cubic meter ( $\text{mcg}/\text{m}^3$ ) greater than background (upwind perimeter) for the 15-minute period or if airborne dust is observed leaving the work area, then dust suppression techniques will be employed. Work will continue with dust suppression techniques provided that downwind PM-10 particulate levels do not exceed  $150 \text{ mcg}/\text{m}^3$  above the upwind level and provided that no visible dust is migrating from the work area.
- If, after implementation of dust suppression techniques, downwind PM-10 particulate levels are greater than  $150 \text{ mcg}/\text{m}^3$  above the upwind level, work will be stopped and a re-evaluation of activities initiated. Work will resume provided that dust suppression measures and other controls are successful in reducing the downwind PM-10 particulate concentration to within  $150 \text{ mcg}/\text{m}^3$  of the upwind level and in preventing visible dust migration.

All readings will be recorded and be available for OER personnel to review.

## **CONTINGENCY PLAN**

This contingency plan is developed for the remedial construction or repair work to address the discovery of unknown structures or contaminated media during excavation. Identification of unknown contamination source areas during invasive Site work will be promptly communicated to OER's Project Manager. Petroleum spills will be reported to the NYS DEC Spill Hotline. If previously unidentified contaminant sources are found during on-Site remedial excavation or development-related excavation, sampling will be performed on contaminated source material and surrounding soils and reported to OER. Chemical analytical testing will be performed for TAL metals, TCL volatiles and semi-volatiles, TCL pesticides and PCBs, as appropriate.

### **Emergency Telephone Numbers**

In the event of any emergency condition pertaining to these remedial systems, the Owner's representative(s) should contact the appropriate parties from the contact list below. Prompt contact should also be made to Mark E. Robbins. These emergency contact lists must be maintained in an easily accessible location at the Site.

#### **Emergency Contact Numbers**

Medical, Fire, and Police:	911
One Call Center: 3 day notice required for utility mark out	(800) 272-4480
Poison Control Center:	(800) 222-1222
Pollution Toxic Chemical Oil Spills:	(800) 424-8802
NYSDEC Spills Hotline	(800) 457-7362

#### **Contact Numbers**

Mark E. Robbins	(631) 462-5866
Office of Environmental Remediation	(212) 788-8841; 311

## 8.0 SUSTAINABILITY REPORT

This Remedial Action Work Plan provides for sustainable remediation and redevelopment (if applicable) through a variety of means that are defined in this Sustainability Report.

**Reuse of Clean, Recyclable Materials.** Reuse of clean, recyclable materials reduces consumption of non-renewable virgin resources and can provide energy savings and greenhouse gas reduction since these materials can be locally-derived.

An estimate of the tonnage of recycled material reused on this project is 30 tons of RCA and 115 tons of onsite soil.

**Conservation of Non-Renewable Resources.** Reduced consumption of non-renewable resources such as soil and top-soil lowers the overall environmental impact of the project on the region by conserving these resources.

Conservation of non-renewable resources was achieved by using RCA and existing onsite soil. An estimate of the tonnage of non-renewable resources, the use of which were avoided under this plan, is 145 tons.

**Reduced Energy Consumption and Promotion of Greater Energy Efficiency.** Reduced energy consumption lowers greenhouse gas emissions, improves local air quality, lessens in-city power generation requirements, can lower traffic congestion, and provides substantial cost savings.

**Conversion to Clean Fuels.** Use of clean fuel improves NYC's air quality by reducing harmful emissions.

**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.

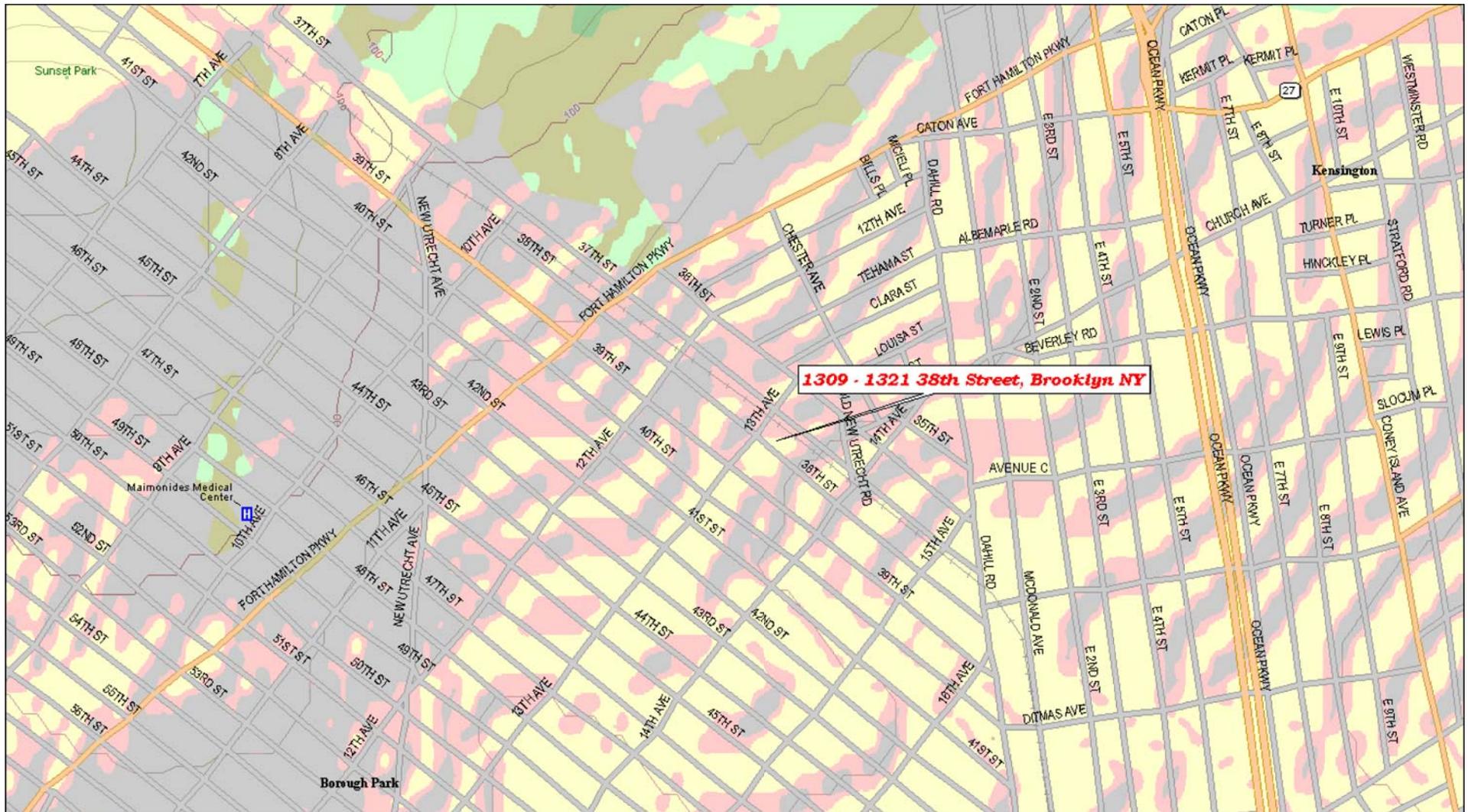
## **FIGURES**

**1309-1321 38TH STREET BROOKLYN, NEW YORK**

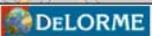
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**Remedial Action Report**

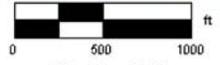
**APRIL 2015**



**1309 - 1321 38th Street, Brooklyn NY**



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 Brooklyn, NY.  
 HTE Job# 110171

Drawn By: C.Q  
 Reviewed By: M.R  
 Approved By: M.S  
 Date: 03/05/12  
 Scale: AS NOTED

TITLE:

FIGURE 1: SITE LOCATION MAP

ADJACENT  
PARKING AREA



ADJACENT 3-STORY  
RESIDENTIAL/ COMMERCIAL

ADJACENT 1-STORY  
COMMERCIAL

SIDEWALK

38th STREET

ADJACENT 4-STORY  
COMMERCIAL



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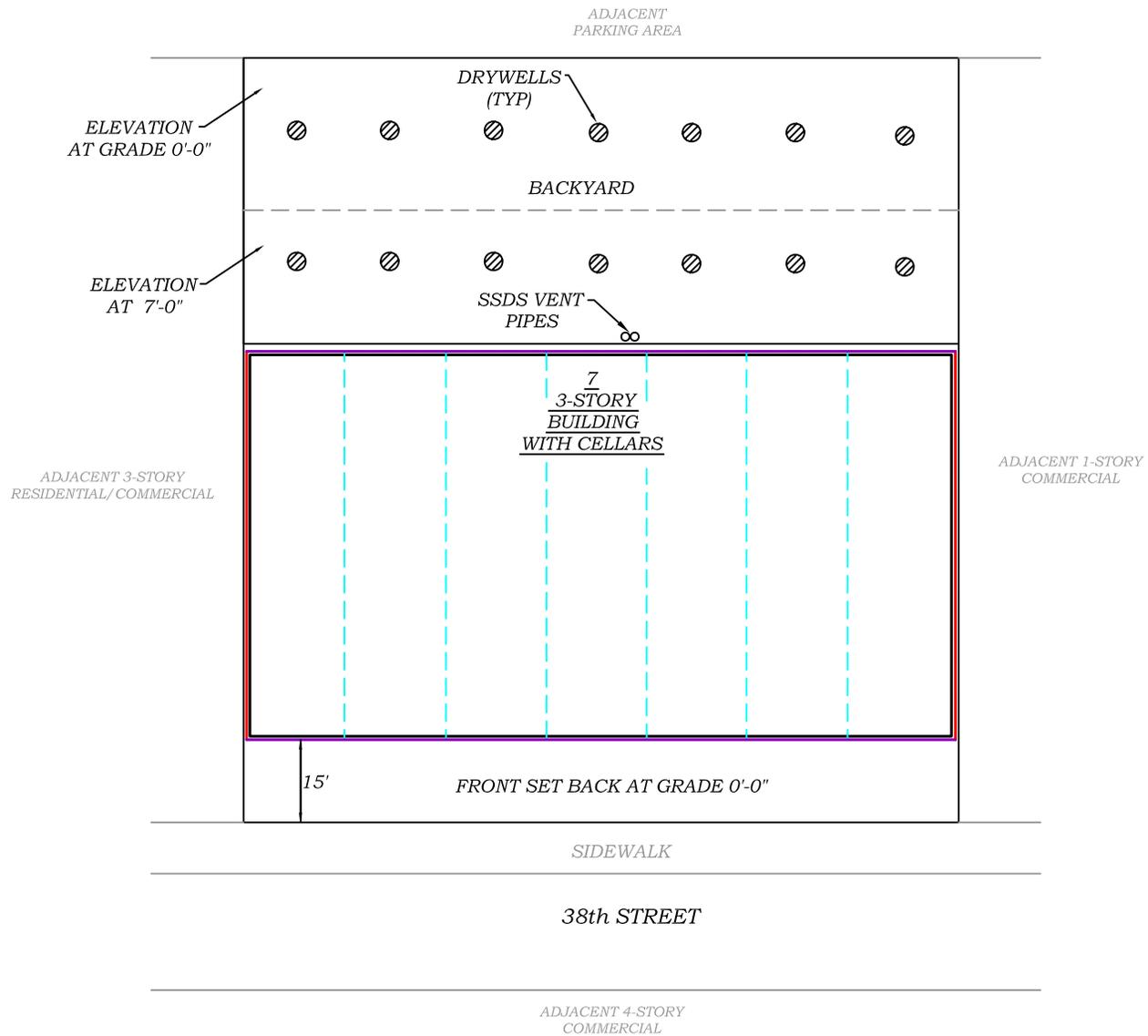
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FIGURE 2: SITE BOUNDARY MAP



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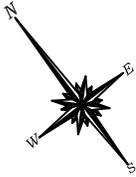
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FIGURE 3: DEVELOPMENT PLAN



ADJACENT  
PARKING AREA

ADJACENT 3-STORY  
RESIDENTIAL/COMMERCIAL

ADJACENT 1-STORY  
COMMERCIAL

**WC-1**

**WC-2**

**WC-3**

**WC-4**

**WC-6**

**WC-5**

SIDEWALK

38th STREET

ADJACENT 4-STORY  
COMMERCIAL



LEGEND:



PROPOSED END POINT SAMPLE LOCATION (EP)



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FIGURE 4: MAP OF EXCAVATION



**LEGEND:**

PROPOSED END POINT SAMPLE LOCATION (EP)



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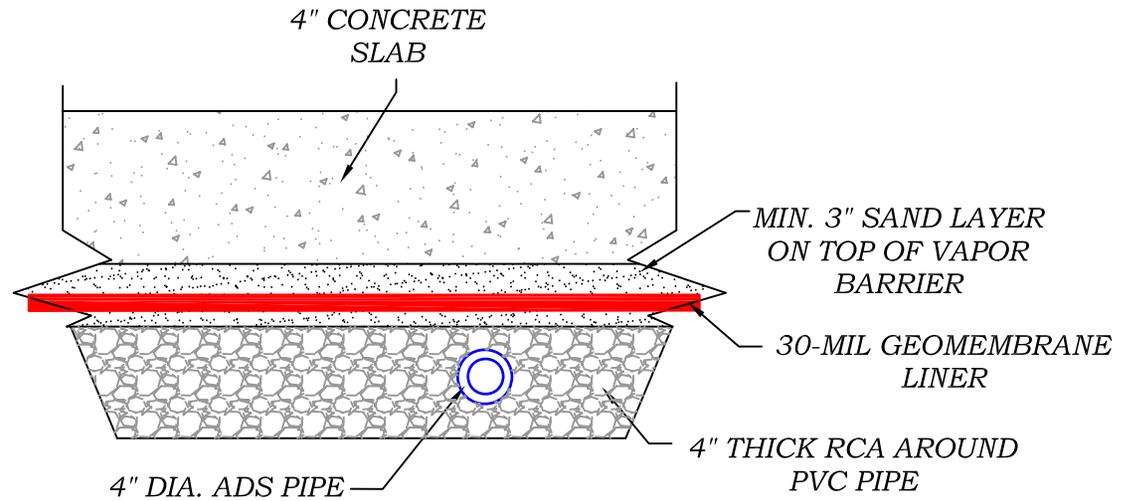
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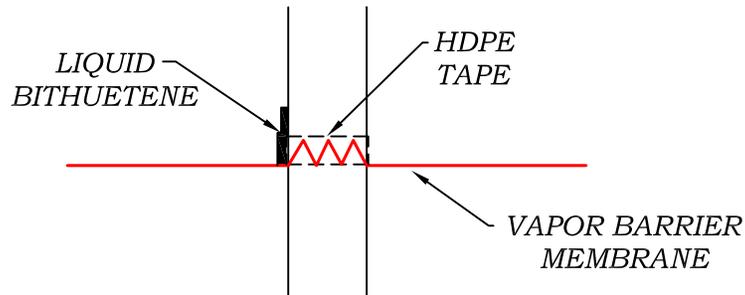
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**TITLE:**

**FIGURE 5: ENDPOINT SAMPLING PLAN**



**CROSS SECTION OF UNDERGROUND SSD PIPE**



**SECTION PIPE TO SLAB PENETRATIONS**



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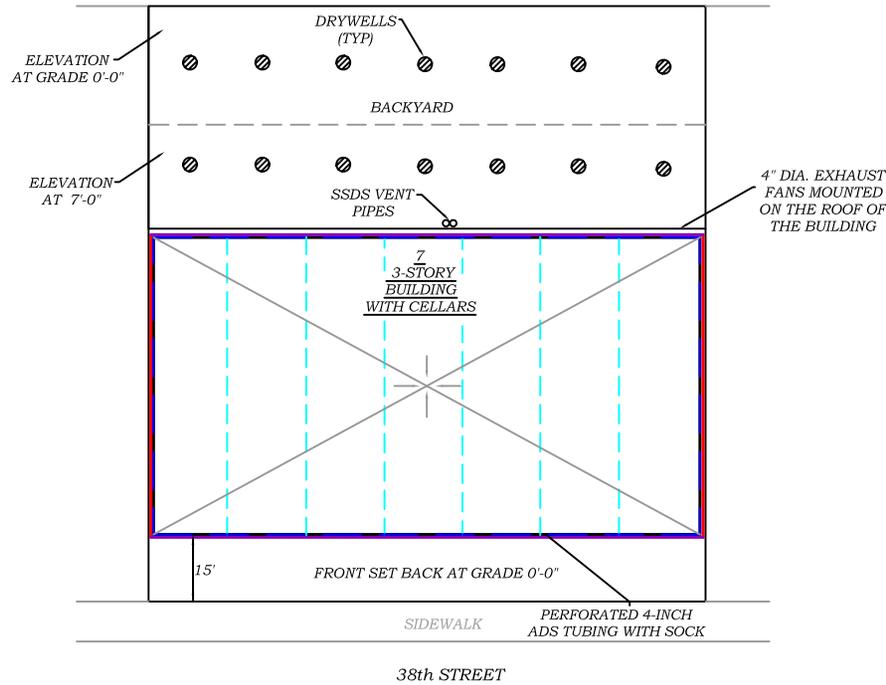
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Date: 03/23/15  
Scale: AS NOTED

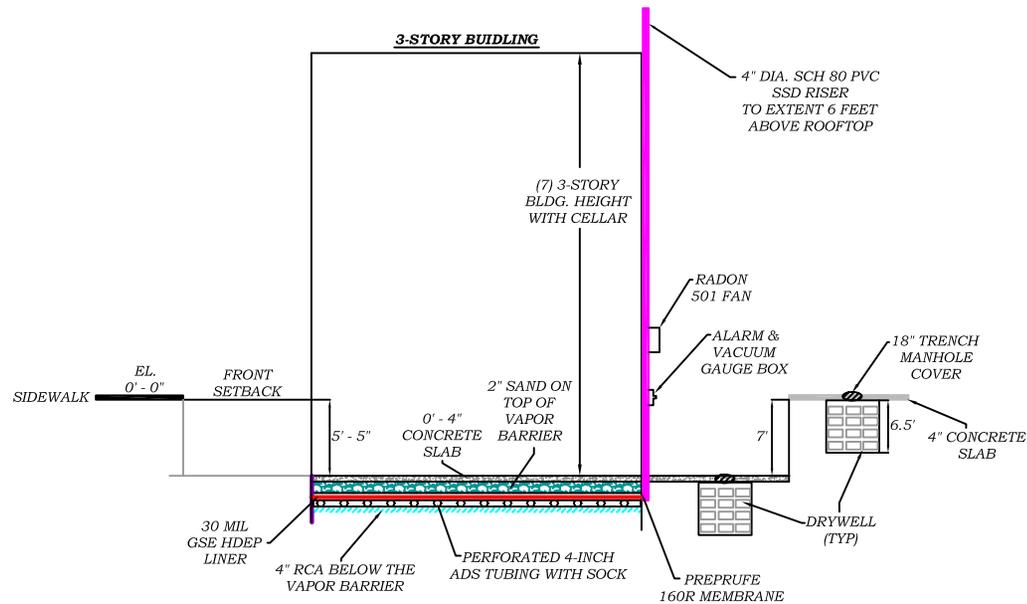
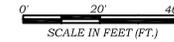
TITLE:

FIGURE 6: SCHEMATIC VIEW OF SECTION DETAILS / AS BUILT DESIGN DETAIL FOR COMPOSITE COVER



**LEGEND:**

- PROPERTY LINE
- BUILDING BOUNDARIES
- 30 MIL GSE HDPE LINER
- SUB-SLAB DEPRESSURIZATION SYSTEM
- 32 MIL PREPRUFE 160R



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TITLE:

FIGURE 7: AS-BUILT DESIGN DETAIL FOR SSDS

# **TABLES**

**1309-1321 38TH STREET BROOKLYN, NEW YORK**

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**Remedial Action Report**

**APRIL 2015**

**Table 1**  
**Groundwater Samples Analytical Results for VOCs**  
**1309 38th Street, Brooklyn, NY**

SampleID	MW-1		MW-2		NYSDEC TOGS Standards and Guidance Values - GA
	7/9/2013		7/9/2013		
ClientMatrix	Water		Water		ug/L
Compound	Result		Result		
Units	ug/L	Q	ug/L	Q	ug/L
1,1,1,2-Tetrachloroethane	<2.5	U	<2.5	U	5
1,1,1-Trichloroethane	<2.5	U	<2.5	U	5
1,1,2,2-Tetrachloroethane	<2.5	U	<2.5	U	5
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	<2.5	U	<2.5	U	5
1,1,2-Trichloroethane	<2.5	U	<2.5	U	1
1,1-Dichloroethane	<2.5	U	<2.5	U	5
1,1-Dichloroethylene	<2.5	U	<2.5	U	5
1,1-Dichloropropylene	<2.5	U	<2.5	U	5
1,2,3-Trichlorobenzene	<2.5	U	<2.5	U	5
1,2,3-Trichloropropane	<2.5	U	<2.5	U	0.04
1,2,4-Trichlorobenzene	<2.5	U	<2.5	U	5
1,2,4-Trimethylbenzene	<2.5	U	<2.5	U	5
1,2-Dibromo-3-chloropropane	<2.5	U	<2.5	U	0.04
1,2-Dibromoethane	<2.5	U	<2.5	U	5
1,2-Dichlorobenzene	<2.5	U	<2.5	U	3
1,2-Dichloroethane	<2.5	U	<2.5	U	0.6
1,2-Dichloropropane	<2.5	U	<2.5	U	1
1,3,5-Trimethylbenzene	<2.5	U	<2.5	U	5
1,3-Dichlorobenzene	<2.5	U	<2.5	U	3
1,3-Dichloropropane	<2.5	U	<2.5	U	5
1,4-Dichlorobenzene	<2.5	U	<2.5	U	3
2,2-Dichloropropane	<2.5	U	<2.5	U	5
2-Butanone	<2.5	U	<2.5	U	50
2-Chlorotoluene	<2.5	U	<2.5	U	5
4-Chlorotoluene	<2.5	U	<2.5	U	5
Acetone	3.2	J,B	3.4	J,B	50
Benzene	<2.5	U	<2.5	U	1
Bromobenzene	<2.5	U	<2.5	U	5
Bromochloromethane	<2.5	U	<2.5	U	5
Bromodichloromethane	<2.5	U	<2.5	U	50
Bromoform	<2.5	U	<2.5	U	50
Bromomethane	<2.5	U	<2.5	U	5
Carbon tetrachloride	<2.5	U	<2.5	U	5
Chlorobenzene	<2.5	U	<2.5	U	5
Chloroethane	<2.5	U	<2.5	U	5
Chloroform	8.7		8.5		7
Chloromethane	<2.5	U	<2.5	U	5
cis-1,2-Dichloroethylene	<2.5	U	<2.5	U	5
cis-1,3-Dichloropropylene	<2.5	U	<2.5	U	0.4
Dibromochloromethane	<2.5	U	<2.5	U	50
Dibromomethane	<2.5	U	<2.5	U	NS
Dichlorodifluoromethane	<2.5	U	<2.5	U	5
Ethyl Benzene	<2.5	U	<2.5	U	5
Hexachlorobutadiene	<2.5	U	<2.5	U	0.5
Isopropylbenzene	<2.5	U	<2.5	U	5
Methyl tert-butyl ether (MTBE)	<2.5	U	<2.5	U	10
Methylene chloride	<2.5	U	<2.5	U	5
n-Butylbenzene	<2.5	U	<2.5	U	5
n-Propylbenzene	<2.5	U	<2.5	U	5
Naphthalene	<2.5	U	<2.5	U	10
o-Xylene	<2.5	U	<2.5	U	5
p- & m- Xylenes	<5.0	U	<5.0	U	5
p-Isopropyltoluene	<2.5	U	<2.5	U	5
sec-Butylbenzene	<2.5	U	<2.5	U	5
Styrene	<2.5	U	<2.5	U	5
tert-Butylbenzene	<2.5	U	<2.5	U	5
Tetrachloroethylene	<2.5	U	<2.5	U	5
Toluene	<2.5	U	<2.5	U	5
trans-1,2-Dichloroethylene	<2.5	U	<2.5	U	5
trans-1,3-Dichloropropylene	<2.5	U	<2.5	U	0.4
Trichloroethylene	<2.5	U	<2.5	U	5
Trichlorofluoromethane	<2.5	U	<2.5	U	5
Vinyl acetate	<2.5	U	<2.5	U	NS
Vinyl Chloride	<2.5	U	<2.5	U	2
Total VOC's	11.9		11.9		NS

**NOTES:**

Any Regulatory Exceedences are color coded by Regulation

**Q is the Qualifier Column with definitions as follows:**

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

B=analyte found in the analysis batch blank

U=analyte not detected at or above the level indicated

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

  = sample exceeds NYSDEC TOGS Standards and Guidance Values - GA

**Table 1 7c bll**  
**Groundwater Samples Analytical Results for SVOCs**  
**1309 38th Street, Brooklyn, NY**

SampleID	MW-1		MW-2		NYSDEC TOGS Standards and Guidance Values - GA
	7/9/2013		7/9/2013		
ClientMatrix	Water		Water		ug/L
Compound	Result		Result		
Units	ug/L	Q	ug/L	Q	ug/L
1,2,4-Trichlorobenzene	<2.47	U	<2.67	U	5
1,2-Dichlorobenzene	<2.49	U	<2.69	U	3
1,3-Dichlorobenzene	<2.61	U	<2.82	U	3
1,4-Dichlorobenzene	<2.21	U	<2.39	U	3
2,4,5-Trichlorophenol	<1.91	U	<2.06	U	1
2,4,6-Trichlorophenol	<1.75	U	<1.89	U	1
2,4-Dichlorophenol	<1.89	U	<2.04	U	5
2,4-Dimethylphenol	<1.60	U	<1.73	U	50
2,4-Dinitrophenol	<2.25	U	<2.43	U	10
2,4-Dinitrotoluene	<1.61	U	<1.74	U	5
2,6-Dinitrotoluene	<1.61	U	<1.74	U	5
2-Chloronaphthalene	<2.20	U	<2.38	U	10
2-Chlorophenol	<1.79	U	<1.94	U	1
2-Methylnaphthalene	<2.76	U	<2.98	U	NS
2-Methylphenol	<1.16	U	<1.25	U	1
2-Nitroaniline	<1.68	U	<1.82	U	5
2-Nitrophenol	<2.36	U	<2.55	U	1
3,3'-Dichlorobenzidine	<1.27	U	<1.37	U	5
3- & 4-Methylphenols	<1.12	U	<1.21	U	NS
3-Nitroaniline	<1.68	U	<1.82	U	5
4,6-Dinitro-2-methylphenol	<1.62	U	<1.75	U	NS
4-Bromophenyl phenyl ether	<1.33	U	<1.44	U	NS
4-Chloro-3-methylphenol	<1.89	U	<2.04	U	1
4-Chloroaniline	<2.98	U	<3.22	U	5
4-Chlorophenyl phenyl ether	<2.45	U	<2.65	U	NS
4-Nitroaniline	<2.68	U	<2.90	U	5
4-Nitrophenol	<1.66	U	<1.79	U	1
Acenaphthene	<1.77	U	<1.91	U	20
Acenaphthylene	<1.74	U	<1.88	U	NS
Aniline	<1.50	U	<1.62	U	5
Anthracene	<1.19	U	<1.29	U	50
Benzo(a)anthracene	<1.31	U	<1.42	U	0.002
Benzo(a)pyrene	<1.30	U	<1.41	U	0.002
Benzo(b)fluoranthene	<1.41	U	<1.52	U	0.002
Benzo(g,h,i)perylene	<1.71	U	<1.85	U	NS
Benzo(k)fluoranthene	<1.83	U	<1.98	U	0.002
Benzyl alcohol	<1.45	U	<1.57	U	NS
Benzyl butyl phthalate	<0.852	U	<0.921	U	50
Bis(2-chloroethoxy)methane	<1.77	U	<1.91	U	5
Bis(2-chloroethyl)ether	<1.50	U	<1.62	U	1
Bis(2-chloroisopropyl)ether	<2.99	U	<3.23	U	5
Bis(2-ethylhexyl)phthalate	<4.78	U	<5.17	U	5
Chrysene	<1.47	U	<1.59	U	0.002
Di-n-butyl phthalate	<2.05	U	<2.22	U	50
Di-n-octyl phthalate	<1.12	U	<1.21	U	50
Dibenzo(a,h)anthracene	<1.56	U	<1.69	U	NS
Dibenzofuran	<2.41	U	<2.61	U	NS
Diethyl phthalate	<2.56	U	<2.77	U	50
Dimethyl phthalate	<1.91	U	<2.06	U	50
Fluoranthene	<1.24	U	<1.34	U	50
Fluorene	<1.83	U	<1.98	U	50
Hexachlorobenzene	<1.27	U	<1.37	U	0.04
Hexachlorobutadiene	<2.79	U	<3.02	U	0.5
Hexachlorocyclopentadiene	<2.53	U	<2.74	U	5
Hexachloroethane	<3.04	U	<3.29	U	5
Indeno(1,2,3-cd)pyrene	<1.70	U	<1.84	U	0.002
Isophorone	<2.68	U	<2.90	U	50
N-nitroso-di-n-propylamine	<2.56	U	<2.77	U	NS
N-Nitrosodimethylamine	<0.389	U	<0.421	U	NS
N-Nitrosodiphenylamine	<5.00	U	<5.41	U	50
Naphthalene	<1.99	U	<2.15	U	10
Nitrobenzene	<1.69	U	<1.83	U	0.4
Pentachlorophenol	<1.45	U	<1.57	U	1
Phenanthrene	<1.37	U	<1.48	U	50
Phenol	<1.10	U	<1.19	U	1
Pyrene	<1.73	U	<1.87	U	50
Pyridine	<3.91	U	<4.23	U	50
Total SVOC's	ND		ND		NS

**NOTES:**

Any Regulatory Exceedences are color coded by Regulation

**Q is the Qualifier Column with definitions as follows:**

U=analyte not detected at or above the level indicated

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

  = sample exceeds NYSDEC TOGS Standards and Guidance Values - GA

**Table 17c**  
**Groundwater Samples Analytical Results for Pesticides and PCB's**  
**1309 38th Street, Brooklyn, NY**

SampleID	MW-1		MW-2		NYSDEC TOGS Standards and Guidance Values - GA
Sampling Date	7/9/2013		7/9/2013		
ClientMatrix	Water		Water		
Compound	Result		Result		
Units	ug/L	Q	ug/L	Q	ug/L
4,4'-DDD	<0.00111	U	<0.001	U	NS
4,4'-DDE	<0.00111	U	<0.001	U	NS
4,4'-DDT	<0.00111	U	<0.001	U	NS
Aldrin	<0.00111	U	<0.001	U	NS
alpha-BHC	<0.00111	U	<0.001	U	NS
Aroclor 1016	<0.0556	U	<0.05	U	NS
Aroclor 1221	<0.0556	U	<0.05	U	NS
Aroclor 1232	<0.0556	U	<0.05	U	NS
Aroclor 1242	<0.0556	U	<0.05	U	NS
Aroclor 1248	<0.0556	U	<0.05	U	NS
Aroclor 1254	<0.0556	U	<0.05	U	NS
Aroclor 1260	<0.0556	U	<0.05	U	NS
beta-BHC	<0.00111	U	<0.001	U	NS
Chlordane, total	<0.00444	U	<0.004	U	NS
delta-BHC	<0.00111	U	<0.001	U	NS
Dieldrin	<b>0.0106</b>		<b>0.00367</b>		NS
Endosulfan I	<0.00111	U	<0.001	U	NS
Endosulfan II	<0.00111	U	<0.001	U	NS
Endosulfan sulfate	<0.00111	U	<0.001	U	NS
Endrin	<0.00111	U	<0.001	U	NS
Endrin aldehyde	<0.00111	U	<0.001	U	NS
Endrin ketone	<0.00111	U	<0.001	U	NS
gamma-BHC (Lindane)	<0.00111	U	<0.001	U	NS
Heptachlor	<0.00111	U	<0.001	U	NS
Heptachlor epoxide	<0.00111	U	<0.001	U	NS
Methoxychlor	<0.00556	U	<0.005	U	NS
Toxaphene	<0.0556	U	<0.05	U	NS
Total PCBs	<0.0556	U	<0.05	U	0.09

**NOTES:**

Any Regulatory Exceedences are color coded by Regulation

**Q is the Qualifier Column with definitions as follows:**

U=analyte not detected at or above the level indicated

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

= sample exceeds NYSDEC TOGS Standards and Guidance Values - GA

**Table 1 7cbfn**  
**Groundwater Samples Analytical Results for Metals**  
**1309 38th Street, Brooklyn, NY**

SampleID	MW-1		MW-2		NYSDEC TOGS Standards and Guidance Values - GA
Sampling Date	7/9/2013		7/9/2013		
ClientMatrix	Water		Water		
Compound	Result		Result		
Units	ug/L	Q	ug/L	Q	ug/L
Metals, Dissolved - Target Analyte (TAL)					
Aluminum	46		<10	U	NS
Antimony	<5	U	<5	U	3
Arsenic	<4	U	<4	U	25
Barium	116		132		1000
Beryllium	<1	U	<1	U	3
Cadmium	<3	U	<3	U	5
Calcium	65000		77100		NS
Chromium	<5	U	<5	U	50
Cobalt	<5	U	8		NS
Copper	<3	U	<3	U	200
Iron	93		41		NS
Lead	<3	U	3	U	25
Magnesium	34600		43400		35000
Manganese	58		198		300
Mercury	<0.039	U	<0.039	U	0.7
Nickel	<5	U	9		100
Potassium	3770		5600		NS
Selenium	<10	U	<10	U	10
Silver	<5	U	<5	U	50
Sodium	51800		57000		20000
Thallium	<5	U	<5	U	NS
Vanadium	<10	U	<10	U	NS
Zinc	<10	U	<10	U	2000
Metals, Target Analyte					
Aluminum	1710		2250		NS
Antimony	<5	U	<5	U	3
Arsenic	<4	U	<4	U	25
Barium	167		223		1000
Beryllium	<1	U	<1	U	3
Cadmium	<3	U	<3	U	5
Calcium	67800		90300		NS
Chromium	7		10		50
Cobalt	12		30		NS
Copper	15		28		200
Iron	4230		6410		NS
Lead	16		19		25
Magnesium	36800		46800		35000
Manganese	670		773		300
Mercury	<0.2	U	<0.2	U	0.7
Nickel	33		43		100
Potassium	4310		6430		NS
Selenium	<10	U	<10	U	10
Silver	<5	U	<5	U	50
Sodium	50000		55700		20000
Thallium	<5	U	<5	U	NS
Vanadium	<10	U	<10	U	NS
Zinc	47		56		2000

**NOTES:**

Any Regulatory Exceedences are color coded by Regulation

**Q** is the Qualifier Column with definitions as follows:

U=analyte not detected at or above the level indicated

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

**[Grey Box]** = sample exceeds NYSDEC TOGS Standards and Guidance Values - GA

**Table 2**  
**Summary of Endpoint Analytical Results**  
**1309 38th Street, Brooklyn, NY**

SampleID	EP-1	EP-2	EP-3	EP-4	EP-5	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Residential
Sampling Date	8/14/2013	8/14/2013	8/14/2013	8/14/2013	8/14/2013		
Matrix	Soil	Soil	Soil	Soil	Soil		
Units	mg/kg dry	mg/Kg	mg/Kg				
<i>Volatile Organics, 8260 List</i>							
1,1,1,2-Tetrachloroethane	<0.0033	<0.0033	<0.0023	<0.0029	<0.0030	NS	NS
1,1,1-Trichloroethane	<0.0033	<0.0033	<0.0023	<0.0029	<0.0030	0.68	100
1,1,2,2-Tetrachloroethane	<0.0033	<0.0033	<0.0023	<0.0029	<0.0030	NS	NS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	<0.0033	<0.0033	<0.0023	<0.0029	<0.0030	NS	NS
1,1,2-Trichloroethane	<0.0033	<0.0033	<0.0023	<0.0029	<0.0030	NS	NS
1,1-Dichloroethane	<0.0033	<0.0033	<0.0023	<0.0029	<0.0030	0.27	19
1,1-Dichloroethylene	<0.0033	<0.0033	<0.0023	<0.0029	<0.0030	0.33	100
1,1-Dichloropropylene	<0.0033	<0.0033	<0.0023	<0.0029	<0.0030	NS	NS
1,2,3-Trichlorobenzene	<0.0033	<0.0033	<0.0023	<0.0029	<0.0030	NS	NS
1,2,3-Trichloropropane	<0.0033	<0.0033	<0.0023	<0.0029	<0.0030	NS	NS
1,2,4-Trichlorobenzene	<0.0033	<0.0033	<0.0023	<0.0029	<0.0030	NS	NS
1,2,4-Trimethylbenzene	<0.0033	<0.0033	<0.0023	<0.0029	<0.0030	3.6	47
1,2-Dibromo-3-chloropropane	<0.0033	<0.0033	<0.0023	<0.0029	<0.0030	NS	NS
1,2-Dibromoethane	<0.0033	<0.0033	<0.0023	<0.0029	<0.0030	NS	NS
1,2-Dichlorobenzene	<0.0033	<0.0033	<0.0023	<0.0029	<0.0030	1.1	100
1,2-Dichloroethane	<0.0033	<0.0033	<0.0023	<0.0029	<0.0030	0.02	2.3
1,2-Dichloropropane	<0.0033	<0.0033	<0.0023	<0.0029	<0.0030	NS	NS
1,3,5-Trimethylbenzene	<0.0033	<0.0033	<0.0023	<0.0029	<0.0030	8.4	47
1,3-Dichlorobenzene	<0.0033	<0.0033	<0.0023	<0.0029	<0.0030	2.4	17
1,3-Dichloropropane	<0.0033	<0.0033	<0.0023	<0.0029	<0.0030	NS	NS
1,4-Dichlorobenzene	<0.0033	<0.0033	<0.0023	<0.0029	<0.0030	1.8	9.8
1,4-Dioxane	<0.067	<0.065	<0.046	<0.059	<0.060	0.1	9.8
2,2-Dichloropropane	<0.0033	<0.0033	<0.0023	<0.0029	<0.0030	NS	NS
2-Butanone	<0.0033	<0.0033	<0.0023	<0.0029	<0.0030	0.12	100
2-Chlorotoluene	<0.0033	<0.0033	<0.0023	<0.0029	<0.0030	NS	NS
4-Chlorotoluene	<0.0033	<0.0033	<0.0023	<0.0029	<0.0030	NS	NS
Acetone	<0.0033	<0.0033	<0.0023	<0.0029	<b>0.0032</b>	<b>J,B</b>	0.05
Benzene	<0.0033	<0.0033	<0.0023	<0.0029	<0.0030	0.06	2.9
Bromobenzene	<0.0033	<0.0033	<0.0023	<0.0029	<0.0030	NS	NS
Bromochloromethane	<0.0033	<0.0033	<0.0023	<0.0029	<0.0030	NS	NS
Bromodichloromethane	<0.0033	<0.0033	<0.0023	<0.0029	<0.0030	NS	NS
Bromoform	<0.0033	<0.0033	<0.0023	<0.0029	<0.0030	NS	NS
Bromomethane	<0.0033	<0.0033	<0.0023	<0.0029	<0.0030	NS	NS
Carbon tetrachloride	<0.0033	<0.0033	<0.0023	<0.0029	<0.0030	0.76	1.4
Chlorobenzene	<0.0033	<0.0033	<0.0023	<0.0029	<0.0030	1.1	100
Chloroethane	<0.0033	<0.0033	<0.0023	<0.0029	<0.0030	NS	NS
Chloroform	<0.0033	<0.0033	<0.0023	<0.0029	<0.0030	0.37	10
Chloromethane	<0.0033	<0.0033	<0.0023	<0.0029	<0.0030	NS	NS
cis-1,2-Dichloroethylene	<0.0033	<0.0033	<0.0023	<0.0029	<0.0030	0.25	59
cis-1,3-Dichloropropylene	<0.0033	<0.0033	<0.0023	<0.0029	<0.0030	NS	NS
Dibromochloromethane	<0.0033	<0.0033	<0.0023	<0.0029	<0.0030	NS	NS
Dibromomethane	<0.0033	<0.0033	<0.0023	<0.0029	<0.0030	NS	NS
Dichlorodifluoromethane	<0.0033	<0.0033	<0.0023	<0.0029	<0.0030	NS	NS
Ethyl Benzene	<0.0033	<0.0033	<0.0023	<0.0029	<0.0030	1	30
Hexachlorobutadiene	<0.0033	<0.0033	<0.0023	<0.0029	<0.0030	NS	NS
Isopropylbenzene	<0.0033	<0.0033	<0.0023	<0.0029	<0.0030	NS	NS
Methyl tert-butyl ether (MTBE)	<0.0033	<0.0033	<0.0023	<0.0029	<0.0030	0.93	62
Methylene chloride	<0.0033	<0.0033	<0.0023	<0.0029	<0.0030	0.05	51
n-Butylbenzene	<0.0033	<0.0033	<0.0023	<0.0029	<0.0030	12	100
n-Propylbenzene	<0.0033	<0.0033	<0.0023	<0.0029	<0.0030	3.9	100
Naphthalene	<0.0033	<0.0033	<0.0023	<0.0029	<0.0030	12	100
o-Xylene	<0.0033	<0.0033	<0.0023	<0.0029	<0.0030	NS	NS
p- & m- Xylenes	<0.0067	<0.0065	<0.0046	<0.0059	<0.0060	NS	NS
p-Isopropyltoluene	<0.0033	<0.0033	<0.0023	<0.0029	<0.0030	NS	NS
sec-Butylbenzene	<0.0033	<0.0033	<0.0023	<0.0029	<0.0030	11	100
Styrene	<0.0033	<0.0033	<0.0023	<0.0029	<0.0030	NS	NS
tert-Butylbenzene	<0.0033	<0.0033	<0.0023	<0.0029	<0.0030	5.9	100
Tetrachloroethylene	<0.0033	<0.0033	<0.0023	<0.0029	<0.0030	1.3	5.5
Toluene	<0.0033	<0.0033	<0.0023	<0.0029	<0.0030	0.7	100
trans-1,2-Dichloroethylene	<0.0033	<0.0033	<0.0023	<0.0029	<0.0030	0.19	100
trans-1,3-Dichloropropylene	<0.0033	<0.0033	<0.0023	<0.0029	<0.0030	NS	NS
Trichloroethylene	<0.0033	<0.0033	<0.0023	<0.0029	<0.0030	0.47	10
Trichlorofluoromethane	<0.0033	<0.0033	<0.0023	<0.0029	<0.0030	NS	NS
Vinyl acetate	<0.0033	<0.0033	<0.0023	<0.0029	<0.0030	NS	NS
Vinyl Chloride	<0.0033	<0.0033	<0.0023	<0.0029	<0.0030	0.02	0.21
Xylenes, Total	<0.010	<0.0098	<0.0070	<0.0088	<0.0090	0.26	100

Table 2 Con't  
Summary of Endpoint Analytical Results  
1309 38th Street, Brooklyn, NY

SampleID Sampling Date Matrix Units	EP-1 8/14/2013 Soil mg/kg dry	EP-2 8/14/2013 Soil mg/kg dry	EP-3 8/14/2013 Soil mg/kg dry	EP-4 8/14/2013 Soil mg/kg dry	EP-5 8/14/2013 Soil mg/kg dry	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives mg/Kg	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Residential mg/Kg
<i>Semi-Volatiles, 8270 Target List</i>							
1,2,4-Trichlorobenzene	<0.0451	<0.241	<0.0440	<0.0502	<0.210	NS	NS
1,2-Dichlorobenzene	<0.0451	<0.241	<0.0440	<0.0502	<0.210	1.1	100
1,3-Dichlorobenzene	<0.0451	<0.241	<0.0440	<0.0502	<0.210	2.4	17
1,4-Dichlorobenzene	<0.0451	<0.241	<0.0440	<0.0502	<0.210	1.8	9.8
2,4,5-Trichlorophenol	<0.0451	<0.241	<0.0440	<0.0502	<0.210	NS	NS
2,4,6-Trichlorophenol	<0.0451	<0.241	<0.0440	<0.0502	<0.210	NS	NS
2,4-Dichlorophenol	<0.0903	0.482	<0.0880	<0.100	<0.420	NS	NS
2,4-Dimethylphenol	<0.0451	<0.241	<0.0440	<0.0502	<0.210	NS	NS
2,4-Dinitrophenol	<0.180	0.958	<0.175	<0.200	<0.835	NS	NS
2,4-Dinitrotoluene	<0.0903	0.482	<0.0880	<0.100	<0.420	NS	NS
2,6-Dinitrotoluene	<0.0451	<0.241	<0.0440	<0.0502	<0.210	NS	NS
2-Chloronaphthalene	<0.0451	<0.241	<0.0440	<0.0502	<0.210	NS	NS
2-Chlorophenol	<0.0451	<0.241	<0.0440	<0.0502	<0.210	NS	NS
2-Methylnaphthalene	<0.0451	<0.241	<0.0440	<0.0502	<0.210	NS	NS
2-Methylphenol	<0.0903	0.482	<0.0880	<0.100	<0.420	0.33	100
2-Nitroaniline	<0.0451	<0.241	<0.0440	<0.0502	<0.210	NS	NS
2-Nitrophenol	<0.0451	<0.241	<0.0440	<0.0502	<0.210	NS	NS
3,3'-Dichlorobenzidine	<0.180	0.958	<0.175	<0.200	<0.835	NS	NS
3- & 4-Methylphenols	<0.0903	0.482	<0.0880	<0.100	<0.420	NS	NS
3-Nitroaniline	<0.0903	0.482	<0.0880	<0.100	<0.420	NS	NS
4,6-Dinitro-2-methylphenol	<0.0903	0.482	<0.0880	<0.100	<0.420	NS	NS
4-Bromophenyl phenyl ether	<0.0451	<0.241	<0.0440	<0.0502	<0.210	NS	NS
4-Chloro-3-methylphenol	<0.0903	0.482	<0.0880	<0.100	<0.420	NS	NS
4-Chloroaniline	<0.0903	0.482	<0.0880	<0.100	<0.420	NS	NS
4-Chlorophenyl phenyl ether	<0.0451	<0.241	<0.0440	<0.0502	<0.210	NS	NS
4-Nitroaniline	<0.0903	0.482	<0.0880	<0.100	<0.420	NS	NS
4-Nitrophenol	<0.0903	0.482	<0.0880	<0.100	<0.420	NS	NS
Acenaphthene	<0.0451	<0.241	<0.0440	<0.0502	<0.210	20	100
Acenaphthylene	<0.0451	<0.241	<0.0440	<0.0502	<0.210	100	100
Aniline	<0.0451	<0.241	<0.0440	<0.0502	<0.210	NS	NS
Anthracene	<0.0451	<0.241	<0.0440	<0.0502	<0.210	100	100
Benzo(a)anthracene	0.0527 J	<0.241	0.143 J	0.0797 J	0.432 J,D	1	1
Benzo(a)pyrene	0.0735 J	<0.241	0.167 J	0.0825 J	0.427 J,D	1	1
Benzo(b)fluoranthene	0.0699 J	<0.241	0.133 J	0.0717 J	0.388 J,D	1	1
Benzo(g,h,i)perylene	<0.0903	0.482	0.0884 J	<0.100	<0.420	100	100
Benzo(k)fluoranthene	0.0563 J	<0.241	0.153 J	0.0701 J	0.372 J,D	0.8	1
Benzyl alcohol	<0.0903	0.482	<0.0880	<0.100	<0.420	NS	NS
Benzyl butyl phthalate	<0.0451	<0.241	<0.0440	<0.0502	<0.210	NS	NS
Bis(2-chloroethoxy)methane	<0.0451	<0.241	<0.0440	<0.0502	<0.210	NS	NS
Bis(2-chloroethyl)ether	<0.0451	<0.241	<0.0440	<0.0502	<0.210	NS	NS
Bis(2-chloroisopropyl)ether	<0.0451	<0.241	<0.0440	<0.0502	<0.210	NS	NS
Bis(2-ethylhexyl)phthalate	<0.0451	<0.241	<0.0440	<0.0502	0.558 J,D	NS	NS
Chrysene	0.0670 J	<0.241	0.173 J	0.0821 J	0.498 J,D	1	1
Di-n-butyl phthalate	<0.0451	<0.241	<0.0440	<0.0502	<0.210	NS	NS
Di-n-octyl phthalate	<0.0451	<0.241	<0.0440	<0.0502	<0.210	NS	NS
Dibenzo(a,h)anthracene	<0.0451	<0.241	<0.0440	<0.0502	<0.210	0.33	0.33
Dibenzofuran	<0.0451	<0.241	<0.0440	<0.0502	<0.210	7	14
Diethyl phthalate	<0.0451	<0.241	<0.0440	<0.0502	<0.210	NS	NS
Dimethyl phthalate	<0.0451	<0.241	<0.0440	<0.0502	<0.210	NS	NS
Fluoranthene	0.100 J	0.378 J,D	0.320	0.166 J	0.790 J,D	100	100
Fluorene	<0.0451	<0.241	<0.0440	<0.0502	<0.210	30	100
Hexachlorobenzene	<0.0451	<0.241	<0.0440	<0.0502	<0.210	0.33	0.33
Hexachlorobutadiene	<0.0451	<0.241	<0.0440	<0.0502	<0.210	NS	NS
Hexachlorocyclopentadiene	<0.0903	<0.482	<0.0880	0.100	<0.420	NS	NS
Hexachloroethane	<0.0451	<0.241	<0.0440	<0.0502	<0.210	NS	NS
Indeno(1,2,3-cd)pyrene	0.0455 J	<0.241	0.0779 J	<0.0502	0.223 J,D	0.5	0.5
Isophorone	<0.0451	<0.241	<0.0440	<0.0502	<0.210	NS	NS
N-nitroso-di-n-propylamine	<0.0451	<0.241	<0.0440	<0.0502	<0.210	NS	NS
N-Nitrosodimethylamine	<0.0903	<0.482	<0.0880	0.100	<0.420	NS	NS
N-Nitrosodiphenylamine	<0.0451	<0.241	<0.0440	<0.0502	<0.210	NS	NS
Naphthalene	<0.0451	<0.241	<0.0440	<0.0502	<0.210	12	100
Nitrobenzene	<0.0451	<0.241	<0.0440	<0.0502	<0.210	NS	NS
Pentachlorophenol	<0.0903	<0.482	<0.0880	0.100	<0.420	0.8	2.4
Phenanthrene	0.0559 J	0.243 J,D	0.188	0.120 J	0.633 J,D	100	100
Phenol	<0.0451	<0.241	<0.0440	<0.0502	<0.210	0.33	100
Pyrene	0.113 J	0.319 J,D	0.317	0.171 J	1.02 D	100	100
Pyridine	<0.0451	<0.241	<0.0440	<0.0502	<0.210	NS	NS
Total SVOCs	0.634	0.940	1.760	0.843	5.34	NS	NS

Table 2 Con't  
 Summary of Endpoint Analytical Results  
 1309 38th Street, Brooklyn, NY

SampleID	EP-1	EP-2	EP-3	EP-4	EP-5	NYSDEC Part 375	NYSDEC Part 375
Sampling Date	8/14/2013	8/14/2013	8/14/2013	8/14/2013	8/14/2013	Unrestricted Use Soil	Restricted Use Soil
Matrix	Soil	Soil	Soil	Soil	Soil	Cleanup Objectives	Cleanup Objectives-
Units	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/Kg	Residential mg/Kg
<i>Pesticides/PCBs, EPA 8081/8082 List</i>							
4,4'-DDD	<0.00177	<0.00189	<0.00173	<0.00197	<0.00165	0.0033	2.6
4,4'-DDE	<0.00177	<0.00189	<0.00173	<0.00197	<0.00165	0.0033	1.8
4,4'-DDT	<0.00177	<0.00189	<0.00173	<0.00197	<0.00165	0.0033	1.7
Aldrin	<b>0.0185</b> D	<b>0.0728</b> D	<b>0.0400</b> D	<0.00197	<0.00165	0.005	0.019
alpha-BHC	<0.00177	<0.00189	<0.00173	<0.00197	<0.00165	0.02	0.097
Aroclor 1016	<0.0183	<0.0195	<0.0178	<0.0203	<0.0170	NS	NS
Aroclor 1221	<0.0183	<0.0195	<0.0178	<0.0203	<0.0170	NS	NS
Aroclor 1232	<0.0183	<0.0195	<0.0178	<0.0203	<0.0170	NS	NS
Aroclor 1242	<0.0183	<0.0195	<0.0178	<0.0203	<0.0170	NS	NS
Aroclor 1248	<0.0183	<0.0195	<0.0178	<0.0203	<0.0170	NS	NS
Aroclor 1254	<0.0183	<0.0195	<0.0178	<0.0203	<0.0170	NS	NS
Aroclor 1260	<0.0183	<0.0195	<0.0178	<0.0203	<b>0.0689</b>	NS	NS
beta-BHC	<0.00177	<0.00189	<0.00173	<0.00197	<0.00165	0.036	0.072
Chlordane, total	<0.00709	<0.00757	<0.00692	<0.00789	<0.00660	NS	NS
delta-BHC	<0.00177	<0.00189	<0.00173	<0.00197	<0.00165	0.04	100
Dieldrin	<b>0.0180</b> D	<b>0.0354</b> D	<b>0.0280</b> D	<0.00197	<0.00165	0.005	0.039
Endosulfan I	<0.00177	<0.00189	<0.00173	<0.00197	<0.00165	2.4	4.8
Endosulfan II	<0.00177	<0.00189	<0.00173	<0.00197	<0.00165	2.4	4.8
Endosulfan sulfate	<0.00177	<0.00189	<0.00173	<0.00197	<0.00165	2.4	4.8
Endrin	<0.00177	<0.00189	<0.00173	<0.00197	<0.00165	0.014	2.2
Endrin aldehyde	<0.00177	<0.00189	<0.00173	<0.00197	<0.00165	NS	NS
Endrin ketone	<0.00177	<0.00189	<0.00173	<0.00197	<0.00165	NS	NS
gamma-BHC (Lindane)	<0.00177	<0.00189	<0.00173	<0.00197	<0.00165	0.1	0.28
Heptachlor	<0.00177	<0.00189	<0.00173	<0.00197	<0.00165	0.042	0.42
Heptachlor epoxide	<0.00177	<0.00189	<0.00173	<0.00197	<0.00165	NS	NS
Methoxychlor	<0.00887	<0.00946	<0.00865	<0.00986	<0.00825	NS	NS
Total PCBs	<0.00731	<0.00780	<0.00173	<0.00813	<b>0.0689</b>	0.1	1
Toxaphene	<0.0898	<0.0958	<0.0875	<0.0998	<0.0835	NS	NS

Table 2 Con't  
 Summary of Endpoint Analytical Results  
 1309 38th Street, Brooklyn, NY

SampleID Sampling Date Matrix Units	EP-1 8/14/2013 Soil mg/kg dry	EP-2 8/14/2013 Soil mg/kg dry	EP-3 8/14/2013 Soil mg/kg dry	EP-4 8/14/2013 Soil mg/kg dry	EP-5 8/14/2013 Soil mg/kg dry	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives mg/Kg	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Residential mg/Kg
<i>Metals, Target Analyte</i>							
Aluminum	9950	13700	11900	14700	8450	NS	NS
Antimony	<0.537	<0.573	<0.524	<0.598	0.520	NS	NS
Arsenic	5.27	6.73	5.58	7.76	4.32	13	16
Barium	59.0	73.9	66.7	48.1	73.2	350	350
Beryllium	<0.107	<0.115	<0.105	<0.120	<0.100	7.2	14
Cadmium	<0.322	0.847	0.490	<0.359	1.05	2.5	2.5
Calcium	1770	1560	1800	1670	5980	NS	NS
Chromium	18.4	20.1	19.5	18.4	16.0	NS	NS
Cobalt	10.1	10.9	9.79	10.4	7.18	NS	NS
Copper	26.8	38.5	29.8	17.4	30.3	50	270
Iron	17500	22600	19400	23800	14800	NS	NS
Lead	39.9	128	113	28.2	100	63	400
Magnesium	3690	3420	3320	2570	3320	NS	NS
Manganese	358	413	360	315	327	1600	2000
Nickel	34.6	36.4	34.1	15.9	29.3	30	140
Potassium	1470	1320	1350	1110	1280	NS	NS
Selenium	2.16	3.43	2.12	2.35	1.99	3.9	36
Silver	<0.537	<0.573	<0.524	<0.598	<0.500	2	36
Sodium	218 B	202 B	189 B	241 B	221 B	NS	NS
Thallium	<1.07	<1.15	<1.05	<1.20	<1.00	NS	NS
Vanadium	28.1	34.5	28.4	29.7	22.7	NS	NS
Zinc	63.2	175	128	47.2	98.8	109	2200
Mercury	0.0633	0.0846	0.0948	0.0696	40.5	0.18	0.81
Chromium, Trivalent	18.4	20.1	19.5	18.4	16.0	30	36
Chromium, Hexavalent	<0.376	<0.401	<0.367	<0.418	<0.350	1	22

**Table 3**  
**Site Specific Soil Cleanup Objectives**  
**1309 38th Street, Brooklyn, NY**

Contaminant	SCO (ppm)
Total SVOCs	250
Arsenic	23
Copper	270 (Track 2 Restricted Residential SCO)
Lead	400 (Track 2 Restricted Residential SCO)
Nickel	140 (Track 2 Restricted Residential SCO)
Zinc	2200 (Track 2 Restricted Residential SCO)

**Table 4**  
**Site Disposal Quantities and Disposal Facilities**  
**1309 38th Street, Brooklyn, NY**

Shipment Date	Manifest Number	Transporter Name/ Truck Name	License Plate - NJ	Onsite Location	Offsite Disposal Facility	Tonnage
6/24/2013	189687	Shirley Express LLC/5	AN316N	WC-1	Clean Earth of Carteret	28.29
6/24/2013	189690	Shirley Express LLC/5	AN316N	WC-1	Clean Earth of Carteret	29.33
6/24/2013	189689	Shirley Express LLC/9	AM395Z	WC-1	Clean Earth of Carteret	25.68
6/24/2013	189688	Shirley Express LLC/9	AM395Z	WC-1	Clean Earth of Carteret	31.27
6/27/2013	3224771	Shirley Express LLC/2	AP161M	WC-5	Malanka Landfill	28.37
6/27/2013	3224762	Shirley Express LLC/2	AP161M	WC-4	Malanka Landfill	29
6/27/2013	3224772	Shirley Express LLC/4	AN404P	WC-5	Malanka Landfill	29.39
6/27/2013	3224763	Shirley Express LLC/4	AN404P	WC-4	Malanka Landfill	29.8
6/27/2013	3224761	Shirley Express LLC/8	AP645E	WC-4	Malanka Landfill	30.5
6/27/2013	3224765	Shirley Express LLC/5	AN316N	WC-5	Malanka Landfill	29.51
6/27/2013	3224756	Shirley Express LLC/5	AN316N	WC-4	Malanka Landfill	29.27
6/27/2013	3224770	Shirley Express LLC/6	AM110T	WC-5	Malanka Landfill	29.73
6/27/2013	3224764	Shirley Express LLC/6	AM110T	WC-4	Malanka Landfill	27.2
6/27/2013	3224768	Shirley Express LLC/8	AP645E	WC-5	Malanka Landfill	31.36
6/27/2013	3224767	Shirley Express LLC/10	AP600J	WC-5	Malanka Landfill	31.78
6/27/2013	3224760	Shirley Express LLC/10	AP600J	WC-4	Malanka Landfill	29.63
6/27/2013	3224754	LT Associates/20	23713PC	WC-5	Malanka Landfill	24.83
6/27/2013	3224759	LT Associates/20	23713PC	WC-4	Malanka Landfill	24.77
6/27/2013	3224766	Shirley Express LLC/20	AN983X	WC-5	Malanka Landfill	29.37
6/27/2013	3224755	Shirley Express LLC/20	AN983X	WC-4	Malanka Landfill	27.87
6/27/2013	3224773	RLS Transportation/28	AP207R	WC-5	Malanka Landfill	29.77
6/27/2013	3224757	RLS Transportation/28	AP207R	WC-4	Malanka Landfill	29.7
6/27/2013	3224758	LT Associates/30	23714PC	WC-4	Malanka Landfill	25.38
6/27/2013	3224769	LT Associates/30	23714PC	WC-5	Malanka Landfill	24.65
6/28/2013	3224781	Napoli/1	AN754W	WC-5	Malanka Landfill	26.28
6/28/2013	3224775	Arctic/25	AN209T	WC-5	Malanka Landfill	30.16
6/28/2013	3224776	Arctic/10	2322770	WC-5	Malanka Landfill	27.45
6/28/2013	3224777	Arctic/68	AN749Y	WC-5	Malanka Landfill	27.11
6/28/2013	3224779	Citozi Express/2	26227PC	WC-5	Malanka Landfill	27.89
6/28/2013	3224782	C. Fejoo Trucking/78	AJ106H	WC-5	Malanka Landfill	25.66
6/28/2013	3224785	KAS Trucking/2	AN667W	WC-6	Malanka Landfill	25.72
6/28/2013	3224774	Shirley Express/9	AM395Z	WC-5	Malanka Landfill	29.17
6/28/2013	3224778	RLS Transportation/18	AN109E	WC-5	Malanka Landfill	26.33
6/28/2013	3224780	RLS Transportation/28	AP207R	WC-5	Malanka Landfill	25.61
6/28/2013	3224783	Shirley Express LLC/10	AP600J	WC-5	Malanka Landfill	31.63
6/28/2013	3224784	Shirley Express LLC/16	AP160M	WC-5	Malanka Landfill	30.58
6/28/2013	3224786	Shirley Express LLC/20	AN983X	WC-6	Malanka Landfill	30.69
6/28/2013	3224787	Shirley Express LLC/6	AM110T	WC-6	Malanka Landfill	29.39
6/28/2013	3224788	Shirley Express LLC/2	AP161M	WC-6	Malanka Landfill	27.55
6/28/2013	3224789	Shirley Express LLC/5	AN316N	WC-6	Malanka Landfill	29.44
6/28/2013	3224790	RLS Transportation/48	AP174962	WC-6	Malanka Landfill	26.74
6/28/2013	3224791	RLS Transportation/58	AP439P	WC-6	Malanka Landfill	31.15
6/28/2013	3224792	RLS Transportation/38	AN3972	WC-6	Malanka Landfill	28.66
6/28/2013	3224793	Shirley Express LLC/8	AP645E	WC-6	Malanka Landfill	32.55
6/28/2013	3224794	Shirley Express LLC/12	AN396Z	WC-6	Malanka Landfill	31.27
7/1/2013	3224795	RLS Transportation/58	AP439P	WC-4	Malanka Landfill	28.08
7/1/2013	3224796	Shirley Express LLC/20	AN983X	WC-4	Malanka Landfill	28.36
7/1/2013	3224797	Shirley Express LLC/2	AP161M	WC-4	Malanka Landfill	30.28
7/1/2013	3224799	Shirley Express LLC/5	AN316N	WC-4	Malanka Landfill	32.59
7/1/2013	3224798	Shirley Express LLC/6	AM110T	WC-4	Malanka Landfill	30.01
7/1/2013	3224800	RLS Transportation/18	AN109E	WC-4	Malanka Landfill	30.51
7/1/2013	3224801	Shirley Express LLC/10	AP600J	WC-4	Malanka Landfill	35.29
7/1/2013	3224802	Shirley Express LLC/16	AP160M	WC-4	Malanka Landfill	33.66
7/1/2013	3224803	RLS Transportation/28	AP207R	WC-4	Malanka Landfill	28.92
7/1/2013	3224804	RLS Transportation/58	AP993P	WC-4	Malanka Landfill	35.57
7/1/2013	3224805	Shirley Express LLC/20	AN983X	WC-4	Malanka Landfill	34.63
7/1/2013	3224806	Shirley Express LLC/2	AP161M	WC-4	Malanka Landfill	34.04
7/1/2013	3224807	Shirley Express LLC/6	AM110T	WC-4	Malanka Landfill	33.87
7/1/2013	3224808	Shirley Express LLC/5	AN316N	WC-4	Malanka Landfill	32.78
7/1/2013	3224809	RLS Transportation/18	AN109E	WC-4	Malanka Landfill	31.02
7/1/2013	3224810	Shirley Express LLC/10	AP600J	WC-4	Malanka Landfill	32.08
7/1/2013	3224811	Shirley Express LLC/16	AP160M	WC-4	Malanka Landfill	31.74
7/1/2013	3224812	RLS Transportation/28	AP207R	WC-4	Malanka Landfill	27.65
7/2/2013	3241713	RLS Transportation/58	AP993P	WC-4	Malanka Landfill	36.65
7/2/2013	3241714	Jencar Trucking/68	AP812A	WC-4	Malanka Landfill	36.9
7/2/2013	3241715	Jencar Trucking/70	AP552R	WC-4	Malanka Landfill	35.09
7/2/2013	3241716	RLS Transportation/38	AN3972	WC-4	Malanka Landfill	33.69
7/2/2013	3241709	Napoli/8	AP451N	WC-4	Malanka Landfill	35.61
7/2/2013	3241710	CF Brothers/10	AL312C	WC-4	Malanka Landfill	34.48
7/2/2013	3241711	Nickabellas/32	AP619D	WC-4	Malanka Landfill	29.2
7/2/2013	3241712	Napoli/81	AN754W	WC-4	Malanka Landfill	30.98
7/2/2013	3241717	CF Brothers/9	AN656Y	WC-5	Malanka Landfill	33.78
7/2/2013	3241719	Nickabellas/32	AP619D	WC-5	Malanka Landfill	33.16
7/2/2013	3241718	Napoli/81	AN754W	WC-5	Malanka Landfill	32.77
7/2/2013	3241720	Nickabellas/5	AP953P	WC-5	Malanka Landfill	32.57
7/3/2013	3241723	Nickabellas/1	AN381W	WC-5	Malanka Landfill	28.44
7/3/2013	3241724	Nickabellas/32	AP619D	WC-5	Malanka Landfill	29.05
7/3/2013	3241725	Napoli/81	AN754W	WC-5	Malanka Landfill	28.44
7/3/2013	3241727	Nickabellas/5	AP953P	WC-5	Malanka Landfill	34.35
7/3/2013	3241730	Nickabellas/1	AN381W	WC-5	Malanka Landfill	32.62
7/3/2013	3241726	Salazar Trucking/7	AL116A	WC-5	Malanka Landfill	28.87
7/3/2013	3241729	Salazar Trucking/10	AN381D	WC-5	Malanka Landfill	30.49
7/3/2013	3241722	Salazar Trucking/10	AN381D	WC-5	Malanka Landfill	31.22
7/3/2013	3241728	Salazar Trucking/53	AM680T	WC-5	Malanka Landfill	31.87
7/3/2013	3241721	Salazar Trucking/53	AM680T	WC-5	Malanka Landfill	32.07
7/8/2013	3241734	W. Ojeda/2	AM991T	WC-2	Malanka Landfill	25.05
7/8/2013	3241735	W. Ojeda/1	AP307E	WC-2	Malanka Landfill	33.09
7/8/2013	3241736	Moonlight Express/2	AP357L	WC-2	Malanka Landfill	32.7
7/8/2013	3241737	DI Trucking/2	AN786K	WC-2	Malanka Landfill	34.4
7/8/2013	3241738	Castillo/4	AN807S	WC-2	Malanka Landfill	30.32
7/8/2013	3241739	T-Mak/3	AP964K	WC-2	Malanka Landfill	35.12
7/8/2013	3241740	T-Mak/2	AM295T	WC-2	Malanka Landfill	35.65
7/8/2013	3241741	W. Ojeda/2	AM991T	WC-2	Malanka Landfill	32.31
7/8/2013	3241742	W. Ojeda/1	AP307E	WC-2	Malanka Landfill	35.46
7/8/2013	3241743	Moonlight Express/2	AP357L	WC-2	Malanka Landfill	32.05
7/8/2013	3241744	DI Trucking/2	AN786K	WC-2	Malanka Landfill	35.01
7/8/2013	3241745	Castillo/4	AN807S	WC-2	Malanka Landfill	32.39
7/8/2013	3241746	T-Mak/2	AM295T	WC-2	Malanka Landfill	34.13
7/8/2013	3241747	T-Mak/3	AP964K	WC-2	Malanka Landfill	35.38
7/9/2013	189697	RLS Transportation/38	AN3972	WC-3	Clean Earth of Carteret	34.12
7/9/2013	189699	Shirley Express LLC/20	AN983X	WC-3	Clean Earth of Carteret	34.51
7/9/2013	250937	RLS Transportation/58	AP993P	WC-3	Clean Earth of Carteret	31.67
7/9/2013	189700	Shirley Express LLC/4	AN404P	WC-3	Clean Earth of Carteret	35
7/9/2013	189701	RLS Transportation/18	AN109E	WC-3	Clean Earth of Carteret	32.8
7/9/2013	250938	RLS Transportation/38	AN3972	WC-3	Clean Earth of Carteret	37.67
7/9/2013	250939	Shirley Express LLC/4	AN404P	WC-3	Clean Earth of Carteret	37.71
7/9/2013	250940	RLS Transportation/18	AN109E	WC-3	Clean Earth of Carteret	33.37
7/9/2013	250941	RLS Transportation/48	AM496Z	WC-3	Clean Earth of Carteret	31.76
7/9/2013	250942	Shirley Express LLC/2	AP161M	WC-3	Clean Earth of Carteret	35.98
7/10/2013	250943	Castillo/4	AN807S	WC-3	Clean Earth of Carteret	32.05
7/10/2013	250944	Andrades/1	AL718E	WC-3	Clean Earth of Carteret	33
7/10/2013	782380	Granda/17	AP694I	WC-3	Clean Earth of Carteret	32.6
7/10/2013	782385	Andrades/2	AP391B	WC-3	Clean Earth of Carteret	33.47
7/10/2013	782383	SV/16	AN898V	WC-3	Clean Earth of Carteret	32.21
7/10/2013	769971	Castillo/3	AN581J	WC-3	Clean Earth of Carteret	35.28
7/10/2013	782386	T-Mak/2	AM295T	WC-3	Clean Earth of Carteret	35.19
7/10/2013	782387	T-Mak/3	AP964K	WC-3	Clean Earth of Carteret	32.9
7/10/2013	782373	Andrades/1	AL718E	WC-3	Clean Earth of Carteret	36.49
7/10/2013	782374	Andrades/2	AP391B	WC-3	Clean Earth of Carteret	34.65
7/10/2013	782372	Castillo/4	AN807S	WC-3	Clean Earth of Carteret	33.81
7/10/2013	782375	Granda/17	AP694I	WC-3	Clean Earth of Carteret	33.12
7/10/2013	782376	SV/16	AN898V	WC-3	Clean Earth of Carteret	32.67
7/10/2013	782378	Castillo/3	AN581J	WC-3	Clean Earth of Carteret	35.24
7/10/2013	782377	T-Mak/2	AM295T	WC-3	Clean Earth of Carteret	33.33
7/10/2013	782379	T-Mak/3	AP964K	WC-3	Clean Earth of Carteret	36.11
7/10/2013	782381	Andrades/1	AL718E	WC-3	Clean Earth of Carteret	34.13
7/10/2013	782382	Andrades/2	AP391B	WC-3	Clean Earth of Carteret	33.15
7/11/2013	782390	Granda/17	AP694I	WC-3	Clean Earth of Carteret	29.34
7/11/2013	785568	Andrades/1	AL718E	WC-3	Clean Earth of Carteret	31.7
7/11/2013	782388	Andrades/3	AM880C	WC-3	Clean Earth of Carteret	32.7
7/11/2013	782389	Andrades/4	AK201S	WC-3	Clean Earth of Carteret	29.84
7/11/2013	785342	W. Ojeda/1	AP307E	WC-3	Clean Earth of Carteret	32.59
7/11/2013	764335	DI Trucking/2	AN786K	WC-3	Clean Earth of Carteret	33.21
7/11/2013	785343	SV/16	AN898V	WC-3	Clean Earth of Carteret	31.01
7/11/2013	785341	DI Trucking/4	AP191K	WC-3	Clean Earth of Carteret	33.07
7/11/2013	785566	MCB/2	AN639J	WC-3	Clean Earth of Carteret	30.65
7/11/2013	785344	Granda/17	AP694I	WC-3	Clean Earth of Carteret	32.3
7/11/2013	785567	Andrades/1	AL718E	WC-3	Clean Earth of Carteret	35.04
7/11/2013	766208	Andrades/3	AM880C	WC-3	Clean Earth of Carteret	33
7/11/2013	785565	Andrades/4	AK201S	WC-3	Clean Earth of Carteret	30.18
7/11/2013	785345	W. Ojeda/1	AP307E	WC-3	Clean Earth of Carteret	33.31
7/11/2013	785346	DI Trucking/2	AN786K	WC-3	Clean Earth of Carteret	34.18
7/11/2013	785347	SV/16	AN898V	WC-3	Clean Earth of Carteret	31.64
7/11/2013	785348	MCB/2	AN639J	WC-3	Clean Earth of Carteret	33.28
7/11/2013	785543	Andrades/1	AL718E	WC-3	Clean Earth of Carteret	33.18
7/11/2013	785349	Andrades/3	AM880C	WC-3	Clean Earth of Carteret	30.69
7/15/2013	782539	Andrades/2	AP391B	WC-3	Clean Earth of Carteret	32.54
7/15/2013	782542	SV/16	AN898V	WC-3	Clean Earth of Carteret	32.99
7/15/2013	782550	Nickabellas/30	AN548V	WC-3	Clean Earth of Carteret	32.31
7/15/2013	782545	W. Ojeda/1	AP307E	WC-3	Clean Earth of Carteret	34.6
7/15/2013	782547	Moonlight Express/2	AP357L	WC-3	Clean Earth of Carteret	31.38
7/15/2013	782535	MCB/2	AN639J	WC-3	Clean Earth of Carteret	35.19
7/15/2013	782553	Nickabellas/22	AP140C	WC-3	Clean Earth of Carteret	34.4
7/15/2013	782543	Castillo/4	AN807S	WC-3	Clean Earth of Carteret	32.55
7/15/2013	782552	T-Mak/2	AM295T	WC-3	Clean Earth of Carteret	36.35
7/15/2013	784928	T-Mak/3	AP964K	WC-3	Clean Earth of	

**Table 5**  
**Back Fill Quantities and Sources**  
**1309 38th Street, Brooklyn, NY**

Shipment Date	Transporter Name / Truck Name	License Plate - NJ	Tonnage
7/25/2013	Unknown	Unknown	525
5/20/2014	Uriel LLC Trucking/3	AP797X	29.88
5/20/2014	Uriel LLC Trucking/7	AK131X	26.91
5/27/2014	Zapata/61	AL878A	28.73
5/27/2014	Zapata	AL477A	28.58
5/27/2014	Uriel LLC Trucking/777	AK556R	27.51
5/27/2014	Uriel LLC Trucking/3	AP797X	28.66
5/27/2014	Uriel LLC Trucking/7	AK131X	27.92
5/28/2014	Uriel LLC Trucking/3	AP797X	25.57
6/6/2014	Uriel LLC Trucking/777	AK556R	27.07
6/6/2014	Uriel LLC Trucking/3	AP797X	25.39
6/6/2014	Uriel LLC Trucking/7	AK131X	24.06
6/6/2014	Uriel LLC Trucking/12	AR989F	26.16
6/6/2014	Uriel LLC Trucking/23	AR990F	28.17
6/11/2014	Gregory Trucking/14	AP876Y	25.08
6/12/2014	Moonlight Express/2	AP357L	26.84
6/12/2014	Uriel LLC Trucking/7	AK131X	27.58
6/12/2014	Moonlight Express/2	AP357L	28.17
6/13/2014	W. Ojeda/1	AP307E	26.22
6/13/2014	W. Ojeda/2	AM991T	25.51
6/13/2014	W. Ojeda/3	AR175A	26.76
6/13/2014	Uriel LLC Trucking/12	AR989F	26.53
6/13/2014	Uriel LLC Trucking/23	AR990F	26.33
6/16/2014	MCB/3	AP322V	27.2
6/16/2014	J. Granda Trans LLC	AP694F	27.95
6/16/2014	Munoz Trucking	AK201S	27.14
6/18/2014	Uriel LLC Trucking/7	AK131X	27.53
6/18/2014	Salazar Trucking/53	AM680T	29.27
6/18/2014	DSM Trucking/16	AR786B	29.83
6/19/2014	Salazar Trucking/10	AN381D	27.04
6/19/2014	W. Ojeda/3	AR175A	27.29
6/19/2014	W. Ojeda/1	AP307E	28.8

Total: 1370.68

# **APPENDICES**

**1309-1321 38TH STREET BROOKLYN, NEW YORK**

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**Remedial Action Report**

**APRIL 2015**

## Appendix 1: Remedial Investigation Report

**1309-1321 38TH STREET BROOKLYN, NEW YORK**

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**Remedial Action Report**

**APRIL 2015**

**1309-1321 38<sup>TH</sup> STREET**

**BROOKLYN, NEW YORK**

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# **Remedial Investigation Report**

**NYC BCP Site Number: 12CVCP048K**

**Prepared for:**

M&Y Developers, Inc.  
713 Bedford Avenue, Apt: 1  
Brooklyn, New York

**Prepared by:**

Hydro Tech Environmental, Corp.  
15 Ocean Avenue, 2<sup>nd</sup> Floor  
Brooklyn, New York 11225  
718-636-0800

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March 2012

# **REMEDIAL INVESTIGATION REPORT**

## **TABLE OF CONTENTS**

TABLE OF CONTENTS .....	2
LIST OF ACRONYMS .....	6
CERTIFICATION .....	7
EXECUTIVE SUMMARY .....	8
REMEDIAL INVESTIGATION REPORT .....	12
1.0    SITE BACKGROUND.....	12
1.1    SITE LOCATION AND CURRENT USAGE .....	12
1.2    PROPOSED REDEVELOPMENT PLAN .....	12
1.3    DESCRIPTION OF SURROUNDING PROPERTY .....	13
2.0    SITE HISTORY .....	14
2.1    PAST USES AND OWNERSHIP .....	14
2.2    PREVIOUS INVESTIGATIONS .....	14
2.3    SITE INSPECTION.....	14
2.4    AREAS OF CONCERN.....	14
3.0    PROJECT MANAGEMENT.....	16
3.1    PROJECT ORGANIZATION.....	16
3.2    HEALTH AND SAFETY .....	16
3.3    MATERIALS MANAGEMENT .....	16
4.0    REMEDIAL INVESTIGATION ACTIVITIES.....	17
4.1    GEOPHYSICAL INVESTIGATION .....	17
4.2    BORINGS AND MONITORING WELLS.....	17
4.3    SAMPLE COLLECTION AND CHEMICAL ANALYSIS.....	20
5.0    ENVIRONMENTAL EVALUATION.....	25
5.1    GEOLOGICAL AND HYDROGEOLOGICAL CONDITIONS.....	25
5.2    SOIL CHEMISTRY .....	25
5.3    GROUNDWATER CHEMISTRY .....	26
5.4    SOIL VAPOR CHEMISTRY .....	27
5.5    PRIOR ACTIVITY .....	27
5.6    IMPEDIMENTS TO REMEDIAL ACTION .....	27

## **FIGURES**

- Figure-1: Topographic Map
- Figure-2: Site Boundary Map
- Figure-3: Proposed Redevelopment Plan
- Figure-4: Area of Concern Diagram
- Figure-5: Sampling Plan
- Figure-6: Diagram of Pesticides in Soil
- Figure-7: Diagram of VOCs in Soil
- Figure-8: Diagram of SVOCs in Soil
- Figure-9: Diagram of Metals in Soil
- Figure-10: Map of Contamination in Groundwater
- Figure-11: Map of Contamination in Soil Vapor

## **TABLES**

- Table-1: Shallow Soil Organic Samples Analytical Data Summary (showing exceedances of Track 1 and Track 2 SCOs)
- Table-2: Deep Soil Organic Samples Analytical Data Summary (showing exceedances of Track 1 and Track 2 SCOs)
- Table-3: Shallow Soil Inorganic Samples Analytical Data Summary (showing exceedances of Track 1 and Track 2 SCOs)
- Table-4: Deep Soil Inorganic Samples Analytical Data Summary (showing exceedances of Track 1 and Track 2 SCOs)
- Table-5: Groundwater Samples Organic Analytical Data Summary
- Table-6: Groundwater Samples Inorganic Analytical Data Summary
- Table-7: Soil Vapor Analytical Data Summary (showing exceedances of NYS DOH Soil Vapor Intrusion Guidance)
- Table-8: Analytical Methods Summary for All Media

## **APPENDICES**

- Appendix-A: Phase I ESA Report
- Appendix-B: Photographs
- Appendix-C: GPR Report
- Appendix-D: Soil Boring Logs
- Appendix-E: Monitoring Well Construction
- Appendix-F: Laboratory Deliverables for Soil Analytical Data
- Appendix-G: Laboratory Deliverables for Groundwater Analytical Data
- Appendix-H: Laboratory Deliverables for Soil Vapor Analytical Data

## LIST OF ACRONYMS

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

## CERTIFICATION

I, Mark E. Robbins, am a Qualified Environmental Professional, as defined in RCNY § 43-1402(ar). I have primary direct responsibility for implementation of the Remedial Investigation for the 1309-1321 38<sup>th</sup> Street Site, (NYC VCP Site No. 12CVCP048K). I am responsible for the content of this Remedial Investigation Report (RIR), have reviewed its contents and certify that this RIR is accurate to the best of my knowledge and contain all available environmental information and data regarding the property.

---

Qualified Environmental Professional

Date

Signature

## **EXECUTIVE SUMMARY**

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

### **Site Location and Current Usage**

The Site is located at 1309-1321 38<sup>th</sup> Street in Brooklyn, New York and is identified as Block 5300 and Lots 70, 72 and 74 on the New York City Tax Map. Figure 1 shows the Site location. The Site is 21,000-square feet and is bounded by parking area to the north, 38<sup>th</sup> Street to the south, 1-story Jewish school to the east, and multi-story residential and commercial building to the west. A map of the site boundary is shown in Figure 2. Currently, the Site is used for parking lot and auto repair facility and contains two 1-story brick building, a metal shed and an open concrete paved truck parking area.

### **Summary of Proposed Redevelopment Plan**

The proposed future use of the Site will consist of seven (7) 3-story residential buildings with full basements and penthouses. Twenty five percent of the basement will be used as storage and the remainder will be combined with the 1<sup>st</sup> floor to create a duplex apartment. The buildings will occupy 14,460 square feet of the property, and the remainder will be vacant open to the sky. The basement slab of the building will be 7 feet below grade. Excavation of 4,000 cubic yards will be required for development of the full basement. No excavation at or below the water table is anticipated. Layout of the proposed site development is presented in Figure 3. The current zoning designation is M1-2/R6B; special mixed use district. The proposed use is consistent with existing zoning for the property.

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

Based upon the review of the Fire Insurance Maps and Regulatory Agency documents from the Phase I Environmental Site Assessment (ESA) Report prepared by Hydro Tech Environmental, Corp. in May 2011, a Site history was established. It appears that the Site was vacant during 1905 and was then developed during or before 1926.

The Site was utilized as a lumber yard during 1926, a construction material storage yard during 1934 and a junk yard and auto repair shop from 1951 to 2007.

The AOCs identified for this site include:

1. Suspect historical presence of fuel oil tanks for heating purposes from the historical stores/dwellings identified in the Fire Insurance Maps.
2. Urban fill material.
3. Past usage as auto repair and junk yard.

### **Summary of the Work Performed under the Remedial Investigation**

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Installed six (6) soil borings across the entire project Site, and collected twelve (12) soil samples for chemical analysis from the soil borings to evaluate soil quality;
3. Installed one (1) groundwater monitoring well and collected one (1) groundwater sample for chemical analysis to evaluate groundwater quality;
4. Installed five (5) soil vapor probes around Site perimeter and collected five (5) samples for chemical analysis.
5. Installed three (3) geotechnical borings and prepared geotechnical boring logs.

### **Summary of Environmental Findings**

1. Elevation of the property is 59 feet.
2. Depth to groundwater is approximately at 55 feet below grade at the Site.
3. Bedrock was not encountered during the investigation.
4. The stratigraphy of the site, from the surface down, consists of 1-3 feet of fill material underlain by 9 feet of sand with pebbles, 5 feet of fine to coarse sand mixture with pebbles, 6 feet of sand mixture with gravel and 4 feet of sand mixture with rocks.

5. Shallow Soil/fill samples collected during the RI indicated detectable PCBs above Track 1, but all were below Track 2. One deep soil was above Track 2 for PCBs. One pesticide, specifically; 4,4'-DDT (maximum of 61 ppb) was identified in three of the shallow and one of the deep soil samples at concentrations exceeding Track 1 SCOs. Low levels of twelve (12) VOCs were detected in the shallow soil samples, and of these only acetone (maximum of 76 ppb) exceeded Track 1 in two soil samples. Only acetone and methylene chloride were detected in the deep soil samples at slightly above Track 1 SCOs. Both methylene chloride and acetone were found in all samples at similar concentrations and are suspected laboratory contaminant. Five (5) Polycyclic Aromatic Hydrocarbon (PAH) SVOCs were identified above their Track 1 and Track 2 Restricted Residential SCOs (RRSCOs) in one shallow soil sample at SP-5. Several metals were identified in shallow soil samples above their respective Track 1 SCOs, and of these, arsenic (maximum of 23 ppm), barium (maximum of 392 ppm), cadmium, copper, chromium trivalent and lead (maximum of 1150 ppm) also exceed Track 2 RRSCOs. For deeper soils, cadmium, nickel and chromium exceeded Track 2 RRSCOs. The levels of PAHs and metals are consistent with observations of historic fill. Overall, soil chemistry is not remarkable and no contaminant source areas were identified.
6. Groundwater samples collected during the RI showed no detectable PCBs. One (1) pesticide (dieldrin) was identified in the groundwater sample collected. One (1) SVOC, (fluorine) was detected in the groundwater sample. No VOCs, SVOCs, Pesticides or PCBs were identified at concentrations exceeding NYSDEC TOGS 1.1.1 Groundwater Quality Standards (GQS). Four (4) VOCs including 2-butanone, acetone, chloroform and methylene chloride were detected in the groundwater sample. Methylene chloride was also found in the laboratory blank. Dissolved metals including barium, calcium, magnesium, potassium and sodium were identified at concentrations exceeding their respective GQS.
7. Soil vapor samples collected during the RI detected nineteen (19) VOCs. Of these thirteen (13) including 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, acetone, benzene, cyclohexane, ethyl benzene, methylene chloride, n-heptane, n-hexane, o-xylene, p-&m-xylenes, tetrahydrofuran, and toluene exceeded NYSDOH reported background

values. The VOCs concentrations will require mitigation in the remedial action phase. TCE was not identified in any of samples. PCE was detected at 55 ug/m<sup>3</sup> in one of five samples.

# REMEDIAL INVESTIGATION REPORT

## 1.0 SITE BACKGROUND

M&Y Developers, Inc. has enrolled in the New York City Brownfield Cleanup Program (NYC BCP) to investigate and remediate a 0.482-acre site located at 1309-1321 38<sup>th</sup> Street in the Kensington section of Brooklyn, New York. Residential use is proposed for the property. The RI work was performed between November 2011 and January 2012. This RIR summarizes the nature and extent of contamination and provides sufficient information for establishment of remedial action objectives, evaluation of remedial action alternatives, and selection of a remedy that is protective of human health and the environment consistent with the use of the property pursuant to RCNY§ 43-1407(f).

### 1.1 SITE LOCATION AND CURRENT USAGE

The Site is located at 1309-1321 38<sup>th</sup> Street in the Borough of Brooklyn, New York and is identified as Block 5300 and Lots 70, 72 and 74 on the New York City Tax Map. Figure 1 shows the Site location. The Site is 21,000-square feet and is bounded by parking area to the north, 38<sup>th</sup> Street to the south, 1-story Jewish school to the east, and multi-story residential and commercial building to the west. A map of the site boundary is shown in Figure 2. Currently, the Site is used for parking lot and auto repair facility and contains two 1-story brick buildings, a metal shed and an open concrete paved truck parking area.

### 1.2 Proposed Redevelopment Plan

The proposed future use of the Site will consist of seven (7) 3-story residential buildings with full basements and penthouses. Twenty five percent of the basement will be used as storage and the remainder will be combined with the 1<sup>st</sup> floor to create a duplex apartment. The building will occupy 14,460 square feet of the property, and the remainder will be vacant open to the sky. The basement slab of the building will be 7 feet below grade. Excavation of 4,000 cubic yards will be required for development of the full basement. No excavation at or below the water table is anticipated. Layout of the proposed site development is presented in Figure 3.

The current zoning designation is M1-2/R6B; special mixed use district. The proposed use is consistent with existing zoning for the property.

### **1.3 DESCRIPTION OF SURROUNDING PROPERTY**

The Site is located in a commercial and residential neighborhood.

Within 500 foot radius of the Site, there is a variety of land uses including: commercial, residential (multi-story residential apartments) and mixed residential-commercial use. Properties located within ¼ mile radius of the Site are zoned M1-2/R6A and M1-2/R6B (mixed use district). Figure 2 shows the surrounding land usage.

#### **Sensitive Receptors**

Within 500 foot radius of the Site, two (2) environmentally sensitive receptors are present. One receptor is the southeast-adjacent 1-story Jewish school building and the second receptor is the Yeshive Beis Meir (Boys) located in the southwestern vicinity of the Site.

## **2.0 SITE HISTORY**

### **2.1 PAST USES AND OWNERSHIP**

Based upon the review of the Fire Insurance Maps and Regulatory Agency documents from the Phase I Environmental Site Assessment (ESA) Report prepared by Hydro Tech Environmental, Corp. in May 2011, a Site history was established. It appears that the Site was vacant during 1905 and was then developed during or before 1926. The Site was utilized as a lumber yard during 1926, a construction material storage yard during 1934, and a junk yard and auto repair shop from 1951 to 2007.

### **2.2 PREVIOUS INVESTIGATIONS**

Previous investigations performed at the Site include the following:

- Comprehensive Phase I and Phase II Environmental Site Assessment, August, 2005, Hydro Tech Environmental, Corp.
- Phase I Environmental Site Assessment, May 2011, Hydro Tech Environmental, Corp.
- Remedial Investigation, November 2011, Hydro Tech Environmental, Corp.

### **2.3 SITE INSPECTION**

The Site inspection was performed under the direction of the Qualified Environmental Professional (QEP) certifying this report to evaluate areas of concern. The presence of auto repair facility and the presence of suspect UST were identified during the inspection.

### **2.4 AREAS OF CONCERN**

The AOCs identified for this site include:

1. Suspect historical presence of fuel oil tanks for heating purposes from the historical stores/dwellings identified in the Fire Insurance Maps.
2. Urban fill.

3. Past usage as auto repair and junk yard.

Phase 1 Report is presented in Appendix A. A map showing areas of concern is presented in Figure 4.

### **3.0 PROJECT MANAGEMENT**

#### **3.1 PROJECT ORGANIZATION**

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

#### **3.2 HEALTH AND SAFETY**

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

#### **3.3 MATERIALS MANAGEMENT**

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

#### **4.0 REMEDIAL INVESTIGATION ACTIVITIES**

The following is the scope of work that summarizes the investigatory efforts at the Site. The scope of work was implemented by Hydro Tech Environmental, Corp.

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Installed six (6) soil borings across the entire project Site, and collected twelve (12) soil samples for chemical analysis from the soil borings to evaluate soil quality;
3. Installed one (1) groundwater monitoring well and collected one (1) groundwater sample for chemical analysis to evaluate groundwater quality;
4. Installed five (5) soil vapor probes and collected five (5) soil vapor samples for chemical analysis.
5. Installed three (3) geotechnical borings and prepared geotechnical boring logs.

Field work was photo documented. Appendix-B provides investigation photographs.

#### **4.1 GEOPHYSICAL INVESTIGATION**

A geophysical survey consisting of GPR survey was performed at the Site during the November 2011 Remedial Investigation. The purpose of the GPR survey was to determine if any anomalies were present at the Site and to clear all sampling locations of any potential subsurface obstructions.

The survey was performed in all accessible portions of the Site over a grid pattern that was determined immediately prior to the survey. The GPR operator wheeled the antenna over the predetermined grid. The GPR takes one “scan” per set unit. The number of scans per unit is based upon the estimated size of targets.

As each scan is performed, the antenna emits specific radar amplitude into the subsurface. The amplitude of the radar reflected back to the antenna is based upon the differences in the dielectric constants of the subsurface materials.

The differences in amplitude obtained during each scan are graphically displayed on the Control Unit, which are then interpreted by the GPR operator. Additional interpretations are then conducted in the office using computer software.

The results of the GPR survey identified one (1) anomaly which is located beneath the concrete parking lot in the northeastern portion of the site. The full GPR report is included as Appendix C.

## **4.2 BORINGS AND MONITORING WELLS**

### **Drilling and Soil Logging**

A total of six (6) soil borings designated SP-2 to SP-7 were installed to 8 feet below grade surface. The soil borings were installed utilizing Hydro Tech's track-mounted Geoprobe® 6620DT. This unit installs soil probes utilizing direct-push technology.

A map showing the location of soil borings is shown in Figure 5.

Soil samples were collected in all soil borings at 2-foot intervals utilizing a 4-foot long Macro Core sampler fitted with dedicated acetate liners. The Macro sampler allows for the collection of both continuous and discrete soil samples. Each sampler was installed with 1½-inch diameter drill rods. Groundwater was encountered at various depths during the installation of the soil borings.

The sample collection initially involved the installation of a Macro Core sampler to the desired sampling depth. A piston stop-pin was then removed from the top of the Macro Core sampler and then installed the length of the sampling interval. The sampler was then removed from the ground with the sample intact in the acetate liner. One shallow soil sample (0'-2') and one deep soil sample (6'-8') were collected from all the soil probes.

Separate aliquots of each soil sample were placed into airtight zip-loc bags. The Hydro Tech geologist then characterized each soil sample in the field. The soil characterization consisted of determining the soil classification utilizing the Unified Soil Classification System and screening each sample for organic vapors utilizing a Photoionization Detector (PID).

A PID makes use of the principle of photoionization for the detection and qualitative measurement of organic vapors.

A PID does not respond to all compounds similarly, rather, each compound has its own response factor relative to its calibration. For this investigation, the PID was calibrated to the compound isobutylene, as published by the manufacturer. The PID has a minimum detection limit of 0.1 parts per million (ppm). This meter measures the hydrocarbon concentrations in isolated portions of the secured samples.

Headspace analyses were conducted on each soil sample by partially filling a zip-loc bag and sealing it, thereby creating a void. This void is referred to as the sample headspace. To facilitate the detection of any hydrocarbons contained within the headspace, the container was agitated for a period of 30 seconds. The probe of the PID was placed within the headspace to measure the organic vapors present.

Boring logs were prepared by a geologist are attached in Appendix D.

### **Groundwater Monitoring Well Construction**

One groundwater monitoring well was installed to determine water quality at the Site. The monitoring well was installed by General Borings, Inc. utilizing a truck mounted drill rig. The monitoring well was constructed of 1-inch diameter PVC. The total depth of the monitoring well is 65 feet below grade. The screened interval of the well consists of 0.010-inch slots and is situated approximately 5 feet above the groundwater level and 10 feet below.

Monitoring well locations are shown in Figure 5.

### **Survey**

A land survey was used to identify the location of all soil borings and monitor wells. The monitoring well construction details are included in Appendix E.

### **Water Level Measurement**

Groundwater head measurements were collected utilizing a Solinst<sup>®</sup> 122 Oil/Water Interface Probe (Interface Probe). The Interface Probe can measure depths to water to 0.01 inch.

The depth to water was measured in the well from the northern portion of the casing top. The groundwater was encountered at 55.51 feet below grade surface.

### **Soil Vapor Boring Construction**

Five (5) soil vapor probes designated SV-1 through SV-5 were installed to a depth of 6 feet bgs during this RI. A map showing the locations of the soil vapor borings is shown in Figure 5. The probes were constructed with inert tubing. Vapor implants were sealed to the surface with non-VOC containing product.

After installation of the probes, one to three volumes were purged prior to collecting the samples. Five (5) soil vapor samples were collected for chemical analysis during this RI.

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

## **4.3 SAMPLE COLLECTION AND CHEMICAL ANALYSIS**

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

## Soil Sampling

Six (6) soil borings were installed and twelve (12) soil samples were collected for chemical analysis during this RI. One (1) shallow and one (1) deeper soil samples from each soil probe were collected utilizing a 4-foot long Macro Core sampler fitted with dedicated acetate liners.

The soil was screened and characterized at two foot intervals. Two soil samples from probes were containerized and analyzed at a New York State Department of Health ELAP-certified laboratory. All soil samples were analyzed for volatile organic compounds (VOCs) via EPA Method 8260, semi-volatile compounds (SVOCs) via EPA Method 8270BN, pesticides/PCBs via EPA Method 8081/8082, TAL metals and chromium trivalent, chromium hexavalent.

Data on soil sample collection for chemical analyses, including dates of collection and sample depths, is reported in Tables 1, 2, 3 and 4. Figure 5 shows the location of samples collected in this investigation. Laboratories and analytical methods are shown below.

Each piece of sampling or other down hole equipment was decontaminated prior to each use in order to ensure that cross-contamination between sampling locations did not occur. The following procedure was utilized in the decontamination process:

- Wipe clean and wash with Alconox<sup>®</sup>
- Potable water rinse
- Methanol rinse
- Deionized water rinse
- Air dry

All decontamination procedures were performed in an area segregated from any sampling areas. Any rinsate from the decontamination area was contained and removed from the site. Fluids generated during on-site sampling equipment decontamination were contained in 55-gallons drums. Waste manifests for the drums will be provided once received.

A QA/QC for soil sampling was performed and included one field blank and one trip blank for one trip. The field blank was obtained following the sampling of soil probe SP-2.

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

All holding times were met. The laboratory did not report any irregularities with respect to their internal Quality Assurance/Quality Control.

### **Groundwater Sampling**

One (1) groundwater monitoring well was installed and one (1) groundwater sample was collected for chemical analysis during this RI. The groundwater monitoring well sampling location is shown in Figure 5.

The sampling was performed following USEPA's Low Stress/Flow Groundwater Sampling Protocol (SOP #GW0001, Rev. 1996). This sampling protocol consists of a low-flow drawdown of water at flow rates of 0.1 to 0.5 Liters per minute (L/min) using a Stainless Steel Mega-Typhoon with 90' lead pump. The pump was connected to PVC tubing and was carefully lowered above the middle of the screened interval zone water in order to minimize mixing with stagnant water above and the suspension of solids that collect at the bottom of the well.

Initially, each monitoring well was purged 3 to 5 well volumes. The purge volume from each well was determined based on the stabilization of water quality purging indicators utilizing a portable water quality meter YSI-6820, which uses an in-line flow cell for measurements. These water quality purging parameters included pH, temperature, specific Conductivity, Oxidation Reduction Potential, Dissolved Oxygen and turbidity. The monitoring well was sampled without a stringent stabilization of turbidity, which is considered a conservative parameter in terms of stabilization. The YSI-6820 was calibrated prior to the groundwater sampling in accordance with the manufacturer's requirements. Groundwater samples were placed into 2 pre-cleaned 40 milliliter (mL) vials, 2 pre-cleaned 500 mL plastic containers and 2 pre-cleaned 1,000 mL jars and appropriately labeled. The groundwater sample from the monitoring well was analyzed for volatile organic compounds (VOCs) via EPA Method 8260, semi-volatile organic compounds (SVOCs) via EPA Method 8270, Pesticides/PCBs via EPA Method 8081/8082, TAL Metals (filtered and non-filtered), Chromium Trivalent and Chromium Hexavalent. Laboratories and analytical methods are shown below.

Groundwater sample collection data is reported in Tables 5 and 6.

### Soil Vapor Sampling

Five (5) soil vapor probes were installed and five (5) soil vapor samples were collected for chemical analysis during this RI. Soil vapor sampling locations are shown in Figure 5.

Soil vapor sample collection data is reported in Table 7. Methodologies used for soil vapor assessment conform to the *NYS DOH Final Guidance on Soil Vapor Intrusion, October 2006*.

A soil vapor sample from each soil vapor probe was collected utilizing 6-liter pre-cleaned, passivated, evacuated whole air Summa<sup>®</sup> Canister. A 12-inch by 12-inch piece of plastic sheeting was sealed with beeswax around the edges over the sampling probe in order to keep the tracer gas in contact with the probe and the ambient air from entering the probe during testing.

In order to insure the integrity of the borehole seal and to verify that ambient air is not inadvertently drawn into the sample, a tracer gas, Helium, was used to enrich the atmosphere in the immediate vicinity of the sampling location.

Plastic sheeting was used to keep the tracer gas in contact with the soil vapor probe during the sampling. Prior to soil vapor sampling, approximately 0.3 l of air was purged out of all vapor points utilizing a syringe.

The Summa Canisters were calibrated for 6 hours and the soil vapor sampling was run on each canister for a time period of 6 hours. The initial vacuum (inches of mercury) and start time was recorded immediately after opening each Summa Canister. After the sampling was complete, the final vacuum and top time was recorded.

After the soil vapor sampling, each Summa was labeled and sent to a laboratory certified to perform air analysis in New York State and analyzed for VOCs via EPA TO-15.

### Chemical Analysis

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

Factor	Description
Quality Assurance Officer	The chemical analytical quality assurance is directed by Mark E. Robbins.

Chemical Analytical Laboratory	Chemical analytical laboratory(s) used in the RI is NYS ELAP certified and was York Analytical Laboratories, Inc.
Chemical Analytical Methods	<p>Soil analytical methods:</p> <ul style="list-style-type: none"> <li>• TAL Metals by EPA Method 6010C (rev. 2007);</li> <li>• VOCs by EPA Method 8260C (rev. 2006);</li> <li>• SVOCs by EPA Method 8270D (rev. 2007);</li> <li>• Pesticides by EPA Method 8081B (rev. 2000);</li> <li>• PCBs by EPA Method 8082A (rev. 2000);</li> </ul> <p>Groundwater analytical methods:</p> <ul style="list-style-type: none"> <li>• TAL Metals by EPA Method 6010C (rev. 2007);</li> <li>• VOCs by EPA Method 8260C (rev. 2006);</li> <li>• SVOCs by EPA Method 8270D (rev. 2007);</li> <li>• Pesticides by EPA Method 8081B (rev. 2000);</li> <li>• PCBs by EPA Method 8082A (rev. 2000);</li> </ul> <p>Soil vapor analytical methods:</p> <ul style="list-style-type: none"> <li>• VOCs by TO-15 VOC parameters..</li> </ul>

### Results of Chemical Analyses

Laboratory data for soil is summarized in Tables 1, 2, 3 and 4. Laboratory data for groundwater is summarized in Tables 5 and 6 and laboratory data for soil vapor is summarized in Table 7. Laboratory data deliverables for all samples evaluated in this RIR are provided in digital form in Appendices F, G and H.

## **5.0 ENVIRONMENTAL EVALUATION**

### **5.1 GEOLOGICAL AND HYDROGEOLOGICAL CONDITIONS**

#### **Stratigraphy**

The stratigraphy of the site, from the surface down, consists of 1-3 feet of fill material underlain by 9 feet of sand with pebbles, 5 feet of fine to coarse sand mixture with pebbles, 6 feet of sand mixture with gravel and 4 feet of sand mixture with rocks.

#### **Hydrogeology**

Since only one well could be installed at the Site during the investigation, assessment of groundwater flow direction could not be performed. The investigation of groundwater will be completed in the future once on site buildings are demolished and other wells are installed.

### **5.2 SOIL CHEMISTRY**

Shallow Soil/fill samples collected during the RI indicated detectable PCBs above Track 1, but all were below Track 2. One deep soil was above Track 2 for PCBs. One pesticide, specifically; 4,4'-DDT (maximum of 61 ppb) was identified in three of the shallow and one of the deep soil samples at concentrations exceeding Track 1 SCOs. Low levels of twelve (12) VOCs, including 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, 2-butanone, acetone, methylene chloride, n-butylbenzene, n-propylbenzene, o-xylene, p-&m-xylenes, sec-butylbenzene, tetrachloroethylene and xylenes (total) were detected in the shallow soil samples, and of these only acetone (maximum of 76 ppb) exceeded Track 1 in two of the soil samples. In deeper soils, only acetone and methylene chloride were detected at slightly above Track-1SCOs. Both methylene chloride and acetone were found in all samples at similar concentrations and are suspected laboratory contaminant.

Five (5) Polycyclic Aromatic Hydrocarbon (PAH) SVOCs were identified above their Track 1 and Track 2 Restricted Residential SCOs in one shallow soil sample at boring SP-5.

Several metals were identified in shallow soil samples above their respective Track 1 SCOs, and of these, arsenic (maximum of 23 ppm), barium (maximum of 392 ppm), cadmium

(maximum of 32 ppm), copper (maximum of 282 ppm), chromium (maximum of 132 ppm) and lead (maximum of 1150 ppm) also exceed Track 2 SCOs. For deeper soils, cadmium, nickel and chromium exceeded Track 2 Restricted Residential SCOs. The levels of PAHs and metals are consistent with observations of historic fill. Overall, soil chemistry is not remarkable and no contaminant source areas were identified.

Data collected during the RI is sufficient to delineate the vertical and horizontal distribution of contaminants in soil/fill at the Site. A summary table of data for chemical analyses performed on soil samples is included in Table 8. Figures 6, 7, 8 and 9 show the location and posts the values for soil/fill that exceed the 6NYCRR Part 375-6.8 Track 2 Soil Cleanup Objectives.

### **5.3 GROUNDWATER CHEMISTRY**

Groundwater samples collected during the RI showed no detectable PCBs. One (1) pesticide (dieldrin) and one SVOC (fluorine) was detected in the groundwater sample. No VOCs, SVOCs, Pesticides or PCBs were identified at concentrations exceeding NYSDEC TOGS 1.1.1 Groundwater Quality Standards (GQS). Four (4) VOCs including 2-butanone, acetone, chloroform and methylene chloride were detected in the groundwater sample. Methylene chloride was also found in the laboratory blank. Dissolved metals including barium, calcium, magnesium, potassium and sodium were identified at concentrations exceeding their respective GQS. This can be attributed to intrusion of saline or brackish water or road salting.

Data collected during the RI is sufficient to delineate the distribution of contaminants in groundwater at the Site. A summary table of data for chemical analyses performed on groundwater samples is included in Table 8.

Exceedences of applicable groundwater standards are shown in Figure 10.

### **5.4 SOIL VAPOR CHEMISTRY**

Soil vapor samples collected during the RI detected nineteen (19) VOCs. Of these thirteen (13) including 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, acetone, benzene, cyclohexane, ethyl benzene, methylene chloride, n-heptane, n-hexane, o-xylene, p-&m-xylenes, tetrahydrofuran, and toluene exceeded NYSDOH reported background values. The VOCs concentrations will require mitigation in the remedial action phase. TCE was not identified in

any of five samples. PCE was detected at 55 ug/m<sup>3</sup> in one of five samples. Acetone and methylene chloride were detected in all samples. Most VOCs are petroleum related compounds.

Data collected during the RI is sufficient to delineate the distribution of contaminants in soil vapor at the Site. A summary table of data for chemical analyses performed on soil vapor samples is included in Table 8.

Figure 11 shows the location and posts the values for soil vapor samples with detected concentrations.

## **5.5 PRIOR ACTIVITY**

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

## **5.6 IMPEDIMENTS TO REMEDIAL ACTION**

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

## FIGURES



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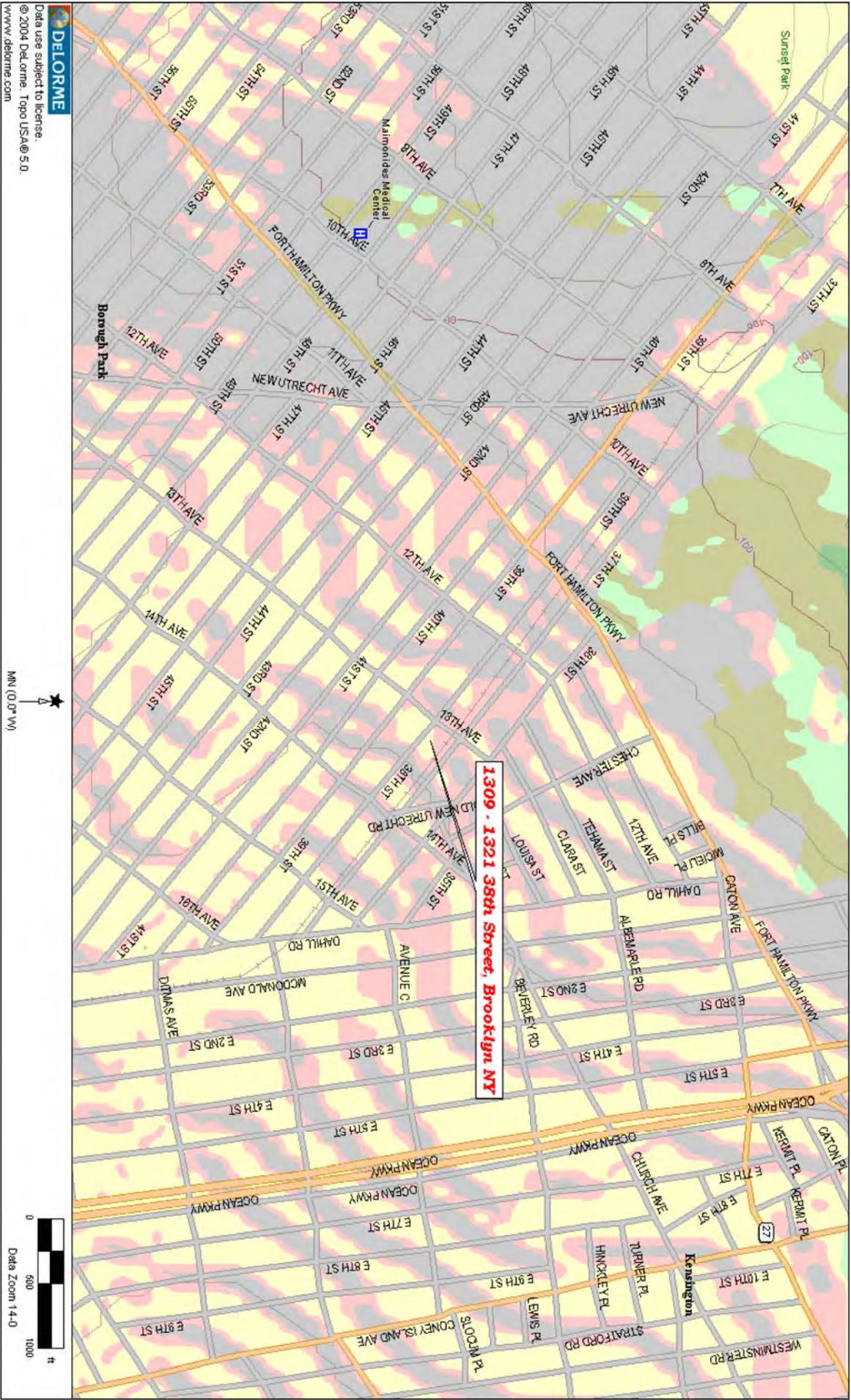
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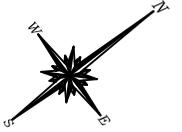
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FIGURE 1: TOPOGRAPHIC MAP

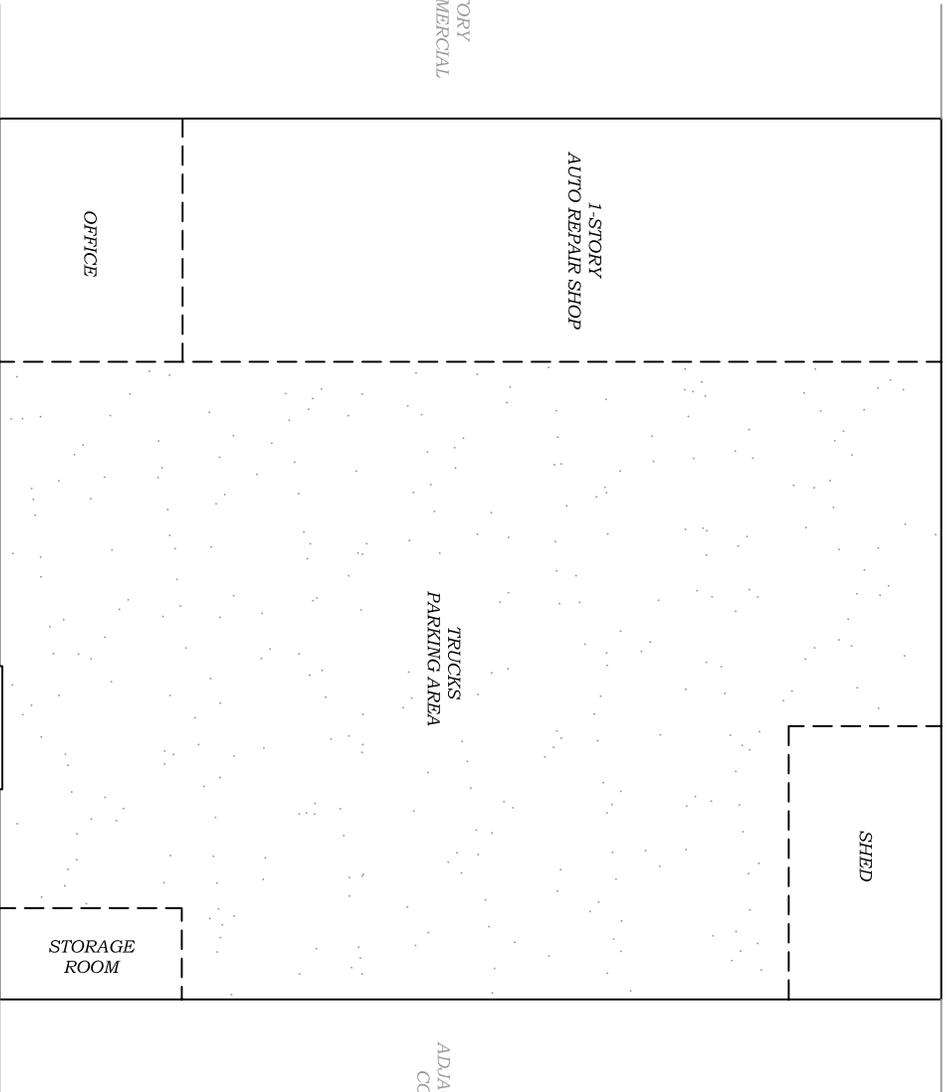


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RESIDENTIAL/COMMERCIAL



ADJACENT 1-STORY  
COMMERCIAL

ADJACENT 4-STORY  
COMMERCIAL

38th STREET

SIDEWALK



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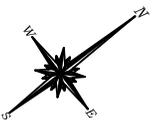
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FIGURE 2: SITE BOUNDARY MAP



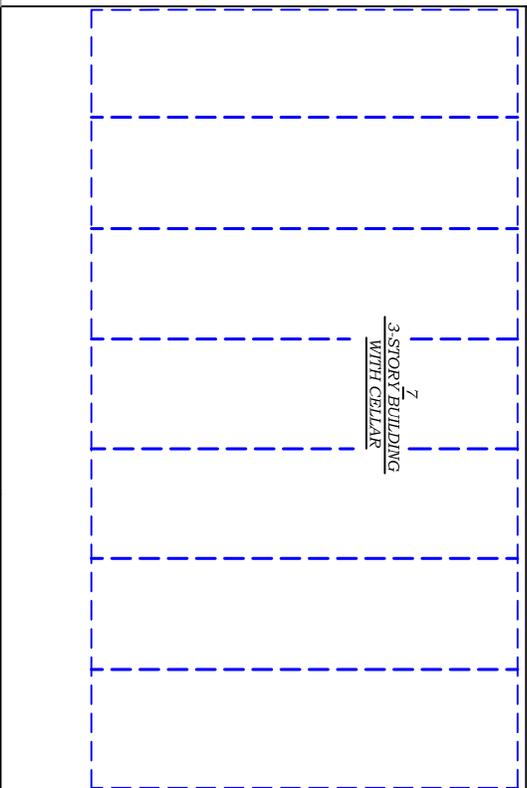
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ADJACENT 3-STORY  
RESIDENTIAL/COMMERCIAL

3-STORY BUILDING  
WITH CELLAR

ADJACENT 1-STORY  
COMMERCIAL



SIDEWALK

38th STREET

ADJACENT 4-STORY  
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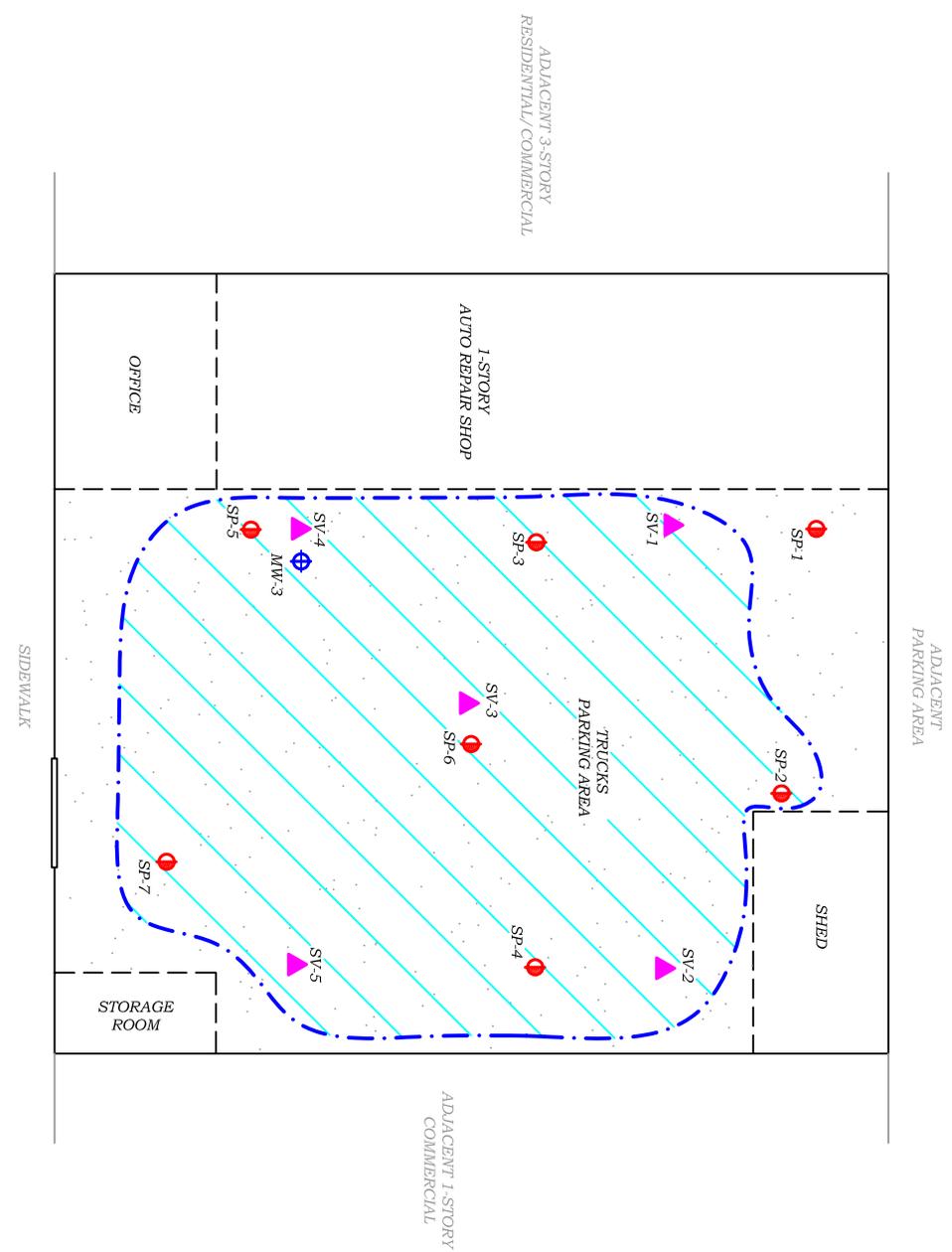
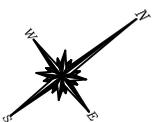
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FIGURE 3: PROPOSED REDEVELOPMENT PLAN



- LEGEND:**
- SOIL PROBE LOCATION (SP)
  - MONITORING WELL (MW)
  - SOIL VAPOR IMPLANT (SV)
  - AREA OF CONCERN



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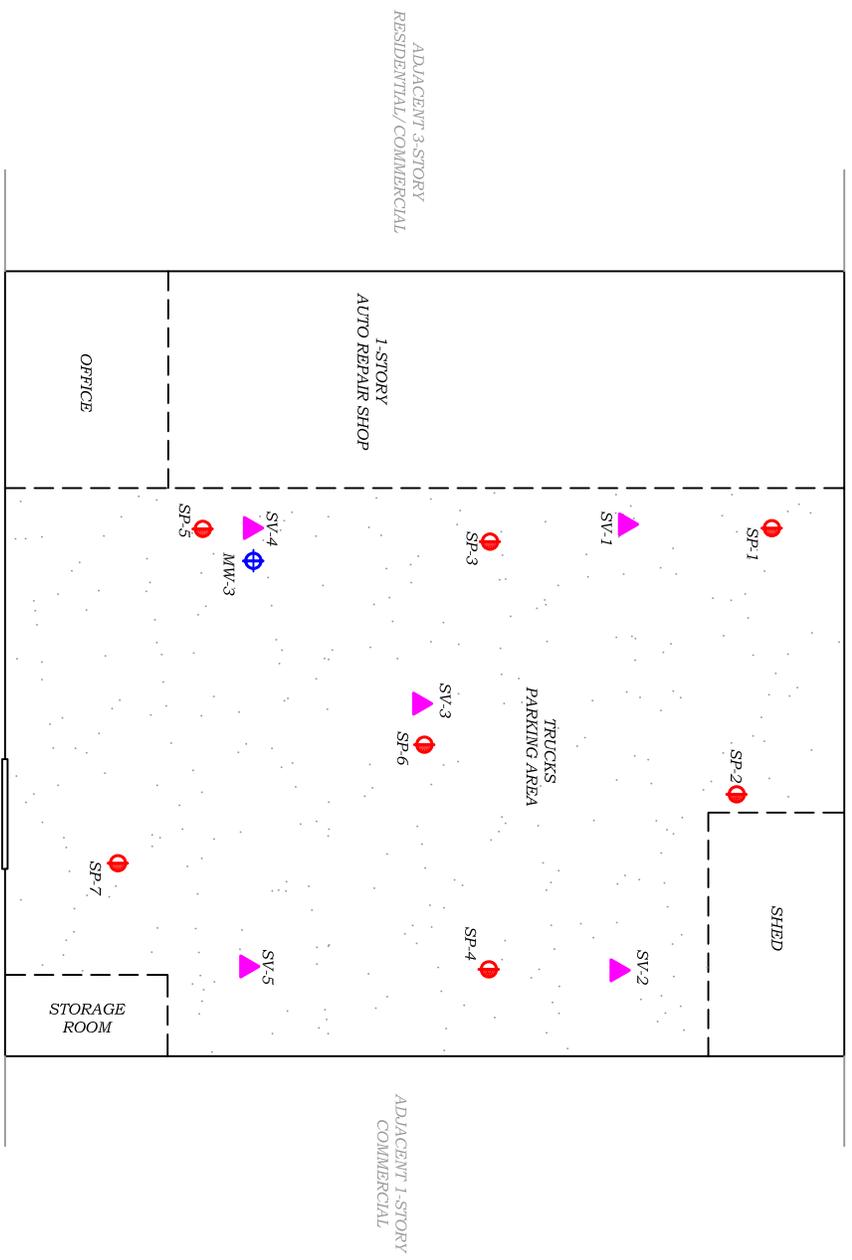
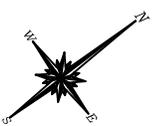
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FIGURE 4: AREA OF CONCERN



- LEGEND:
- SOIL PROBE LOCATION (SP)
  - ⊕ MONITORING WELL (MW)
  - ▲ SOIL VAPOR IMPLANT (SV)



38th STREET

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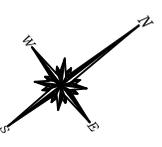
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FIGURE 5: SAMPLING PLAN



SP-2			
Depth	0' - 2'	6' - 8'	
PESTICIDES	mg/Kg	mg/Kg	UUSCO
4,4'-DDT	0.0617	ND	0.0033

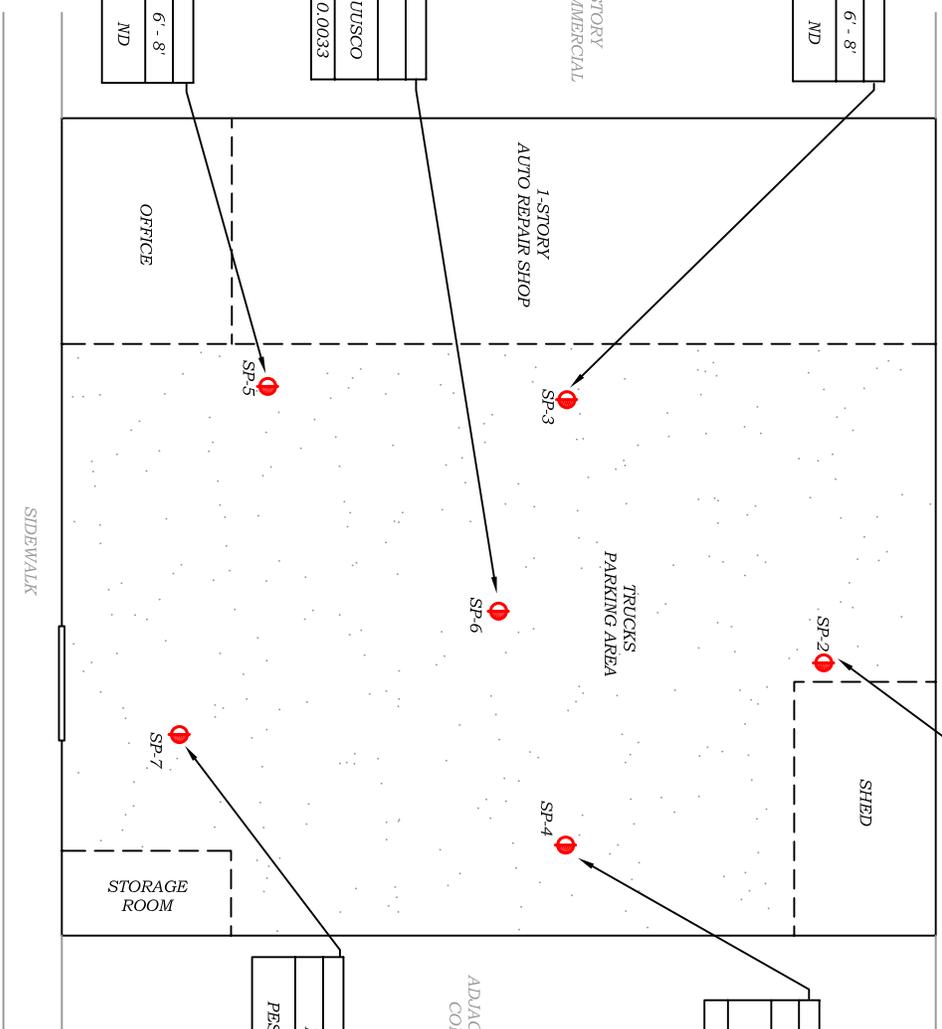
SP-3		
Depth	0' - 2'	6' - 8'
PESTICIDES	ND	ND

SP-4			
Depth	0' - 2'	6' - 8'	
PESTICIDES	mg/Kg	mg/Kg	UUSCO
4,4'-DDT	0.0267	0.00406	0.0033

SP-6			
Depth	0' - 2'	6' - 8'	
PESTICIDES	mg/Kg	mg/Kg	UUSCO
4,4'-DDT	0.0203	ND	0.0033

SP-5		
Depth	0' - 2'	6' - 8'
PESTICIDES	ND	ND

SP-7		
Depth	0' - 2'	6' - 8'
PESTICIDES	ND	ND



ADJACENT 4-STORY  
COMMERCIAL

38th STREET

SIDEWALK

- LEGEND:**
- SOIL PROBE LOCATION (SP)
  - MICROGRAMS PER KILOGRAMS
  - UUSCO UNRESTRICTED USE SOIL CLEANUP OBJECTIVES
  - ND NONE DETECTED
  - SHADED VALUES EXCEED UUSCO

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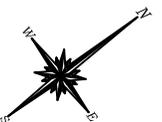
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FIGURE 6: DIAGRAM OF PESTICIDES IN SOIL

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SP-2			
Depth	0' - 2'	6' - 8'	
VOCs	mg/Kg	mg/Kg	UUSCO
Acetone	NAS	0.064	0.05
Methylene chloride	NAS	0.086	0.05

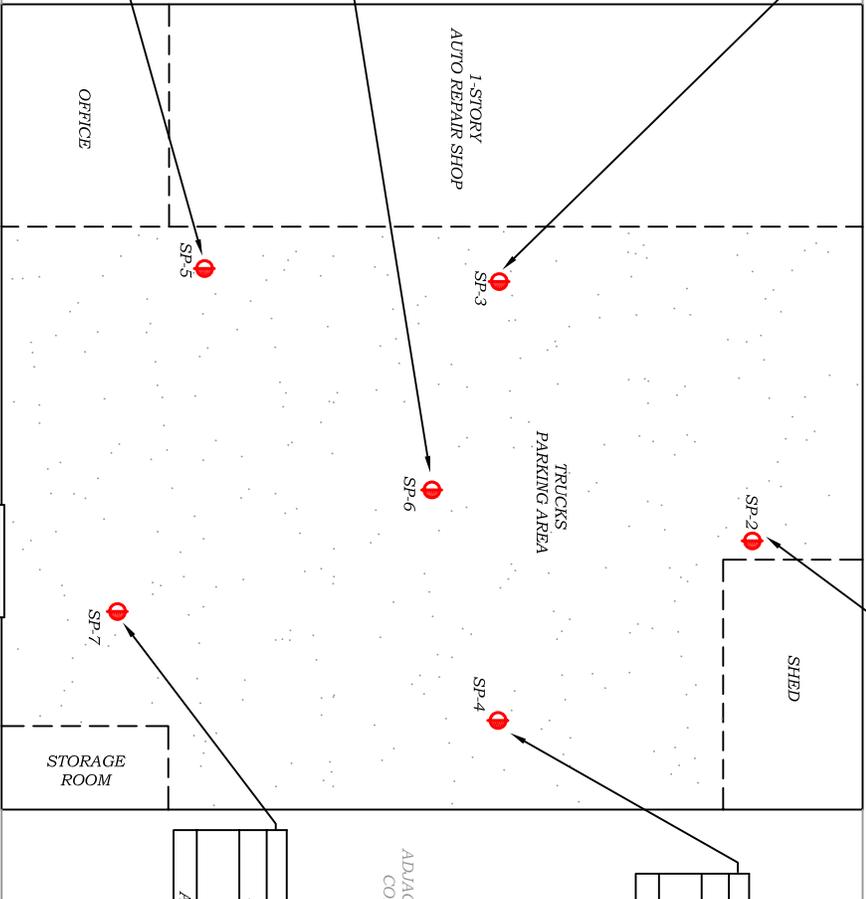


SP-3			
Depth	0' - 2'	6' - 8'	
VOCs	NAS	NAS	

ADJACENT 3-STORY  
RESIDENTIAL/COMMERCIAL

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

SP-5			
Depth	0' - 2'	6' - 8'	
VOCs	mg/Kg	mg/Kg	UUSCO
Acetone	0.076	NAS	0.05



SP-4			
Depth	0' - 2'	6' - 8'	
VOCs	mg/Kg	mg/Kg	UUSCO
Acetone	NAS	0.058	0.05

SP-7			
Depth	0' - 2'	6' - 8'	
VOCs	mg/Kg	mg/Kg	UUSCO
Acetone	0.058	NAS	0.05

38th STREET

ADJACENT 4-STORY  
COMMERCIAL



- LEGEND:**
- SOIL PROBE LOCATION (SP)
  - VOC VOLATILE ORGANIC COMPOUND
  - $\mu\text{g}/\text{Kg}$  MICROGRAMS PER KILOGRAMS
  - UUSCO UNRESTRICTED USE SOIL CLEANUP OBJECTIVES
  - NONE ABOVE STANDARDS
  - SHADED VALUES EXCEED UUSCO



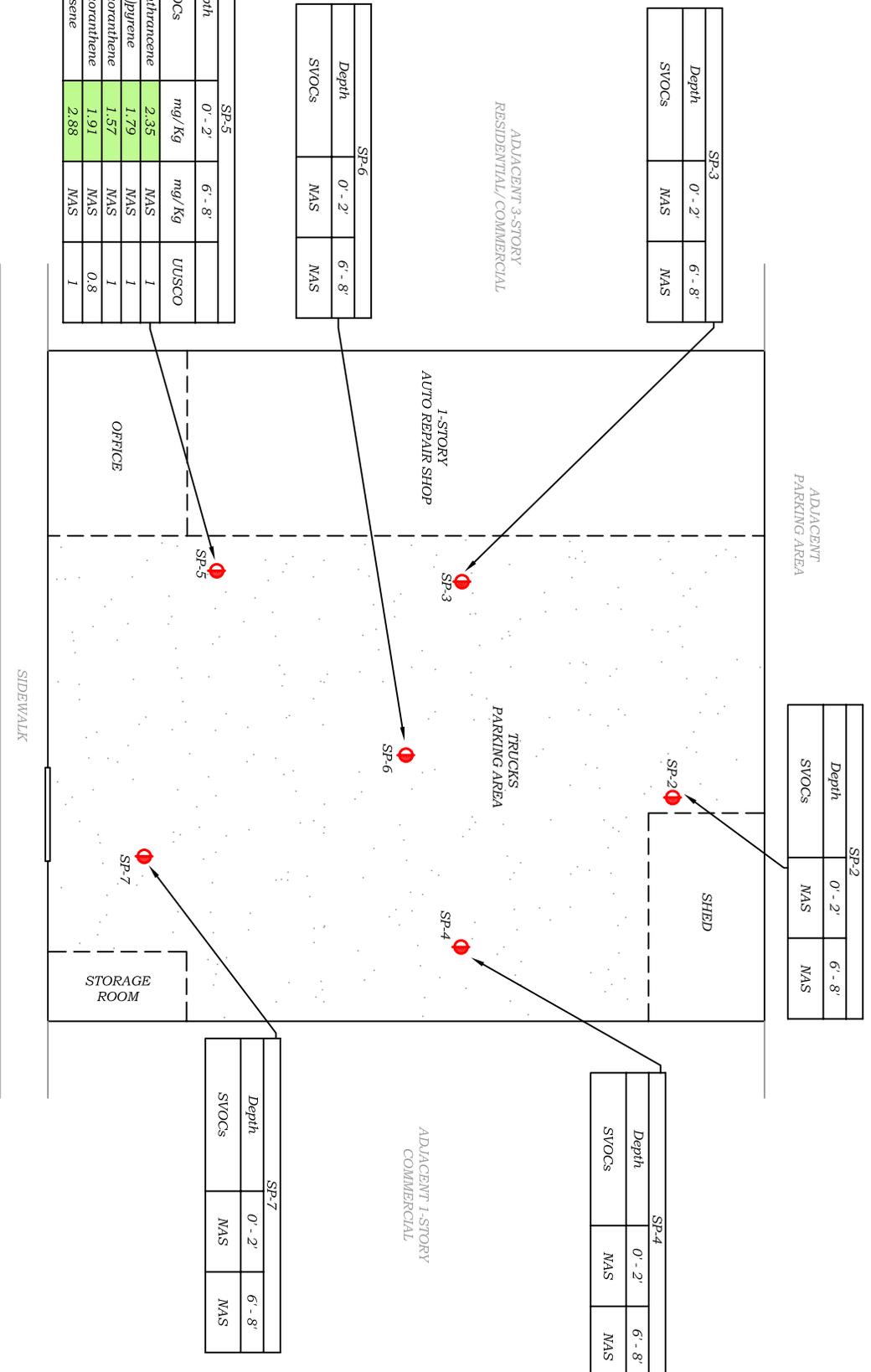
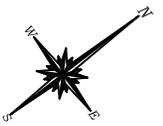
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FIGURE 7: DIAGRAM OF VOCs IN SOIL



SP-3		
Depth	0' - 2'	6' - 8'
SVOCS	MAS	MAS

SP-6		
Depth	0' - 2'	6' - 8'
SVOCS	MAS	MAS

SP-5		
Depth	0' - 2'	6' - 8'
SVOCS	mg/Kg	mg/Kg
Benzol(a)anthracene	2.35	MAS
Benzol(a)pyrene	1.79	MAS
Benzol(b)fluoranthene	1.57	MAS
Benzol(k)fluoranthene	1.91	MAS
Chrysenene	2.88	MAS
UUSCO	1	1

SP-2		
Depth	0' - 2'	6' - 8'
SVOCS	MAS	MAS

SP-4		
Depth	0' - 2'	6' - 8'
SVOCS	MAS	MAS

SP-7		
Depth	0' - 2'	6' - 8'
SVOCS	MAS	MAS



- LEGEND:**
- SOIL PROBE LOCATION (SP)
  - SEMI VOLATILE ORGANIC COMPOUND
  - MICROGRAMS PER KILOGRAMS
  - UNRESTRICTED USE SOIL CLEANUP OBJECTIVES
  - NONE ABOVE STANDARDS
  - SHADED VALUES EXCEED UUSCO

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1309 - 1319 38th Street  
Brooklyn, NY.  
HTE Job# 110171

Drawn By:	CQ
Reviewed By:	MR
Approved By:	MS
Date:	03/05/12
Scale:	AS NOTED

TITLE:  
ADJACENT 4-STORY COMMERCIAL

**FIGURE 8: DIAGRAM OF SVOCS IN SOIL**

SP-2			
Depth	0' - 2'	6' - 8'	UUSCO
METALS	mg/Kg	mg/Kg	
Arsenic	18.1	MAS	13
Barium	392	MAS	350
Cadmium	7.67	MAS	7.2
Copper	226	MAS	50
Lead	1,150	MAS	63
Nickel	106	46.4	30
Zinc	775	MAS	109

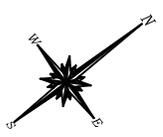
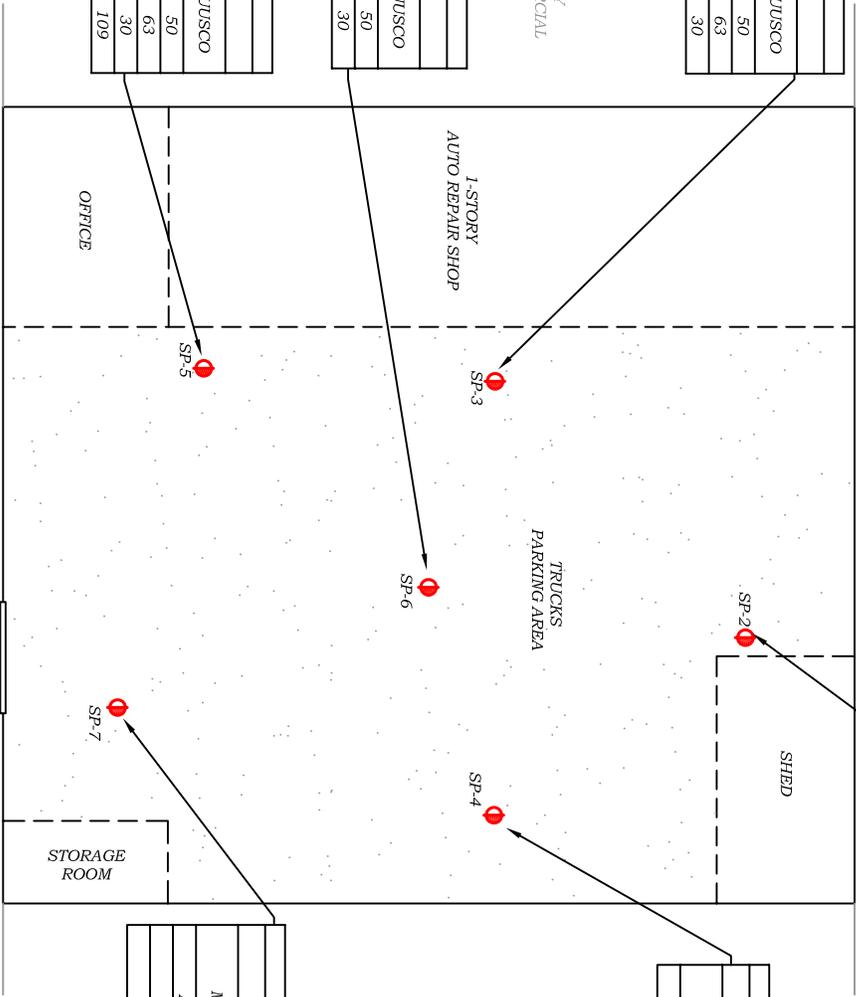
SP-3			
Depth	0' - 2'	6' - 8'	UUSCO
METALS	mg/Kg	mg/Kg	
Copper	56.5	51.0	50
Lead	506	MAS	63
Nickel	MAS	184	30

SP-4			
Depth	0' - 2'	6' - 8'	UUSCO
METALS	mg/Kg	mg/Kg	
Nickel	MAS	32.4	30

SP-6			
Depth	0' - 2'	6' - 8'	UUSCO
METALS	mg/Kg	mg/Kg	
Copper	282	MAS	50
Nickel	MAS	49.1	30

SP-5			
Depth	0' - 2'	6' - 8'	UUSCO
METALS	mg/Kg	mg/Kg	
Copper	100	60.3	50
Lead	356	21.3	63
Nickel	71.6	51.1	30
Zinc	457	173	109

SP-7			
Depth	0' - 2'	6' - 8'	UUSCO
METALS	mg/Kg	mg/Kg	
Arsenic	23.6	MAS	13
Lead	70.1	MAS	63
Nickel	MAS	55.9	30



SCALE IN FEET (FT.)

38th STREET

ADJACENT 4-STORY COMMERCIAL

- LEGEND:**
- SOIL PROBE LOCATION (SP)
  - mg/Kg MILLIGRAMS PER KILOGRAM
  - UUSCO UNRESTRICTED USE SOIL CLEANUP OBJECTIVES
  - MAS NONE ABOVE STANDARDS
  - SHADED VALUES EXCEED UUSCO

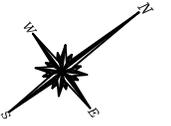


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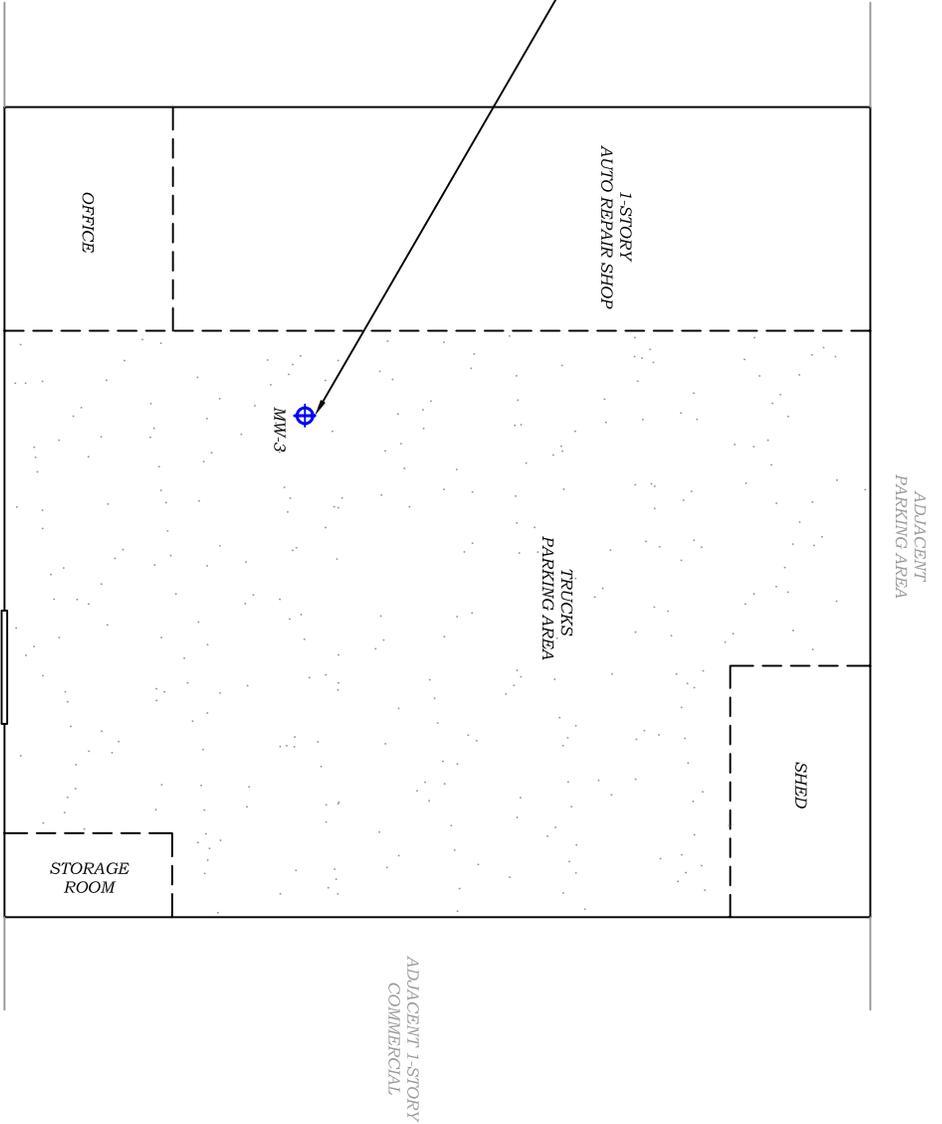
1309 - 1319 38th Street  
 Brooklyn, NY.  
 HTE Job# 110171

Drawn By:	CQ	TITLE:
Reviewed By:	MR	
Approved By:	MS	
Date:	03/05/12	
Scale:	AS NOTED	

FIGURE 9. DIAGRAM OF METALS IN SOIL



MM-3			
METALS	Filtered ug/L	Unfiltered ug/L	QQS
Barium	107	4,730	1,000
Arsenic	NAS	260	25
Chromium	NAS	726	50
Cadmium	NAS	41	5
Copper	NAS	2,150	200
Iron	NAS	764,000	300
Magnesium	50,600	544,000	35,000
Manganese	589	38,700	300
Nickel	NAS	6,150	100
Sodium	56,400	74,400	20,000
Mercury	NAS	4	0.7



- LEGEND:**
- MONITORING WELL (MW)
  - MICROGRAMS PER LITER
  - GROUNDWATER QUALITY STANDARD
  - NONE ABOVE STANDARD
  - SHADED VALUES EXCEED GQS



38th STREET

ADJACENT 4-STORY  
COMMERCIAL

ADJACENT 1-STORY  
COMMERCIAL



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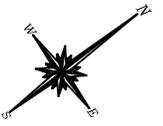
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Drawn By:	C.Q.
Reviewed By:	M.R.
Approved By:	M.S.
Date:	03/05/12
Scale:	AS NOTED

TITLE:

FIGURE 10: MAP OF CONTAMINATION IN GROUNDWATER



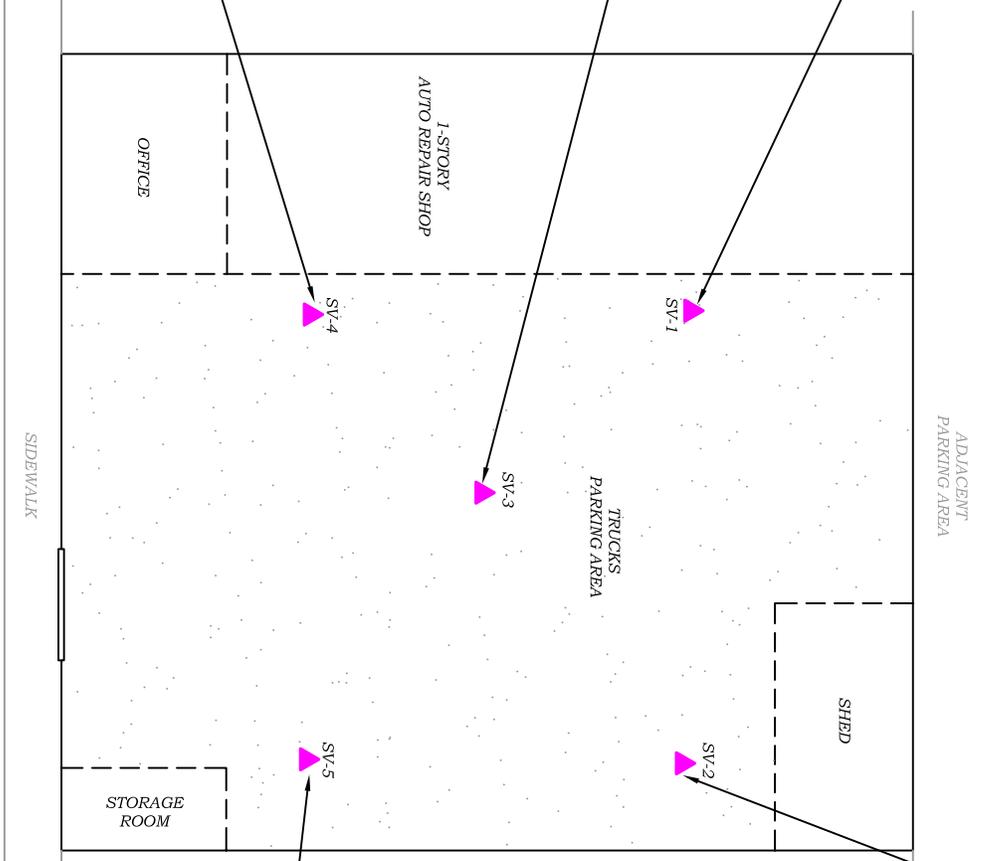
SV-1		
VOCs	µg/m <sup>3</sup>	NYSDOH Background Standards
Acetone	180	10 - 52
Benzene	10	1.1 - 5.9
Methylene chloride	53	0.31 - 6.6

SV-3		
VOCs	µg/m <sup>3</sup>	NYSDOH Background Standards
I,2,4-Trimethylbenzene	540	0.69 - 4.3
I,3,5-Trimethylbenzene	120	0.27 - 1.7
Acetone	530	10 - 52
Benzene	25	1.1 - 5.9
Ethyl Benzene	140	0.41 - 2.8
Methylene chloride	51	0.31 - 6.6
n-Heptane	51	1.0 - 7.6
n-hexane	36	0.63 - 6.0
o-Xylene	210	0.39 - 3.1
p-Øm-Xylenes	610	0.50 - 4.6
Tetrahydrofuran	58	<0.25 - 0.35
Toluene	420	3.5 - 24.8

SV-4		
VOCs	µg/m <sup>3</sup>	NYSDOH Background Standards
Acetone	3,400	10 - 52
Cyclohexane	540	<0.25 - 2.6
Methylene chloride	1,700	0.31 - 6.6
n-Heptane	1,500	1.0 - 7.6
n-hexane	8,600	0.63 - 6.0
Toluene	130	3.5 - 24.8

SV-2		
VOCs	µg/m <sup>3</sup>	NYSDOH Background Standards
I,2,4-Trimethylbenzene	260	0.69 - 4.3
I,3,5-Trimethylbenzene	62	0.27 - 1.7
Acetone	390	10 - 52
Benzene	20	1.1 - 5.9
Ethyl Benzene	110	0.41 - 2.8
Methylene chloride	28	0.31 - 6.6
n-Heptane	40	1.0 - 7.6
n-hexane	24	0.63 - 6.0
o-Xylene	140	0.39 - 3.1
p-Øm-Xylenes	430	0.50 - 4.6
Tetrahydrofuran	38	<0.25 - 0.35
Toluene	350	3.5 - 24.8

SV-5		
VOCs	µg/m <sup>3</sup>	NYSDOH Background Standards
I,2,4-Trimethylbenzene	190	0.69 - 4.3
I,3,5-Trimethylbenzene	45	0.27 - 1.7
Acetone	520	10 - 52
Benzene	22	1.1 - 5.9
Ethyl Benzene	97	0.41 - 2.8
n-Heptane	43	1.0 - 7.6
n-hexane	25	0.63 - 6.0
o-Xylene	120	0.39 - 3.1
p-Øm-Xylenes	370	0.50 - 4.6
Tetrahydrofuran	39	<0.25 - 0.35
Toluene	340	3.5 - 24.8



LEGEND:  
 ▲ SOIL VAPOR IMPLANT (SV)  
 ▼ VOC VOLATILE ORGANIC COMPOUND  
 µg/m<sup>3</sup> MICROGRAMS PER CUBIT METER  
 NYSDOH NEW YORK STATE DEPARTMENT OF HEALTH

ADJACENT 4-STORY COMMERCIAL  
 38th STREET  
 SIDEWALK



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Drawn By:	CQ
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Approved By:	MS
Date:	03/05/12
Scale:	AS NOTED

FIGURE 11: MAP OF CONTAMINATION IN SOIL VAPOR

## TABLES

**Table 1**  
**Shallow Soil Samples Organic Analytical Results**  
**1309 38th Street, Brooklyn, NY**

Sample ID	SP-2 (0'-2')	SP-3 (0'-2')	SP-4 (0'-2')	SP-5 (0'-2')	SP-6 (0'-2')	SP-7 (0'-2')	Unrestricted Use Soil Cleanup Objectives (6 NYC RR Pt.375-6.8)	Restricted Use Soil Cleanup Objectives (6 NYC RR Pt.375-6.8b) - Residential
Sampling Date	11/8/2011	11/9/2011	11/8/2011	1/11/2012	11/8/2011	11/8/2011		
Matrix	Soil	Soil	Soil	Soil	Soil	Soil		
Units	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		
Volatile Organics, NYSDEC Part 375 List								
1,1,1-Trichloroethane	<0.0026	<0.0026	<0.0025	<0.0025	<0.13	<0.0025	0.68	100
1,1-Dichloroethane	<0.0019	<0.0019	<0.0018	<0.0018	<0.092	<0.0018	0.27	19
1,1-Dichloroethylene	<0.0036	<0.0036	<0.0035	<0.0034	<0.18	<0.0036	0.33	NS
1,2,4-Trimethylbenzene	<0.0014	<0.0014	<0.0014	<b>0.033</b>	<b>1.5</b>	<0.0014	3.6	47
1,2-Dichlorobenzene	<0.0016	<0.0016	<0.0015	<0.0015	<0.079	<0.0016	1.1	100
1,2-Dichloroethane	<0.0018	<0.0018	<0.0017	<0.0017	<0.087	<0.0017	0.02	2.3
1,3,5-Trimethylbenzene	<0.0010	<0.0010	<0.00097	<b>0.013</b>	<b>0.43</b>	<0.00099	8.4	47
1,3-Dichlorobenzene	<0.0013	<0.0013	<0.0012	<0.0012	<0.063	<0.0013	2.4	17
1,4-Dichlorobenzene	<0.0018	<0.0018	<0.0018	<0.0018	<0.091	<0.0018	1.8	9.8
1,4-Dioxane	<0.085	<0.085	<0.083	<0.082	<4.2	<0.084	0.1	9.8
2-Butanone	<0.0069	<0.0070	<0.0067	<b>0.0094</b>	<0.34	<b>0.0085</b>	NS	NS
Acetone	<b>0.024</b>	<b>0.03</b>	<0.0081	<b>0.076</b>	<b>0.014</b>	<b>0.058</b>	0.05	100
Benzene	<0.0013	<0.0013	<0.0013	<0.0012	<0.064	<0.0013	0.06	2.9
Carbon tetrachloride	<0.0028	<0.0028	<0.0027	<0.0027	<0.14	<0.0028	0.76	1.4
Chlorobenzene	<0.00094	<0.00095	<0.00091	<0.00091	<0.047	<0.00094	1.1	100
Chloroform	<0.00097	<0.00097	<0.00094	<0.00093	<0.048	<0.00096	0.37	10
cis-1,2-Dichloroethylene	<0.0026	<0.0026	<0.0025	<0.0025	<0.13	<0.0026	0.25	59
Ethyl Benzene	<0.00094	<0.00095	<0.00091	<0.00091	<0.047	<0.00094	1	30
Methyl tert-butyl ether (MTBE)	<0.0010	<0.0010	<0.00099	<0.00099	<0.051	<0.0010	0.93	62
Methylene chloride	<b>0.039</b>	<b>0.044</b>	<b>0.029</b>	<b>0.015</b>	<b>0.015</b>	<b>0.033</b>	0.05	51
n-Butylbenzene	<0.00086	<0.00087	<0.00084	<b>0.0048</b>	<b>0.57</b>	<0.00086	12	100
n-Propylbenzene	<0.0016	<0.0016	<0.0015	<b>0.0023</b>	<b>0.18</b>	<0.0016	3.9	100
o-Xylene	<0.0013	<0.0014	<0.0013	<b>0.008</b>	<0.067	<0.0013	0.26	100
p- & m- Xylenes	<0.0015	<0.0015	<0.0014	<b>0.0076</b>	<0.073	<0.0015	0.26	100
sec-Butylbenzene	<0.0014	<0.0014	<0.0014	<0.0013	<b>0.14</b>	<0.0014	11	100
tert-Butylbenzene	<0.0012	<0.0012	<0.0012	<0.0012	<0.061	<0.0012	5.9	100
Tetrachloroethylene	<0.0014	<b>0.029</b>	<0.0014	<0.0013	<0.069	<b>0.018</b>	1.3	5.5
Toluene	<0.00062	<0.00062	<0.00060	<0.00060	<0.031	<0.00061	0.7	100
trans-1,2-Dichloroethylene	<0.0018	<0.0018	<0.0017	<0.0017	<0.087	<0.0017	0.19	100
Trichloroethylene	<0.0015	<0.0015	<0.0015	<0.0015	<0.076	<0.0015	0.47	10
Vinyl Chloride	<0.0026	<0.0026	<0.0025	<0.0025	<0.13	<0.0026	0.02	0.21
Xylenes, Total	<0.0028	<0.0028	<0.0027	<b>0.016</b>	<0.14	<0.0028	0.26	100
Total VOCs	0.063	0.103	0.029	0.1851	2.849	0.1175	NS	NS

Semi-Volatiles, NYSDEC Part 375 List								
2-Methylphenol	<0.0765	<0.0768	<0.0741	<1.47	<0.758	<0.0759	NS	NS
3- & 4-Methylphenols	<0.0935	<0.0939	<0.0907	<1.80	<0.927	<0.0928	NS	NS
Acenaphthene	<0.120	<0.121	<0.117	<2.32	<1.19	<0.120	20	100
Acenaphthylene	<0.0582	<0.0585	<0.0565	<1.12	<0.578	<0.0578	100	100
Anthracene	<b>0.212</b>	<0.0518	<b>0.075</b>	<b>1.22</b>	<0.511	<0.0512	100	100
Benzo(a)anthracene	<b>0.812</b>	<b>0.0897</b>	<b>0.146</b>	<b>2.35</b>	<0.797	<0.0798	1	1
Benzo(a)pyrene	<b>0.474</b>	<b>0.0697</b>	<b>0.145</b>	<b>1.79</b>	<0.537	<0.0538	1	1
Benzo(b)fluoranthene	<b>0.745</b>	<0.0794	<b>0.143</b>	<b>1.57</b>	<0.784	<0.0785	1	1
Benzo(g,h,i)perylene	<b>0.224</b>	<0.0627	<0.0606	<1.20	<0.620	<0.0620	100	100
Benzo(k)fluoranthene	<b>0.487</b>	<0.0808	<b>0.152</b>	<b>1.91</b>	<0.798	<0.0799	0.8	1
Chrysene	<b>0.801</b>	<0.0841	<b>0.149</b>	<b>2.88</b>	<0.831	<0.0832	1	1
Dibenzo(a,h)anthracene	<b>0.128</b>	<0.0528	<0.0509	<1.01	<0.521	<0.0522	0.33	0.33
Dibenzofuran	<0.0671	<0.0674	<0.0650	<1.29	<0.665	<0.0666	NS	NS
Fluoranthene	<b>1.33</b>	<b>0.123</b>	<b>0.333</b>	<b>6.24</b>	<1.19	<0.120	100	100
Fluorene	<b>0.0832</b>	<0.0585	<0.0565	<1.12	<0.578	<0.0578	30	100
Hexachlorobenzene	<0.0339	<0.0340	<0.0328	<0.652	<0.336	<0.0336	NS	NS
Indeno(1,2,3-cd)pyrene	<b>0.176</b>	<0.0770	<0.0743	<1.48	<0.760	<0.0761	0.5	0.5
Naphthalene	<0.0621	<0.0624	<0.0602	<1.20	<0.616	<0.0616	12	100
Pentachlorophenol	<0.0582	<0.0585	<0.0565	<1.12	<0.578	<0.0578	0.8	2.4
Phenanthrene	<b>1.04</b>	<b>0.0843</b>	<b>0.255</b>	<b>6.37</b>	<0.760	<0.0761	100	100
Phenol	<0.0832	<0.0835	<0.0806	<1.60	<0.825	<0.0826	0.33	100
Pyrene	<b>1.82</b>	<b>0.117</b>	<b>0.29</b>	<b>4.76</b>	<0.739	<0.0740	100	100
Total SVOCs	8.3322	0.4837	1.688	29.09	ND	ND	NS	NS

Pesticides, NYSDEC Part 375 Target List								
4,4'-DDD	<0.00147	<0.00147	<0.00147	<0.00147	<0.00147	<0.00147	0.0033	2.6
4,4'-DDE	<0.00189	<0.00189	<0.00189	<0.00189	<0.00189	<0.00189	0.0033	1.8
4,4'-DDT	<b>0.0617</b>	<0.00148	<b>0.0267</b>	<0.00148	<b>0.0203</b>	<0.00148	0.0033	1.7
Aldrin	<0.00211	<0.00211	<0.00211	<0.00211	<0.00211	<0.00211	0.005	0.019
alpha-BHC	<0.00249	<0.00249	<0.00249	<0.00249	<0.00249	<0.00249	0.02	0.097
alpha-Chlordane	<0.00186	<0.00186	<0.00186	<0.00186	<0.00186	<0.00186	0.094	0.91
beta-BHC	<0.00208	<0.00208	<0.00208	<0.00208	<0.00208	<0.00208	0.036	0.072
delta-BHC	<0.00180	<0.00180	<0.00180	<0.00180	<0.00180	<0.00180	0.04	100
Dieldrin	<0.00195	<0.00195	<0.00195	<0.00195	<0.00195	<0.00195	0.005	0.039
Endosulfan I	<0.00160	<0.00160	<0.00160	<0.00160	<0.00160	<0.00160	2.4	4.8
Endosulfan II	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	2.4	4.8
Endosulfan sulfate	<0.00169	<0.00169	<0.00169	<0.00169	<0.00169	<0.00169	2.4	4.8
Endrin	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	0.014	2.2
gamma-BHC (Lindane)	<0.00229	<0.00229	<0.00229	<0.00229	<0.00229	<0.00229	NS	NS
Heptachlor	<0.00263	<0.00263	<0.00263	<0.00263	<0.00263	<0.00263	0.042	0.42
Polychlorinated Biphenyls (PCB)								
Aroclor 1016	<0.00985	<0.00989	<0.00955	<b>0.0953</b>	<b>0.145</b>	<0.00978	NS	NS
Aroclor 1221	<0.00985	<0.00989	<0.00955	<0.00948	<0.00977	<0.00978	NS	NS
Aroclor 1232	<0.00985	<0.00989	<0.00955	<0.00948	<0.00977	<0.00978	NS	NS
Aroclor 1242	<0.00985	<0.00989	<0.00955	<0.00948	<0.00977	<0.00978	NS	NS
Aroclor 1248	<0.00985	<0.00989	<0.00955	<0.00948	<0.00977	<0.00978	NS	NS
Aroclor 1254	<0.00848	<0.00852	<b>0.139</b>	<b>0.0677</b>	<b>0.162</b>	<0.00842	NS	NS
Aroclor 1260	<b>0.475</b>	<0.00852	<b>0.0791</b>	<b>0.149</b>	<b>0.0988</b>	<0.00842	NS	NS
Aroclor 1262	<0.00848	<0.00852	<0.00822	<0.00816	<0.00841	<0.00842	NS	NS
Aroclor 1268	<0.00848	<0.00852	<0.00822	<0.00816	<0.00841	<0.00842	NS	NS
Total PCBs	<b>0.475</b>	<0.00852	<b>0.218</b>	<b>0.312</b>	<b>0.406</b>	<0.00842	NS	NS

NS=this indicates that no regulatory standard has been established for this analyte  
mg/kg...milligrams per kilograms

**Table 2**  
**Deep Soil Samples Organic Analytical Results**  
**1309 38th Street, Brooklyn, NY**

Sample ID	SP-2 (6'-8')	SP-3 (6'-8')	SP-4 (6'-8')	SP-5 (6'-8')	SP-6 (6'-8')	SP-7 (6'-8')	Unrestricted Use Soil Cleanup Objectives (6 NYC RR Pt.375-6.8)	Restricted Use Soil Cleanup Objectives (6 NYC RR Pt.375-6.8b) - Residential
Sampling Date	11/8/2011	11/9/2011	11/8/2011	1/11/2012	11/8/2011	11/8/2011		
Matrix	Soil	Soil	Soil	Soil	Soil	Soil		
Units	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		
Volatile Organics, NYSDEC Part 375 List								
1,1,1-Trichloroethane	<0.0022	<0.0023	<0.0022	<0.0022	<0.0023	<0.0023	0.68	100
1,1-Dichloroethane	<0.0016	<0.0017	<0.0016	<0.0016	<0.0017	<0.0016	0.27	19
1,1-Dichloroethylene	<0.0031	<0.0032	<0.0031	<0.0031	<0.0032	<0.0032	0.33	NS
1,2,4-Trimethylbenzene	<0.0012	<0.0013	<0.0012	<0.0012	<0.0013	<0.0013	3.6	47
1,2-Dichlorobenzene	<0.0014	<0.0014	<0.0014	<0.0014	<0.0014	<0.0014	1.1	100
1,2-Dichloroethane	<0.0015	<0.0016	<0.0015	<0.0015	<0.0016	<0.0015	0.02	2.3
1,3,5-Trimethylbenzene	<0.00086	<0.00089	<0.00087	<0.00087	<0.00089	<0.00088	8.4	47
1,3-Dichlorobenzene	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	2.4	17
1,4-Dichlorobenzene	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	1.8	9.8
1,4-Dioxane	<0.073	<0.076	<0.074	<0.074	<0.076	<0.075	0.1	9.8
2-Butanone	<b>0.0075</b>	<0.0062	<0.0061	<0.0061	<0.0062	<0.0061	NS	NS
Acetone	<b>0.064</b>	<b>0.033</b>	<b>0.058</b>	<b>0.024</b>	<b>0.033</b>	<b>0.034</b>	0.05	100
Benzene	<0.0011	<0.0011	<0.0011	<0.0011	<0.0012	<0.0011	0.06	2.9
Carbon tetrachloride	<0.0024	<0.0025	<0.0024	<0.0024	<0.0025	<0.0025	0.76	1.4
Chlorobenzene	<0.00081	<0.00084	<0.00082	<0.00082	<0.00084	<0.00083	1.1	100
Chloroform	<0.00084	<0.00086	<0.00084	<0.00085	<0.00087	<0.00085	0.37	10
cis-1,2-Dichloroethylene	<0.0022	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	0.25	59
Ethyl Benzene	<0.00081	<0.00084	<0.00082	<0.00082	<0.00084	<0.00083	1	30
Methyl tert-butyl ether (MTBE)	<0.00088	<0.00091	<0.00089	<0.00089	<0.00092	<0.00090	0.93	62
Methylene chloride	<b>0.086</b>	<b>0.029</b>	<b>0.026</b>	<b>0.0092</b>	<b>0.027</b>	<b>0.028</b>	0.05	51
n-Butylbenzene	<0.00074	<0.00077	<0.00075	<0.00075	<0.00077	<0.00076	12	100
n-Propylbenzene	<0.0013	<0.0014	<0.0014	<0.0014	<0.0014	<0.0014	3.9	100
o-Xylene	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	0.26	100
p- & m- Xylenes	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	0.26	100
sec-Butylbenzene	<0.0012	<0.0012	<0.0012	<0.0012	<0.0013	<0.0012	11	100

tert-Butylbenzene	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	5.9	100
Tetrachloroethylene	<0.0012	<0.0012	<0.0012	<0.0012	<0.0013	<0.0012	1.3	5.5
Toluene	<0.00053	<0.00055	<0.00054	<0.00054	<0.00055	<0.00055	0.7	100
trans-1,2-Dichloroethylene	<0.0015	<0.0016	<0.0015	<0.0015	<0.0016	<0.0015	0.19	100
Trichloroethylene	<0.0013	<0.0014	<0.0013	<0.0013	<0.0014	<0.0014	0.47	10
Vinyl Chloride	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	0.02	0.21
Xylenes, Total	<0.0024	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	0.26	100
Total VOCs	0.1575	0.062	0.084	0.0332	0.06	0.062	NS	NS
Semi-Volatiles, NYSDEC Part 375 List								
2-Methylphenol	<0.0660	<0.0679	<0.0666	<0.669	<0.0684	<0.0673	NS	NS
3- & 4-Methylphenols	<0.0807	<0.0831	<0.0814	<0.818	<0.0837	<0.0823	NS	NS
Acenaphthene	<0.104	<0.107	<0.105	<1.05	<0.108	<0.106	20	100
Acenaphthylene	<0.0503	<0.0517	<0.0507	<0.509	<0.0521	<0.0513	100	100
Anthracene	<0.0445	<0.0458	<0.0449	<0.451	<0.0461	<0.0454	100	100
Benzo(a)anthracene	<0.0694	<0.0714	<0.0700	<b>0.956</b>	<0.0719	<0.0708	1	1
Benzo(a)pyrene	<0.0468	<0.0481	<b>0.0731</b>	<b>0.821</b>	<0.0485	<0.0477	1	1
Benzo(b)fluoranthene	<0.0683	<0.0703	<0.0689	<0.692	<0.0708	<0.0696	1	1
Benzo(g,h,i)perylene	<0.0539	<0.0555	<0.0544	<b>0.582</b>	<0.0559	<0.0550	100	100
Benzo(k)fluoranthene	<0.0694	<0.0715	<b>0.0713</b>	<b>0.709</b>	<0.0720	<0.0708	0.8	1
Chrysene	<0.0723	<0.0744	<0.0730	<b>0.945</b>	<0.0749	<0.0737	1	1
Dibenzo(a,h)anthracene	<0.0453	<0.0467	<0.0458	<0.459	<0.0470	<0.0462	0.33	0.33
Dibenzofuran	<0.0579	<0.0596	<0.0584	<0.587	<0.0600	<0.0590	NS	NS
Fluoranthene	<0.104	<0.107	<b>0.149</b>	<b>1.75</b>	<0.108	<0.106	100	100
Fluorene	<0.0503	<0.0517	<0.0507	<0.509	<0.0521	<0.0513	30	100
Hexachlorobenzene	<0.0292	<0.0301	<0.0295	<0.296	<0.0303	<0.0298	NS	NS
Indeno(1,2,3-cd)pyrene	<0.0661	<0.0681	<0.0668	<0.670	<0.0686	<0.0675	0.5	0.5
Naphthalene	<0.0536	<0.0552	<0.0541	<0.543	<0.0555	<0.0547	12	100
Pentachlorophenol	<0.0503	<0.0517	<0.0507	<0.509	<0.0521	<0.0513	0.8	2.4
Phenanthrene	<0.0662	<0.0681	<b>0.1</b>	<b>1.72</b>	<0.0686	<0.0675	100	100
Phenol	<0.0718	<0.0739	<0.0724	<0.727	<0.0744	<0.0732	0.33	100
Pyrene	<b>0.0656</b>	<0.0662	<b>0.125</b>	<b>1.7</b>	<0.0667	<0.0656	100	100
Total SVOCs	0.0656	ND	0.5184	9.183	ND	ND	NS	NS
Pesticides, NYSDEC Part 375 Target List								
4,4'-DDD	<0.00147	<0.00147	<0.00147	<0.00147	0.00147	0.00147	0.0033	2.6

4,4'-DDE	<0.00189	<0.00189	<0.00189	<0.00189	0.00189	0.00189	0.0033	1.8
4,4'-DDT	<0.00148	<0.00148	<b>0.00406</b>	<0.00148	0.00148	0.00148	0.0033	1.7
Aldrin	<0.00211	<0.00211	<0.00211	<0.00211	0.00211	0.00211	0.005	0.019
alpha-BHC	<0.00249	<0.00249	<0.00249	<0.00249	0.00249	0.00249	0.02	0.097
alpha-Chlordane	<0.00186	<0.00186	<0.00186	<0.00186	0.00186	0.00186	0.094	0.91
beta-BHC	<0.00208	<0.00208	<0.00208	<0.00208	0.00208	0.00208	0.036	0.072
delta-BHC	<0.00180	<0.00180	<0.00180	<0.00180	0.00180	0.00180	0.04	100
Dieldrin	<0.00195	<0.00195	<0.00195	<0.00195	0.00195	0.00195	0.005	0.039
Endosulfan I	<0.00160	<0.00160	<0.00160	<0.00160	0.00160	0.00160	2.4	4.8
Endosulfan II	<0.00202	<0.00202	<0.00202	<0.00202	0.00202	0.00202	2.4	4.8
Endosulfan sulfate	<0.00169	<0.00169	<0.00169	<0.00169	0.00169	0.00169	2.4	4.8
Endrin	<0.00200	<0.00200	<0.00200	<0.00200	0.00200	0.00200	0.014	2.2
gamma-BHC (Lindane)	<0.00229	<0.00229	<0.00229	<0.00229	0.00229	0.00229	NS	NS
Heptachlor	<0.00263	<0.00263	0.00263	0.00263	0.00263	0.00263	0.042	0.42
Polychlorinated Biphenyls (PCB)								
Aroclor 1016	<0.00850	<0.00875	<0.00858	<b>0.0536</b>	<0.00881	<0.00867	NS	NS
Aroclor 1221	<0.00850	<0.00875	<0.00858	<0.00861	<0.00881	<0.00867	NS	NS
Aroclor 1232	<0.00850	<0.00875	<0.00858	<0.00861	<0.00881	<0.00867	NS	NS
Aroclor 1242	<0.00850	<0.00875	<0.00858	<0.00861	<0.00881	<0.00867	NS	NS
Aroclor 1248	<0.00850	<0.00875	<0.00858	<0.00861	<0.00881	<0.00867	NS	NS
Aroclor 1254	<0.00732	<0.00753	<0.00739	<b>0.0431</b>	<0.00759	<0.00746	NS	NS
Aroclor 1260	<0.00732	<0.00753	<0.00739	<b>0.0825</b>	<0.00759	<0.00746	NS	NS
Aroclor 1262	<0.00732	<0.00753	<0.00739	<0.00741	<0.00759	<0.00746	NS	NS
Aroclor 1268	<0.00732	<0.00753	<0.00739	<0.00741	<0.00759	<0.00746	NS	NS

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

*mg/kg...milligrams per kilogram*

**Table 3**  
**Shallow Soil Samples Inorganic Analytical Results**  
**1309 38th Street, Brooklyn, NY**

Sample ID	SP-2 (0'-2')	SP-3 (0'-2')	SP-4 (0'-2')	SP-5 (0'-2')	SP-6 (0'-2')	SP-7 (0'-2')	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Residential
Sampling Date	11/8/2011	11/9/2011	11/8/2011	1/11/2012	11/8/2011	11/8/2011		
Matrix	Soil	Soil						
Units	mg/kg dry	mg/Kg	mg/Kg					
Metals								
Aluminum	<b>8,130</b>	<b>13,500</b>	<b>14,700</b>	<b>8,930</b>	<b>15,400</b>	<b>13,300</b>	NS	NS
Antimony	<b>5.15</b>	<b>0.664</b>	<0.169	<0.168	<0.173	<0.173	NS	NS
Arsenic	<b>18.1</b>	<b>9.96</b>	<b>7.45</b>	<b>9.88</b>	<b>7.75</b>	<b>23.6</b>	13	16
Barium	<b>392</b>	<b>107</b>	<b>50.2</b>	<b>208</b>	<b>101</b>	<b>97.3</b>	350	350
Beryllium	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	7.2	14
Cadmium	<b>7.67</b>	<0.163	<0.157	<b>32.0</b>	<0.161	<0.161	2.5	2.5
Calcium	<b>3,600</b>	<b>2,000</b>	<b>1,150</b>	<b>4,880</b>	<b>2,640</b>	<b>2,630</b>	NS	NS
Chromium	<b>133</b>	<b>16.8</b>	<b>17.1</b>	<b>26.2</b>	<b>14.9</b>	<b>13.0</b>	NS	NS
Cobalt	<b>11.3</b>	<b>6.03</b>	<b>8.62</b>	<b>6.73</b>	<b>7.17</b>	<b>4.76</b>	NS	NS
Copper	<b>226</b>	<b>56.5</b>	<b>14.8</b>	<b>100</b>	<b>282</b>	<b>18.8</b>	50	270
Iron	<b>84,300</b>	<b>17,800</b>	<b>24,900</b>	<b>31,400</b>	<b>19,600</b>	<b>30,700</b>	NS	NS
Lead	<b>1,150</b>	<b>506</b>	<b>26.1</b>	<b>356</b>	<b>57.5</b>	<b>70.1</b>	63	400
Magnesium	<b>1,930</b>	<b>2,200</b>	<b>2,430</b>	<b>2,330</b>	<b>2100</b>	<b>1,860</b>	NS	NS
Manganese	<b>925</b>	<b>192</b>	<b>283</b>	<b>372</b>	<b>662</b>	<b>550</b>	1,600	2,000
Nickel	<b>106</b>	<b>19.9</b>	<b>22.4</b>	<b>71.6</b>	<b>18.9</b>	<b>17.8</b>	30	140
Potassium	<b>542</b>	<b>799</b>	<b>662</b>	<b>621</b>	<b>876</b>	<b>655</b>	NS	NS
Selenium	<0.263	<b>1.45</b>	<b>2.06</b>	<b>2.17</b>	<b>1.28</b>	<b>1.25</b>	3.9	36
Silver	<0.112	<0.113	<0.109	<0.108	<0.111	<0.111	2	36
Sodium	<b>143</b>	<b>183</b>	<b>75.0</b>	<b>188</b>	<b>193</b>	<b>140</b>	NS	NS
Thallium	<0.237	<0.238	<0.230	<0.228	<0.235	<0.235	NS	NS
Vanadium	<b>32.4</b>	<b>25.8</b>	<b>29.7</b>	<b>30.9</b>	<b>24.8</b>	<b>22.3</b>	NS	NS
Zinc	<b>775</b>	<b>66.4</b>	<b>78.0</b>	<b>457</b>	<b>55.3</b>	<b>45.3</b>	109	2,200
Mercury by 7470/7471								
Mercury	<0.121	<b>0.225</b>	<0.117	<0.116	<0.120	<0.120	0.18	0.81

Total Solids %								
% Solids	<b>80.2</b>	<b>79.9</b>	<b>82.7</b>	<b>83.3</b>	<b>80.9</b>	<b>80.8</b>	NS	NS
Chromium, Trivalent								
Chromium, Trivalent	<b>133</b>	<b>16.8</b>	<b>17.1</b>	<b>26.2</b>	<b>14.9</b>	<b>13.0</b>	30	36
Chromium, Hexavalent								
Chromium, Hexavalent	<0.436	<0.438	<0.423	<0.420	<0.433	<0.433	1	22

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

*mg/kg...milligram per kilogram*

**Table 4**  
**Deep Soil Samples Inorganic Analytical Results**  
**1309 38th Street, Brooklyn, NY**

Sample ID	SP-2 (6'-8')	SP-3 (6'-8')	SP-4 (6'-8')	SP-5 (6'-8')	SP-6 (6'-8')	SP-7 (6'-8')	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Residential
Sampling Date	11/8/2011	11/9/2011	11/8/2011	1/11/2012	11/8/2011	11/8/2011		
ClientMatrix	Soil	Soil						
Units	mg/kg dry	mg/Kg	mg/Kg					
Aluminum	<b>13,200</b>	<b>11,500</b>	<b>7,580</b>	<b>9,810</b>	<b>9,790</b>	<b>12,700</b>	NS	NS
Antimony	<0.151	<0.155	<0.152	<0.153	<0.156	<0.154	NS	NS
Arsenic	<b>4.76</b>	<b>5.01</b>	<b>3.50</b>	<b>4.83</b>	<b>3.39</b>	<b>4.06</b>	13	16
Barium	<b>65.6</b>	<b>59.5</b>	<b>45.2</b>	<b>140</b>	<b>70.8</b>	<b>71.6</b>	350	350
Beryllium	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	7.2	14
Cadmium	<0.140	<0.144	<0.141	<b>4.83</b>	<0.145	<0.143	2.5	2.5
Calcium	<b>2,630</b>	<b>1,780</b>	<b>6,090</b>	<b>2,230</b>	<b>1,220</b>	<b>2,420</b>	NS	NS
Chromium	<b>29.3</b>	<b>39.0</b>	<b>15.7</b>	<b>16.2</b>	<b>26.7</b>	<b>33.1</b>	NS	NS
Cobalt	<b>11.9</b>	<b>15.6</b>	<b>9.42</b>	<b>10.8</b>	<b>10.0</b>	<b>13.5</b>	NS	NS
Copper	<b>29.2</b>	<b>51.0</b>	<b>21.5</b>	<b>60.3</b>	<b>25.9</b>	<b>29.5</b>	50	270
Iron	<b>19,100</b>	<b>21,300</b>	<b>15,700</b>	<b>21,900</b>	<b>17,700</b>	<b>25,000</b>	NS	NS
Lead	<b>26.3</b>	<b>13.0</b>	<b>18.1</b>	<b>213</b>	<b>12.0</b>	<b>8.43</b>	63	400
Magnesium	<b>7,250</b>	<b>6,360</b>	<b>3,890</b>	<b>3,740</b>	<b>5,020</b>	<b>5,940</b>	NS	NS
Manganese	<b>318</b>	<b>635</b>	<b>404</b>	<b>919</b>	<b>480</b>	<b>461</b>	1,600	2,000
Nickel	<b>46.4</b>	<b>184</b>	<b>32.4</b>	<b>51.1</b>	<b>49.1</b>	<b>55.9</b>	30	140
Potassium	<b>2,740</b>	<b>1,260</b>	<b>1,430</b>	<b>894</b>	<b>2,160</b>	<b>2,570</b>	NS	NS
Selenium	<0.227	<b>1.02</b>	<b>0.753</b>	<b>1.27</b>	<b>1.18</b>	<b>0.232</b>	3.9	36
Silver	<0.097	<0.100	<0.098	<0.098	<0.100	<0.099	2	36
Sodium	<b>171</b>	<b>189</b>	<b>119</b>	<b>123</b>	<b>189</b>	<b>168</b>	NS	NS
Thallium	<0.204	<0.210	<0.206	<0.207	<0.212	<0.209	NS	NS
Vanadium	<b>40.3</b>	<b>44.2</b>	<b>22.3</b>	<b>26.1</b>	<b>35.3</b>	<b>57.1</b>	NS	NS
Zinc	<b>62.1</b>	<b>102</b>	<b>56.7</b>	<b>173</b>	<b>49.4</b>	<b>51.9</b>	109	2,200
Mercury by 7470/7471								
Mercury	<0.104	<0.107	<0.105	<0.106	<0.108	<0.106	0.18	0.81

Total Solids								
% Solids	<b>92.9</b>	<b>90.3</b>	<b>92.1</b>	<b>91.7</b>	<b>89.6</b>	<b>91.1</b>	NS	NS
Chromium, Trivalent								
Chromium, Trivalent	<b>29.3</b>	<b>39.0</b>	<b>10.0</b>	<b>16.2</b>	<b>26.7</b>	<b>33.1</b>	30	36
Chromium, Hexavalent								
Chromium, Hexavalent	<0.377	<0.388	<b>5.65</b>	<0.382	<0.390	<0.384	1	22

NS=this indicates that no regulatory standard has been established for this analyte  
*mg/kg...milligram per kilogram*

**Table 5**  
**Groundwater Samples Organic Analytical Results**  
**1309 38th Street, Brooklyn, NY**

Sample Identification	MW-3	NYSDEC TOGS 1.1.1 Groundwater Quality Standard
Sample Date	1/19/2012	
Sample Matrix	Groundwater	
Units	ug/L	ug/L
<b>Volatile Organic Compounds</b>		
1,1,1-Trichloroethane	<0.043	5
1,1-Dichloroethane	<0.056	5
1,1-Dichloroethylene	<0.057	NS
1,2,4-Trimethylbenzene	<0.063	5
1,2-Dichlorobenzene	<0.065	3
1,2-Dichloroethane	<0.072	5
1,3,5-Trimethylbenzene	<0.038	5
1,3-Dichlorobenzene	<0.050	3
1,4-Dichlorobenzene	<0.037	3
1,4-Dioxane	<4.1	NS
2-Butanone	<b>0.71</b>	NS
Acetone	<b>3.2</b>	NS
Benzene	<0.039	1
Carbon tetrachloride	<0.045	5
Chlorobenzene	<0.028	5
Chloroform	<b>4.0</b>	7
cis-1,2-Dichloroethylene	<0.030	NS
Ethylbenzene	<0.036	5
Methyl-t-butyl ether	<0.081	10
Methylene chloride	<b>0.49</b>	5
n-Butylbenzene	<0.028	5
n-Propylbenzene	<0.075	NS
o-Xylene	<0.031	5
m,p-Xylene	<0.086	5
sec-Butylbenzene	<0.066	5
tert-Butylbenzene	<0.046	5
Tetrachloroethylene	<0.054	NS
Toluene	<0.063	5
trans-1,2-Dichloroethylene	<0.055	NS
Trichloroethylene	<0.067	NS
Vinyl chloride	<0.060	2
Xylenes, Total	<0.12	NS
<b>Semivolatile Organic Compounds</b>		
2-Methylphenol	<1.01	NS
3,4-Methylphenol	<4.37	NS
Acenaphthene	<0.0381	20
Acenaphthylene	<0.0503	NS
Anthracene	<0.0541	50
Benzo(a)anthracene	<0.0478	NS

Benzo(a)pyrene	<0.0570	NS
Benzo(b)fluoranthene	<0.0485	0.002
Benzo(g,h,i)perylene	<0.0488	NS
Benzo(k)fluoranthene	<0.0407	0.002
Chrysene	<0.0489	0.002
Dibenzo(a,h)anthracene	<0.0365	NS
Dibenzofuran	<3.41	NS
Fluoranthene	<0.0188	50
Fluorene	<b>0.588</b>	50
Hexachlorobenzene	<0.0348	0.04
Indeno(1,2,3-cd)pyrene	<0.0323	0.002
Naphthalene	<4.54	10
Pentachlorophenol	<0.443	1
Phenanthrene	<0.0426	50
Phenol	<3.85	1
Pyrene	<0.0282	50
<b>Pesticides</b>		
4,4-DDD	<0.00112	0.3
p,p-DDE	<0.00118	0.2
p,p-DDT	<0.000988	0.2
Aldrin	<0.00102	NS
a BHC	<0.00113	NS
Chlordane	<0.000776	0.05
b BHC	<0.000929	NS
d BHC	<0.00113	NS
Dieldrin	<b>0.00359</b>	0.004
Endosulfan I	<0.000929	NS
Endosulfan II	<0.000988	NS
Endosulfan Sulfate	<0.0112	NS
Endrin	<0.00111	NS
g BHC (lindane)	<0.00113	NS
Heptachlor	<0.00112	0.04
<b>PCBs</b>		
Aroclor 1016	<0.0427	0.09
Aroclor 1221	<0.0427	0.09
Aroclor 1232	<0.0427	0.09
Aroclor 1242	<0.0427	0.09
Aroclor 1248	<0.0427	0.09
Aroclor 1254	<0.0496	0.09
Aroclor 1260	<0.0496	0.09
Aroclor 1262	<0.0496	0.09
Aroclor 1268	<0.0496	0.09
Total PCBs	<0.0427	5

NS...No Standard

ug/L...micrograms per Liter

ND...not detected

**Table 6**  
**Groundwater Samples Inorganic Analytical Results**  
**1309 38th Street, Brooklyn, NY**

Sample Identification	MW-3 Filtered	MW-3 Unfiltered	NYSDEC TOGS 1.1.1 Groundwater Quality Standard
Sample Date	1/19/2012	1/19/2012	
Sample Matrix	Groundwater	Groundwater	
Units	ug/L	ug/L	ug/L
Aluminum	<7	<b>305,000</b>	NS
Antimony	<2	<2	3
Arsenic	<1	<b>260</b>	25
Barium	<b>107</b>	<b>4,730</b>	1,000
Beryllium	<0.9	<0.9	3
Cadmium	<1	<b>41</b>	5
Calcium	<b>81,000</b>	<b>343,000</b>	NS
Chromium	<0.9	<b>726</b>	50
Cobalt	<1	<b>1,130</b>	NS
Copper	<2	<b>2,150</b>	200
Iron	<6	<b>764,000</b>	300
Lead	<1	<b>2,610</b>	25
Magnesium	<b>50,600</b>	<b>544,000</b>	35,000
Manganese	<b>589</b>	<b>38,700</b>	300
Nickel	<b>34</b>	<b>6,150</b>	100
Potassium	<b>9,450</b>	<b>102,000</b>	NS
Selenium	<2	<2	10
Silver	<1	<1	50
Sodium	<b>56,400</b>	<b>74,400</b>	20,000
Thallium	<2	<2	0.5
Vanadium	<1	<b>853</b>	NS
Zinc	<0.09	<b>4,610</b>	5,000
Mercury by 7470/7471			
Mercury	<0.039	<b>4</b>	0.7
Chromium Hexavalent			
Chromium, Hexavalent	<6	-	50
Trivalent Chromium			
Chromium, Trivalent	<8	-	50

NS...No Standard

ug/L...micrograms per Liter

ND...not detected

Shaded values represent concentration exceeding the GQS

**Table 7**  
**Soil Vapor Samples Organic Analytical Results**  
**1309 38th Street, Brooklyn, New York**

Sample ID	Y-69 (SV-3)	Y-51 (SV-2)	Y-17 (SV-5)	Y-84 (SV-4)	S-24 (SV-1)	NYSDOH Background Standards <sup>1</sup>
Sampling Date	11/9/2011	11/9/2011	11/9/2011	11/9/2011	11/9/2011	
Matrix	Soil Vapor					
Units	ug/m <sup>3</sup>	Indoor <sup>2</sup>				
Volatile Organics, EPA TO15 Full List						ug/m <sup>3</sup>
1,1,1-Trichloroethane	<2.5	<2.3	<2.6	<15	<2.9	<0.25 - 1.1
1,1,2,2-Tetrachloroethane	<4.2	<3.8	<4.3	<25	<4.8	<0.25
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	<1.4	<1.3	<1.4	<8.2	<1.6	NS
1,1,2-Trichloroethane	<3.5	<3.2	<3.6	<21	<4.0	<0.25
1,1-Dichloroethane	<1.2	<1.1	<1.3	<7.4	<1.4	<0.25
1,1-Dichloroethylene	<1.5	<1.4	<1.6	<9.1	<1.7	NS
1,2,4-Trichlorobenzene	<4.2	<3.8	<4.3	<25	<4.8	<0.25
1,2,4-Trimethylbenzene	<b>540</b>	<b>260</b>	<b>190</b>	<9.0	<1.7	0.69 - 4.3
1,2-Dichlorobenzene	<3.9	<3.5	<3.9	<23	<4.4	<0.25
1,2-Dichloroethane	<2.5	<2.3	<2.5	<15	<2.8	<0.25
1,2-Dichloropropane	<2.6	<2.4	<2.7	<16	<3.0	<0.25
1,2-Dichlorotetrafluoroethane	<3.0	<2.8	<3.1	<18	<3.5	25 - 75
1,3,5-Trimethylbenzene	<b>120</b>	<b>62</b>	<b>45</b>	<9.8	<1.9	0.27 -1.7
1,3-Butadiene	<1.7	<1.5	<1.7	<9.9	<1.9	NS
1,3-Dichlorobenzene	<2.8	<2.5	<2.8	<17	<3.2	<0.25
1,4-Dichlorobenzene	<3.4	<3.1	<3.5	<20	<3.9	<0.25 - 0.54
1,4-Dioxane	<8.3	<7.6	<8.5	<49	<9.4	NS
2,2,4-Trimethylpentane	<1.4	<1.3	<1.5	<b>10,000</b>	<b>38</b>	NS
2-Butanone	<b>51</b>	<b>36</b>	<b>36</b>	<18	<3.4	NS
2-Hexanone	<5.8	<5.2	<5.9	<34	<6.6	NS
3-Chloropropene	<1.4	<1.3	<1.5	<8.6	<1.6	NS
4-Methyl-2-pentanone	<3.8	<3.4	<3.9	<22	<4.3	NS
Acetone	<b>530</b>	<b>390</b>	<b>520</b>	<b>3,400</b>	<b>180</b>	10 - 52
Benzene	<b>25</b>	<b>20</b>	<b>22</b>	<7.3	<b>10</b>	1.1 - 5.9
Benzyl chloride	<1.6	<1.4	<1.6	<9.5	<1.8	NS
Bromodichloromethane	<3.8	<3.5	<3.9	<23	<4.3	NS

Bromoform	<4.8	<4.3	<4.9	<28	<5.4	NS
Bromomethane	<1.2	<1.1	<1.2	<7.1	<1.4	<0.25
Carbon disulfide	<0.96	<0.87	<0.98	<b>240</b>	<b>21</b>	NS
Carbon tetrachloride	<1.9	<1.8	<2.0	<12	<2.2	<0.25 - 0.59
Chlorobenzene	<2.1	<1.9	<2.2	<13	<2.4	<0.25
Chloroethane	<0.81	<0.74	<0.83	<4.8	<0.92	NS
Chloroform	<1.9	<1.7	<1.9	<11	<2.1	<0.25 - 0.54
Chloromethane	<1.6	<1.4	<1.6	<9.5	<1.8	<0.25 - 1.8
cis-1,2-Dichloroethylene	<1.7	<1.6	<1.8	<10	<2.0	NS
cis-1,3-Dichloropropylene	<2.9	<2.6	<3.0	<17	<3.3	NS
Cyclohexane	<1.1	<0.96	<1.1	<b>540</b>	<1.2	<0.25 - 2.6
Dichlorodifluoromethane	<3.2	<2.9	<3.2	<19	<3.6	<0.25 - 4.1
Ethyl acetate	<2.3	<2.1	<2.4	<14	<2.6	NS
Ethyl Benzene	<b>140</b>	<b>110</b>	<b>97</b>	<12	<2.3	0.41 - 2.8
Hexachlorobutadiene	<4.9	<4.5	<5.0	<29	<5.6	NS
Isopropanol	<2.2	<2.0	<2.2	<13	<2.5	NS
Methyl tert-butyl ether (MTBE)	<1.1	<1.0	<1.1	<6.6	<1.3	<0.25 - 5.6
Methylene chloride	<b>51</b>	<b>28</b>	<2.2	<b>1,700</b>	<b>53</b>	0.31 - 6.6
n-Heptane	<b>51</b>	<b>40</b>	<b>43</b>	<b>1,500</b>	<1.4	1.0 - 7.6
n-Hexane	<b>36</b>	<b>24</b>	<b>25</b>	<b>8,600</b>	<1.2	0.63 - 6.0
o-Xylene	<b>210</b>	<b>140</b>	<b>120</b>	<12	<2.3	0.39 - 3.1
p- & m- Xylenes	<b>610</b>	<b>430</b>	<b>370</b>	<23	<4.3	0.50 - 4.6
p-Ethyltoluene	<b>370</b>	<b>210</b>	<b>160</b>	<14	<2.6	NS
Propylene	<2.0	<1.8	<2.1	<12	<2.3	NS
Styrene	<2.0	<1.8	<2.0	<12	<2.2	<0.25 - 0.64
Tetrachloroethylene	<2.1	<1.9	<2.1	<12	<b>55</b>	NS
Tetrahydrofuran	<b>58</b>	<b>38</b>	<b>39</b>	<11	<2.1	<0.25 - 0.35
Toluene	<b>420</b>	<b>350</b>	<b>340</b>	<b>130</b>	<2.6	3.5 - 24.8
trans-1,2-Dichloroethylene	<1.2	<1.1	<1.2	<7.3	<1.4	NS
trans-1,3-Dichloropropylene	<2.1	<1.9	<2.1	<12	<2.4	NS
Trichloroethylene	<1.7	<1.5	<1.7	<9.8	<1.9	NS
Trichlorofluoromethane (Freon 11)	<0.86	<0.79	<0.88	<5.1	<0.98	1.1 - 5.4
Vinyl acetate	<1.4	<1.2	<1.4	<8.1	<1.5	NS
Vinyl bromide	<1.7	<1.5	<1.7	<10	<1.9	NS

Vinyl Chloride	<1.6	<1.4	<1.6	<9.4	<1.8	<0.25
Helium %						
Helium	<b>0.61</b>	<b>0.53</b>	<0.50	<0.50	<0.50	NS

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

**Table-8**  
**Analytical Methods Summary Table**  
**1309 38th Street, Brooklyn, NY**

Matrix	Number of Samples	Analytical Parameters Used	Analytical Methods
Soil	12	VOCs, SVOCs, PCBs/Pesticides, TAL Metals, Chromium Trivalent, Chromium Hexavalent	EPA Method 8260, EPA Method 8270, EPA Method 8081/8082
Groundwater	1	VOCs, SVOCs, PCBs/Pesticides, TAL Metals (filtered and unfiltered), Chromium Trivalent, Chromium Hexavalent	EPA Method 8260, EPA Method 8270, EPA Method 8081/8082
Soil Vapor	5	VOCs	TO-15
Trip Blank	1	VOCs	EPA Method 8260
Field Blank	1	VOCs, SVOCs, PCBs/Pesticides, TAL Metals, Chromium Trivalent, Chromium Hexavalent	EPA Method 8260, EPA Method 8270, EPA Method 8081/8082

## **APPENDICES**

**APPENDIX A**  
**PHASE I ESA REPORT**



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## PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

1309-1321 38<sup>th</sup> Street  
Brooklyn, NY  
Block 5300, Lot 8 & 70



### Prepared For

M&Y Developers  
713 Bedford Avenue, Apt. 1  
Brooklyn, NY 11206

**May 13, 2011**

**Job No. 110077**

**PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT**

**1309-1321 38<sup>th</sup> Street  
Brooklyn, NY  
Block 5300, Lot 8 & 70**

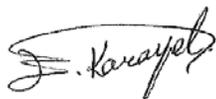
**May 13, 2011**

Hydro Tech Environmental, Corp. appreciates the opportunity to work for M&Y Developers at the above-referenced property.

Should you require any additional information or have any comments regarding the contents of this report, please feel free to contact our office at your convenience.

We declare that, to the best of my professional knowledge and belief, HTE personnel meet the definition of an environmental professional as defined in §312.10 of 40 C.F.R. 312, and we have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 C.F.R. Part 312.

Very Truly Yours,  
**Hydro Tech Environmental, Corp.**



X \_\_\_\_\_  
Ezgi Karayel  
Project Engineer



X \_\_\_\_\_  
Paul I. Matli  
Senior Project Manager



X \_\_\_\_\_  
Mark E. Robbins, C.P.G., C.E.I.  
Senior Vice President

**TABLE OF CONTENTS**

	<b>Page Number</b>
<b>1.0 Executive Summary .....</b>	<b>1</b>
<b>2.0 Introduction &amp; Scope of Work.....</b>	<b>2</b>
2.1 Introduction .....	2
2.2 Scope of Work.....	2
2.3 Limitations, Deviations and Exceptions.....	2
<b>3.0 Subject Property Description .....</b>	<b>4</b>
3.1 Subject Property Vicinity .....	4
3.2 Subject Property Details .....	4
3.3 Adjacent Land Use.....	4
3.4 Proximity to Environmentally Sensitive Areas .....	4
3.5 Environmental Setting.....	5
<b>4.0 Site Reconnaissance.....</b>	<b>7</b>
<b>5.0 Regulatory Agency Documents .....</b>	<b>9</b>
<b>6.0 Site History.....</b>	<b>11</b>
6.1 Sanborn Maps .....	11
6.2 City Directory Search.....	11
6.3 Previous Studies.....	11
6.4 Historical Use Summary .....	12
<b>7.0 Neighborhood Hazardous Waste Databases.....</b>	<b>13</b>
<b>8.0 Interviews &amp; User/Client-Provided Information .....</b>	<b>15</b>
8.1 Past and Present Site Associates.....	15
<b>9.0 Conclusions.....</b>	<b>17</b>
<b>10.0 Recommendations.....</b>	<b>18</b>
<b>11.0 Credentials.....</b>	<b>19</b>
11.1 Credentials .....	19
11.2 Environmental Professional Declaration.....	19
<b>12.0 References .....</b>	<b>20</b>
<b>13.0 Exclusions &amp; Disclaimer .....</b>	<b>21</b>

**Figures**

1. Site Plan

**Appendices**

- A. Photographs
- B. Regulatory Agency Documents
- C. Fire Insurance Maps
- D. City Directory Search
- E. Database Search Results
- F. Historical Documents
- G. Phase I Questionnaire
- H. Credentials

## **1.0 EXECUTIVE SUMMARY**

Hydro Tech Environmental, Corp. (Hydro Tech) has performed a Phase I Environmental Site Assessment (Phase I ESA) at the Subject Property. The Phase I ESA was performed to meet or surpass the American Standard of Testing Materials Standard for Phase I Environmental Site Assessments E 1527-05. The purpose of the assessment was to characterize the environmental quality of the Subject Property through the identification of Recognized Environmental Conditions. All work was performed under the supervision of a Hydro Tech Project Manager and under the guidance of a Hydro Tech geologist.

The results of the Phase I Environmental Site Assessment are contained in this report. The Phase I Environmental Site Assessment has revealed the following Recognized Environmental Conditions (RECs) at the Subject Property:

- The presence of auto repair facility at the Subject Property (§ 3.2)
- Little "E" designation listing of the Subject Property as HAZMAT/AIR (§ 5.0)
- The presence of elevated levels of semi-volatile organic compounds (SVOCs) in the soil in the northeast, west and southern portions of the Site. (§ 6.3)
- The presence of a suspect UST (§ 6.0)

No effort has been made to perform any investigation beyond what is included in this Report. The observations and conclusions included herein summarize the results of the Phase I Environmental Site Assessment up to the date of the fieldwork and the date of this Report.

The following sections provide the details and specific information pertaining to the various components of the Phase I Environmental Site Assessment.

## **2.0 INTRODUCTION & SCOPE OF WORK**

### **2.1 Introduction**

Hydro Tech Environmental, Corp. (Hydro Tech, the **“Preparer”**) has been retained by M&Y Developers, Inc. (the **“User”**) to perform a Phase I Environmental Site Assessment at the property located at 1309-1321 38<sup>th</sup> Street in Brooklyn, New York. The Phase I was prepared for the purpose of submitting to the NYCOER for the upcoming new development at the property. The User is the **“owner”** of the property. The property will hereafter be referred to as the **“Subject Property”**.

The purpose of a Phase I Assessment is to characterize the environmental quality of the Subject Property through the determination of the presence of Recognized Environmental Conditions (RECs). As defined by the American Society of Testing and Materials (ASTM), a REC is, “the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater or surface water of the property” (ASTM E 1527-05, §1.1.1). Similarly, the goal of an AAI-compliant Phase I Assessment is to identify “conditions indicative of releases or threatened releases of hazardous substances...” (40 CFR Part 312).

To this end, Hydro Tech has collected information through a number of sources including, but not limited to: a property and neighborhood inspection by trained environmental personnel, a review of historical and current information collected from various federal, state, county and municipal agencies and personnel interviews with Site representatives. Recommendations are offered where prudent. Firms subcontracted by Hydro Tech and the User may have collected some information used in this report. Some or all of the Assessment has been performed or supervised by environmental professionals as required by 40 CFR Part 310. The procurement of Title and Judicial Records for Environmental Liens and/or Activity and Use Limitations (“AULs”) by HTE is beyond the scope of this practice (ASTM E1527-05) and investigation.

### **2.2 Scope of Work**

The general activities of the Phase I Assessment included the performance of the following tasks:

1. A detailed inspection of the Site and its general vicinity.
2. A review of all reasonably ascertainable regulatory agency documents.
3. A neighborhood hazardous waste survey utilizing Federal and State databases.
4. A review and evaluation of reasonably ascertainable geologic and hydrogeologic reference materials.
5. Interviews with representatives of the Site.
6. The preparation of a Phase I Environmental Site Assessment Report.

The Phase I ESA was performed in accordance with both ASTM E 1527 and the AAI Rule except where noted in Section 2.3 and Hydro Tech’s Proposal. As required by ASTM & AAI, the user has supplied information that has been relied upon by Hydro Tech in the rendering of findings, conclusions and opinions, except where indicated in Section 2.3 or elsewhere in the report.

### **2.3 Limitations, Deviations and Exceptions**

In addition to those items outlined by ASTM E 1527 and the AAI rule, asbestos, radon, lead-based paint and lead in water were also considered in the scope of work. While this Phase I Assessment provides information with respect to both asbestos and lead-based paint, the presence of these materials can only be confirmed through the collection and analysis of bulk samples.

This report is not intended to serve as a full asbestos survey or lead-based paint survey. These surveys are commonly performed for the purpose of building demolition/renovation or the recognition/identification of any building materials that may contain asbestos or lead-based paint and it is recommended that they be performed prior to any such work.

Business Environmental Risks have not been considered and are not included in the scope of work. This Phase I Assessment is not intended to address the soil/groundwater quality at the Subject Property for general Site characterization or waste disposal purposes. This Phase I Assessment is not intended to evaluate the fair market price of the property if it is not affected by hazardous or petroleum products.

Portions of this report have been prepared utilizing information provided by third party sources or the user. As such, Hydro Tech relies upon these sources and has recorded findings, conclusions and opinions based upon this information. Hydro Tech cannot attest to the accuracy of this information but where possible had attempted to verify the information.

This Phase I ESA Report is not intended to serve or be construed as a regulatory compliance report for the property. No legal opinions are provided with this report. This Phase I is not intended to address soil vapor intrusion conditions.

It should be noted that the USEPA has determined in their final ruling (40 C.F.R. Part 312, Standards and Practices for All Appropriate Inquiries) of November 1, 2005 that "persons conducting all appropriate inquiries may use the procedures included in the ASTM E1527-05 standard to comply with today's final rule." Therefore, while all appropriate inquiry could be considered satisfied as this ESA was prepared in exceedances(s) of the ASTM E1527-05 standard, persons attempting to utilize this ESA while seeking one of CERCLA's LLPs must note that; a) they will not maintain CERCLA liability protections unless they also comply with all of the continuing obligations established under the statute that are beyond the scope of this practice (ASTM E1527-05) and investigation; and b) in order to qualify for one of the CERCLA LLPs, the person commissioning the Phase I Environmental Site Assessment must have provided site-specific information (if available) to Hydro Tech before the date of this ESA, otherwise a determination could be made that all appropriate inquiry is not complete.

### 3.0 SUBJECT PROPERTY DESCRIPTION

#### 3.1 Subject Property Vicinity

The Subject Property is located on the northeast side of 38<sup>th</sup> Street, between 13<sup>th</sup> Avenue and 14<sup>th</sup> Avenue, in the Borough of Brooklyn, New York. The Borough of Brooklyn is situated in the southeastern portion of the City of New York. The Prospect Park is located approximately 1.5 mile to the northeast of the Site.

The vicinity of the Subject Property consists of commercial and residential properties. The ground surfaces in the vicinity of the Site consist of asphalt and concrete.

#### 3.2 Subject Property Description

The main address of the Subject Property is identified as 1309-1321 38<sup>th</sup> Street, Brooklyn, New York, and is further described as Block 5300 and Lots 8 and 70. The property is a rectangular-shaped lot that is approximately 21,000 square feet in size. The Subject Property consists of two 1-story brick buildings, a metal shed and an open concrete paved truck parking area. One building is located in the western portion of the Site. This building is approximately 3,500 square feet in area and is subdivided into four sections. One section is currently utilized as an office space. The remaining sections are utilized as an auto repair facility. The second building is approximately 240 square feet in area and is located in the southeastern portion. This building is currently vacant. The metal shed is approximately 920 square feet in area and is located in the southeastern portion. No access could be provided to the metal shed for inspection. The current utilization of the Subject Property as an auto repair facility and the limited access to the shed should be considered a RECs.

Access to the Subject Property is via 38<sup>th</sup> Street to the southwest. The Subject Property is enclosed by a fence along 38<sup>th</sup> Street and along the southeastern and northeastern boundaries. The subject Property is currently connected to the New York City water, gas or electric services, with these services entering the Subject property underground from 38<sup>th</sup> Street.

The ground surfaces at the Subject Property consist of concrete. The topography of the Subject Property and its vicinity is generally level. **Figure 1** provides a Site Plan.

#### 3.3 Adjacent Land Use

The Subject Property is located in a residential and commercial area. The following properties were identified immediately adjacent to the Site:

<b>Direction</b>	<b>Adjacent Parcel</b>	<b>Surrounding Parcels</b>
Northwest	Multiple 3-story mixed used residential and store buildings	Residential/Commercial
Southeast	Parking lot	
Southeast	1-story Jewish school building	
Southwest	5-story office building	

Hydro Tech does not believe that the present uses of the adjacent properties identified above should impact upon the environmental quality of the Subject Property.

#### 3.4 Proximity to Environmentally Sensitive Areas

The results of the Site inspection and an evaluation of the United States Geological Survey (USGS) 7-½ Minute Topographic Map containing the properties indicate two (2) environmentally sensitive receptors are present within ⅛ mile radius of the Subject Property. One receptor is the

southeast-adjacent 1-story Jewish school building and the second receptor is identified as Yeshiva Beis Meir (Boys) located in the southwestern vicinity to the Subject Property. Hydro Tech believes that the Subject Property should not impact upon the environmental quality of the sensitive receptors.

### 3.5 Environmental Setting

The Site is located in the central portion of the Borough of Brooklyn, New York. The elevation of the Subject Property is approximately 59 feet above mean sea level (USGS 7 ½-Minute Brooklyn, New York Quadrangle, 1969, Photorevised 1979).

Brooklyn, New York is located in the western portion of Long Island. Long Island consists of a wedge-shaped mass of unconsolidated deposits that overlie ancient basement rock. The thickness of these deposits ranges from approximately 100 feet on the Island's north shore to approximately 2,000 feet in some portions of the south shore. These deposits contain ground water that is the sole source of drinking water for the Island's over 3.1 million residents.

The major landforms of Long Island of importance to the hydrologic system are the moraines and outwash plains, which originated from glacial activity. The moraines represent the farthest extent of the glacial advances. The moraines consist of till, which is a poorly sorted mixture of sand, silt, clay, gravel and boulders. The till is poor to moderately permeable in most areas. Outwash plains are located to the south of the moraines. The outwash plains were formed by the action of glacial melt water streams, which eroded the headland material of the moraines and laid down deposits of well-sorted sands, silts and gravels. These outwash deposits have a moderate to high permeability.

The **Upper Glacial Aquifer** is the uppermost hydrogeologic unit. This aquifer encompasses the moraine and outwash deposits, in addition to some localized lacustrine, marine, and reworked materials. A relatively high horizontal hydraulic conductivity and a low vertical hydraulic conductivity characterize the outwash plain portion of this unit. Since the water table is situated in the Upper Glacial Aquifer.

The **Magothy Formation** directly underlies the Upper Glacial Aquifer in the vicinity of the site. This formation is a Cretaceous coastal-shelf deposit, which consists principally of layers of sand and gravel with some interbedded clay. This formation ranges from moderate to highly permeable. A clay layer in some parts of Long Island confines the uppermost portion of the aquifer. The Magothy is Long Island's principal aquifer for public water supply. The United States Environmental Protection Agency (USEPA) has classified the Long Island aquifer system as a sole source aquifer.

The **Raritan Formation** is the deepest unit and rests directly above the bedrock units. This formation is comprised of a sand member (**Lloyd Aquifer**) and a clay member (**Raritan Clay**). The Lloyd sand extends southward from Flushing Bay to the Atlantic Ocean. The thickness of the sand member increases to the southeast and ranges in depth from 200 to 800 feet below sea level (from northwest to southeast). The clay member acts as an aquitard confining the lower Lloyd aquifer between the clay and the underlying bedrock.

Long Island has a humid, temperate climate that is strongly influenced by the Long Island Sound and the Atlantic Ocean. These bodies of water temper extremes of heat in summer and cold in winters. Climate affects the formation of soil through its influence on chemical, biological and physical processes. The amount and content of rainwater, as it percolates through the soil, chemically alters the composition of the soils. Chemical and biological processes are also affected by temperature changes. The physical weathering of the soil and rocks is affected by freezing.

The soils of Long Island are relatively young, having developed since the last recession of glaciation approximately 25,000 years ago. Over thousands of years, the minerals in the bedrock debris slowly decayed and disintegrated, providing the necessary substrate to support biological

activity. Rock-forming minerals such as feldspars and micas, that are rich in potassium and aluminum, release their important elements as they are converted to clays. Soils formed in glacial drift are commonly known as loam, a mixture of sand, silt and clay.

The soils of Long Island formed three distinct soil horizons or zones on glacial deposits. The lowest horizon, designated as the C-horizon, is similar in composition to the transported glacial rock debris. The B-horizon is above the C-horizon and consists of sediments that have been considerably altered from their C-horizon source. Vadose zone water percolates through the B-horizon, carrying compounds of clay, iron, aluminum oxides, carbonates and humic acid. These materials are redeposited within the lower portions of the B-horizon, and form the zone of accumulation. The zone of accumulation may also be the zone of ground water saturation.

The zone of leaching is found in the A-horizon, which is the upper, organic-rich and life sustaining layer with abundant roots and organic matter at the surface. The A-horizon is distinct from the underlying B & C-horizons because it is darker and more friable.

Differentiation in soil horizons are the result of various soils-forming processes such as the physical breakdown of particles, the leaching of salts, the accumulation of organic matter and the chemical weathering of primary minerals. The chemical weathering of primary minerals occurs through processes such as chelation, the formation of silicate clay minerals, the translocation of silicate clay minerals by percolating water from one horizon to another and the accumulation of iron.

The depth to groundwater in the vicinity of the Site exceeds 40 feet. The groundwater flow direction beneath the Site is presumed toward the west in the direction of Lower New York Bay.

#### 4.0 SITE RECONNAISSANCE

Mr. Paul I. Matli of Hydro Tech performed the site reconnaissance portion of the Phase I Assessment on May 1<sup>st</sup>, 2011. The weather during the inspection was sunny and approximately 60 degrees Fahrenheit. **Appendix A** provides photographs of the Subject Property.

Hydro Tech inspected all accessible portions of the Subject Property. The following pertinent information was obtained during the Subject Property Reconnaissance:

1. Industrial Processes:

No industrial processes were observed at the Subject Property. No evidence of historical industrial processes was observed at the Subject Property.

2. Suspect Asbestos-Containing Materials:

No suspect asbestos-containing material (ACM) is present at the Subject Property.

3. Suspect Lead-Based Paint:

No peeling paint was identified at the Subject Property.

4. Drum Storage:

Three (3) 55-gallon drums were identified in the truck parking area. The drums contained waste oil product. No evidence of staining was observed in the vicinity of the waste oil drums. The presence of waste oil drums at the Subject property should not be considered a REC.

No other drum storage areas were identified at the Subject Property. No evidence of former drum storage areas was identified at the Subject Property.

5. Storage Tanks:

No evidence of underground storage tanks (USTs) or above-ground storage tanks (ASTs) were observed at the Subject Property. No evidence of former USTs or ASTs was identified in historical site information for the Subject Property.

6. Drains:

No floor drains were observed at the Subject Property. No evidence of former floor drains was observed at the Subject Property.

7. Subsurface Drainage Structures:

No subsurface drainage structures, such as leaching pools, cesspools, or drywells were observed at the Subject Property. No evidence of former subsurface drainage structures were observed at the Subject Property.

8. PCB-Containing Equipment:

No leaking electric transformers containing PCBs were observed at the Subject Property. No evidence of PCBs or PCB-containing equipment, except light ballasts, was observed at the Subject Property.

9. Lead in Drinking Water:

The testing of drinking water for lead is beyond the scope of this Phase I ESA.

10. Monitoring / Potable Water Wells:

No monitoring wells or potable water wells were observed at the Subject Property. No monitoring wells were observed on adjacent properties.

12. Visual Evidence of Mold:

No evidence of mold growth is present at the Subject Property.

13. Pits, Ponds, or Lagoons:

No waste disposal pits, ponds, or lagoons were observed at the Subject Property. No evidence of former pits, ponds, or lagoons was observed at the Subject Property.

14. Distressed Vegetation:

No distressed vegetation was observed at the Subject Property.

15. Fill / Land Disposal:

No areas of fill or evidence of land disposal of material(s) were observed at the Subject Property.

16. Engineering Controls:

No engineering controls were noted at the Subject Property.

17. Odors:

No odors indicative of a petroleum, chemical or hazardous substance spill or release were identified at the Subject Property.

18. Hazardous Substance / Petroleum Containers:

Visual evidence of heavy petroleum staining was identified on the interior floors of the building sections occupied by the auto repair facility. Petroleum staining associated with auto repair activities may have impacted upon the environmental quality of the Subject Property. As was discussed previously, the presence of auto repair facility at the Subject Property is considered REC.

## 5.0 REGULATORY AGENCY DOCUMENTS

Freedom of Information Act (FOIA) requests were issued to the following regulatory agencies with respect to the Subject Property. All reasonably ascertainable municipal records are provided with this report. **Appendix B** provides copies of the regulatory agency documents.

- New York City Department of City Planning
- New York City Department of Building
- New York City Department of Housing Preservation and Development
- New York City Department of Health
- New York City Bureau of Fire Department
- New York State Department of Environmental Conservation
- New York City Department of Environmental Protection

### *New York City Department of City Planning*

The address of the Subject Property is identified as 1309-1321 38<sup>th</sup> Street, Brooklyn, NY. The Tax Map number for the Subject Property is listed as Block 5300 and Lots 8 & 70. Lot 8 of the Subject Property is alternatively addressed 1309-1311 38<sup>th</sup> Street.

The Site was formally addressed as 1309, 1311, 1313-1317 and 1319 38<sup>th</sup> street and was defined as Block 5300 and Lots 8, 70, 72 and 74.

The New York City Zoning Department indicated that the Subject Property is zoned "M2-1". The Little "E" Restriction is listed as "HAZMAT/AIR". The Little "E" Restriction is associated with an (E) Designation (**E-252**) as a part of the Culver EL Project. This (E) designation was assigned to the Subject Property and its vicinity by the New York City Department of Planning on October 27<sup>th</sup>, 2010 and is listed under City Environmental Quality Review (CEQR) number **#10DCP029k**. The **E-252** designation assigned to the Subject Property is specifically described as "Hazardous materials" - Underground Gasoline Storage Tanks Testing Protocols with a potential for hazardous material contamination and "Air Quality"- HVAC fuel limited to natural gas". The Little "E" restriction of the Site should be considered a REC since the current redevelopment of the property should be coordinated with the New York City Mayor's office of Environmental Remediation (OER) in accordance to the CEQR regulations.

The Department of Finance Occupancy Code is listed as "O9-Office Buildings" for Lot 8 and "Z9-Miscellaneous" for Lot 70.

### *New York City Department of Building*

A FOIA request was submitted to the New York City Department of Building (NYCDOB) on April 13<sup>th</sup>, 2011.

The NYCDOB indicates that there are no open complaints listed for the Subject Property. A total of one (1) open DOB violations and one (1) open Environmental Control Board (ECB) violation are reported for the Subject Property. Available information pertaining to these violations indicates the DOB open violations are related to immediate emergency. The ECB open violation is related to failure to maintain exterior building wall.

The NYCDOB records further indicate there is one (1) job listed for the Subject Property pertaining to installation of construction fence.

No Certificate of Occupancy (CO) documents were available for review in the NYCDOB records.

Hydro Tech believes that none of the other information provided in the NYCDOB records should represent an environmental concern at the Subject Property.

*New York City Department of Housing Preservation and Development*

A FOIA request was submitted to the New York City Department of Housing Preservation and Development (NYCHPD) on April 13<sup>th</sup>, 2011. The NYCHPD records indicate no open violations associated with lead based paint or mold growth are listed for the Subject Property.

*New York City Department of Health*

A FOIA request was submitted to the New York City Department of Health (NYCDOH) on April 13<sup>th</sup>, 2011. The NYCDOH assigned a control number 2011FR00791 to our FOIA request. As of the date of this report, the NYCDOH has not provided any information pertaining to control number 2011FR00791. Any information provided by the NYCDOH will be provided as soon as it has been received and evaluated.

*New York City Bureau of Fire Prevention*

A FOIA request was submitted to the New York City Bureau of Fire Prevention (NYCBFP) on April 13<sup>th</sup>, 2011. The NYCBFP was contacted via telephone to obtain the status of the FOIA request. As of the date of this report, the NYCBFP has not responded to our initial search request or subsequent follow-up calls. Any information provided by the NYCBFP will be provided as soon as it has been received and evaluated.

*New York State Department of Environmental Conservation*

A FOIA request was submitted to the New York State Department of Environmental Conservation (NYSDEC) on April 13<sup>th</sup>, 2011. The NYSDEC assigned a FOIL number R2-11-697 to our FOIA request. As of the date of this report, the NYSDEC has not provided any information pertaining to FOIL number R2-11-697. Any information provided by the NYSDEC will be provided as soon as it has been received and evaluated.

A search of the NYSDEC web-sites indicated the Subject Property is not listed in any of the NYSDEC remedial programs including the Spill Response Program (SRP), Brownfield Clean-up Program (BCP), State Superfund Program (SSF), Environmental Remediation Program (ERP) and the Voluntary Cleanup Program (VCP).

*New York City Department of Environmental Protection*

A FOIA request was submitted to the New York City Department of Environmental Protection (NYCDEP) on April 13<sup>th</sup>, 2011. The NYCDEP assigned FOIL Log numbers 68206 to our request. As a result of our request the Division of Pollution Control and Monitoring has not identified any records responsive to our FOIL Log number 68206.

## 6.0 SITE HISTORY

### 6.1 Sanborn Maps

Sanborn Fire Rate Insurance Maps for the Subject Property and its vicinity dated 1905, 1926, 1942, 1951, 1970, 1976, 1978, 1979, 1980, 1982, 1987, 1988, 1990, 1991, 1992, 1993, 1994, 1995, 2001, 2002, 2003, 2004, 2005, 2006 and 2007 were obtained from EDR and evaluated in order to establish the history of the Site. **Appendix D** provides a copy of the Sanborn Fire Rate Insurance Maps.

Date	Subject Property Shown As	Surrounding area
1905	Vacant	Vacant
1926	A lumber yard with several scattered 1-story buildings listed as residential, storage, office and a lumber shed in the eastern portion, storage and auto parking shed in the eastern portion	Multi-family residences and commercial facilities
1942	Terminal Building Supply Co. for building materials with the same layout of the buildings in the eastern portion as in 1926. A 1-story shed listed a lumber in the northeastern portion. A gasoline tank in the southwestern portion of the property. This UST will be discussed in section 6.3.	
1951-2007	Auto Wrecking with the same layout of the buildings as in 1942. Building section in the northeastern portion of is listed as auto repair and building section in the southwestern is listed as commercial. No evidence of the gasoline tank in the southwestern portion	

### 6.2 City Directory Search

In order to further assess the property's history, available City Directory files were obtained from EDR for review. The City Directories document known occupants of specific properties and sorted by individual addresses. **Appendix E** provides a copy of the City Directory Search.

The following provides a listing of all documented usages of the address 1309 38<sup>th</sup> Street of the Subject Property:

Date	Use of Subject Property	Surrounding Property Use
1934	Lumber business	Residential/Commercial
1940	Construction material business	
1949-2005	Auto parts	

### 6.3 Previous Studies

A Comprehensive Phase I and Phase II Environmental Site Assessment report dated August 24, 2005 and prepared by Hydro Tech was performed at the Subject Property. Phase II Environmental Site Assessment consisted of GPR Survey and installation of soil probes. Scope of work was submitted in detail in the previous report. As a result of Phase II Site Assessment no GPR survey suspected of a former UST. The Comprehensive Environmental Assessment has revealed the following RECs:

- The presence of petroleum product staining.
- The presence of three 55-gallon drums used for containing petroleum product.
- The presence of elevated levels of semi-volatile organic compounds (SVOCs) in the soil in the northeast, west and southern portions of the Site.

- The presence of active mold growth.
- The presence of a suspect UST.

**Appendix F** provides the historical documents.

#### **6.4 Historical Use Summary**

Based on a review of available information provided and/or obtained for the Subject Property as of the date of this ESA, it appears that the Subject Property was vacant during 1905 and was then developed during or before 1926. The Subject Property was utilized as a lumber yard during 1926, a construction material storage yard during 1934 and a junk yard and auto repair shop from 1951 to 2007. A gasoline tank was located in the southwestern portion of the Subject Property during 1934. In addition, SVOCs were detected in the soil in the northeast, west and southern portions of the Subject Property at concentration exceeding their respective regulatory standards. Therefore, the presence of a suspect gasoline UST and the presence of SVOCs impacted soil at the Subject Property should be considered as RECs.

Numerous data gaps (maximum 21 years) were noted in the historical map review. Due to other historical information obtained over the course of this investigation, Hydro Tech does not consider this data failure/data gap significant, as it appears unlikely to have affected potential Recognized Environmental Conditions at the subject site.

## 7.0 NEIGHBORHOOD HAZARDOUS WASTE DATABASES

Federal, State, Local and Tribal hazardous waste databases were reviewed with respect to the Subject Property and surrounding properties. The search areas for each database were specified by both ASTM E 1527 and the AAI rule. In addition, all orphan sites (those without adequate information for mapping purposes) listed in the database search were also reviewed, evaluated and incorporated (as needed). **Appendix G** provides a copy of the Database Search Results. The following databases, with the appropriate search radius, were reviewed:

<b>ASTM Standard Environmental Record Source</b>	<b>Approx. ASTM Minimum Search Distance (MSD)</b>	<b>Number of Mapped Sites within MSD</b>	<b>Number of Orphan Sites</b>
1. NPL (Superfund) <i>National Priorities List</i>	1.0 Mile	0	0
2. Delisted NPL Site <i>Delisted National Priorities List Site</i>	0.5 Mile	0	0
3. CERCLIS <i>Comprehensive Environmental Response Compensation &amp; Liability Information System</i>	0.5 Mile	0	0
4. CERCLIS NFRAP <i>CERCLIS No Further Remedial Action Planned Site</i>	0.5 Mile	0	0
5. RCRA-TSD CORRACTS <i>Resource Conservation &amp; Recovery Treatment/Storage/Disposal Facility Subject to Corrective Action</i>	1.0 Mile	0	0
6. RCRA-TSD <i>Resource Conservation &amp; Recovery Treatment/Storage/Disposal Facility (Non-Corrective Action)</i>	0.5 Mile	0	0
7. RCRA-LG <i>Resource Conservation &amp; Recovery Large Quantity Generator</i>	Site & Adjoining	0	4
8. RCRA-SG <i>Resource Conservation &amp; Recovery Small Quantity Generator</i>	Site & Adjoining	0	1
9. ERNS <i>Emergency Response Notification System</i>	Property Only	0	0
10. Local / State / Tribal UST, PBS <i>Registered Storage Tanks</i>	Site & Adjoining	2	0
11. Local / State / Tribal LTANKS <i>Leaking Underground Storage Tanks</i>	0.5 Mile	25	0
12. State Spill Incidents <i>NYSDEC Spill Sites</i>	0.125 Mile	8	5
13. Local / State / Tribal SWF <i>Solid Waste Facility / Landfill</i>	0.5 Mile	0	0
14. Local / State / Tribal CERCLIS <i>Inactive Hazardous Waste Disposal Site</i>	0.5 Mile	0	0
16. Inst. / Engineering Controls <i>Registry of Institutional and/or Engineering Controls</i>	Property Only	0	0
17. Voluntary Cleanup Program Sites <i>Local / State / Tribal VCP Sites</i>	0.5 Mile	0	0
18. Brownfield Sites <i>Local / State / Tribal Brownfield Sites</i>	0.5 Mile	0	0
19. Non-ASTM Record Source(s)	Not Applicable	No MSD has been established by ASTM for these sources	

The review and evaluation of the above Federal and State/Tribal/Local Databases indicates that the Subject Property was identified in two (2) different databases. Both listings are identical and they appear in the E-Designation database for Block 5300; Lot 70 and Lot 8. In these listings an E-designation identified as **E-252** was issued to the Subject Property on October 27<sup>th</sup>, 2010 under a City Environmental Quality Review (CEQR) number # **10DCP029K** and Uniform Land Use Review Procedure (**ULURP**) #**100345ZMK**. The **E-252** designation is described as "Hazardous materials" - Underground Gasoline Storage Tanks Testing Protocols with a potential for hazardous material contamination and "Air Quality"- HVAC fuel limited to natural gas".

The E-designation listing at the Subject Property was discussed earlier as a REC.

Twenty five (25) sites are listed in the Leaking Underground Storage Tanks (LUSTs) database within a ½ mile radius of the Subject Property. Fourteen LUST sites are located upgradient to the Subject Property. None of these uogradient sites are located adjacent to the Subject Property. One (1) LUST case is associated with an active spill. This site is located within 0.5 miles to the southwest of Subject Property and is assigned a Spill # **9801914** on May 13<sup>th</sup>, 1998. This spill file indicates that number 2 fuel oil was released as a result of tank test failure. No further information is provided in this LUST spill listing. Due to its location and proximity, this open LUST spill should impact upon the environmental quality of the Subject Site.

Eight (8) properties are listed in the NY Spills database within a ¼ mile radius of the Subject Property. Twelve (12) spill sites are located upgradient to the Subject Property. None of these spill sites are located adjacent the Subject Property. All these upgradient spill cases have been resolved by the NYSDEC and as such, they should not impact upon the environmental quality of the Subject Property.

None of the remaining properties identified in the databases should impact upon the environmental quality of the Subject Property.

## 8.0 INTERVIEWS & CLIENT / USER-PROVIDED INFORMATION

During the course of the Phase I Assessment, interviews were conducted with respect to the operation and history of the Site and a Client/User Questionnaire was provided.

1. The client/user responded to Hydro Tech's request for information regarding Environmental Liens or Activity and Use Limitations against the property that may have been filed or recorded under federal, tribal, state, or local law. No such records were reported.
2. Except for the little E designation assigned to the Subject Property, the client/user reported no specialized or actual knowledge or experience related to other potential Recognized Environmental Conditions at the Subject Property or nearby properties.
3. The client/user did not respond to Hydro Tech's request for information regarding the relationship of the purchase price of the property to fair market value, specifically if it has been adjusted due to the known or potential presence of on-site contamination.
4. The client/user reported commonly known information within the local community regarding past use(s) of the property (including the storage and/or release of chemicals, hazardous substances, petroleum products, etc.) that could have affected the environmental integrity of the Subject Property.
5. The client/user reported a previous environmental assessment and investigation was performed in response to commonly known contamination at the Subject Property. The client/user confirmed that no cleanups have occurred or were necessary at the property.
6. Hydro Tech's Environmental Questionnaire for the client/user. A review of the Questionnaire did not reveal the presence of any additional potential Recognized Environmental Conditions in connection with the Subject Site, and did not provide any other information with respect to the environmental integrity of the Subject Property that was not obtained from other sources over the course of this investigation. **Appendix H** provides a copy of the Phase I Questionnaire.

### 8.1 Past and Present Site Associates

The following historical and current owners, operators provided information during the performance of the Phase I Assessment:

- Mr. Yosef Gruber (The client)

The following information was provided to Hydro Tech:

- The Phase I ESA is prepared to address the Hazmat E-Designation requirements prior to upcoming development of seven 3-story residential buildings.
- A Comprehensive Phase I and Phase II ESA was previously performed.
- The Subject Property was vacant for the past couple of years and was recently occupied by a truck rental company and an auto repair facility.

Hydro Tech was not provided with the owner, operator and occupants' information for the Subject Property. The interview did not reveal the presence of any additional potential Recognized Environmental Conditions in connection with the Subject Site, and did not provide any other information with respect to the environmental integrity of the subject property that was not obtained from other sources over the course of this investigation.

In addition, although an interview with the former owner(s) was not possible as none were provided to Hydro Tech as of the date of this ESA, we do not believe that any such owner(s) would have additional material information regarding the potential for contamination at the property that was not obtained from other sources over the course of this investigation.

## **9.0 CONCLUSIONS**

Hydro Tech has performed a Phase I Environmental Site Assessment at the Subject Property, and has identified the following Recognized Environmental Conditions (RECs):

- The presence of auto repair facility at the Subject Property (§ 3.2)
- Little “E” designation listing of the Subject Property as HAZMAT/AIR (§ 5.0)
- The presence of elevated levels of semi-volatile organic compounds (SVOCs) in the soil in the northeast, west and southern portions of the Site. (§ 6.3)
- The presence of a suspect UST (§ 6.0)

## **10.0 RECOMMENDATIONS**

Based on the findings and conclusions of this Phase I Environmental Site Assessment, the following recommendations are provided:

- Prior to any construction activities at the property, this report along with proposed building plans should be provided to the Mayor's Office of Environmental Remediation (OER) in order to address the "E" designation for Hazardous materials. A Phase II Site Investigation should be conducted in accordance with NYC CEQR requirements and with NYCOER approval.

## **11.0 CREDENTIALS & DECLARATION**

### **11.1 Credentials**

In accordance with ASTM E 1527, the credentials of those personnel directly involved with the production of this Phase I are provided with this report. **Appendix G** provides a copy of the personnel credentials.

### **11.2 Environmental Professional Declaration**

We declare that to the best of our professional knowledge and belief, we meet the definition of environmental professional as defined in 40 CFR Part 312. We have the specific qualifications based on education, training and experience to assess a property of the nature, history and setting of the Subject Property. Only where indicated we have developed and performed the AAs in conformance with the standards and practices set forth in 40 C.F.R. Part 312.

## 12.0 REFERENCES

1. Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, ASTM E 1527-05, American Society for Testing and Materials, West Conshohocken, PA.
2. Principals of Groundwater Engineering, William C. Walton, Lewis Publishers, Inc., 1991.
3. The Long Island Ground Water Pollution Study, New York State Department of Environmental Conservation, 1972.
4. *Geochemical traverse across Cameron's Line, Boro Hall Park, Bronx, New York*, Cadmus, D., Hodgson, R., Gatto, L.M., and Puffer, J.H., Geology Department, Rutgers University, Newark, NJ.
5. *EDR Environmental Data Resources*, 1309-1321 38<sup>th</sup> Street, Brooklyn, NY 11218, April 12, 2011. The EDR – Sanborn Fire Insurance Maps, Milford, Connecticut.
6. *EDR Environmental Data Resources*, 1309-1321 38<sup>th</sup> Street, Brooklyn, NY 11218, April 12, 2011. The EDR – City Directory Abstract, Milford, Connecticut.
7. *EDR Environmental Data Resources*, 1309-1321 38<sup>th</sup> Street, Brooklyn, NY 11218, April 12, 2011. The EDR – Radius Map, Milford, Connecticut.
8. *Comprehensive Environmental Assessment Report*, 1309-1319 38<sup>th</sup> Street, Brooklyn, NY, Hydro Tech Environmental Corp. August 24, 2005.

### 13.0 EXCLUSIONS & DISCLAIMER

The observations described in this report were made under the conditions stated therein. The conclusions presented in the report were based solely upon the services described therein, and not on scientific tasks or procedures beyond the scope of described services or the time and budgetary constraints imposed by the Client.

In preparing this report, **Hydro Tech Environmental, Corp.** may have relied on certain information provided by state and local officials and other parties referenced therein, and on information contained in the files of state and/or local agencies available to **Hydro Tech Environmental, Corp.** at the time of the subject property assessment. Although there may have been some degree of overlap in the information provided by these various sources, **Hydro Tech Environmental, Corp.** did not attempt to independently verify the accuracy or completeness of all information reviewed or received during the course of this subject property assessment.

Observations were made of the subject property and of structures on the subject property as indicated within the report. Where access to portions of the subject property or to structures on the subject property was unavailable or limited, **Hydro Tech Environmental, Corp.** renders no opinion as to the presence of non-hazardous or hazardous materials, or to the presence of indirect evidence relating to a non hazardous or hazardous materials, in that portion of the subject property or structure. In addition, **Hydro Tech Environmental, Corp.** renders no opinion as to the presence of hazardous materials, or the presence of indirect evidence relating to hazardous materials, where direct observation of the interior walls, floors, or ceiling of a structure on a subject property was obstructed by objects or coverings on or over these surfaces.

**Hydro Tech Environmental, Corp.** did not perform testing or analyses to determine the presence or concentration of asbestos at the subject property or in the environment of the subject property under the scope of the services performed.

The conclusions and recommendations contained in this report are based in part, where noted, upon the data obtained from a limited number of soil samples obtained from widely spaced subsurface explorations. The nature and extent of variations between these explorations may not become evident until further exploration. If variations or other latent conditions then appear evident, it will be necessary to reevaluate the conclusions and recommendations of this report.

Any water level reading made in test pits, borings, and/or observation wells were made at the times and under the conditions stated in the report. However, it must be noted that fluctuations in the level of groundwater may occur due to variations in rainfall and other factors different from those prevailing at the time measurements were made.

Except as noted within the text of the report, no qualitative laboratory testing was performed as part of the subject property assessment. Where such analyses have been conducted by an outside laboratory, **Hydro Tech Environmental, Corp.** has relied upon the data provided, and has not conducted an independent evaluation of the reliability of the data.

The conclusions and recommendations contained in this report are based in part, where noted, upon various types of chemical data and are contingent upon their validity. The data have been reviewed and interpretations were made in the report. As indicated within the report, some of the data may be preliminary "screening" level data, and should be confirmed with quantitative analyses if more specific information is necessary. Moreover, it should be noted that variations in the types and concentrations of contaminants and variations in their flow paths may occur due to seasonal water table fluctuations, past disposal practices, the passage of time, and other factors. Should additional chemical data become available in the future, the data should be reviewed, and the conclusions and recommendations presented herein modified accordingly.

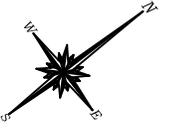
Chemical analyses have been performed for specific constituents during the course of this subject property assessment, as described in the text. However, it should be noted that additional chemical constituents not searched for during the current study may be present in soil and/or groundwater at the subject property.

This report was prepared solely for the use of the Client/User and is not intended for use by third parties. Unauthorized third parties shall indemnify and hold Hydro Tech harmless against any liability for any loss arising out of, or related to, reliance by any third party on any work performed hereunder, or the contents of this report.

## APPENDICES

FIGURE 1

SITE PLAN



ADJACENT  
PARKING AREA

ADJACENT 3-STORY  
RESIDENTIAL/COMMERCIAL

1-STORY  
AUTO REPAIR SHOP

OFFICE

TRUCKS  
PARKING AREA

SHED

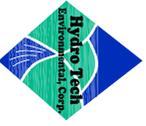
ADJACENT 1-STORY  
COMMERCIAL

STORAGE  
ROOM

SIDEWALK

38th STREET

ADJACENT 4-STORY  
COMMERCIAL



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MAN OFFICE: 2171 JERICHO TURNPIKE, SUITE 345  
COMMACK, NEW YORK 11725  
T (631)462-5866 F (631)462-5877  
www.hydrotechenvironmental.com

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

1309 - 1319 38th Street  
Brooklyn, NY.

Drawn By:	CQ	TITLE:
Reviewed By:	MR	
Approved By:	MS	
Date:	05/17/11	
Scale:	AS NOTED	

FIGURE 1: SITE PLAN

APPENDIX A  
PHOTOGRAPHS



APPENDIX B  
REGULATORY AGENCY DOCUMENTS



**Buildings**

[CLICK HERE TO SIGN UP FOR BUILDINGS NEWS](#)

NYC Department of Buildings  
Property Profile Overview

1309 38 STREET		BROOKLYN 11218	BIN# 3123383
38 STREET	1309 - 1311	Health Area : 6900	Tax Block : 5300
		Census Tract : 226	Tax Lot : 8
		Community Board : 312	Condo : NO
		Buildings on Lot : 1	Vacant : NO

[View DCP Addresses...](#) [Browse Block](#)

[View Zoning Documents](#) [View Challenge Results](#) [View Certificates of Occupancy](#)

Cross Street(s):	13 AVENUE, 14 AVENUE		
DOB Special Place Name:	AS PER TOPO, LOT 8 HAS BEEN		
DOB Building Remarks:	REASSIGNED AS 1309-1311 38 STREET (12/07)		
Landmark Status:		Special Status:	N/A
Local Law:	NO	Loft Law:	NO
SRO Restricted:	NO	TA Restricted:	NO
UB Restricted:	NO		
Little 'E' Restricted:	HAZMAT/AIR	Grandfathered Sign:	NO
Legal Adult Use:	NO	City Owned:	NO
Additional BINs for Building:	<a href="#">3123376</a>		

Special District: NONE

This property is not located in an area that may be affected by Tidal Wetlands, Freshwater Wetlands, or Coastal Erosion Hazard Area. [Click here for more information](#)

Department of Finance Building Classification: O9-OFFICE BUILDINGS

Please Note: The Department of Finance's building classification information shows a building's tax status, which may not be the same as the legal use of the structure. To determine the legal use of a structure, research the records of the Department of Buildings.

	Total	Open	
<a href="#">Complaints</a>	1	0	<a href="#">Elevator Records</a>
<a href="#">Violations-DOB</a>	1	1	<a href="#">Electrical Applications</a>
<a href="#">Violations-ECB (DOB)</a>	2	1	<a href="#">Permits In-Process / Issued</a>
<a href="#">Jobs/Filings</a>	1		<a href="#">Illuminated Signs Annual Permits</a>
ARA / LAA Jobs	0		<a href="#">Plumbing Inspections</a>
Total Jobs	1		<a href="#">Open Plumbing Jobs / Work Types</a>
Total Actions	0		<a href="#">Facades</a>
OR Enter Action Type:			<a href="#">Marquee Annual Permits</a>
OR Select from List:			<a href="#">Boiler Records</a>
Select...			<a href="#">DEP Boiler Information</a>
AND <input type="button" value="Show Actions"/>			<a href="#">After Hours Variance Permits</a>

If you have any questions please review these [Frequently Asked Questions](#), the [Glossary](#), or call the 311 Citizen Service Center by dialing 311 or (212) NEW YORK outside of New York City.



[CLICK HERE TO SIGN UP FOR BUILDINGS NEWS](#)

NYC Department of Buildings

DOB Violation Display for 120307IMEGNCY335/07

Premises: 1311 38 STREET BROOKLYN

BIN: 3123383 Block: 5300 Lot: 8

Issue Date: 12/03/2007

Violation Category: V - DOB VIOLATION - ACTIVE

Violation Type: IMEGNCY - IMMEDIATE EMERGENCY

Violation Number: 335/07

Device No.:

ECB No.:

Infraction Codes:

Disposition:

Code: Date:

Inspector:

Comments:

If you have any questions please review these [Frequently Asked Questions](#), the [Glossary](#), or call the 311 Citizen Service Center by dialing 311 or (212) NEW YORK outside of New York City.



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NYC Department of Buildings  
**ECB Violation Details**

Premises: 1311 38 STREET BROOKLYN  
 BIN: 3123383 Block: 5300 Lot: 8

Filed At: 1311 38 STREET , BROOKLYN , NY 11218  
 Community Board: 312

**ECB Violation Summary**

**VIOLATION OPEN**

**ECB Violation Number: 34613167P**

Severity: NON-HAZARDOUS

Certification Status: NO COMPLIANCE RECORDED

Hearing Status: IN VIOLATION

Penalty Balance Due: \$800.00

**Respondent Information**

Name: 3RD AVE MANAGEMENT & DEVE  
 Mailing Address: 89 WALLABOUT STREET , BROOKLYN , NY 11211

**Violation Details**

Violation Date: 11/29/2007 Violation Type: CONSTRUCTION  
 Served Date: 11/30/2007 Inspection Unit: BROOKLYN CONSTRUCTION

Infraction Codes	Section of Law	Standard Description
<u>B6A</u>	27-127	FAILURE TO MAINTAIN EXTERIOR BUILDING WALL (HAZARDOUS)

**Specific Violation Condition(s) and Remedy:**

FAILURE TO MIANTAIN EXTERIOR BLDG WALL DEFECT NOTED @ TOP OF 1 STORYSTRUCTURE ( SOUTH EAST CORNER), AN APPROX. 4-5 FT SECTION OF BRICK PARAPET IS SPALLING / CRUMBLING DOWN TO PUBLIC SIDEWALK. OBSERVED SOME

Issuing Inspector ID: DOB Violation Number: 112907C12MB01  
 Issued as Aggravated Level: NO

**Dept. of Buildings Compliance Information**

Certification Status: NO COMPLIANCE RECORDED  
 Compliance On:

A Certificate of Correction must be submitted to the Administrative Enforcement Unit (AEU) for all violations. A violation that is not dismissed by ECB will continue to remain ACTIVE or "open" on DOB records until acceptable proof is submitted to the AEU, even if you have paid the penalty imposed by ECB.

**ECB Hearing Information**

Scheduled Hearing Date: 01/31/2008 Hearing Status: IN VIOLATION  
 Hearing Time: 10:30

**ECB Penalty Information**

Penalty Imposed: \$800.00



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NYC Department of Buildings  
Job Overview

Premises: 1311 38 STREET BROOKLYN

Page: 1 of 1  
BIN: 3123383 Block: 5300 Lot: 8

To start overview at new date, select Month:  Day:  Year:

Show All BIS Job Types

Show All Filings

FILE DATE	JOB #	DOC #	JOB TYPE	JOB STATUS	STATUS DATE	LIC #	APPLICANT IN AUDIT	ZONING APPROVAL
02/04/2008	<u>310087740</u>	01	A3	R PERMIT-ENTIRE	02/05/2008	0080123 PE	SYED-NAQ	NOT APPLICABLE

INSTALLATION OF TEMPORARY TIGHTBOARD/ PLYWOOD SITE FENCE FOR THE DURATION  
Work on Floor(s): 001

If you have any questions please review these [Frequently Asked Questions](#), the [Glossary](#), or call the 311 Citizen Service Center by dialing 311 or (212) NEW YORK outside of New York City.



[CLICK HERE TO SIGN UP FOR BUILDINGS NEWS](#)

NYC Department of Buildings  
C of O PDF Listing for Property

Premises: 1311 38 STREET BROOKLYN

BIN: **3123383** Block: 5300 Lot: 8

Download the [Adobe Acrobat Reader](#) if you are unable to open the PDF files

To report a problem with any of these images, please use the [CO Image Problem Form](#)  
**THERE ARE NO CERTIFICATES OF OCCUPANCY ON FILE FOR THIS ADDRESS**

[Back](#)

If you have any questions please review these [Frequently Asked Questions](#), the [Glossary](#), or call the 311 Citizen Service Center by dialing 311 or (212) NEW YORK outside of New York City.



[CLICK HERE TO SIGN UP FOR BUILDINGS NEWS](#)

NYC Department of Buildings  
Property Profile Overview

1319 38 STREET  
38 STREET

1319 - 1319

BROOKLYN 11218

Health Area : 6900  
Census Tract : 226  
Community Board : 312  
Buildings on Lot : 1

BIN# 3123386

Tax Block : 5300  
Tax Lot : 70  
Condo : NO  
Vacant : NO

[View DCP Addresses...](#) [Browse Block](#)

[View Zoning Documents](#)

[View Challenge Results](#)

[View Certificates of Occupancy](#)

Cross Street(s): 13 AVENUE, 14 AVENUE

DOB Special Place Name:

DOB Building Remarks:

Landmark Status:

Special Status: N/A

Local Law: NO

Loft Law: NO

SRO Restricted: NO

TA Restricted: NO

UB Restricted: NO

Little 'E' Restricted: HAZMAT/AIR

Grandfathered Sign: NO

Legal Adult Use: NO

City Owned: NO

Additional BINs for Building: NONE

Special District: NONE

This property is not located in an area that may be affected by Tidal Wetlands, Freshwater Wetlands, or Coastal Erosion Hazard Area. [Click here for more information](#)

Department of Finance Building Classification: Z9-MISCELLANEOUS

Please Note: The Department of Finance's building classification information shows a building's tax status, which may not be the same as the legal use of the structure. To determine the legal use of a structure, research the records of the Department of Buildings.

	Total	Open	<a href="#">Elevator Records</a>
Complaints	0	0	<a href="#">Electrical Applications</a>
Violations-DOB	0	0	<a href="#">Permits In-Process / Issued</a>
Violations-ECB (DOB)	0	0	<a href="#">Illuminated Signs Annual Permits</a>
Jobs/Filings	0		<a href="#">Plumbing Inspections</a>
ARA / LAA Jobs	0		<a href="#">Open Plumbing Jobs / Work Types</a>
Total Jobs	0		<a href="#">Facades</a>
Total Actions	0		<a href="#">Marquee Annual Permits</a>
OR Enter Action Type:			<a href="#">Boiler Records</a>
OR Select from List:			<a href="#">DEP Boiler Information</a>
Select...			<a href="#">After Hours Variance Permits</a>
AND <input type="button" value="Show Actions"/>			

If you have any questions please review these [Frequently Asked Questions](#), the [Glossary](#), or call the 311 Citizen Service Center by dialing 311 or (212) NEW YORK outside of New York City.



[CLICK HERE TO SIGN UP FOR BUILDINGS NEWS](#)

NYC Department of Buildings  
C of O PDF Listing for Property

Premises: 1319 38 STREET BROOKLYN

BIN: 3123386 Block: 5300 Lot: 70

Download the [Adobe Acrobat Reader](#) if you are unable to open the PDF files

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**THERE ARE NO CERTIFICATES OF OCCUPANCY ON FILE FOR THIS ADDRESS**

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If you have any questions please review these [Frequently Asked Questions](#), the [Glossary](#), or call the 311 Citizen Service Center by dialing 311 or (212) NEW YORK outside of New York City.

5/13/2011  
082310

HPD Building, Registration & Violation Services -- Select -- Home

<b>The selected address: 1311 38 STREET, Brooklyn 11218</b>												
HPD#	Range	Block	Lot	CD	CensusTract	Stories	A Units	B Units	Ownership	MDR#	Class	
147746	Active	1311-1311	05300	0008	12	22600	1	0	0	PVT	0	N/A

- Other Units
- Registration
- Charges
- Map
- Complaint Status
- Complaint History
- Carbon Monoxide Certificate
- Litigation/ Case Status
- All Open Violations
- prior year Open Viol.'s
- Ecertification
- I-Card Images
- Property Registration Assistance

**There is no registration information for this building.**

**No violations were retrieved.**



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NYC.gov - NEW YORK CITY'S OFFICIAL WEB SITE

5/13/2011  
082310

HPD Building, Registration & Violation Services --- Select --- Home

<b>The selected address: 1313 38 STREET, Brooklyn 11218</b>												
HPD#	Range	Block	Lot	CD	CensusTract	Stories	A Units	B Units	Ownership	MDR#	Class	
147748	Active	1313-1313	05300	0074	12	22600	0	0	0	PVT	0	N/A

- Other Units
- Registration
- Charges
- Map
- Complaint Status
- Complaint History
- Carbon Monoxide Certificate
- Litigation/Case Status
- All Open Violations
- prior year Open Viol.'s
- Ecertainment
- I-Card Images
- Property Registration Assistance

**There is no registration information for this building.**

**No violations were retrieved.**

5/13/2011  
082310

HPD Building, Registration & Violation Services -- Select -- Home

The selected address: **1317 38 STREET, Brooklyn 11218**

HPD#	Range	Block	Lot	CD	CensusTract	Stories	A Units	B Units	Ownership	MDR#	Class
147749 Active	1317-1317	05300	0072	12	22600	0	0	0	PVT	0	N/A

- Other Units
- Registration
- Charges
- Map
- Complaint Status
- Complaint History
- Carbon Monoxide Certificate
- Litigation/Case Status
- All Open Violations
- prior year Open Viol.'s
- Ecertification
- I-Card Images
- Property Registration Assistance

**There is no registration information for this building.**

**No violations were retrieved.**

5/13/2011  
082310

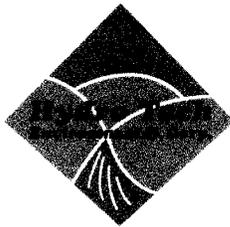
HPD Building, Registration & Violation Services --- Select --- Home

The selected address: 1319 38 STREET, Brooklyn 11218												
HPD#	Range	Block	Lot	CD	CensusTract	Stories	A Units	B Units	Ownership	MDR#	Class	
147750	Active	1319-1319	05300	0070	12	22600	1	0	0	PVT	0	N/A

- Other Units
- Registration
- Charges
- Map
- Complaint Status
- Complaint History
- Carbon Monoxide Certificate
- Litigation/Case Status
- All Open Violations
- prior year Open Viol.'s
- Ecertification
- I-Card Images
- Property Registration Assistance

**There is no registration information for this building.**

**No violations were retrieved.**



# Hydro Tech Environmental, Corp.

Main Office  
2171 Jericho Turnpike, Suite 345  
Commack, New York 11725  
T (631) 462-5866 • F (631) 462-5877

NYC Office  
15 Ocean Avenue, 2<sup>nd</sup> Floor  
Brooklyn, New York 11225  
T (718) 636-0800 • F (718) 636-0900

[www.hydrotechenvironmental.com](http://www.hydrotechenvironmental.com)

---

April 13, 2011

Ms. Rena Bryant  
NYC Department of Health  
125 Worth Street – Room- 601 – Box 31  
New York, NY 10013

**RE: Freedom of Information Act Request**

Dear Ms. Bryant:

Hydro Tech Environmental, Corp. is conducting a Phase I Environmental Site Assessment Research at the following location:

**Address:** 1309 to 1321 38<sup>th</sup> Street  
Brooklyn, NY

**County:** Kings

**Tax** Block 5300

**Map:** Lot 8,70,72,74

Please consider this a Freedom of Information Act request, for any information that you may have pertaining to the release of petroleum products and/or hazardous materials, or any other environmental concerns for this location.

Your assistance is appreciated. Please feel free to contact me at (631)462-5866 with any questions.

Very Truly Yours

**Hydro Tech Environmental, Corp.**

Shana

cc Hydro Tech File #110077



FIRE DEPARTMENT - CITY OF NEW YORK  
**Public Records Unit / Tanks Section**  
 9 MetroTech Center  
 Brooklyn, New York 11201-3857  
 (718) 999-2441 or 2442



**Fuel Tank Special Report  
 Request Form**

**SECTION A**

**CUSTOMER INFORMATION**

Please print the required information below.

Name: Sharon Cross / Paul Matti  
 Address: 15 Ocean Ave, 2nd FL  
 State: NY Zip Code: 11225  
 Telephone Number: 631-462-5866

OFFICE USE ONLY

Cashier / Search No. \_\_\_\_\_  
 PRU Staff Accepted By/Initials: \_\_\_\_\_  
 Searched By: \_\_\_\_\_  
 Total Amount: \_\_\_\_\_

**Note:** Please make sure you complete this form and attach all required documents. Enclose a check or money order made payable to the **NYC Fire Department** and a stamped self-addressed envelope (with postage). Mail checks or money orders directly to the address and unit listed above. **DO NOT MAIL CASH.**

**SECTION B**

**FUEL TANK REPORT - FEE \$10.00 / PER REPORT**

House Number: 1309-1321 Street Name: 35th Street Borough: Brooklyn

- THE TOTAL AMOUNT AND SIZE OF EXISTING FUEL OIL / HEATING TANKS
- THE TOTAL AMOUNT AND SIZE OF REMOVED OR SEALED FUEL OIL / HEATING TANKS
- THE TOTAL AMOUNT AND SIZE OF EXISTING BURIED MOTOR VEHICLE TANKS
- THE TOTAL AMOUNT AND SIZE OF REMOVED OR SEALED BURIED MOTOR VEHICLE TANKS
- MOST RECENT TANK / PIPING TEST RESULTS
- HISTORY OF BURIED TANKS LEAKS

**Note:** Requests will be responded to within 10 business days.

PR3 (July-08)

# NEW YORK CITY DEPARTMENT OF ENVIRONMENTAL PROTECTION

## Application for Records, Article 6 – New York State Public Officers Law, Freedom of Information Law

Complete Part I of this form. Please refer to instruction sheet for assistance in completing this form. If responsive records are located, you will be notified and informed of the required payment. Advance payment is required in check or money order payable to the City of New York before documents will be released. Either send the complete application to the Records Access Officer at NYC DEP, Bureau of Legal Affairs, 59-17 Junction Blvd., 19<sup>th</sup> Fl., Flushing, NY 11373, or fax to (718) 595-6543. **DO NOT FAX AND MAIL.**

**PART I. APPLICATION** – Check type of record(s) requested:

- |  |   |   |   |
|--|---|---|---|
| <input type="checkbox"/> Bid/ Procurement (ACCO)                                 | <input type="checkbox"/> Notices of Violation and decisions (ECB)                             | <input type="checkbox"/> Sewer main/line repair/construction (BWSO) | <input type="checkbox"/> Water bill accounts/ metering (BCS)                    |
| <input checked="" type="checkbox"/> Asbestos (BEC)                               | <input type="checkbox"/> Environmental Review/SEQRA (OEPA)                                    | <input type="checkbox"/> Water Quality (BWS/WQ)                     | <input type="checkbox"/> Personnel records (HRM)                                |
| <input checked="" type="checkbox"/> Hazardous materials emergency response (BEC) | <input checked="" type="checkbox"/> Industrial Pretreatment/ sewer discharge violations (BWT) | <input type="checkbox"/> Watershed/ reservoir operations (BWS)      | <input checked="" type="checkbox"/> Wastewater Treatment Plant operations (BWT) |
| <input type="checkbox"/> Right To Know (BEC)                                     | <input type="checkbox"/> Water main/line repair/construction (BWSO)                           | <input type="checkbox"/> Watershed area incident reports (DEP PD)   | <input type="checkbox"/> _____  |
| <input checked="" type="checkbox"/> Air permits/complaints/inspections (BEC)     |   |   | _____   |
| <input checked="" type="checkbox"/> Noise complaints/inspections (BEC)           |   |   | _____   |

I hereby apply to  inspect or  receive copies of the following records (use additional sheets as needed and attach):

Location: 1309-1391 38<sup>th</sup> Street, Brooklyn, NY Block: 5300, Lots: 8, 70, 72, 74  
 Time frame/date of records: \_\_\_\_\_

Name: Sham Cross Phone: 631 462-5866 E-Mail: scross@htecorp.info  
 Firm: Hydro Tech Environmental Corp.  
 Address: 35 Ocean Ave, 2nd Fl City Brooklyn State NY Zip Code 11225  
 Signature: [Signature] Date: 4-13-11

**PART II. DISPOSITION OF REQUEST (TO BE COMPLETED BY THE DEPARTMENT)**

APPROVED  APPROVED IN PART -- To arrange for access to the records, please contact:

(Department Representative)	(Bureau)	(Phone No.)
Number of Pages: _____	x\$.25 per page = Cost: _____	

DENIED DENIED IN PART -- for reason(s) checked: References are to Sec. 87 of the Public Officers Law.

- |  |   |
|--|---|
| <input type="checkbox"/> Exempt: State/Fed. Statute (2(a))   | <input type="checkbox"/> Exempt: Law Enforcement (2(e))     |
| <input type="checkbox"/> Invasion of personal privacy (2(b)) | <input type="checkbox"/> Inter/Intra-agency material (2(g)) |
| <input type="checkbox"/> Competitive position injury (2(d))  | <input type="checkbox"/> (Other) _____                      |

Brief Description of records not subject to disclosure \_\_\_\_\_

*A denial, in whole or in part, may be appealed within 30 days by writing to the NYCDEP FOIL Appeals Officer, 59-17 Junction Blvd., 19<sup>th</sup> Fl., Flushing, NY 11373*

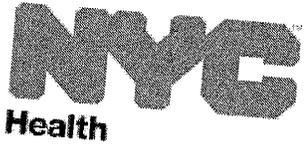
UNAVAILABLE -- for reason(s) checked:

- |  |                                   |
|--|-----------------------------------|
| Not described in sufficient detail                     | Not maintained by this Department |
| After search, no records responsive to request located |                                   |
| (Other) _____  |                                   |

LOG NO.: \_\_\_\_\_

(Department Representative)	(Bureau)	(Date)
-----------------------------	----------	--------

- Fee Waived       Check/M.O. received       Check/M.O. requested



**NEW YORK CITY DEPARTMENT OF  
HEALTH AND MENTAL HYGIENE**  
Thomas Farley, MD, MPH  
*Commissioner*

Office of the Secretary to the Department  
**125 Worth Street, Room 601, CN 31**  
New York, NY 10013  
(212) 788-5242 tel  
(212) 788-4315 fax

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

4/21/2011

**Attention:** *Shana*

**Re:** *1309 to 1321 38 Street, Bklyn/Environmental Records*  
**Control #:** *2011FR00791*

This is to acknowledge receipt of your Freedom of Information Law request. Your request has been assigned the above control number and has been forwarded to the bureau or office identified below for processing.

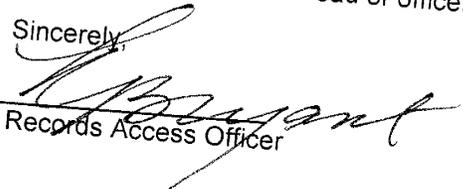
There is a fee of 25¢ per page for copies of Department records. You will be advised by the bureau indicated below, of the fee involved and upon receipt of the fee; the copies will be forwarded to you. All agencies of government are exempt from the fee.

You should receive a response from the indicated bureau within twenty business days.

**Bureau / Office**

- Lead Poisoning Prevention  
Ben DelPercio  
(212) 676-6123
- Bureau of Complaints  
Roslyn Mondesir  
(917) 438-9773
- Administrative Tribunal  
Roxanne Kewley  
(212) 788-5084
- Environmental Health Services  
Natisha Smith or Shirley Wiley  
(212) 788-4705/4706
- Contract Services  
Christine Scott  
(212) 219-5896
- Other:

All inquiries regarding the status of your request should be referred to the above bureau or office.

Sincerely,  
  
Records Access Officer

# Hydro Tech Environmental, Corp.

www.hydrotechenvironmental.com

# Fax Transmittal

2171 Jericho Turnpike, Suite 345

Commack, NY 11725

Tel.631-462-5866 Fax.631-462-5877



15 Ocean Avenue, 2<sup>nd</sup> Floor

Brooklyn, NY 11225

Tel.718-636-0800 Fax.718-636-0900

To: Records Access Officer Fax No: 718-595-6543

- |       |                                  |                          |                   |                          |
|-------|----------------------------------|--------------------------|-------------------|--------------------------|
| From: | Mostafa El Sehamy, P.G., C.G.W.P | <input type="checkbox"/> | Alina Jalcubowska | <input type="checkbox"/> |
|       | Mark Robbins, C.P.G, C.E.I       | <input type="checkbox"/> | Timothy Lo        | <input type="checkbox"/> |
|       | Rachel Ataman                    | <input type="checkbox"/> | Carlos Quinonez   | <input type="checkbox"/> |
|       | Paul Matli                       | <input type="checkbox"/> | Efrain Hernandez  | <input type="checkbox"/> |
|       | Silvestre Castillo               | <input type="checkbox"/> | Fabio Cruz        | <input type="checkbox"/> |
|       | Shana Cross                      | <input type="checkbox"/> | Yilmaz Ozer       | <input type="checkbox"/> |
|       | Adam El Sehamy                   | <input type="checkbox"/> | Muslima Ward      | <input type="checkbox"/> |

Date: 4-13-2011 Pages(Including Cover): 2

Re: Peril request

This fax \_\_\_\_\_ will \_\_\_\_\_ will not follow via mail

Message:

# NEW YORK CITY DEPARTMENT OF ENVIRONMENTAL PROTECTION

## Application for Records, Article 6 - New York State Public Officers Law, Freedom of Information Law

Complete Part I of this form. Please refer to instruction sheet for assistance in completing this form. If responsive records are located, you will be notified and informed of the required payment. Advance payment is required in check or money order payable to the City of New York before documents will be released. Either send the complete application to the Records Access Officer at NYC DEP, Bureau of Legal Affairs, 59-17 Junction Blvd., 19<sup>th</sup> Fl., Flushing, NY 11373, or fax to (718) 595-6543. **DO NOT FAX AND MAIL.**

### PART I. APPLICATION - Check type of record(s) requested:

- |  |   |   |   |
|--|---|---|---|
| <input type="checkbox"/> Bid/ Procurement (ACCO)                                 | <input type="checkbox"/> Notices of Violation and decisions (ECB)                             | <input type="checkbox"/> Sewer main/line repair/construction (BWSO) | <input type="checkbox"/> Water bill accounts/ metering (BCS)                    |
| <input checked="" type="checkbox"/> Asbestos (BEC)                               | <input type="checkbox"/> Environmental Review/SEQRA (OEPA)                                    | <input type="checkbox"/> Water Quality (BWSWQ)                      | <input type="checkbox"/> Personnel records (HRM)                                |
| <input checked="" type="checkbox"/> Hazardous materials emergency response (BEC) | <input checked="" type="checkbox"/> Industrial Pretreatment/ sewer discharge violations (BWT) | <input type="checkbox"/> Watershed/ reservoir operations (BWS)      | <input checked="" type="checkbox"/> Wastewater Treatment Plant operations (BWT) |
| <input type="checkbox"/> Right To Know (BEC)                                     | <input type="checkbox"/> Water main/line repair/construction (BWSO)                           | <input type="checkbox"/> Watershed area incident reports (DEP PD)   |   |
| <input checked="" type="checkbox"/> Air permits/complaints/ inspections (BEC)    |   |   |   |
| <input checked="" type="checkbox"/> Noise complaints/ inspections (BEC)          |   |   |   |

I hereby apply to  inspect or  receive copies of the following records (use additional sheets as needed and attach):

Location: 30A-1391 38<sup>th</sup> Street, Brooklyn, NY Block: 5300, Lots 8, 70, 72, 74  
 Time frame/date of records: \_\_\_\_\_

Name: Sharon Cross Phone: 631 462 5861 E-Mail: scross@htecorp.info  
 Firm: Hydro Tech Environmental Corp.  
 Address: 15 Ocean Ave, 2nd Fl City Brooklyn State NY Zip Code 11225  
 Signature: [Signature] Date: 4-13-11

### PART II. DISPOSITION OF REQUEST (TO BE COMPLETED BY THE DEPARTMENT)

APPROVED  APPROVED IN PART -- To arrange for access to the records, please contact:

(Department Representative) \_\_\_\_\_ (Bureau) \_\_\_\_\_ (Phone No.) \_\_\_\_\_  
 Number of Pages: \_\_\_\_\_ x \$.25 per page = Cost \_\_\_\_\_

DENIED DENIED IN PART -- for reason(s) checked: References are to Sec. 87 of the Public Officers Law.

- |  |   |
|--|---|
| <input type="checkbox"/> Exempt: State/Fed. Statute (2(a))   | <input type="checkbox"/> Exempt: Law Enforcement (2(e))     |
| <input type="checkbox"/> Invasion of personal privacy (2(b)) | <input type="checkbox"/> Inter/Intra-agency material (2(g)) |
| <input type="checkbox"/> Competitive position injury (2(d))  | <input type="checkbox"/> (Other) _____                      |

Brief Description of records not subject to disclosure \_\_\_\_\_

A denial, in whole or in part, may be appealed within 30 days by writing to the NYCDEP FOIL Appeals Officer, 59-17 Junction Blvd., 19<sup>th</sup> Fl., Flushing, NY 11373

UNAVAILABLE -- for reason(s) checked:

- |  |                                   |
|--|-----------------------------------|
| Not described in sufficient detail                     | Not maintained by this Department |
| After search, no records responsive to request located |                                   |
| (Other) _____  |                                   |

LOG NO.: 68206

Department Representative \_\_\_\_\_ (Bureau) \_\_\_\_\_ (Date) \_\_\_\_\_

- Fee Waived  Check/M.O. received  Check/M.O. requested



Date: 4/29/11

Re: Freedom of Information Law Request (FOIL) # 68206

Caswell F. Holloway  
Commissioner

Dear Sir or Madam:

Vincent Sapienza, P.E.  
Deputy Commissioner  
Bureau of Wastewater  
Treatment

I am writing in response to your FOIL request (see attached). This response specifically addresses only those aspects of your request related to the discharge of wastewater or other materials to a New York City public sewer. As this letter only pertains to records in the custody of the Division of Pollution Control and Monitoring, if your request was also directed to other divisions within the Bureau of Wastewater Treatment or to other bureaus within the Department of Environmental Protection, then you will receive a separate response from those divisions or bureaus.

96-05 Horace Harding Expwy  
Corona, NY 11368

Concerning your request, the **Division of Pollution Control and Monitoring**:

cannot identify the requested location because \_\_\_\_\_

after search, has not identified any records responsive to your request.

has identified records responsive to your request. Please telephone me at (718) 595-4756 to arrange for an appointment to review the information.

other \_\_\_\_\_

Sincerely,

Vitaly Weiler  
FOIL Liaison  
Division of Pollution Control and Monitoring

## S Cross

---

**From:** Foil r2foil [r2foil@gw.dec.state.ny.us]  
**Sent:** Thursday, April 14, 2011 8:01 AM  
**To:** S Cross  
**Subject:** R2-11-697- Cross-Acknowledgment&website Search Advise.

April 13, 2011

FOIL:

R2-11-697

Shana Cross/Hydro Tech Env., Corp.  
631-462-5866  
F 631-462-5877  
scross@hydrotechenvironmental.com

Re: 1309 to 1321 38th St in Brooklyn

Dear Ms. Cross:

We are in receipt of your Foil request for the above referenced site. The identification Number(s) assigned is: R2-11-697.

If for any reason you need to contact us again please use these numbers. When the programs are done gathering the files/information, this office will contact you.

Please email your future FOILs to Region 2 directly to the following email address: r2foil@gw.dec.state.ny.us

Please expect our response within 20 business days from the date of this letter.

If you have any questions @ your FOIL, please call Gloria Silva/ or Cynthia Whiting/FOIL Secretary at 718-484507, or email me providing the above FOIL # at: r2foil@gw.dec.state.ny.us

Sincerely

yours,

Fawzy I.

Abdelsadek, Ph.D., P.E.

Regional Enforcement Coordinator

Please be advised that in your future submission of FOILs to Region 2, you should include the Spill(s), or PBS(s) number(s) to expedite your request. This will give you more information @ all records that we may have related to your FOIL(s). So that you will submit FOILs, for those that the additional information/records are needed.

NYSDEC public websites that are listed below:

Please be advised that relevant information responsive to your request may be found at the following Department of Environmental Conservation/Remediation's websites:

The Spills Database link is as follows:

<http://www.dec.ny.gov/cfm/external/derexternal/index.cfm?pageid=1>

HWR/Environmental Remediation Website:

<http://www.dec.ny.gov/cfm/EXTAPPS/DEREXTERNAL/INDEX.CFM?PAGEID=3>

The PBS Database link is as follows:

<http://www.dec.ny.gov/cfm/EXTAPPS/DEREXTERNAL/INDEX.CFM?PAGEID=4>

Also, you can search for Permits issued by NYSDEC by using the Link:

<http://www.dec.ny.gov/cfm/EXTAPPS/ENVAPPS/>

If you need assistance on how to search the above websites, please contact me.

Please email your future FOILs to Region 2 directly to the following email address:

[r2foil@gw.dec.state.ny.us](mailto:r2foil@gw.dec.state.ny.us)

If after your search, additional information/records are needed, please include the spill #(s), or PBS #(s), Permit #(s) and exact street address of the site(s) you are requesting information for, and email

your request(s) to Region 2. Please note that Region 2 policy is to submit a FOIL request for a maximum of two (2) sites/FOIL. If you didn't provide the results (i.e. spills/PBS #s) of your websites search within 10 days, your FOIL will be closed

You may resubmit your FOIL again providing the above requested information.

Thank you for your FOIL request. If you have any questions, please call Gloria Silva/FOIL Secretary at (718) 482-4507, or email me providing the above FOIL # at: [r2foil@gw.dec.state.ny.us](mailto:r2foil@gw.dec.state.ny.us).

Sincerely yours,

Fawzy I. Abdelsadek, Ph.D., P.E.  
Regional Enforcement Coordinator

Fawzy I. Abdelsadek, Ph.D., P.E.  
Regional Enforcement Coordinator & FOIL Coordinator  
New York State Department of Environmental Conservation  
Region 2  
47-40 21st Street  
Long Island City, NY 11101  
Tel:(718) 482-4507  
Fax:(718) 482-6729  
[r2foil@gw.dec.state.ny.us](mailto:r2foil@gw.dec.state.ny.us)

Fawzy I. Abdelsadek, Ph.D., P.E.  
Regional Enforcement Coordinator & FOIL Coordinator  
New York State Department of Environmental Conservation  
Region 2  
47-40 21st Street  
Long Island City, NY 11101  
Tel:(718) 482-4992  
Fax:(718) 482-6729  
[r2foil@gw.dec.state.ny.us](mailto:r2foil@gw.dec.state.ny.us)

APPENDIX C  
FIRE INSURANCE MAPS



**1309-1321 38th Street**

1309 38th Street

Brooklyn, NY 11218

Inquiry Number: 3039706.3

April 13, 2011

## Certified Sanborn® Map Report

# Certified Sanborn® Map Report

4/13/11

**Site Name:**

1309-1321 38th Street  
1309 38th Street  
Brooklyn, NY 11218

**Client Name:**

Hydro Tech Env. Corp.  
2171 Jericho Turnpike  
Commack, NY 11725

EDR Inquiry # 3039706.3

Contact: Shana Cross



The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by Hydro Tech Env. Corp. were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting [www.edrnet.com/sanborn](http://www.edrnet.com/sanborn) and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

## Certified Sanborn Results:

**Site Name:** 1309-1321 38th Street  
**Address:** 1309 38th Street  
**City, State, Zip:** Brooklyn, NY 11218  
**Cross Street:**  
**P.O. #** 4603  
**Project:** 110077  
**Certification #** 2441-49B8-8CFC



Sanborn® Library search results  
Certification # 2441-49B8-8CFC

**Maps Provided:**

2007	2001	1990	1978	1905
2006	1995	1988	1976	
2005	1994	1987	1970	
2004	1993	1982	1951	
2003	1992	1980	1942	
2002	1991	1979	1926	

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- Library of Congress
- University Publications of America
- EDR Private Collection

*The Sanborn Library LLC Since 1866™*

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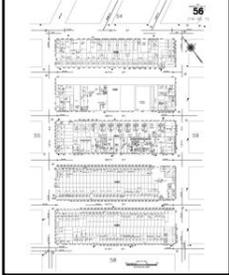
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## Sanborn Sheet Thumbnails

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



### 2007 Source Sheets

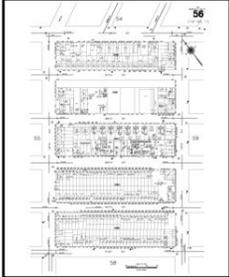


Volume 6A, Sheet 56

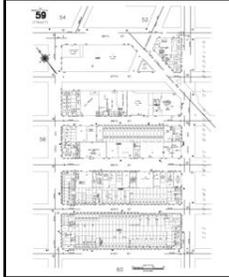


Volume 6A, Sheet 59

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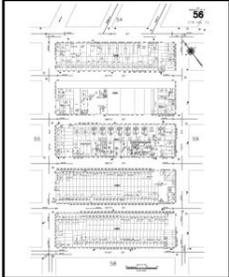


Volume 6A, Sheet 56

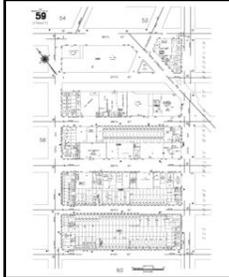


Volume 6A, Sheet 59

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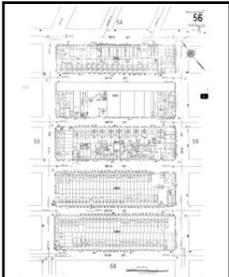


Volume 6A, Sheet 56

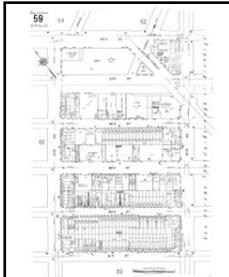


Volume 6A, Sheet 59

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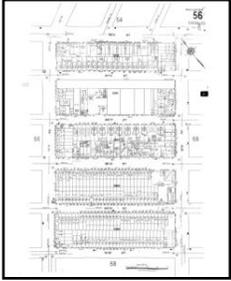


Volume 6A, Sheet 56



Volume 6A, Sheet 59

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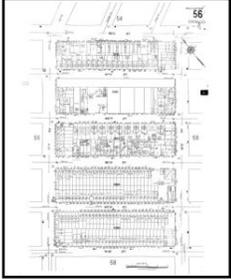


Volume 6A, Sheet 56



Volume 6A, Sheet 59

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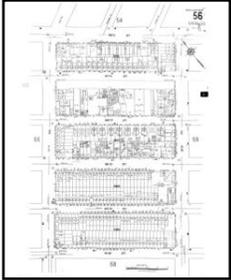


Volume 6A, Sheet 56

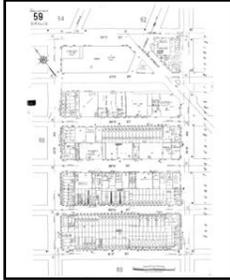


Volume 6A, Sheet 59

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Volume 6A, Sheet 56

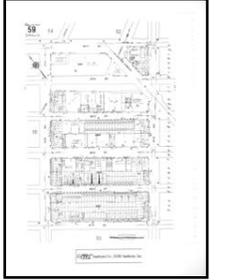


Volume 6A, Sheet 59

**1995 Source Sheets**



Volume 6A, Sheet 56



Volume 6A, Sheet 59

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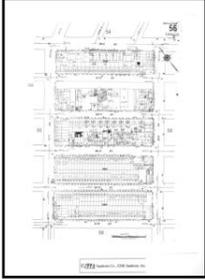


Volume 6A, Sheet 56



Volume 6A, Sheet 59

**1993 Source Sheets**

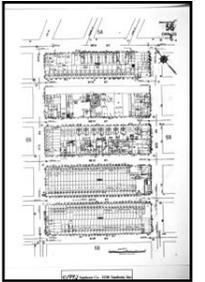


Volume 6A, Sheet 56

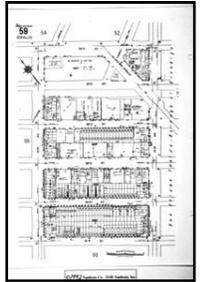


Volume 6A, Sheet 59

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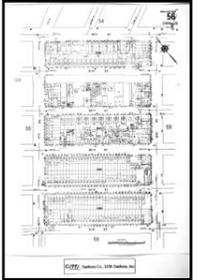


Volume 6A, Sheet 56



Volume 6A, Sheet 59

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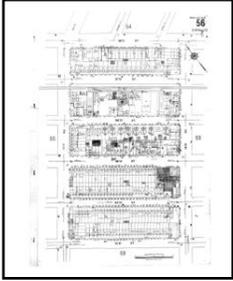


Volume 6A, Sheet 56



Volume 6A, Sheet 59

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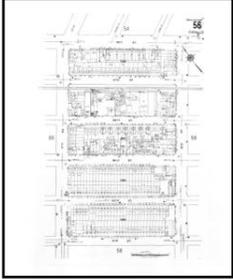


Volume 6A, Sheet 56



Volume 6A, Sheet 59

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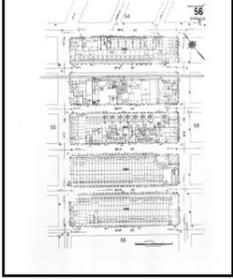


Volume 6A, Sheet 56



Volume 6A, Sheet 59

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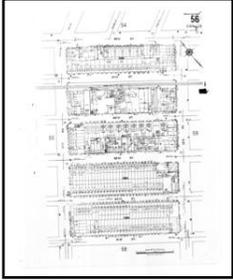


Volume 6A, Sheet 56

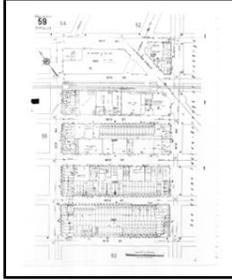


Volume 6A, Sheet 59

**1982 Source Sheets**



Volume 6A, Sheet 56



Volume 6A, Sheet 59

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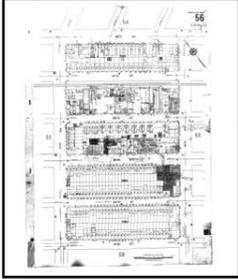


Volume 6A, Sheet 56

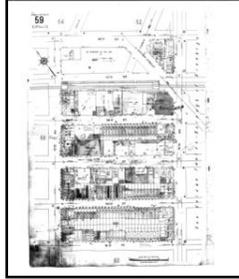


Volume 6A, Sheet 59

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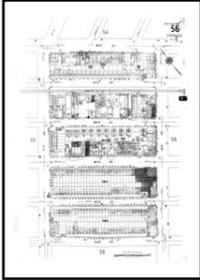


Volume 6A, Sheet 56

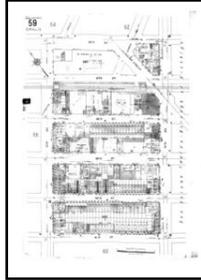


Volume 6A, Sheet 59

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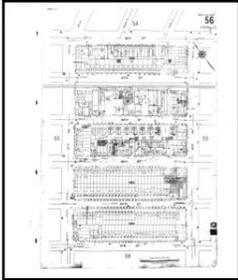


Volume 6A, Sheet 56

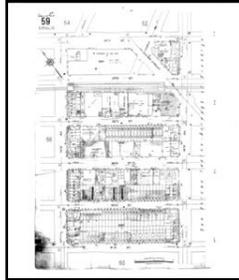


Volume 6A, Sheet 59

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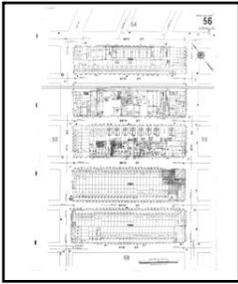


Volume 6A, Sheet 56

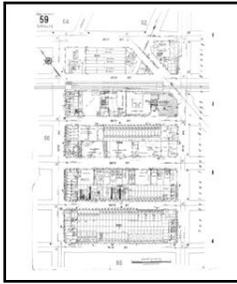


Volume 6A, Sheet 59

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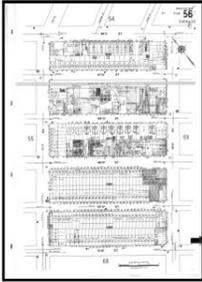


Volume 6A, Sheet 56



Volume 6A, Sheet 59

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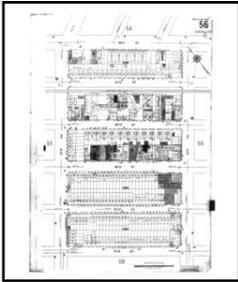


Volume 6A, Sheet 56

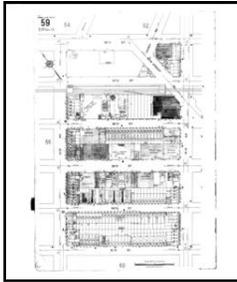


Volume 6A, Sheet 59

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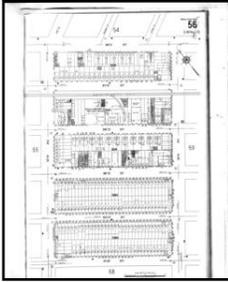


Volume 6A, Sheet 56

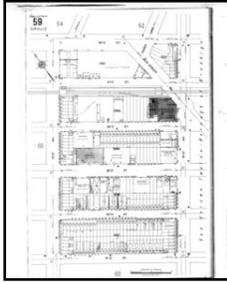


Volume 6A, Sheet 59

**1926 Source Sheets**

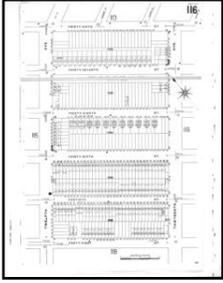


Volume 6A, Sheet 56



Volume 6A, Sheet 59

**1905 Source Sheets**



Volume 11, Sheet 116



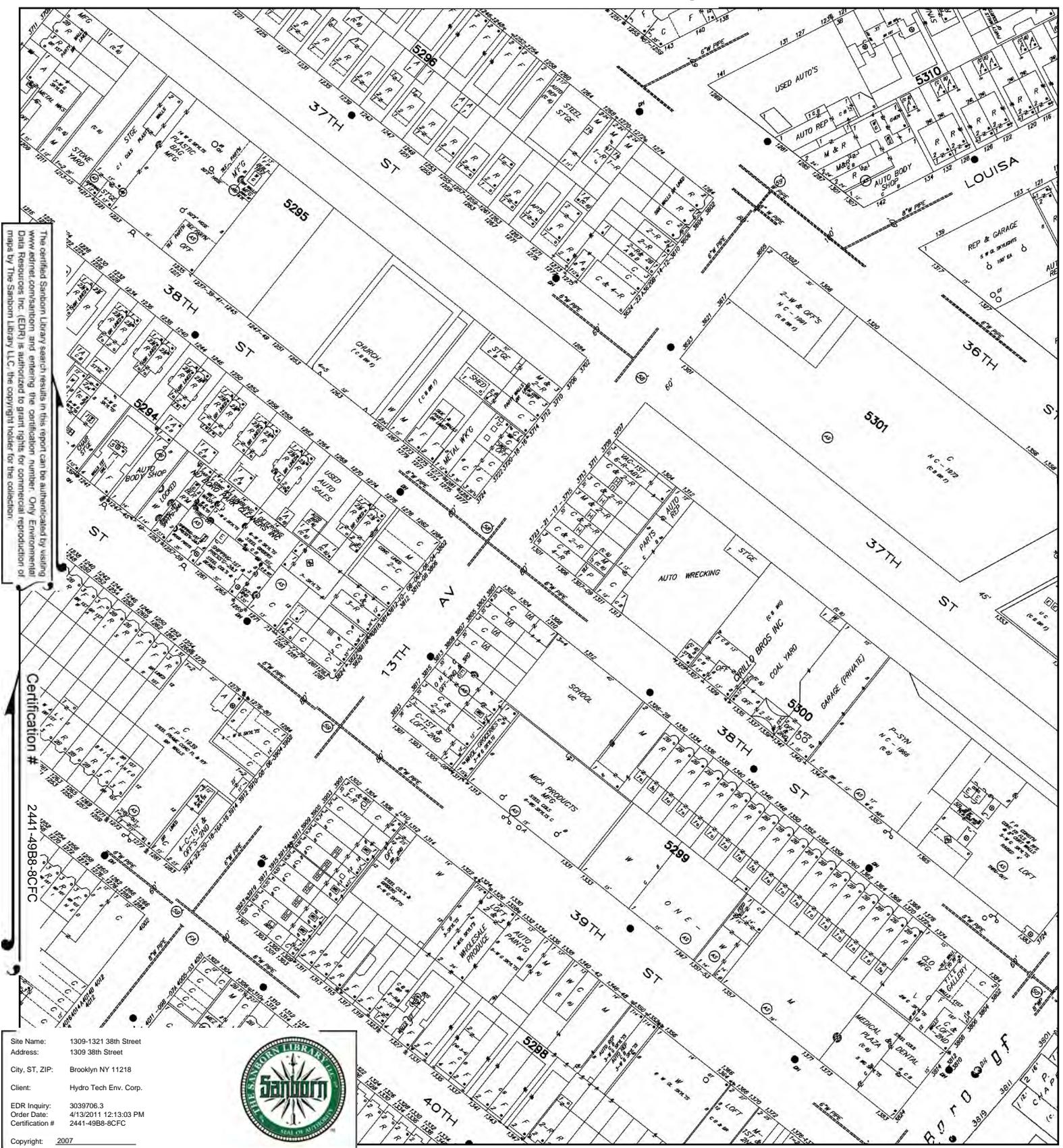
Volume 11, Sheet 119

# 2007 Certified Sanborn Map

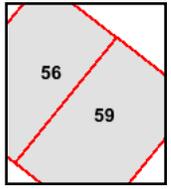
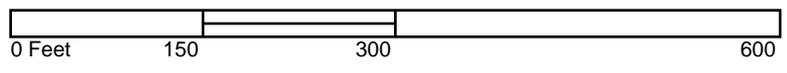
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Certification # 2441-49B8-8CFC

Site Name: 1309-1321 38th Street  
 Address: 1309 38th Street  
 City, ST, ZIP: Brooklyn NY 11218  
 Client: Hydro Tech Env. Corp.  
 EDR Inquiry: 3039706.3  
 Order Date: 4/13/2011 12:13:03 PM  
 Certification # 2441-49B8-8CFC  
 Copyright: 2007



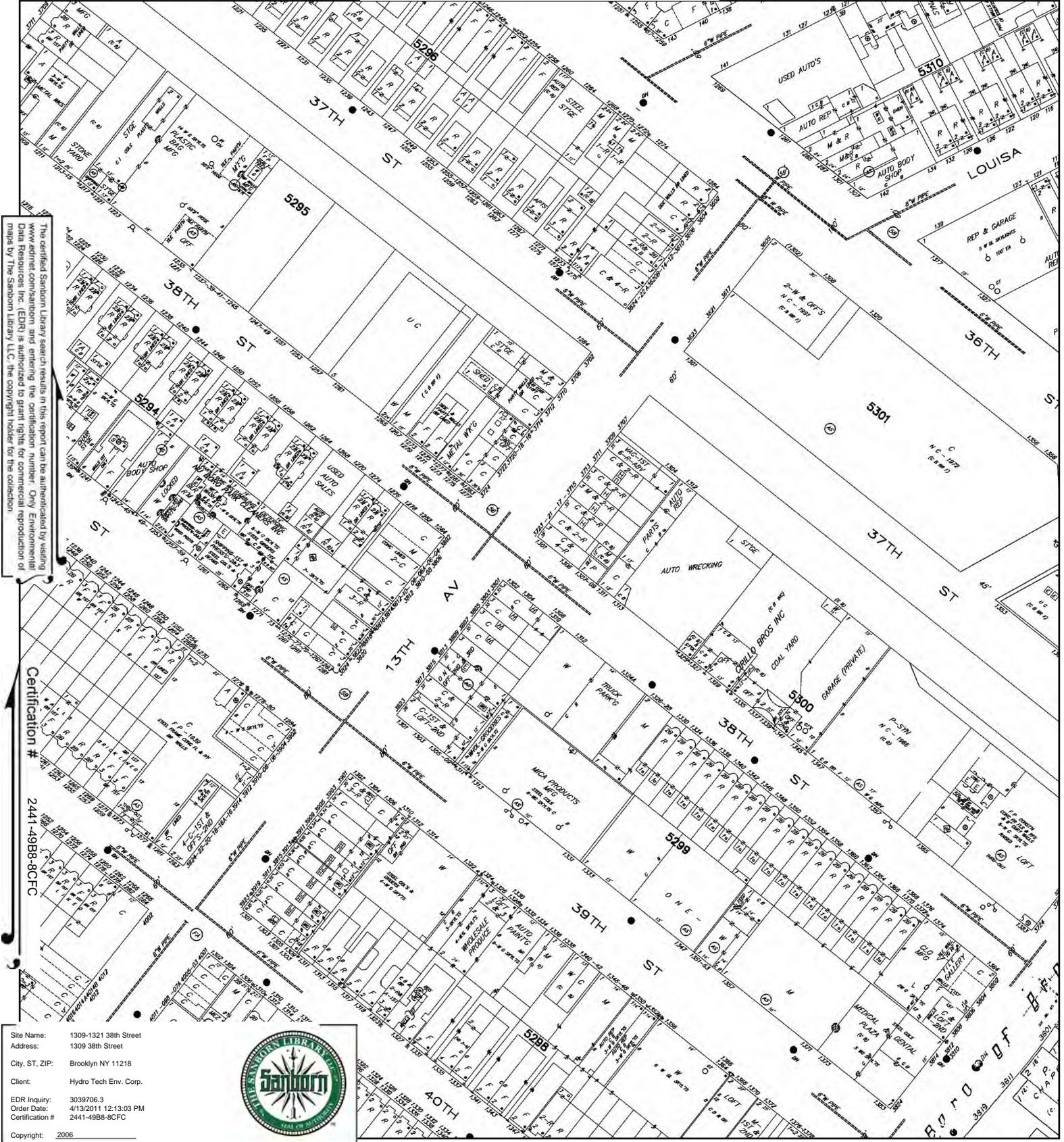
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Volume 6A, Sheet 56  
 Volume 6A, Sheet 59



# 2006 Certified Sanborn Map



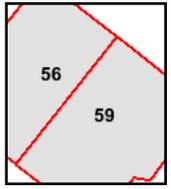
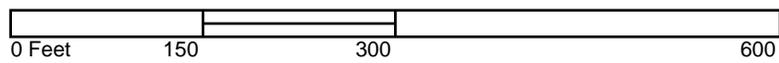
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Site Name: 1309-1321 38th Street  
 Address: 1309 38th Street  
 City, ST, ZIP: Brooklyn NY 11218  
 Client: Hydro Tech Env. Corp.  
 EDR Inquiry: 3039706.3  
 Order Date: 4/13/2011 12:13:03 PM  
 Certification # 2441-49B8-8CFC  
 Copyright: 2006



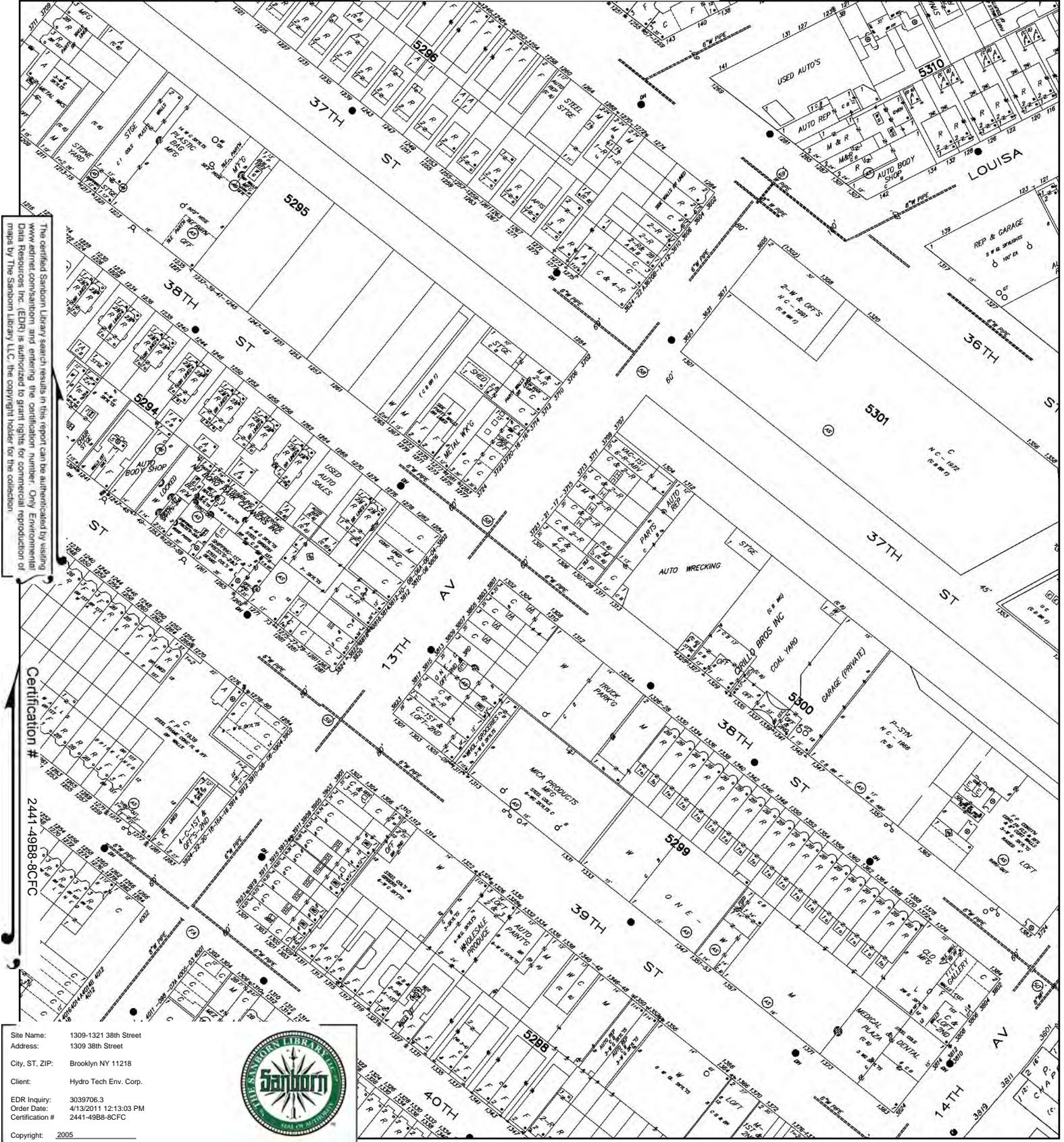
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Volume 6A, Sheet 56  
 Volume 6A, Sheet 59



# 2005 Certified Sanborn Map



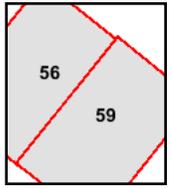
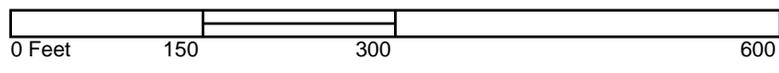
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Certification # 2441-49B8-8CFC

Site Name: 1309-1321 38th Street  
 Address: 1309 38th Street  
 City, ST, ZIP: Brooklyn NY 11218  
 Client: Hydro Tech Env. Corp.  
 EDR Inquiry: 3039706.3  
 Order Date: 4/13/2011 12:13:03 PM  
 Certification # 2441-49B8-8CFC  
 Copyright: 2005



This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



Volume 6A, Sheet 56  
 Volume 6A, Sheet 59



# 2004 Certified Sanborn Map

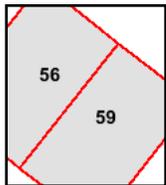
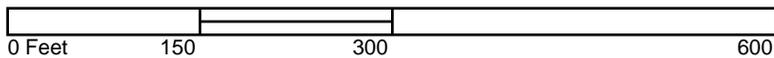


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# 2003 Certified Sanborn Map



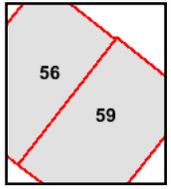
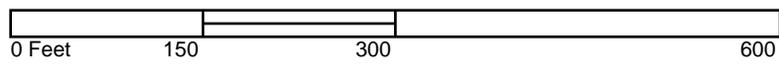
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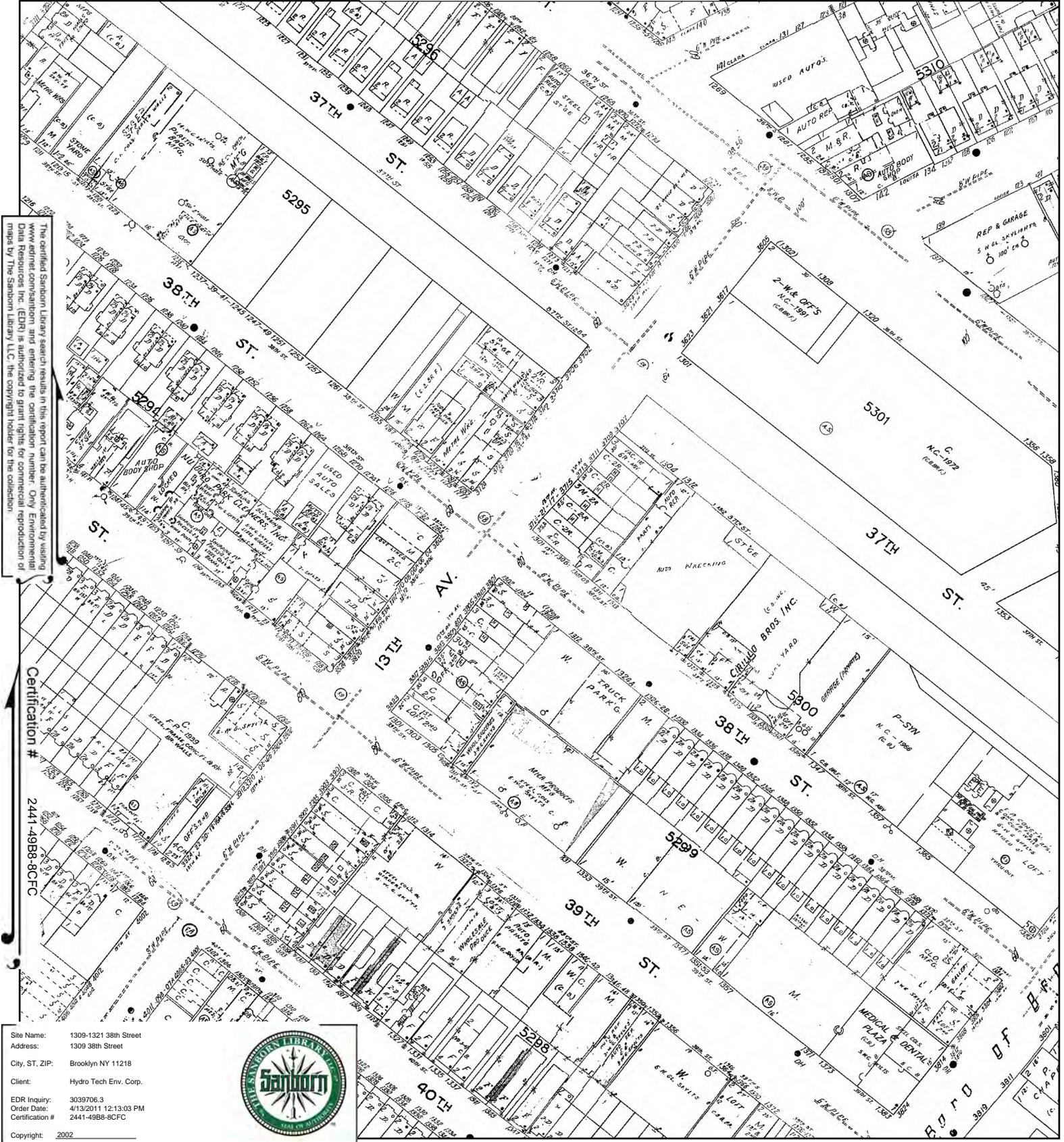
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# 2002 Certified Sanborn Map



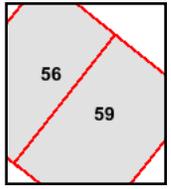
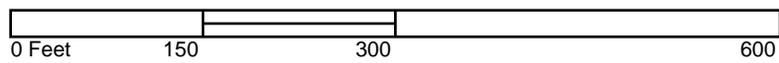
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 Client: Hydro Tech Env. Corp.  
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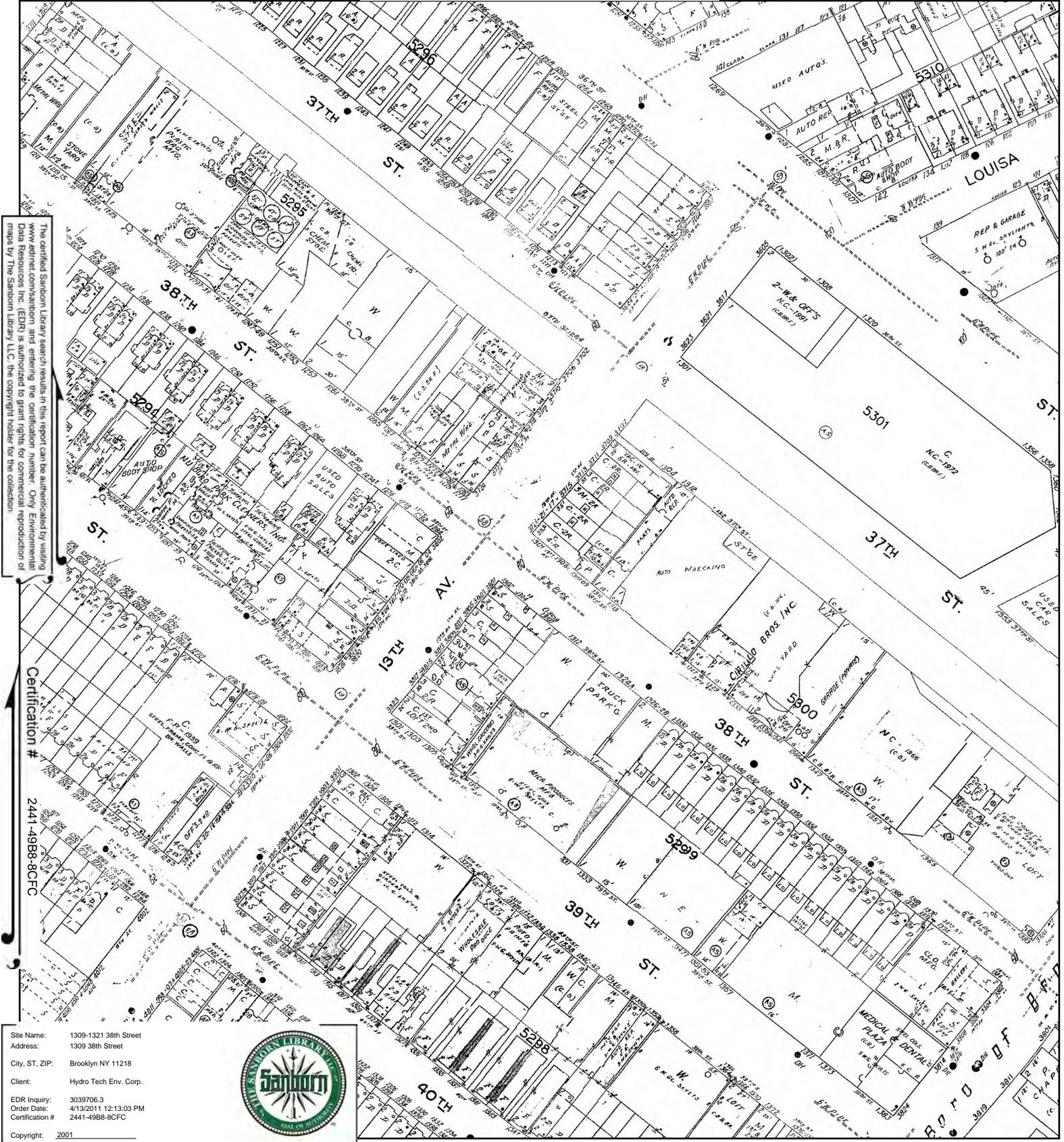
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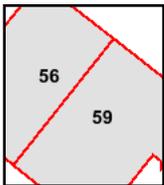
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# 2001 Certified Sanborn Map



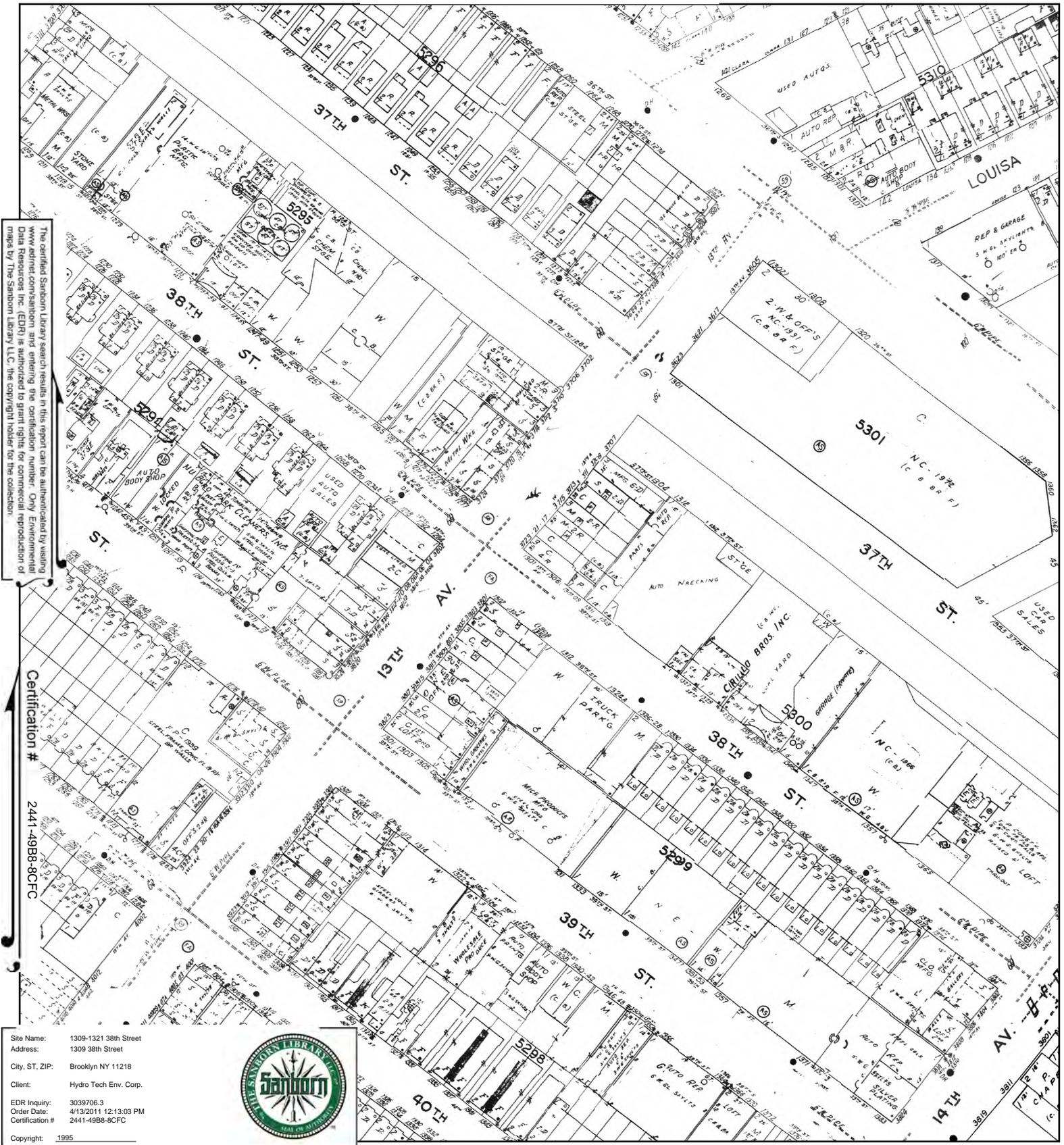
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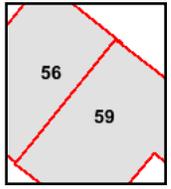
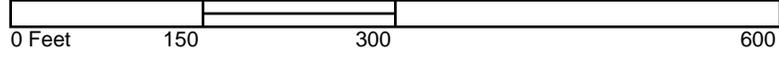
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# 1995 Certified Sanborn Map



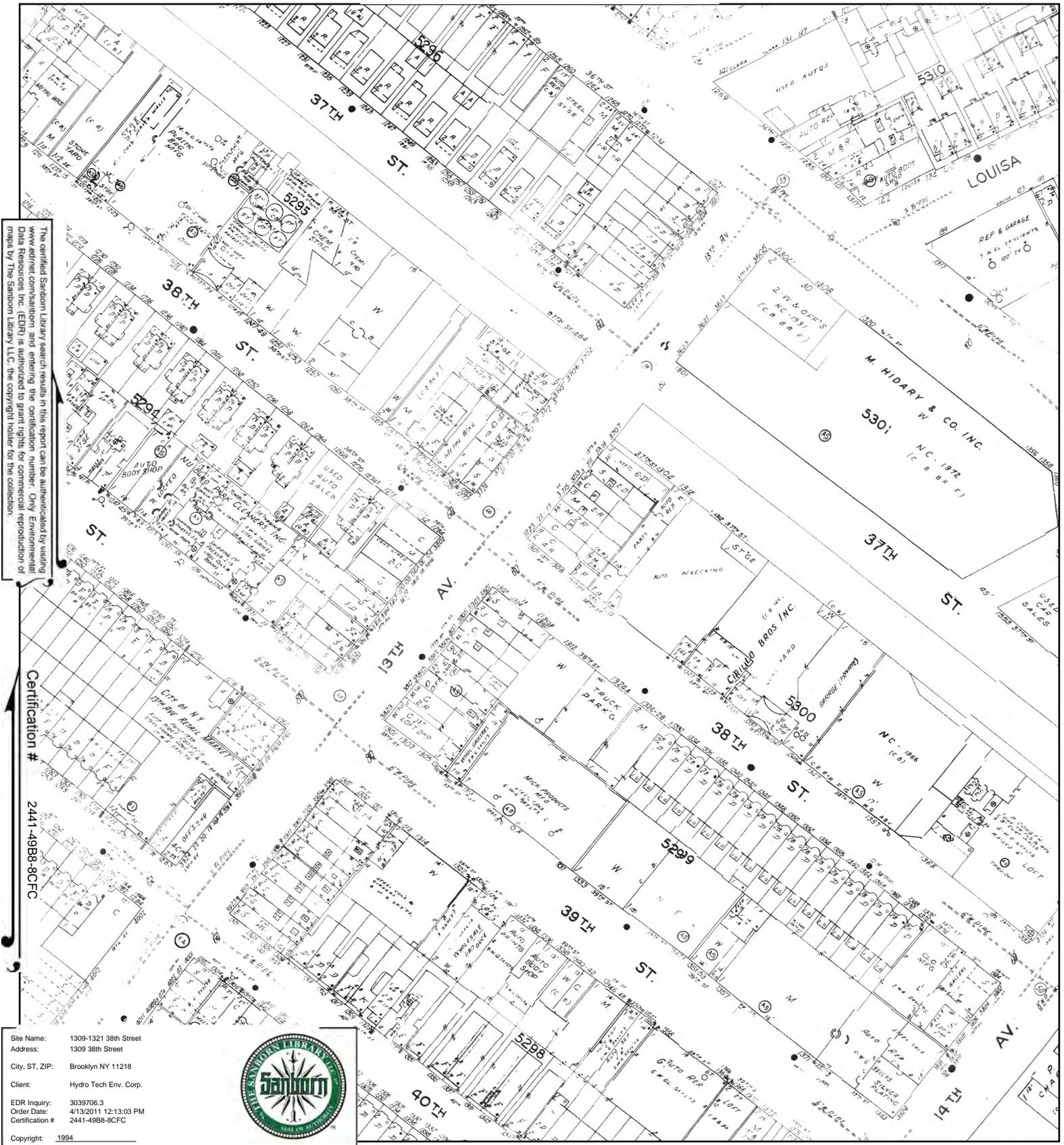
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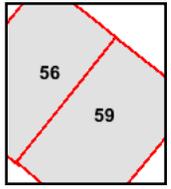
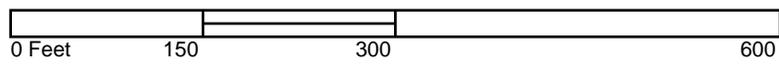
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# 1994 Certified Sanborn Map



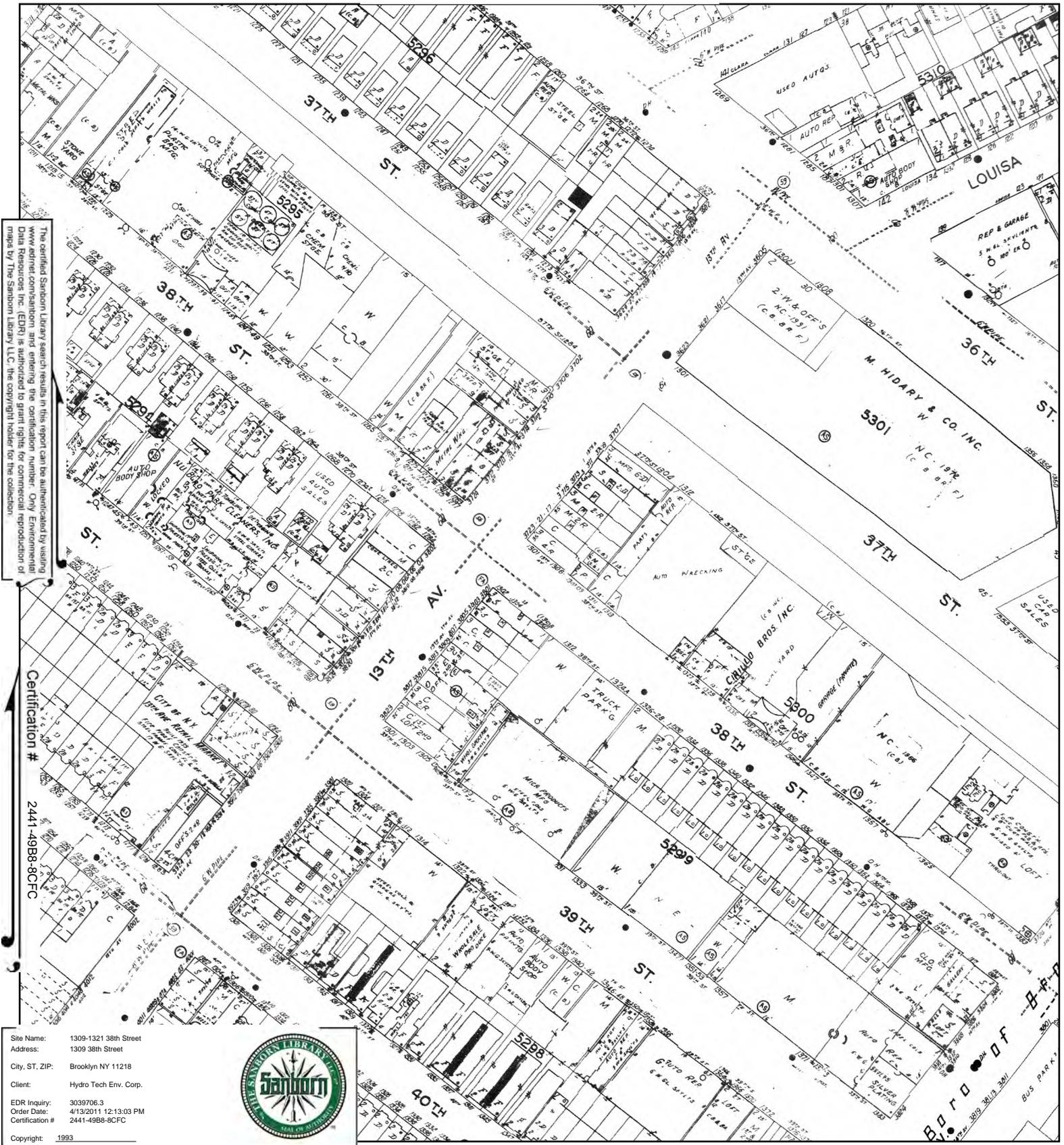
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# 1993 Certified Sanborn Map



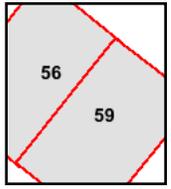
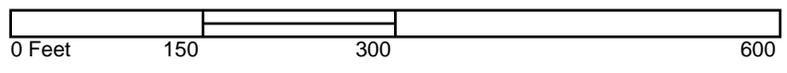
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 Copyright: 1993



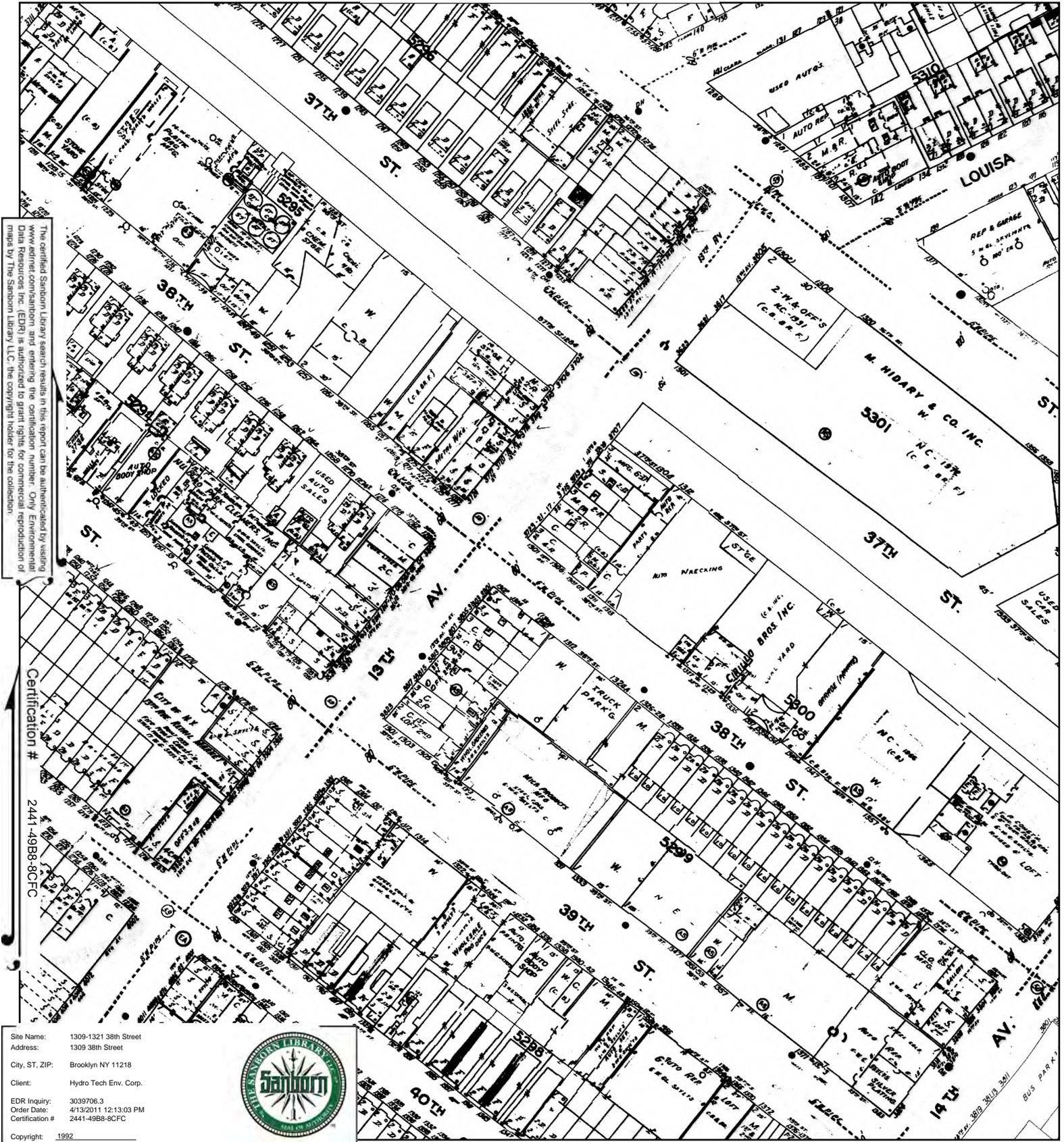
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 Volume 6A, Sheet 59



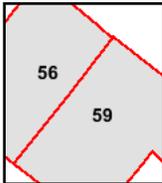
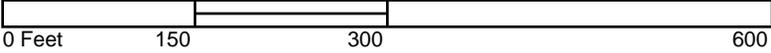
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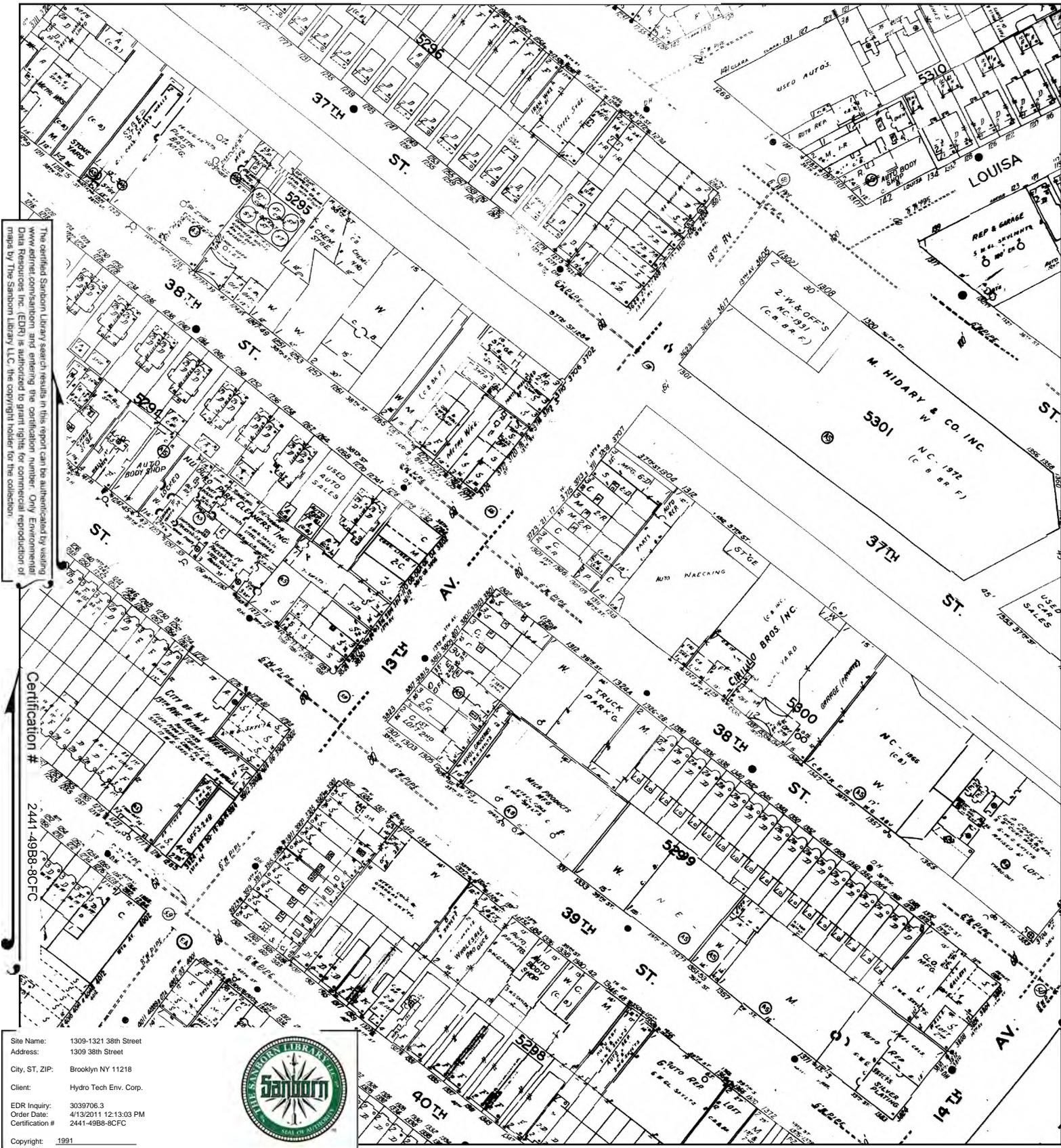
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# 1991 Certified Sanborn Map



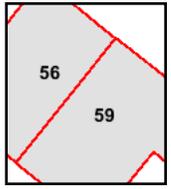
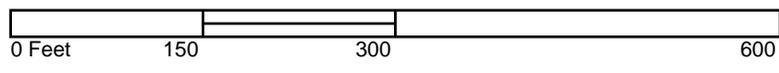
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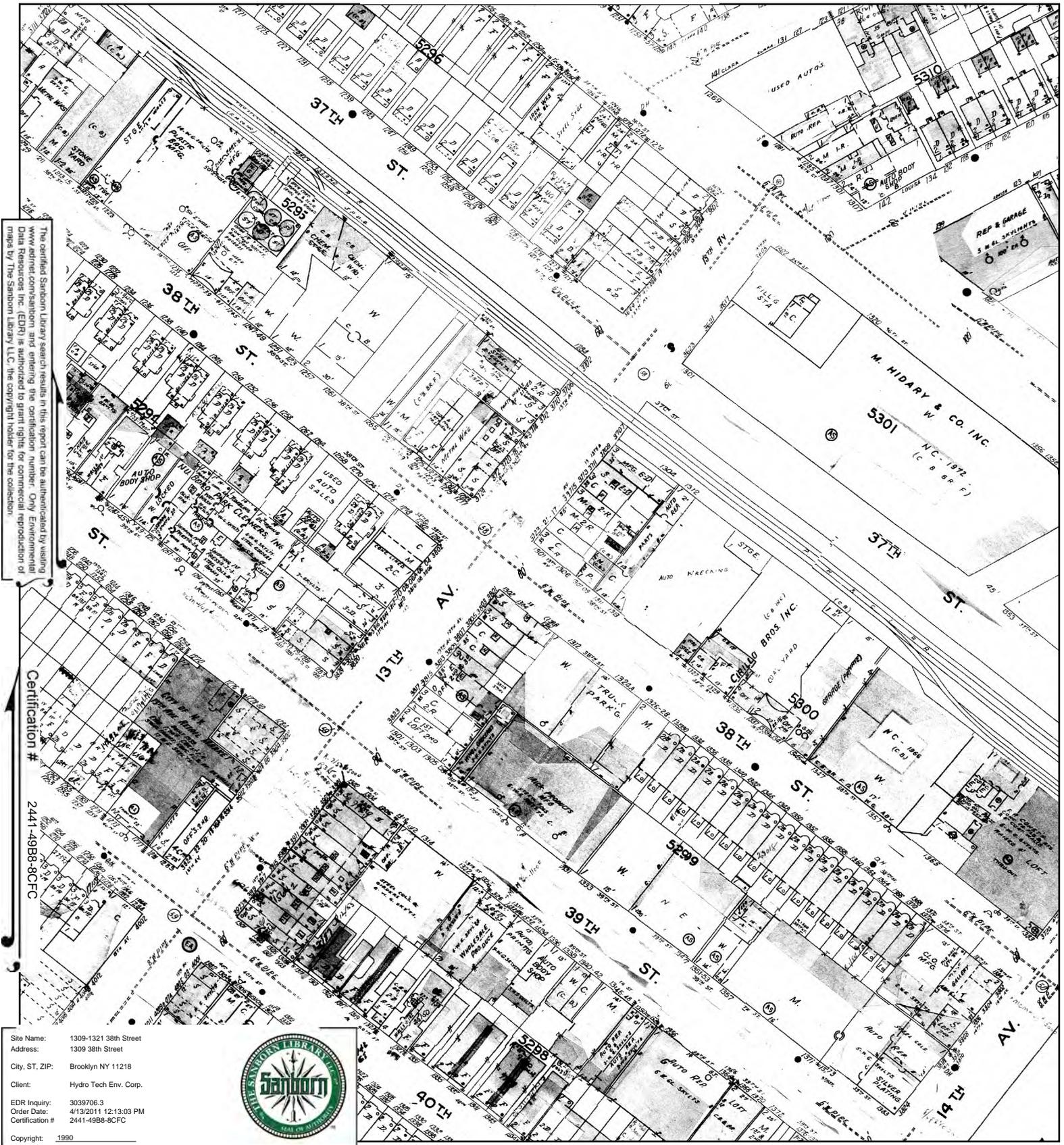
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# 1990 Certified Sanborn Map



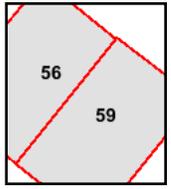
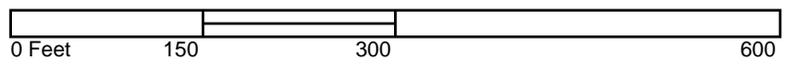
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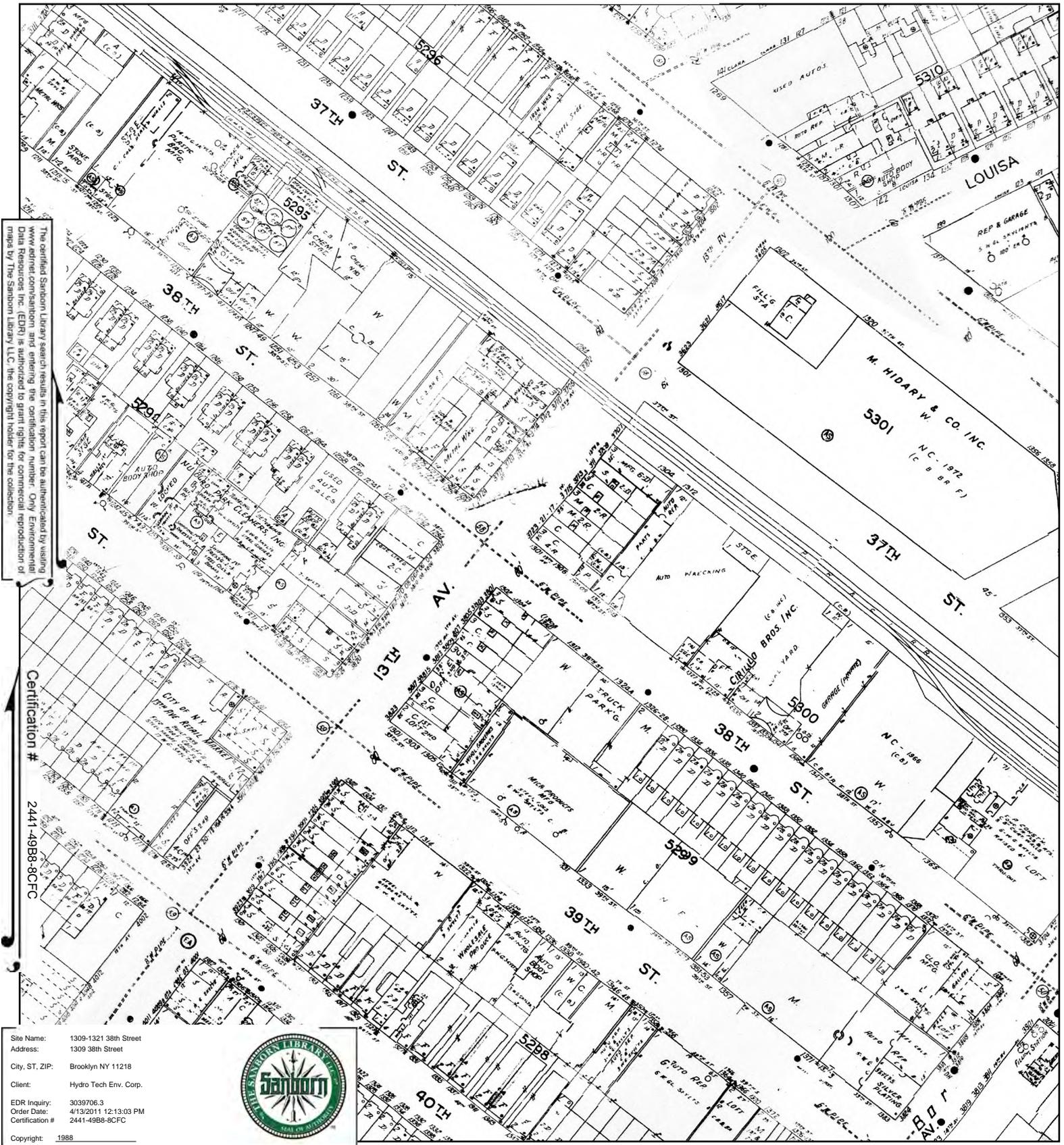
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# 1988 Certified Sanborn Map



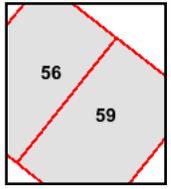
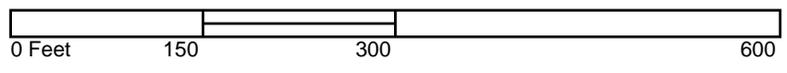
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 Copyright: 1988



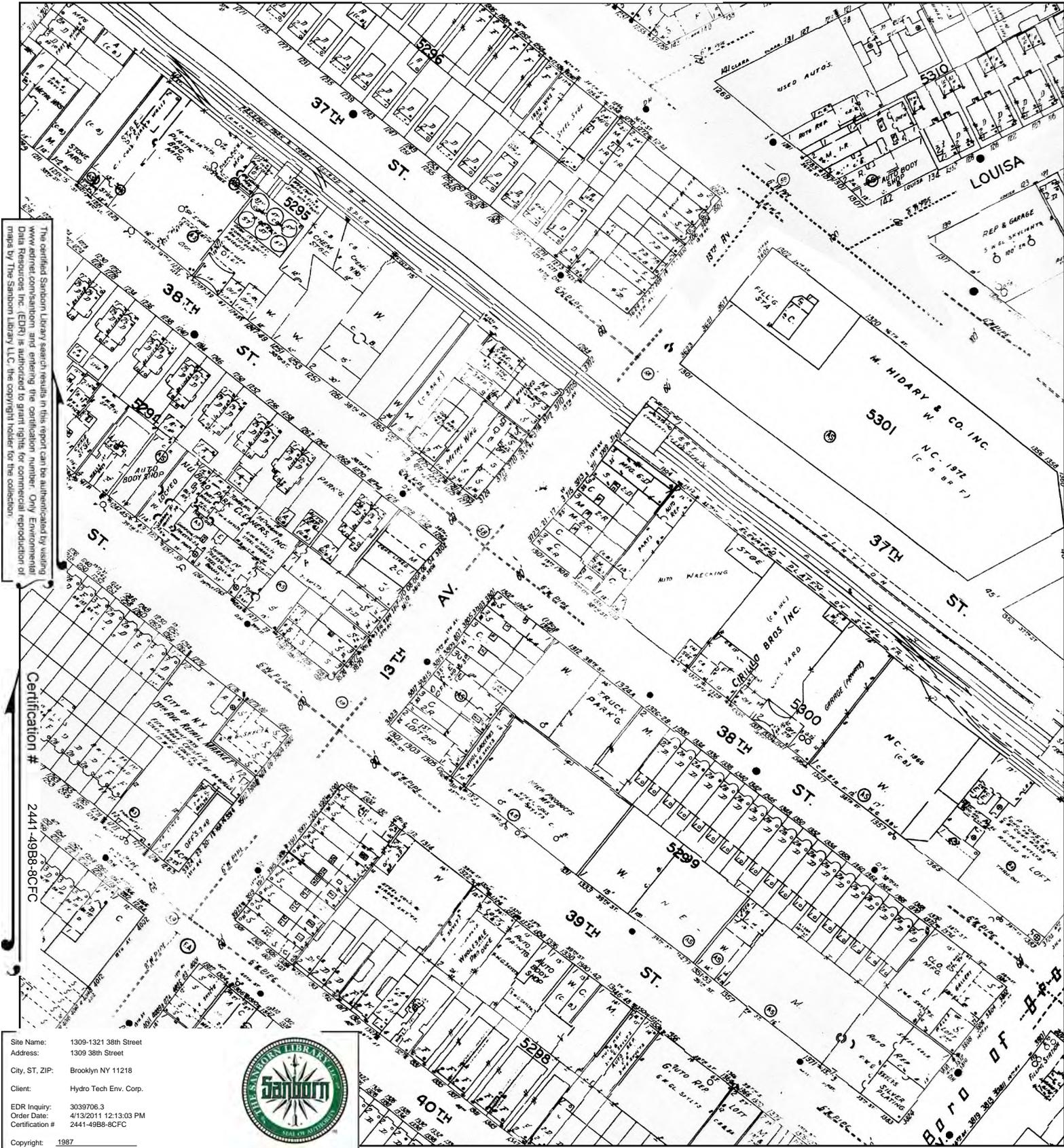
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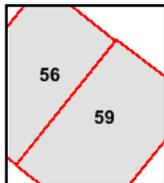
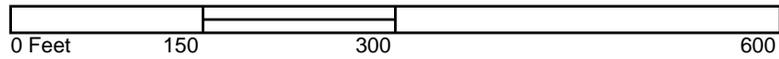
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 Volume 6A, Sheet 59



# 1987 Certified Sanborn Map



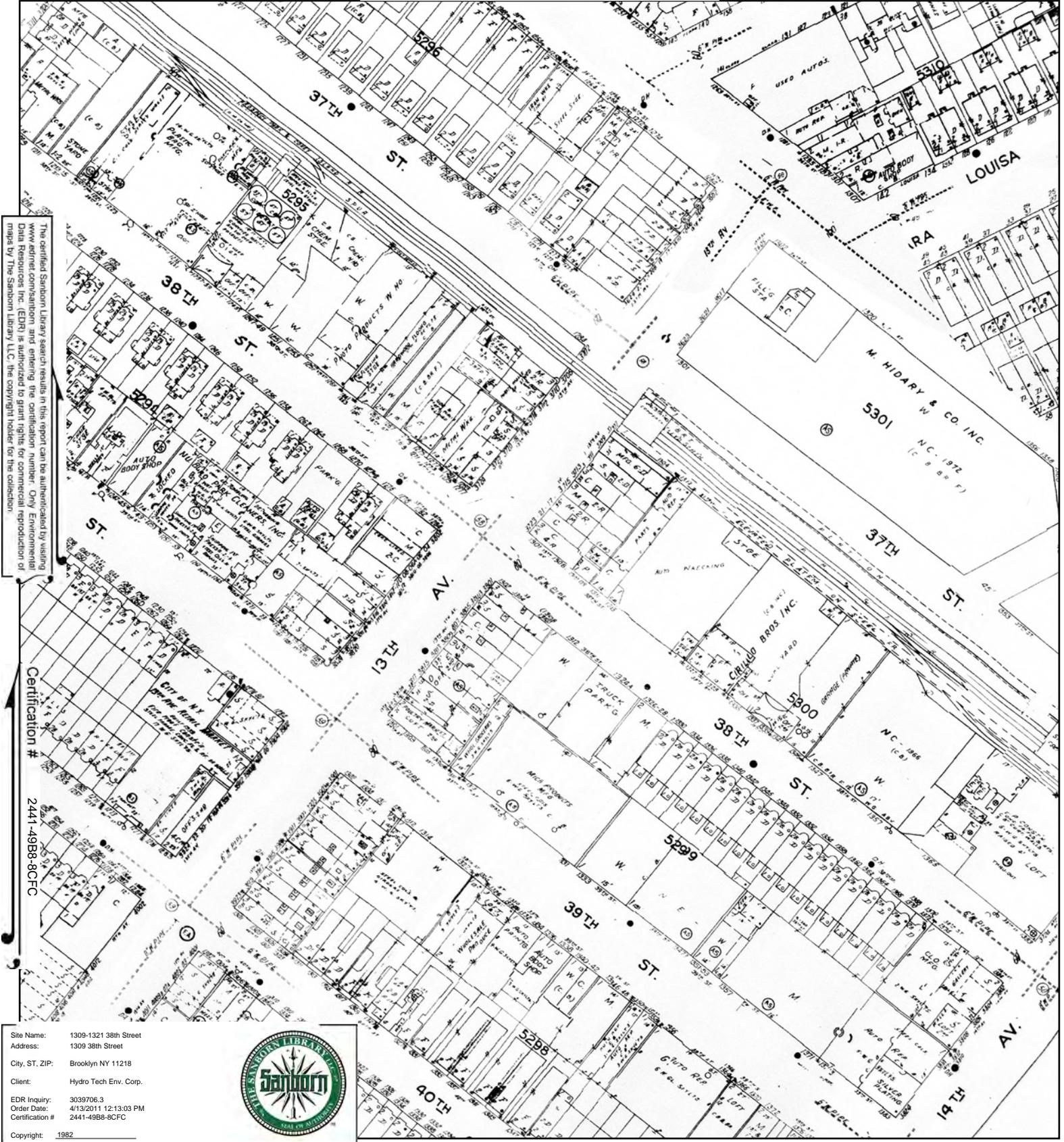
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# 1982 Certified Sanborn Map



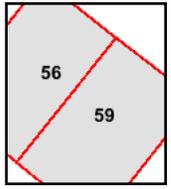
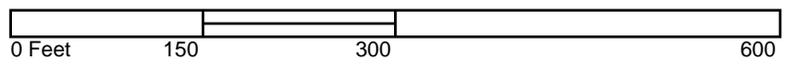
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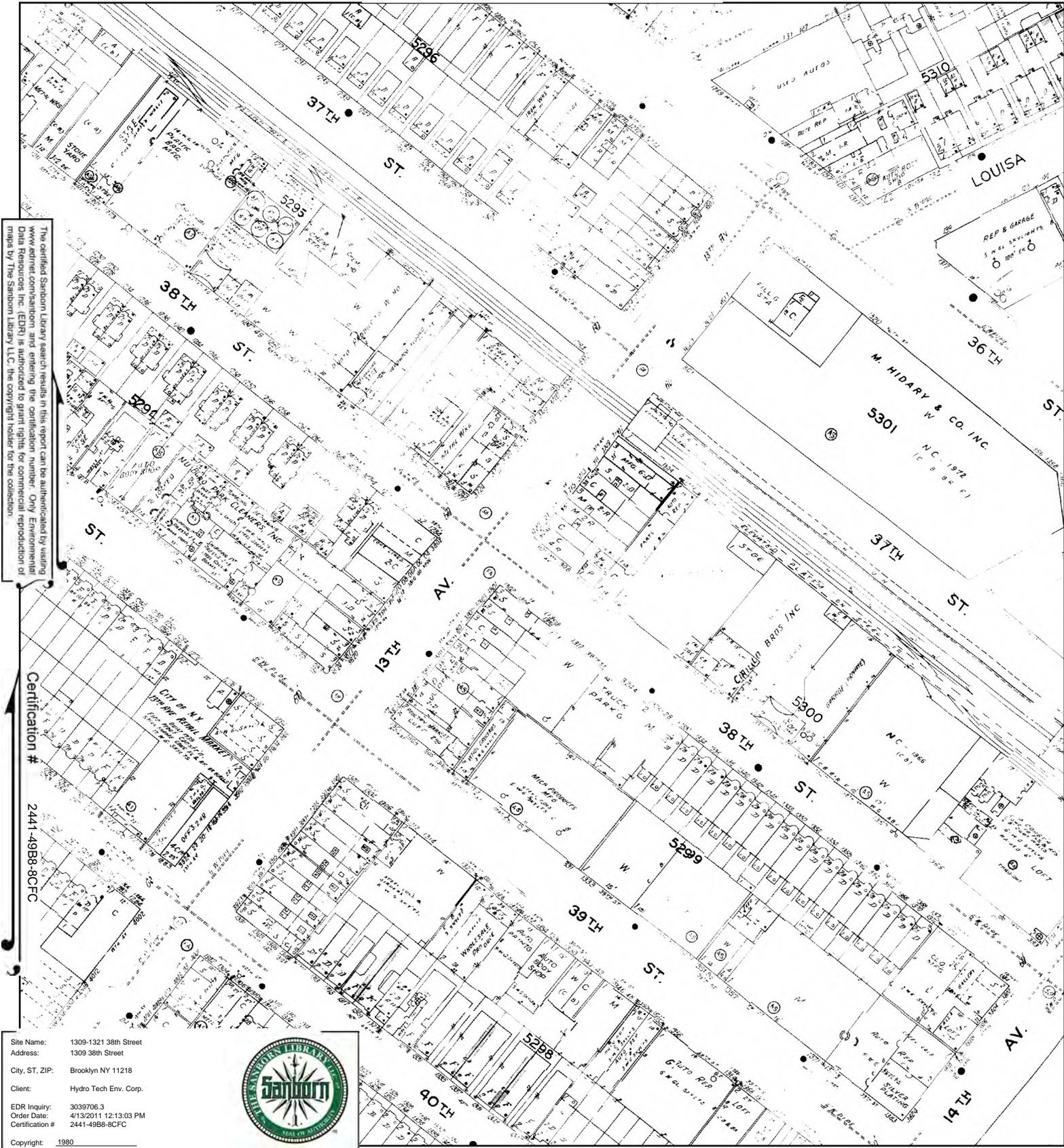
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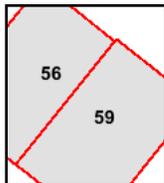
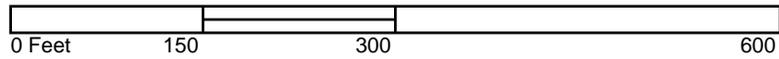
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# 1980 Certified Sanborn Map



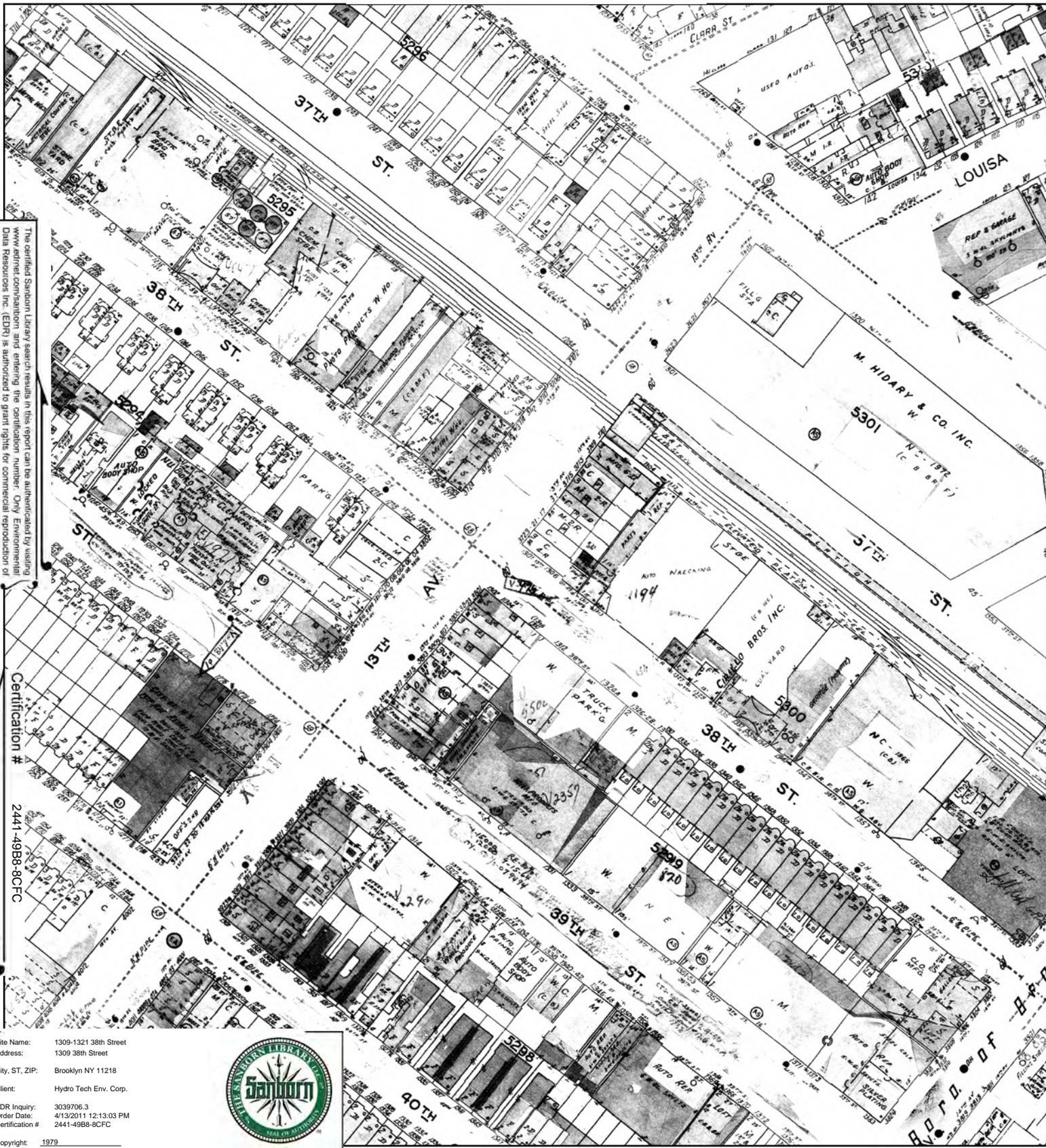
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# 1979 Certified Sanborn Map



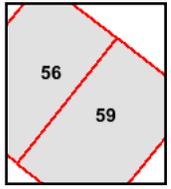
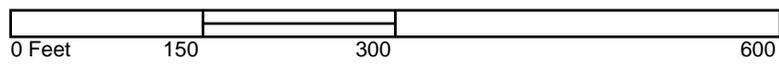
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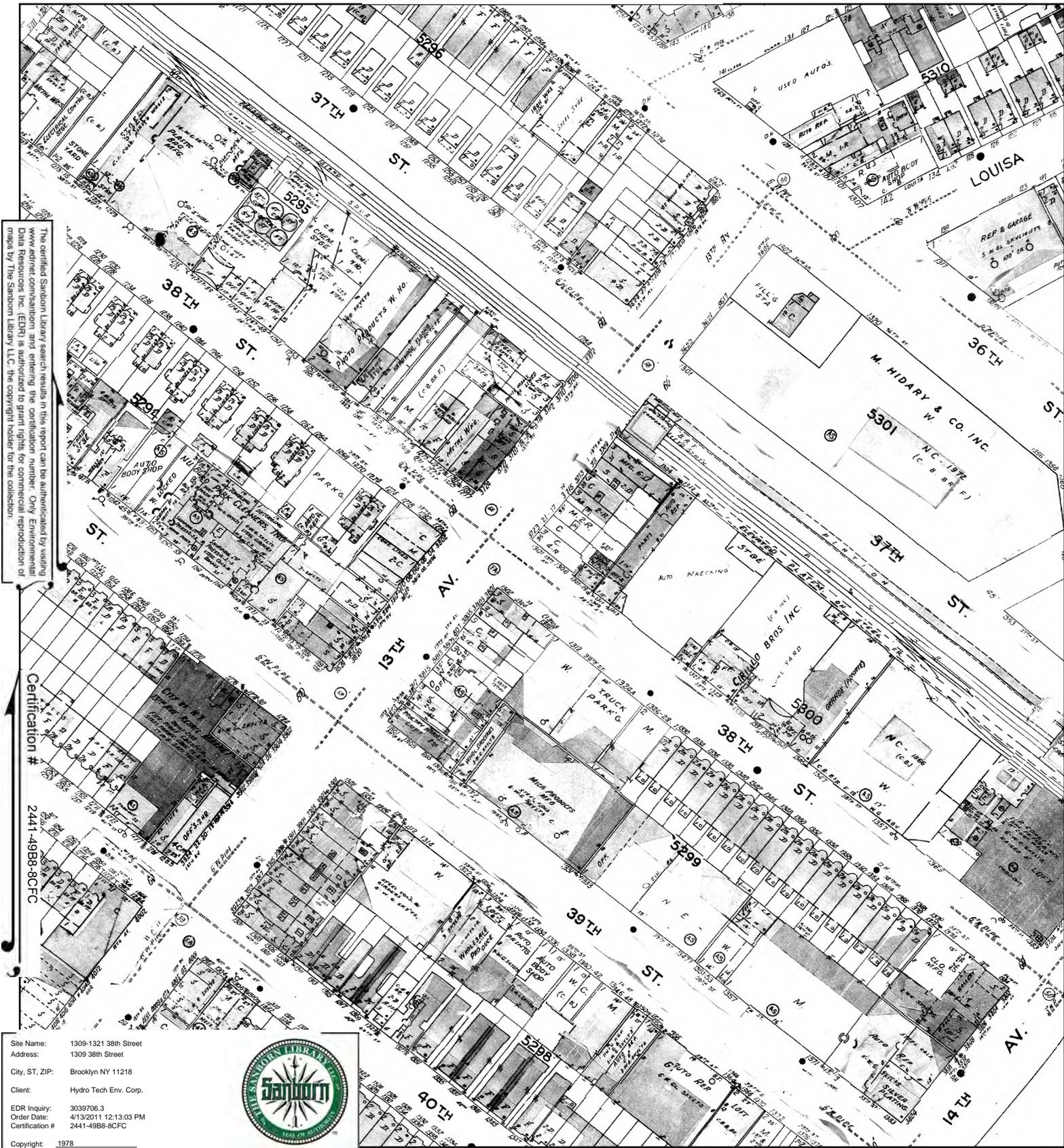
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# 1978 Certified Sanborn Map



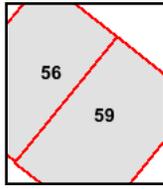
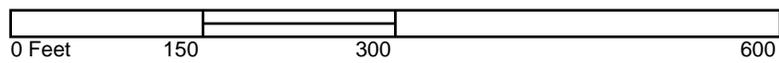
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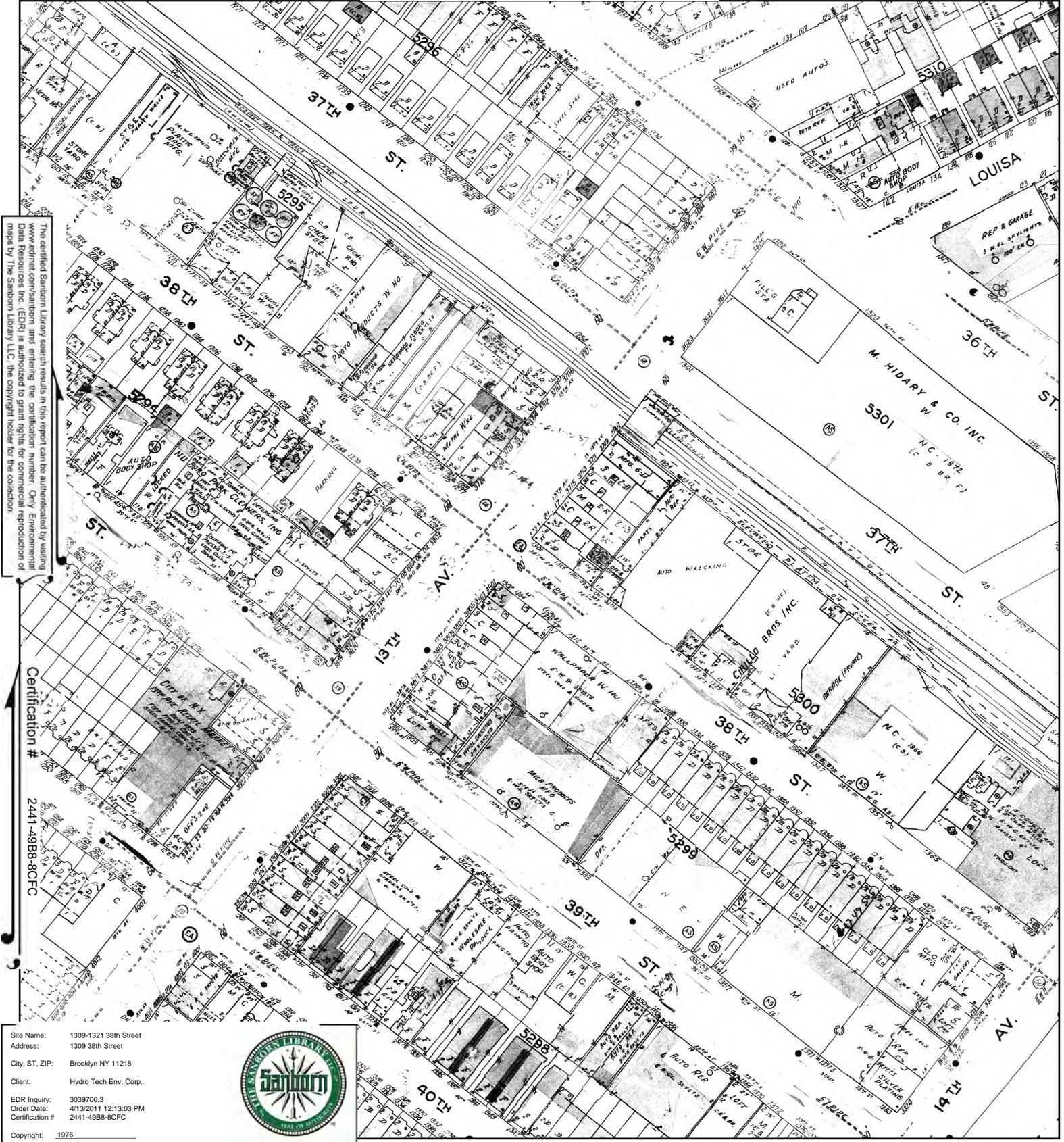
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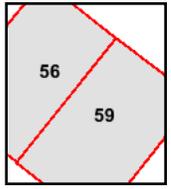
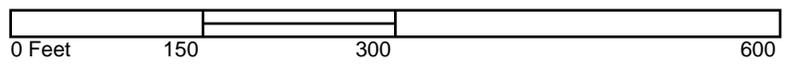
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 Copyright: 1976



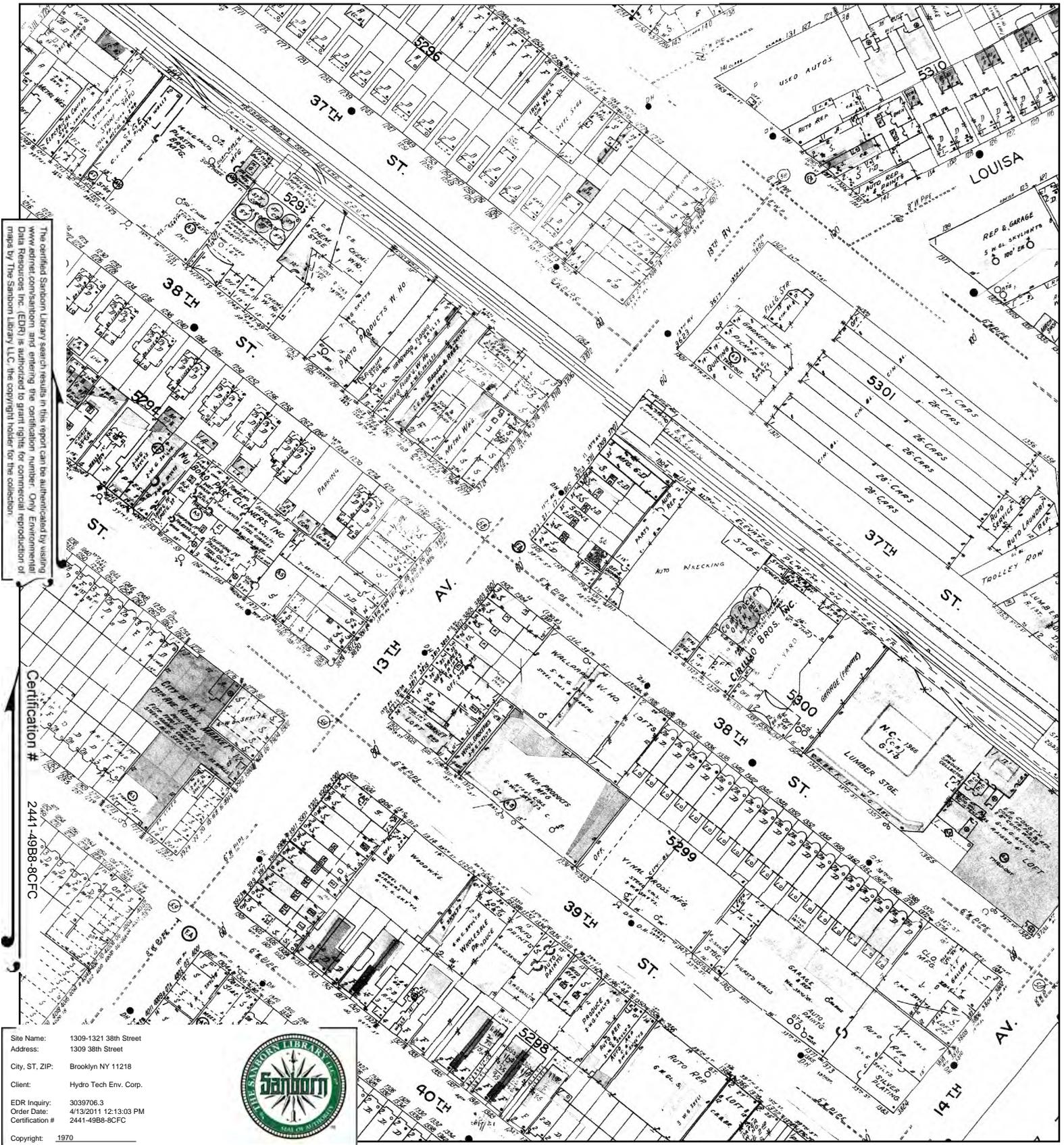
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# 1970 Certified Sanborn Map



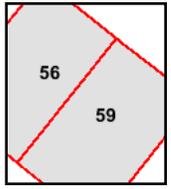
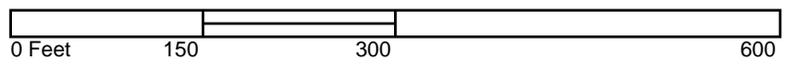
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 Certification #: 2441-49B8-8CFC  
 Copyright: 1970



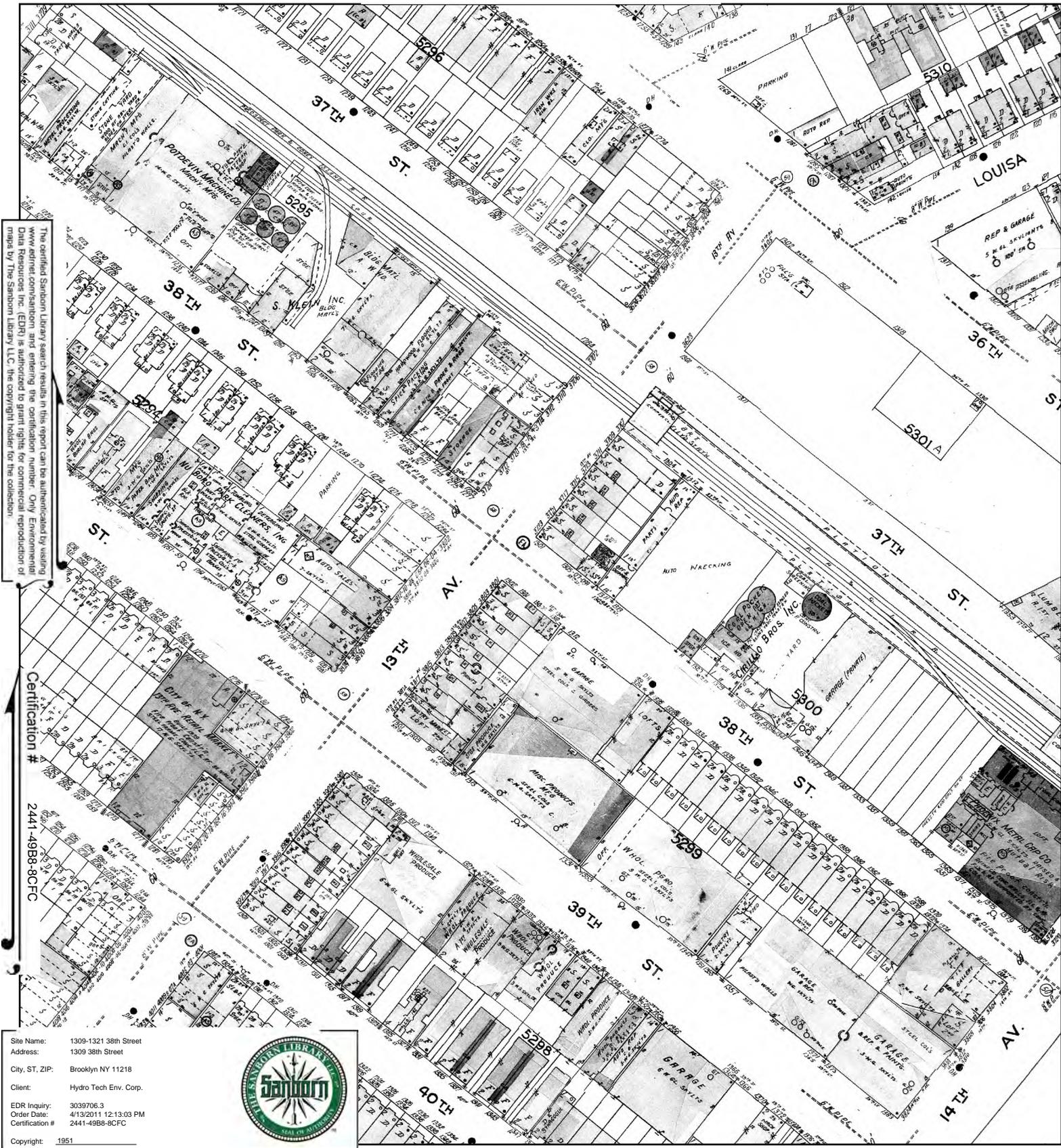
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# 1951 Certified Sanborn Map



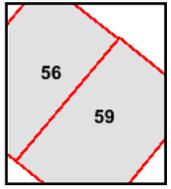
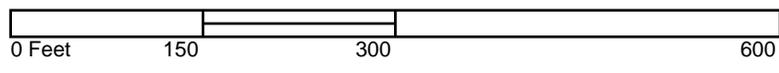
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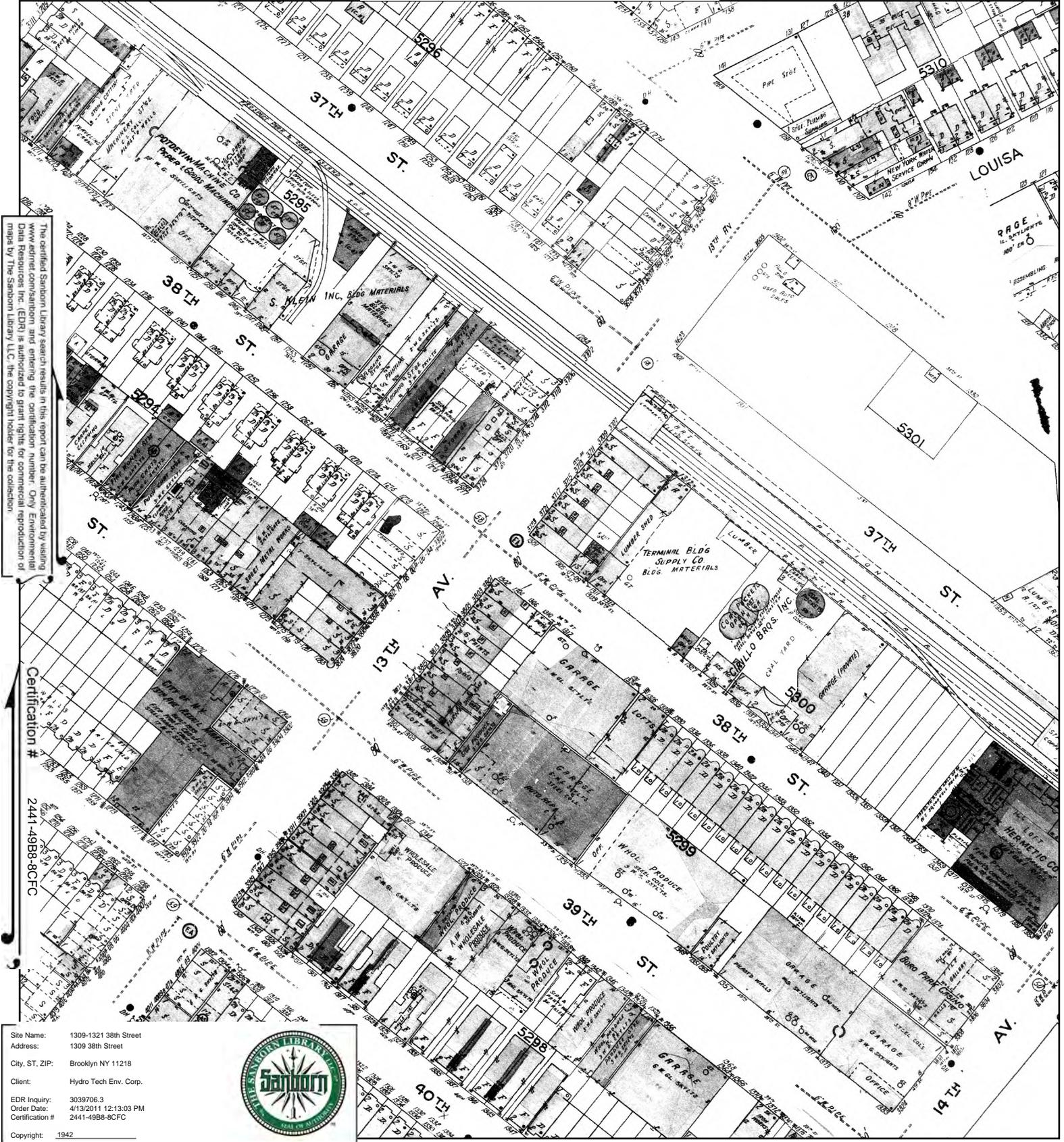
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# 1942 Certified Sanborn Map



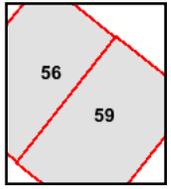
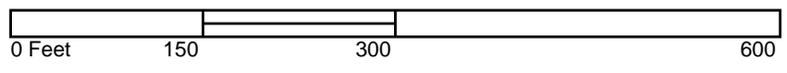
The certified Sanborn Library search results in this report can be authenticated by visiting [www.edrnet.com/sanborn](http://www.edrnet.com/sanborn) and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification # 2441-49B8-8CFC

Site Name: 1309-1321 38th Street  
 Address: 1309 38th Street  
 City, ST, ZIP: Brooklyn NY 11218  
 Client: Hydro Tech Env. Corp.  
 EDR Inquiry: 3039706.3  
 Order Date: 4/13/2011 12:13:03 PM  
 Certification # 2441-49B8-8CFC  
 Copyright: 1942



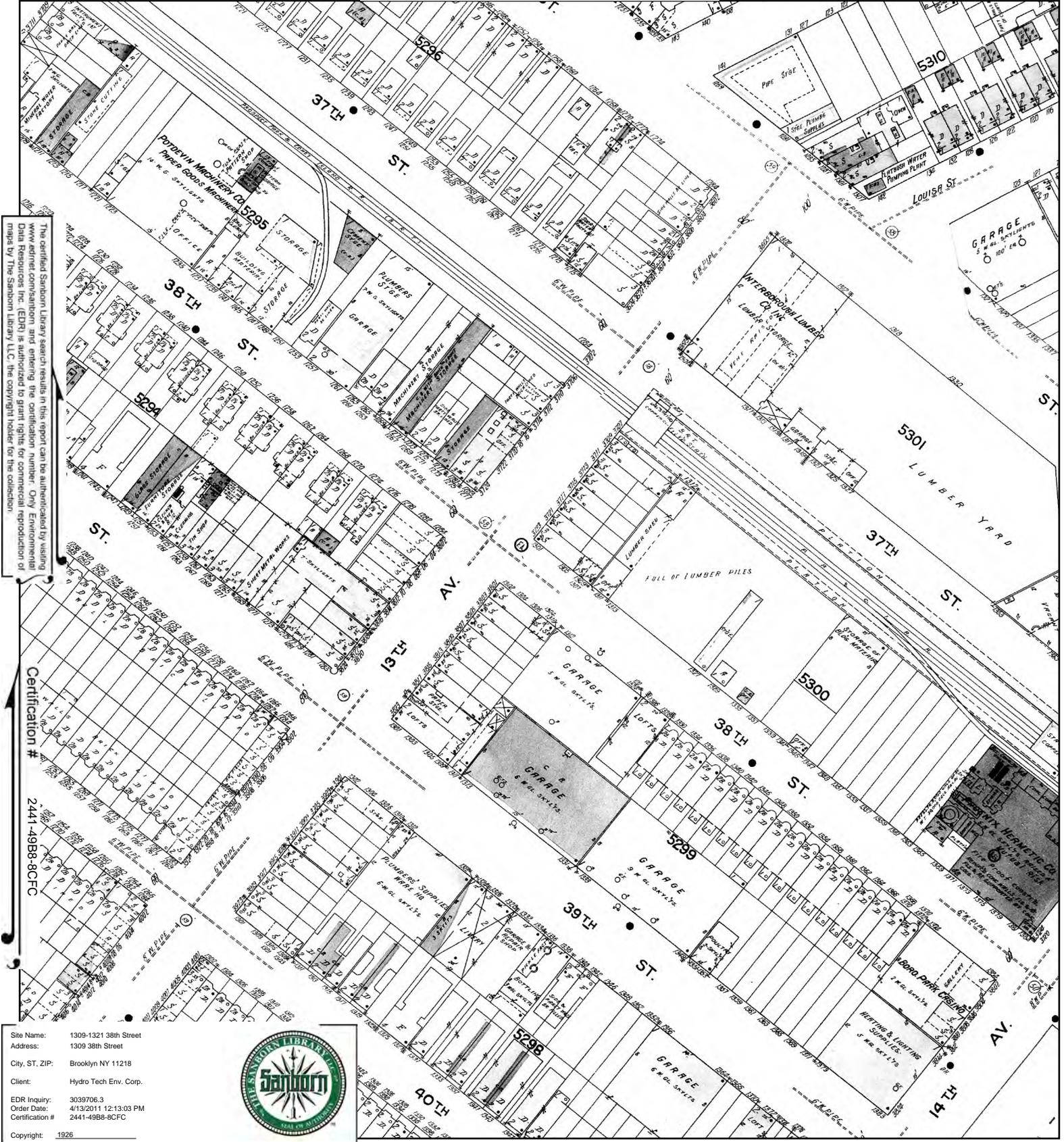
This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



Volume 6A, Sheet 56  
 Volume 6A, Sheet 59



# 1926 Certified Sanborn Map



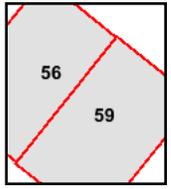
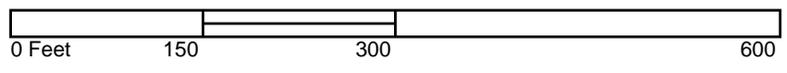
The certified Sanborn Map search results in this report can be authenticated by visiting [www.edrnet.com/sanborn](http://www.edrnet.com/sanborn) and entering the certification number. Only Environmental Data Resources, Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library, LLC, the copyright holder for the collection.

Certification # 2441-49B8-8CFC

Site Name: 1309-1321 38th Street  
 Address: 1309 38th Street  
 City, ST, ZIP: Brooklyn NY 11218  
 Client: Hydro Tech Env. Corp.  
 EDR Inquiry: 3039706.3  
 Order Date: 4/13/2011 12:13:03 PM  
 Certification # 2441-49B8-8CFC  
 Copyright: 1926



This Certified Sanborn Map combines the following sheets.  
 Outlined areas indicate map sheets within the collection.



Volume 6A, Sheet 56  
 Volume 6A, Sheet 59



# 1905 Certified Sanborn Map



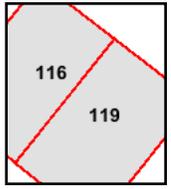
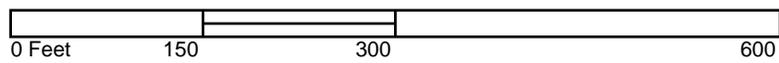
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Certification # 2441-49B8-8CFC

Site Name: 1309-1321 38th Street  
 Address: 1309 38th Street  
 City, ST, ZIP: Brooklyn NY 11218  
 Client: Hydro Tech Env. Corp.  
 EDR Inquiry: 3039706.3  
 Order Date: 4/13/2011 12:13:03 PM  
 Certification # 2441-49B8-8CFC  
 Copyright: 1905



This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



Volume 11, Sheet 116  
 Volume 11, Sheet 119



APPENDIX D  
CITY DIRECTORY SEARCH

**1309-1321 38th Street**

1309 38th Street  
Brooklyn, NY 11218

Inquiry Number: 3039706.4  
April 13, 2011

## The EDR-City Directory Abstract

## TABLE OF CONTENTS

### SECTION

Executive Summary

Findings

*Thank you for your business.*  
Please contact EDR at 1-800-352-0050  
with any questions or comments.

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## EXECUTIVE SUMMARY

### DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1928 through 2005. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 100 feet of the target property.

A summary of the information obtained is provided in the text of this report.

### RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
2005	Hill-Donnelly Corporation	X	X	X	-
2000	Cole Information Services	X	X	X	-
1997	NYNEX	X	X	X	-
1992	NYNEX Informantion Resource Co.	X	X	X	-
1985	NYNEX Information Resources Company	X	X	X	-
1980	New York Telephone	-	X	X	-
1976	New York Telephone	X	X	X	-
1973	New York Telephone	X	X	X	-
1970	New York Telephone	-	X	X	-
1965	New York Telephone	-	X	X	-
1960	New York Telephone	X	X	X	-
	New York Telephone Company	X	X	X	-
1949	New York Telephone	X	X	X	-
1945	New York Telephone	-	X	X	-
1940	New York Telephone	X	X	X	-
1934	R. L. Polk & Co.	X	X	X	-
1928	New York Telephone	-	X	X	-

## EXECUTIVE SUMMARY

### SELECTED ADDRESSES

The following addresses were selected by the client, for EDR to research. An "X" indicates where information was identified.

<b><u>Address</u></b>	<b><u>Type</u></b>	<b><u>Findings</u></b>
1311 38th Street	Client Entered	
1313 38th Street	Client Entered	
1315 38th Street	Client Entered	
1317 38th Street	Client Entered	
1319 38th Street	Client Entered	
1321 38th Street	Client Entered	X

## FINDINGS

### TARGET PROPERTY INFORMATION

#### ADDRESS

1309 38th Street  
Brooklyn, NY 11218

#### FINDINGS DETAIL

Target Property research detail.

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Nu Boro Auto Parts Inc	Hill-Donnelly Corporation
2000	BORO AUTO WRCKG	Cole Information Services
	NU BR AT PRS INC	Cole Information Services
1997	Boro Auto Wrecking Co	NYNEX
	Nu Boro Auto Parts Inc	NYNEX
1992	BORO AUTO WRECKING CO	NYNEX Informantion Resource Co.
	NU BORO AUTO PARTS INC	NYNEX Informantion Resource Co.
1985	BORO AUTO WRECKING CO	NYNEX Information Resources Company
	LEVINE ARTHUR AUTO WRKG	NYNEX Information Resources Company
	NU BORO AUTO PARTS INC	NYNEX Information Resources Company
1976	BORO AUTO WRECKING CO	New York Telephone
	LEVINE ARTHUR AUTO WRKG	New York Telephone
	NU B00 AUTO PARTS INC	New York Telephone
	NU BORO AUTO PARTS INC	New York Telephone
1973	Boro Auto Wrecking Co	New York Telephone
	Levine Arthur auto wrkg	New York Telephone
	Nu Boro Auto Parts Inc	New York Telephone
1960	BORO AUTO WRECKING CO	New York Telephone
	LEVINE ARTHUR AUTO WRKG	New York Telephone
	NU BORO AUTO PARTS INC	New York Telephone
1949	Boro Auto Wrecking Co	New York Telephone
	Levine Arthur auto wreckng	New York Telephone
	Nu Boro Auto Parts Inc	New York Telephone
1940	Terminal Bldg Supl Co	New York Telephone
1934	PESTEL ARTH TRUCK DRIVER TERMINAL LUMBER & TRIM CO INC	R. L. Polk & Co.
	RITZ RICHD FORMN TREMENTIAL LUMBER & TRIM CO INC	R. L. Polk & Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1934	TERMINAL LUMBER & TRIM CO INC JOS FINE PRES HARRY FINE V-PRES HENRY FOLK T	R. L. Polk & Co.

## FINDINGS

### ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

#### 13TH AV

##### **3809 13TH AV**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1928	AMBROGIO C MT MKT	New York Telephone

#### 13TH AVE

##### **3801 13TH AVE**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Eagles Bakery	Hill-Donnelly Corporation
2000	EAGLES BAKERY	Cole Information Services
1997	Eagle Bakery	NYNEX
1992	CARINI PASTRY SHOP	NYNEX Informantion Resource Co.
	STATBROOK CONTRACTING CO INC	NYNEX Informantion Resource Co.
1985	CARINI PASTRY SHOP	NYNEX Information Resources Company
1976	CARINI PASTRY SHOP	New York Telephone
1973	Carini Pastry Shop	New York Telephone
1970	Argento John	New York Telephone
	Carini Pastry Shop	New York Telephone
1965	Culver Pastry Shop	New York Telephone
	DAngelo & Lattuca pstry	New York Telephone
	Lattuca & DAngelo pstry	New York Telephone
1960	CULVER PASTRY SHOP	New York Telephone
	D ANGELO & LATTUCA PSTRY	New York Telephone
	LATTUCA & D AMGELO PSTRY	New York Telephone
	Culver Pastry Shop	New York Telephone Company
	DAngelo & Lattuca pstry	New York Telephone Company
	LATTUCA & DAMGELO pstry	New York Telephone Company
1949	Culver Pastry Shop	New York Telephone
	DAngelo & Lattuca pstry	New York Telephone
	Lattuca & DAngelo pstry	New York Telephone
1940	Boro Pk food Mkt	New York Telephone
	Italian & Amer Grocry Co Branch	New York Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1940	Weinsteins Itatian & Amer Grocry	New York Telephone
1934	BRUCK NETTIE GRO	R. L. Polk & Co.
1928	CULVER PHARMACY	New York Telephone
	DEUTSCH ABRAHAM DRUGS	New York Telephone

### 3802 13TH AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Crystal Shoes Corp	Hill-Donnelly Corporation
1960	WHOLESALE MDSE CORP varily stors Main Office	New York Telephone Company
	WHOLESALE MDSE CORP VARILY STORS MAIN OFFICE	New York Telephone
1949	Liebowitz Harry restrnt	New York Telephone
1940	Hermans Restrnt	New York Telephone
1934	GOLDBART RUBIN EXP AND MOVING JAHAS MAX FURN	R. L. Polk & Co. R. L. Polk & Co.
1928	SIMON GEO FURN & BEDDING	New York Telephone

### 3803 13TH AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	h Saavedra Y	Hill-Donnelly Corporation
	Vazquez Yolanda	Hill-Donnelly Corporation
	Nunez Pedro	Hill-Donnelly Corporation
2000	Y SAAVEDRA	Cole Information Services
1997	SAAVEDRA Enrique	NYNEX
1992	SAAVEDRA ENRIQUE	NYNEX Informantion Resource Co.
1985	POPALARDO JOS PAINTG	NYNEX Information Resources Company
1976	POPAlARDO JOS PAINTG	New York Telephone
1973	Rays Meat Mkt	New York Telephone
1970	Ambrogios Meat Mkt	New York Telephone
	Randazzo Vito	New York Telephone
1965	Ambrogios Meat Mkt	New York Telephone
	Randazzo Vito	New York Telephone
1960	AMBROGIO S MEAT MKT	New York Telephone
	SPADARO VINCENZO	New York Telephone
	Ambrogios Meat Mkt	New York Telephone Company
	Spadaro Vincenzo	New York Telephone Company
1949	Ambrogio C meat mkt	New York Telephone
	Coronato Anthony	New York Telephone
1945	Ambrogio C meat mkt	New York Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	Lo Biondo P grocrs	New York Telephone
1940	Ambrogio C meat mkt	New York Telephone
	Lo Biondo P grocrs	New York Telephone
1934	HARRISON BARNETT R	R. L. Polk & Co.
	HARRISON EVA BKPR PROSPECT DYE WORKS INC R	R. L. Polk & Co.
	HARRISON HARRY DRIVER R	R. L. Polk & Co.
	HARRISON ISAAC TAILOR H	R. L. Polk & Co.
1928	VELARDI ANTHONY J EMBDRY WKS	New York Telephone

### 3804 13TH AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	BENNYS LADIES WEAR	Cole Information Services
1992	BENNYS LADIES WEAR	NYNEX Informantion Resource Co.
1985	BENNY S LADIES WEAR	NYNEX Information Resources Company
1976	S & W BOUTIQUE	New York Telephone
1973	Gary & Sams Variety Center Inc	New York Telephone
1965	Johns Bargain Store	New York Telephone
1945	Fanro Cafeteria Inc	New York Telephone
1934	HERMAN S CAFETERIA	R. L. Polk & Co.
1928	GILBERT S RESTRNT INC	New York Telephone

### 3805 13TH AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Kimberlys Kookies	Hill-Donnelly Corporation
1997	LADO Jose	NYNEX
1992	LADO JOSE	NYNEX Informantion Resource Co.
1980	REBOLLER MIGUEL	New York Telephone
1973	Barbato Kathleen	New York Telephone
1965	Lowaszewski Reuben	New York Telephone
1960	SILVER FRANK	New York Telephone
	Silver Frank	New York Telephone Company
1949	Silver Frank	New York Telephone
1945	Silver Frank	New York Telephone
1940	Gershennoff Lee	New York Telephone
1934	GERSHENOFF LENA MANICURIST R	R. L. Polk & Co.
	KLOPMAN KATE MRS EMBDRY	R. L. Polk & Co.
	KLOPMAN PHILIP FURRIER H	R. L. Polk & Co.

## FINDINGS

### 3806 13TH AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Kamal Contracting Co Inc	Hill-Donnelly Corporation
1985	TUCKER DECRATRS	NYNEX Information Resources Company
	TUCKER DRAPERIES	NYNEX Information Resources Company
1976	TUCKER DECRATRS	New York Telephone
	TUCKER DRAPERIES	New York Telephone
1970	Tucker Draperies	New York Telephone
1965	Tucker Decratrs	New York Telephone
	Tucker Draperies	New York Telephone
1960	TUCKER DECORATORS	New York Telephone
	TUCKER DRAPERY CO	New York Telephone
	Tucker Decorators	New York Telephone Company
	Tucker Drapery Co	New York Telephone Company
1934	GOLDBERG HARRY MILK DLR	R. L. Polk & Co.
	LANG ANNA MRS CONFR H DO	R. L. Polk & Co.
1928	LANG A MRS STATNY	New York Telephone

### 3807 13TH AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Scottos Bakery & Pastry Inc	Hill-Donnelly Corporation
	h Tacuri Jose	Hill-Donnelly Corporation
2000	MIGUEL PALOMEQUE	Cole Information Services
	JOSE TACURY	Cole Information Services
	SCOTTOS PSTRY INC	Cole Information Services
1997	BOLTON Tricia	NYNEX
	GARAY Sulema	NYNEX
1992	SCOTTO S BAKERY & PASTRY INC	NYNEX Informantion Resource Co.
	SCOTTO S BAKERY & PASTRY INC	NYNEX Informantion Resource Co.
1985	HANAK FRANK	NYNEX Information Resources Company
	KEOHANE MARGARET	NYNEX Information Resources Company
	SCOTTO S BAKERY	NYNEX Information Resources Company
	SCOTTO S BAKERY	NYNEX Information Resources Company
1976	LAURO LAURA	New York Telephone
	SCOTTO S BAKERY	New York Telephone
	SCOTTO S BAKERY	New York Telephone
1973	Felice J A Jr	New York Telephone
	Scottos Bakery	New York Telephone
	Scottos Bakery	New York Telephone
1970	Scottos Bakery	New York Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1965	Castelli Jos bkry	New York Telephone
	Guttuso Jack	New York Telephone
	Joes Bakery	New York Telephone
1960	CASTELLI JOS BKRY	New York Telephone
	CASTELLI JOS A	New York Telephone
	JOE S BAKERY	New York Telephone
	Castelli Jos bkry	New York Telephone Company
	Castelli Jos A	New York Telephone Company
	Joes Bakery	New York Telephone Company
1949	Castelli Jos bkry	New York Telephone
1940	Fishman B paintrs supls	New York Telephone
	Gray Owm Paint & Varnish Co	New York Telephone
1934	LENTINI JOS SHOE SHINER R	R. L. Polk & Co.
	LENTINI MARY GARMT WKR R	R. L. Polk & Co.
	LENTINI PETER LAB H	R. L. Polk & Co.
	SAML LAB H	R. L. Polk & Co.

### 3808 13TH AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Wing Shing Restaurant I	Hill-Donnelly Corporation
2000	WING SHING RESTRNT	Cole Information Services
1997	Wing Shing Restrnt	NYNEX
1992	WING SHING RESTRNT	NYNEX Informantion Resource Co.
1985	WING HING RESTMT	NYNEX Information Resources Company
1976	PIZZA STAR	New York Telephone
1973	Fretta Pork Store	New York Telephone
1970	Fretta Pork Store	New York Telephone
1965	Fretta Pork Store	New York Telephone
1960	FRETTA PORK STORE	New York Telephone
	Fretta Pork Store	New York Telephone Company
1949	Center Meat Mkt	New York Telephone
1940	Rumac Restmt	New York Telephone
1934	BORO PARK FLOOR COVERINE	R. L. Polk & Co.

### 3809 13TH AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	3 13 IV LLC	Hill-Donnelly Corporation
2000	JOY INTERIORS	Cole Information Services
1997	S Tech C	NYNEX

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	SNYDERS DISCOUNT CITY	NYNEX Informantion Resource Co.
	SNYDER CITY	NYNEX Informantion Resource Co.
1985	SNYDER S DISCOUNT CITY	NYNEX Information Resources Company
	SNYDER CITY	NYNEX Information Resources Company
1976	SNYDER S DISCOUNT CITY	New York Telephone
	SNYDER CITY	New York Telephone
1973	Snyders Discount City	New York Telephone
	Snyder City	New York Telephone
1970	Snyder City	New York Telephone
	Snyders Discount City	New York Telephone
1965	Adler Saml paint wipapr	New York Telephone
	Alma Barr Bore Park Inc Paints	New York Telephone
	Alma Barr Internatl Co Inc	New York Telephone
	Alma Barr Internatl Co Inc paint wlpapr	New York Telephone
	Bargin City	New York Telephone
	Crazy Sam b	New York Telephone
	Paint City	New York Telephone
	Zucker Jessica L R atty	New York Telephone
1960	LINCOLN PAINT CORP	New York Telephone
	Lincoln Paint Corp	New York Telephone Company
1949	Alma Barr walpapr whol	New York Telephone
	BARR ALMA walpapr whol	New York Telephone
	Father & Sons Painting & Decoratg Co	New York Telephone
	Lincoln Paint Corp	New York Telephone
	Melnik Eli	New York Telephone
	Richard Painting & Decortg Co	New York Telephone
	ADLER H & SON paint & walpapr	New York Telephone
1945	Adler H & Son	New York Telephone
	Paint dept	New York Telephone
	Father & Sons Painting & Decoratg Co	New York Telephone
	Lang Anne	New York Telephone
	Lincoln Paint Corp	New York Telephone
1940	Conti Rosarlo cheese	New York Telephone
1934	QUARTARO EDW H	R. L. Polk & Co.
	QUARTARAPO EDW H	R. L. Polk & Co.
	AMBROGIO & PERRICONE MCARS	R. L. Polk & Co.
	LOBIONDO PETER PROD	R. L. Polk & Co.

## FINDINGS

### 3810 13TH AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1973	Team Shoes Inc	New York Telephone
1970	Daves Netion & Trimming Center	New York Telephone
1965	Bernofsky David b	New York Telephone
	Daves Notion & Trimming Centr	New York Telephone
1960	DAVE S NOTION & TRIMMING CENT	New York Telephone
	BERNOFSKY DAVID B	New York Telephone
	Daves Notion & Trimming Cent	New York Telephone Company
	Bernofsky David b	New York Telephone Company
1949	Carulli & Sons Whol retl fruits	New York Telephone
1940	Lakeside Farms	New York Telephone
1934	THUR BROS FRUIT	R. L. Polk & Co.

### 3811 13TH AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Anm Funding I	Hill-Donnelly Corporation
1945	Wallpaper dept	New York Telephone
	Adler H & Son	New York Telephone

### 3812 13TH AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1997	Sams Supermarket	NYNEX
1992	SAM S SUPERMARKET	NYNEX Informantion Resource Co.
1985	SAM S FOOD CENTER	NYNEX Information Resources Company
1976	STAMLER SUPER MKT	New York Telephone
1973	Stamlers Super Mkt	New York Telephone
1970	Stamlers Super Mkt	New York Telephone
1965	Stamlers Super Mkt	New York Telephone
1960	STAMLER SUPER MKT	New York Telephone
	STAMLERS SUPER MKT	New York Telephone
	Stamler Super Mkt	New York Telephone Company
	Stamlers Super Mkt	New York Telephone Company
1949	Packer & Stamler grocrs	New York Telephone
1934	DONZELLA JAS MEATS	R. L. Polk & Co.

### 3813 13TH AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	Hdwr & sportng gds dept	New York Telephone
	Adler H & Son	New York Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	Melnik Bertha	New York Telephone
	Melnik Eli	New York Telephone
1940	Adler Saml Iwyr	New York Telephone
	Adler Wallpaper Showroom	New York Telephone
	Lincoln Paint Corp walpapr & paints	New York Telephone
	Melnik Eli	New York Telephone
1934	DEPAOLO JERRY TRUCK DRIVER MRS BECKY FISHMAN	R. L. Polk & Co.
	FISHMAN REBECCA MRS PAINTS H DO	R. L. Polk & Co.
	SILKOWITZ SAML R	R. L. Polk & Co.
	SILKOWITZ JOS PDLR H	R. L. Polk & Co.
1928	FISHMAN A PNTRS SUPLS	New York Telephone
	LEVINE & SON MVNG VNS	New York Telephone

### 3814 13TH AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Quick Aid Pharmacy	Hill-Donnelly Corporation
2000	ESNBRGR J SLPCVRS	Cole Information Services
	MUNKACZER TLS MFG	Cole Information Services
1997	Munkaczer Talis Mfg	NYNEX
1992	EISENBERGER J SLPCVRS	NYNEX Informantion Resource Co.
	MUNKACZER TALIS MFG	NYNEX Informantion Resource Co.
1985	SNYDER S RUG SHOPS INC	NYNEX Information Resources Company
1976	SNYDER S RUG SHOPS INC	New York Telephone
1973	Snyders Rug Shops Inc	New York Telephone
1970	Snyders Rug Shops Inc	New York Telephone
1965	Snyders Rug Shops Inc	New York Telephone
1960	SNYDER S RUG SHOPS INC	New York Telephone
	Snyders Rug Shops Inc	New York Telephone Company
1949	Office & salesroom	New York Telephone
	AMERLING CHEVROLET INC	New York Telephone
1945	Fishelman Bros furn	New York Telephone
1940	Fishelman Bros turn	New York Telephone
1934	FISHELMAN BROS FURN	R. L. Polk & Co.
	LEVY ABR JWLR H	R. L. Polk & Co.
	SALTZMAN MURRAY SLSMN FISKELMAN BROS	R. L. Polk & Co.
1928	BERNSTEIN SIMON & SON	New York Telephone
	NACHES SAML S R	New York Telephone

## FINDINGS

### 3815 13TH AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1960	ALMA BARR WALLPAPER MFG CORP SALES OFC	New York Telephone
	ALMA BARR WALLPAPER MFG CORP sales ofc	New York Telephone Company
1949	Mac Tiernan Neil	New York Telephone
	Parmet & Nathanson Inc furn	New York Telephone
1945	Furniture dept	New York Telephone
	Adler H & Son	New York Telephone
1940	Adler H furn	New York Telephone
1934	ADLER HARRY FURN H DO	R. L. Polk & Co.
	BULZONE MARY R	R. L. Polk & Co.
1928	ADLER H FURN	New York Telephone

### 3816 13TH AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Katri Chamoun	Hill-Donnelly Corporation
2000	ERIC CORTES	Cole Information Services
1992	SIEGEL RENCE	NYNEX Informantion Resource Co.
1976	SUDMAN ANNA MRS	New York Telephone
1973	Napoli Placido	New York Telephone
	Sudman Anna Mrs	New York Telephone
1970	Napoli Placido	New York Telephone
	Sudman Anna Mrs	New York Telephone
1965	Napoli Placido	New York Telephone
	Sudman Anna Mrs	New York Telephone
1960	NAPOLI PLACIDO	New York Telephone
	SUDMAN ANNA MRS	New York Telephone
	Napoli Placido	New York Telephone Company
	Sudman Anna Mrs	New York Telephone Company
1949	Goldenberg Jacob	New York Telephone
	Napoli Placido	New York Telephone
	Sudman Isidore	New York Telephone

### 3817 13TH AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Regal Hat Store	Hill-Donnelly Corporation
	h Rojano Paul 0oo	Hill-Donnelly Corporation
	Romero Pablo	Hill-Donnelly Corporation
2000	ARELY BUENO	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	RAUL ROLANO	Cole Information Services
	SAN JUANITO GROC	Cole Information Services
1997	Capitol Meat Mkt Inc	NYNEX
	J Capitol Mkts Inc	NYNEX
1992	CAPITOL MEAT MKT INC	NYNEX Informantion Resource Co.
	J CAPITOL MKTS INC-	NYNEX Informantion Resource Co.
1985	CAPITOL MEAT MTT INC	NYNEX Information Resources Company
	J CAPITOL MKTS INC	NYNEX Information Resources Company
	MORELLO B	NYNEX Information Resources Company
1980	J CAPITAL MKTS INC	New York Telephone
1976	CAPITOL MEAT MKT INC	New York Telephone
	J CAPITOL MKTS INC	New York Telephone
1973	Johns Capitol Mkts Inc	New York Telephone
	J CAPITOL MKTS INC	New York Telephone
1970	Capitol Meat Mkt Inc	New York Telephone
	J CAPITOL MKTS INC	New York Telephone
	Johns Capitol Mkts Inc	New York Telephone
1965	Capitol Meat Mkt Inc	New York Telephone
	J CAPITOL MKTS INC	New York Telephone
	Johns Capitol Mkts Inc	New York Telephone
	Romeo Dominick R	New York Telephone
1960	BORDIERI JOS SR	New York Telephone
	CAPITOL MEAT MKT INC	New York Telephone
	J CAPITAL MKTS INC	New York Telephone
	JOHN S CAPITOL MKTS INC	New York Telephone
	ROMEO DOMINICK A	New York Telephone
	Bordieri Jos Sr	New York Telephone Company
	CAPITOL MEAT MKT INC	New York Telephone Company
	J CAPITAL MKTS INC	New York Telephone Company
	Johns Capitol Mkts Inc	New York Telephone Company
	Romeo Dominick A	New York Telephone Company
1949	Caruso Margaret T	New York Telephone
	Johns Capitol Mkts Inc	New York Telephone
1945	Caruso Larry	New York Telephone
	Johns Capitol Meat Mkt	New York Telephone
1940	Caruso Larry	New York Telephone
	Johns Capitol Meat Mkt	New York Telephone
1934	BORO FLORIST	R. L. Polk & Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1934	CRESCLONE JOHN FLORIST	R. L. Polk & Co.
	PROSPECT RADIO & ELECTRIC CO	R. L. Polk & Co.
1928	PROSPECT LIGHTING FIXTR CO	New York Telephone

### 3818 13TH AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	h Bashar Abul	Hill-Donnelly Corporation
	N Y General Contracting Corp	Hill-Donnelly Corporation
	Rose Mini Mart Inc 1 R	Hill-Donnelly Corporation
2000	BORO PARK GROCERY	Cole Information Services
1997	R D Candy Grocery	NYNEX
	R D Grocery Candy & Newsstand	NYNEX
	COLANGELO Josphe A	NYNEX
	SIEGEL Renee	NYNEX
1992	COLANGELO JOSEPH A	NYNEX Informantion Resource Co.
	SINDAURO TRADING CORP	NYNEX Informantion Resource Co.
1985	COLANGELO JOS	NYNEX Information Resources Company
1976	COLANGELO JOS	New York Telephone
	VINNY & ROGERS MEAT MKT	New York Telephone
1973	Vinny & Rogers Meat Mkt	New York Telephone
1970	Donato Chas V	New York Telephone
	Donato Richard C	New York Telephone
	Vinny & Rogers Meat Mkt	New York Telephone
1965	Donato Chas V	New York Telephone
	Vinny & Rosgers Meat Mkt	New York Telephone
1960	DONATO CHAS V	New York Telephone
	MORREALE JOS	New York Telephone
	VINNY & ROGERS MEAT MKT	New York Telephone
	Donato Chas V	New York Telephone Company
	Morreale Jos	New York Telephone Company
	Vinny & Rogers Meat Mkt	New York Telephone Company
1949	Morreale Jos	New York Telephone
	Romeo Dominick A	New York Telephone
1934	BERMAN ABR GARMENWKR R	R. L. Polk & Co.
	BUONARI ANTHONY FCTYWKR H	R. L. Polk & Co.
	D ANGELO JOSEPHINE R	R. L. Polk & Co.
	D ANGELO KATH FCTY WKR R	R. L. Polk & Co.
	D ANGELO NICHOLAS LAB H	R. L. Polk & Co.
	JACOBS MAX SLSMN H	R. L. Polk & Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1934	JACOBS MAX SLSMN H	R. L. Polk & Co.
	SOLDINO ARIS TAILOR H	R. L. Polk & Co.

### 3820 13TH AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Health Way	Hill-Donnelly Corporation
	Munlz Simon	Hill-Donnelly Corporation
	Rahman Ejajur	Hill-Donnelly Corporation
2000	HEALTH WAY	Cole Information Services
1997	Health Way	NYNEX
1992	HEALTH WAY	NYNEX Informantion Resource Co.
1985	HEALTH WAY	NYNEX Information Resources Company
1976	GANGURSKY MARTIN	New York Telephone
	GANGURSKY NATHAN	New York Telephone
	TRACHS THIRTEENTH AV RESTRNT INC	New York Telephone
1973	Trachs Thirteenth Av Restrnt Inc	New York Telephone
1970	Trachs Thirteenth Av Restrnt Inc	New York Telephone
	Kalansky Rubin	New York Telephone
1965	Kalansky Rubin	New York Telephone
	Trachs Thirteenth Av Restrnt Inc	New York Telephone
1960	PARNES MAX	New York Telephone
	TRACH S THIRTEENTH AV RESTRNT INC	New York Telephone
	Parnes Max	New York Telephone Company
	Trachs Thirteenth Av Restrnt Inc	New York Telephone Company
1949	Fine Rubin	New York Telephone
	Home Bar & Grill Inc	New York Telephone
	Press Martin	New York Telephone
1945	Home Bar & Grill	New York Telephone
1940	Home Bar & Grill	New York Telephone
1934	KLEIN MAX SEC-TREAS MIRACLE FAMILY LAUNDRY SERVICE INC R	R. L. Polk & Co.
	SCHWARTZ IDA SLSWN R	R. L. Polk & Co.
	SCHWARTZ RACHEL H	R. L. Polk & Co.
	SCHWARTZ SYVIA R	R. L. Polk & Co.
1928	LAMBERT BORA R	New York Telephone
	SCHWARTZ LOUIS SHOES	New York Telephone

## FINDINGS

### 3823 13TH AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Big Apple Family Ctr	Hill-Donnelly Corporation
	Mikes Dinette & Kitchen Sets	Hill-Donnelly Corporation
2000	MAZEL SKULL CAPS	Cole Information Services
	MIKES DNTT & KTCHN	Cole Information Services
	MARCH TL SUPL INC	Cole Information Services
1997	March Tool Supply Inc	NYNEX
	Mikes Dinette And Kitchen Sets Co	NYNEX
	Mikes Dinette And Kitchen Sets Co	NYNEX
1992	MAZEL SKULL CAPS	NYNEX Informantion Resource Co.
	MIKE S DINETTE AND KITCHEN SETS CO	NYNEX Informantion Resource Co.
1985	MAZEL SKULL CAPS	NYNEX Information Resources Company
	MIKE S DINETTE AND KITCHEN SETS CO	NYNEX Information Resources Company
1980	MIKE S DINETTE AND KITCHEN SETS CO	New York Telephone
1976	GLW FURNITURE CORP	New York Telephone
	MIKE S DINETTE AND KITCHEN SETS CO	New York Telephone
1973	The Craftsman	New York Telephone
1970	Brookstein A pltry	New York Telephone
	Church Av Pltry Co	New York Telephone
	The Craftsman	New York Telephone
1965	Brookstein A Pitry	New York Telephone
	Church Av Pltry Co	New York Telephone
	The Craftsman	New York Telephone
1960	BROOKSTEIN A PLTRY	New York Telephone
	CHURCH AV PITRY CO	New York Telephone
	CORTELYOU FURN CO	New York Telephone
	Brookstein A pltry	New York Telephone Company
	Church Av Pitry Co	New York Telephone Company
	Cortelyou Furn Co	New York Telephone Company
1949	Brookstein A pltry	New York Telephone
	Church Av Pltry Co	New York Telephone
	Cortelyou Furn Co	New York Telephone
1945	Brookstein A Pltry	New York Telephone
	Cortelyou Furn Shops	New York Telephone
1940	Block Nat A furn	New York Telephone
	Brookstein A pltry	New York Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1940	Church Av Pltry Co	New York Telephone
	Cortelyou Furn Shops	New York Telephone
1934	CHURCH AVENUE POULTRY CO	R. L. Polk & Co.
	HORTENSE HAT CO (HERMAN LOBENO	R. L. Polk & Co.
1928	CADARO I IDS TLR	New York Telephone
	CHURCH AV PLTRY CO	New York Telephone

### 3828 13TH AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	Church Av Pltry Co	New York Telephone

### 38TH

#### 1304 38TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	LAL-LIMOUSINE CORP	NYNEX Informantion Resource Co.
1980	BUTTACAVOLE ROSE MRS	New York Telephone
	NU BORO AUTO PARTS INC	New York Telephone
1976	SANTORE PATRICK	New York Telephone
	TOWNSLEY A	New York Telephone
1960	MINIERI CARL	New York Telephone
	STRIANO JOS	New York Telephone
1934	SIGGIA ANGELINA DRSMKR H	R. L. Polk & Co.
	SIGGIA GEATANO R	R. L. Polk & Co.
	SIGGIA GEO PRINTER R	R. L. Polk & Co.
	SIGGIA JOSEPHINE H	R. L. Polk & Co.
	SIGGIA ROZARIO R	R. L. Polk & Co.
	KROWN BENJ PHARM R	R. L. Polk & Co.
	ROSENBLUM HARRY PDLR H	R. L. Polk & Co.
	SALEMI JENNIE MRS R	R. L. Polk & Co.
1928	HARTLEY A R	New York Telephone

#### 1305 38TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	CANTOR LIONEL	NYNEX Informantion Resource Co.
	RAMOS DAVID	NYNEX Informantion Resource Co.
	SATTERWHITE JEANNE	NYNEX Informantion Resource Co.
	SOSA JAVIER	NYNEX Informantion Resource Co.
	TORRES JOSE	NYNEX Informantion Resource Co.
1985	CANTOR LIONEL	NYNEX Information Resources Company

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1985	RAHAMAN MOFIZUR	NYNEX Information Resources Company
	SOSA JAVIER	NYNEX Information Resources Company
1976	ADLER JUHUEA	New York Telephone
	BANGO ZOLTAN	New York Telephone
	MESZAROS JOSEPH	New York Telephone
	PERLSTEIN GEORGE B	New York Telephone
	SUPREME FORK-LIFT REPR	New York Telephone
1960	BERNSTEIN LOUIS	New York Telephone
	MOTYKA PETER	New York Telephone
	SZAJER ABRAM	New York Telephone
1928	BERNSTEIN LOUIS DR DNTST	New York Telephone
	STAR DENTAL PARLORS	New York Telephone

### 1306 38TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1934	DAVIS LEONARD J CO INC LEONARD J DAVID PRES PROD	R. L. Polk & Co.
	DAVIS LEONARD J PRES LEONARD J DAVIS CO INC	R. L. Polk & Co.
	DAVIS J LEONARD CO INC WHOL FRUITS	R. L. Polk & Co.

### 1307 38TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1934	DIMAIUTA BENJ BARBER	R. L. Polk & Co.

### 1310 38TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1985	T & I PLUMBING & HEATING CORP	NYNEX Information Resources Company

### 1312 38TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1960	SILKS GARAGE	New York Telephone
1934	NEW THIRTY-EIGHTH STREET GARAGE	R. L. Polk & Co.
	KOCH DANL D HLPR NEW	R. L. Polk & Co.
1928	WOLDMAN H GARAGE	New York Telephone

## FINDINGS

### **38TH ST**

#### **1304 38TH ST**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
2005	h Alvarez Sergio	Hill-Donnelly Corporation
	h Huesca Jovan	Hill-Donnelly Corporation
	Tenempaguay Patrido 4v	Hill-Donnelly Corporation
2000	CARLOS ALVAREZ	Cole Information Services
	SERGIO ALVAREZ	Cole Information Services
	H RAMOS	Cole Information Services
1997	Glass David MD	NYNEX
	Lal Limousine Corp	NYNEX
1973	Santore Patrick	New York Telephone
1949	Striano Jos	New York Telephone
1940	Kelman Anna	New York Telephone

#### **1305 38TH ST**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
2005	h Ramirez Angela	Hill-Donnelly Corporation
	h Sosa Javier	Hill-Donnelly Corporation
	h Ramos David	Hill-Donnelly Corporation
2000	APARTMENTS	Cole Information Services
	ANGELA RAMIREZ	Cole Information Services
	DAVID RAMOS	Cole Information Services
	3 JEANNE SATTERWHITE	Cole Information Services
	JAVIER SOSA	Cole Information Services
1997	RAMOS David	NYNEX
	SATTERWHITE Jeanne	NYNEX
	SOSA Javier	NYNEX
1973	Bernstein Rose Mrs	New York Telephone
	Savicki Joe	New York Telephone
1949	Bernstein Louis DDS ofc	New York Telephone
1945	Kurtz Bessie Mrs	New York Telephone

#### **1307 38TH ST**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
1973	Deutsch Gary mech repr shop	New York Telephone
1949	Boro Pk Umbrella Co	New York Telephone
1940	Penesylvania Coal Co	New York Telephone

## FINDINGS

### 1312 38TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1949	Silk Sam	New York Telephone
	Silks Garage	New York Telephone
1945	Modern Glass Processing Corp	New York Telephone
1940	Silkowitz S garage	New York Telephone
	Sams Auto Reprs	New York Telephone
	New Thirty Eighth St Garage	New York Telephone
	New Thirty Eighth St Garage	New York Telephone
	Thirty Eighth St Garage	New York Telephone

### 1321 38TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1940	Keck Bros Coal & Fuel Oil Corp	New York Telephone

### 38th Street

#### 1321 38th Street

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1940	Keck Bros Coal & Fuel Oil Corp	New York Telephone

### E 38TH ST

#### 1316 E 38TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1973	Hawkins Philip	New York Telephone

## FINDINGS

### TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

#### Address Researched

1309 38th Street

#### Address Not Identified in Research Source

1980, 1970, 1965, 1945, 1928

### ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

#### Address Researched

1304 38TH

1304 38TH ST

1305 38TH

1305 38TH ST

1306 38TH

1307 38TH

1307 38TH ST

1310 38TH

1311 38th Street

1312 38TH

1312 38TH ST

1313 38th Street

1315 38th Street

1316 E 38TH ST

1317 38th Street

1319 38th Street

1321 38TH ST

1321 38th Street

3801 13TH AVE

#### Address Not Identified in Research Source

2005, 2000, 1997, 1985, 1973, 1970, 1965, 1949, 1945, 1940

1992, 1985, 1980, 1976, 1970, 1965, 1960, 1945, 1934, 1928

2005, 2000, 1997, 1980, 1973, 1970, 1965, 1949, 1945, 1940, 1934

1992, 1985, 1980, 1976, 1970, 1965, 1960, 1940, 1934, 1928

2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928

2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928

2005, 2000, 1997, 1992, 1985, 1980, 1976, 1970, 1965, 1960, 1945, 1934, 1928

2005, 2000, 1997, 1992, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1949, 1945, 1940

2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1934, 1928

2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

2005, 2000, 1997, 1992, 1985, 1980, 1976, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1934, 1928

2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1934, 1928

1980, 1945

## FINDINGS

### Address Researched

3802 13TH AVE

3803 13TH AVE

3804 13TH AVE

3805 13TH AVE

3806 13TH AVE

3807 13TH AVE

3808 13TH AVE

3809 13TH AV

3809 13TH AVE

3810 13TH AVE

3811 13TH AVE

3812 13TH AVE

3813 13TH AVE

3814 13TH AVE

3815 13TH AVE

3816 13TH AVE

3817 13TH AVE

3818 13TH AVE

3820 13TH AVE

3823 13TH AVE

3828 13TH AVE

### Address Not Identified in Research Source

2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1945

1980

2005, 1997, 1980, 1970, 1960, 1949, 1940

2000, 1985, 1976, 1970, 1928

2000, 1997, 1992, 1980, 1973, 1949, 1945, 1940

1980, 1945, 1928

1980, 1945, 1928

2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934

1980, 1928

2005, 2000, 1997, 1992, 1985, 1980, 1976, 1945, 1928

2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1940, 1934, 1928

2005, 2000, 1980, 1945, 1940, 1928

2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949

1980

2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965

1997, 1985, 1980, 1945, 1940, 1934, 1928

No Years Found

1980, 1945, 1940, 1928

1980

No Years Found

2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1940, 1934, 1928

APPENDIX E  
DATABASE SEARCH RESULTS

**1309-1321 38th Street**

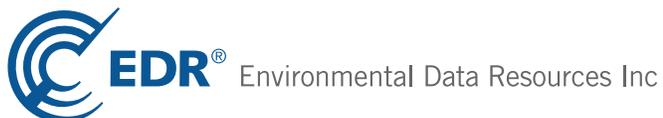
1309 38th Street

Brooklyn, NY 11218

Inquiry Number: 3039706.2s

April 12, 2011

## The EDR Radius Map™ Report with GeoCheck®



440 Wheelers Farms Road  
Milford, CT 06461  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary .....	ES1
Overview Map .....	2
Detail Map .....	3
Map Findings Summary .....	4
Map Findings .....	7
Orphan Summary .....	495
Government Records Searched/Data Currency Tracking .....	GR-1
 <b><u>GEOCHECK ADDENDUM</u></b>	
Physical Setting Source Addendum .....	A-1
Physical Setting Source Summary .....	A-2
Physical Setting Source Map .....	A-7
Physical Setting Source Map Findings .....	A-8
Physical Setting Source Records Searched .....	A-24

*Thank you for your business.*  
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with any questions or comments.

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## EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

### TARGET PROPERTY INFORMATION

#### ADDRESS

1309 38TH STREET  
BROOKLYN, NY 11218

#### COORDINATES

Latitude (North): 40.641100 - 40° 38' 28.0"  
Longitude (West): 73.985500 - 73° 59' 7.8"  
Universal Transverse Mercator: Zone 18  
UTM X (Meters): 585785.1  
UTM Y (Meters): 4499200.5  
Elevation: 58 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 40073-F8 BROOKLYN, NY  
Most Recent Revision: 1995  
  
West Map: 40074-F1 JERSEY CITY, NJ  
Most Recent Revision: 1981

### AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 2006, 2008  
Source: USDA

### TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 7 of the attached EDR Radius Map report:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
LOT 70,TAXBLOCK 5300 1319 38 STREET BROOKLYN, NY 11218	E DESIGNATION	N/A
LOT 8,TAXBLOCK 5300 1309 38 STREET BROOKLYN, NY 11218	SWF/LF E DESIGNATION	N/A

## EXECUTIVE SUMMARY

### DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

### STANDARD ENVIRONMENTAL RECORDS

#### ***Federal NPL site list***

NPL..... National Priority List  
Proposed NPL..... Proposed National Priority List Sites  
NPL LIENS..... Federal Superfund Liens

#### ***Federal Delisted NPL site list***

Delisted NPL..... National Priority List Deletions

#### ***Federal CERCLIS list***

CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System  
FEDERAL FACILITY..... Federal Facility Site Information listing

#### ***Federal RCRA CORRACTS facilities list***

CORRACTS..... Corrective Action Report

#### ***Federal RCRA non-CORRACTS TSD facilities list***

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

#### ***Federal institutional controls / engineering controls registries***

US ENG CONTROLS..... Engineering Controls Sites List  
US INST CONTROL..... Sites with Institutional Controls

#### ***Federal ERNS list***

ERNS..... Emergency Response Notification System

#### ***State- and tribal - equivalent CERCLIS***

SHWS..... Inactive Hazardous Waste Disposal Sites in New York State  
VAPOR REOPENED..... Vapor Intrusion Legacy Site List

#### ***State and tribal leaking storage tank lists***

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

#### ***State and tribal registered storage tank lists***

CBS UST..... Chemical Bulk Storage Database  
MOSF UST..... Major Oil Storage Facilities Database

## EXECUTIVE SUMMARY

CBS AST.....	Chemical Bulk Storage Database
MOSF AST.....	Major Oil Storage Facilities Database
CBS.....	Chemical Bulk Storage Site Listing
MOSF.....	Major Oil Storage Facility Site Listing
INDIAN UST.....	Underground Storage Tanks on Indian Land
FEMA UST.....	Underground Storage Tank Listing

### ***State and tribal institutional control / engineering control registries***

ENG CONTROLS.....	Registry of Engineering Controls
INST CONTROL.....	Registry of Institutional Controls
RES DECL.....	Restrictive Declarations Listing

### ***State and tribal voluntary cleanup sites***

INDIAN VCP.....	Voluntary Cleanup Priority Listing
VCP.....	Voluntary Cleanup Agreements

### ***State and tribal Brownfields sites***

ERP.....	Environmental Restoration Program Listing
BROWNFIELDS.....	Brownfields Site List

### **ADDITIONAL ENVIRONMENTAL RECORDS**

#### ***Local Brownfield lists***

US BROWNFIELDS.....	A Listing of Brownfields Sites
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#### ***Local Lists of Landfill / Solid Waste Disposal Sites***

DEBRIS REGION 9.....	Torres Martinez Reservation Illegal Dump Site Locations
ODI.....	Open Dump Inventory
SWRCY.....	Registered Recycling Facility List
SWTIRE.....	Registered Waste Tire Storage & Facility List
INDIAN ODI.....	Report on the Status of Open Dumps on Indian Lands

#### ***Local Lists of Hazardous waste / Contaminated Sites***

US CDL.....	Clandestine Drug Labs
US HIST CDL.....	National Clandestine Laboratory Register

#### ***Local Lists of Registered Storage Tanks***

HIST AST.....	Historical Petroleum Bulk Storage Database
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#### ***Local Land Records***

LIENS 2.....	CERCLA Lien Information
LUCIS.....	Land Use Control Information System

#### ***Records of Emergency Release Reports***

HMIRS.....	Hazardous Materials Information Reporting System
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## EXECUTIVE SUMMARY

### **Other Ascertainable Records**

DOT OPS.....	Incident and Accident Data
DOD.....	Department of Defense Sites
FUDS.....	Formerly Used Defense Sites
CONSENT.....	Superfund (CERCLA) Consent Decrees
ROD.....	Records Of Decision
UMTRA.....	Uranium Mill Tailings Sites
MINES.....	Mines Master Index File
TRIS.....	Toxic Chemical Release Inventory System
TSCA.....	Toxic Substances Control Act
FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS.....	Section 7 Tracking Systems
ICIS.....	Integrated Compliance Information System
PADS.....	PCB Activity Database System
MLTS.....	Material Licensing Tracking System
RADINFO.....	Radiation Information Database
FINDS.....	Facility Index System/Facility Registry System
RAATS.....	RCRA Administrative Action Tracking System
UIC.....	Underground Injection Control Wells
NPDES.....	State Pollutant Discharge Elimination System
AIRS.....	Air Emissions Data
INDIAN RESERV.....	Indian Reservations
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
FINANCIAL ASSURANCE.....	Financial Assurance Information Listing
COAL ASH.....	Coal Ash Disposal Site Listing
PCB TRANSFORMER.....	PCB Transformer Registration Database
COAL ASH DOE.....	Sleam-Electric Plan Operation Data

### **EDR PROPRIETARY RECORDS**

#### ***EDR Proprietary Records***

Manufactured Gas Plants..... EDR Proprietary Manufactured Gas Plants

### **SURROUNDING SITES: SEARCH RESULTS**

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

## EXECUTIVE SUMMARY

### STANDARD ENVIRONMENTAL RECORDS

#### ***Federal CERCLIS NFRAP site List***

CERC-NFRAP: Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

A review of the CERC-NFRAP list, as provided by EDR, and dated 10/28/2010 has revealed that there is 1 CERC-NFRAP site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SILVER ROD DRUG CO	114 BEVERLY ROAD	ENE 1/4 - 1/2 (0.383 mi.)	AG135	453

#### ***Federal RCRA generators list***

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 02/17/2010 has revealed that there is 1 RCRA-LQG site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>GLOBAL COMMUNICATIONS</b>	<b>3611 14TH AVE</b>	<b>E 1/8 - 1/4 (0.164 mi.)</b>	<b>Y95</b>	<b>335</b>

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 02/17/2010 has revealed that there is 1 RCRA-SQG site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>YESHIDA MACHZIKEI HADAS INC</b>	<b>1247 38TH ST</b>	<b>NW 0 - 1/8 (0.090 mi.)</b>	<b>I40</b>	<b>141</b>

## EXECUTIVE SUMMARY

RCRA-CESQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-CESQG list, as provided by EDR, and dated 02/17/2010 has revealed that there are 3 RCRA-CESQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>13TH AVENUE DRY CLEANERS</b>	<b>4105 13TH AVE</b>	<b>SW 1/8 - 1/4 (0.154 mi.)</b>	<b>V88</b>	<b>315</b>
GREEN MACHINE FACILITY	1138 36TH ST	NNW 1/8 - 1/4 (0.222 mi.)	AC117	392
<b>MAIMONIDES HEALTH SERVICES</b>	<b>43-03 13TH AVE</b>	<b>SW 1/8 - 1/4 (0.249 mi.)</b>	<b>AD123</b>	<b>416</b>

### **State and tribal landfill and/or solid waste disposal site lists**

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the list.

A review of the SWF/LF list, as provided by EDR, and dated 01/12/2011 has revealed that there is 1 SWF/LF site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>SARIK AUTO CENTER INC</b>	<b>1305 36TH STREET</b>	<b>NE 0 - 1/8 (0.094 mi.)</b>	<b>N49</b>	<b>183</b>

### **State and tribal leaking storage tank lists**

LTANKS: Leaking Storage Tank Incident Reports. These records contain an inventory of reported leaking storage tank incidents reported from 4/1/86 through the most recent update. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills

A review of the LTANKS list, as provided by EDR, and dated 02/23/2011 has revealed that there are 25 LTANKS sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>127 CHESTER AVENUE</b> Date Closed: 10/2/1995	<b>127 CHESTER AVENUE</b>	<b>NE 1/8 - 1/4 (0.159 mi.)</b>	<b>X92</b>	<b>329</b>
Not reported Date Closed: 4/21/2004	1254 42ND STREET	WSW 1/8 - 1/4 (0.215 mi.)	AB112	384
Not reported Date Closed: 9/8/2003	1254 42ND STREET	WSW 1/8 - 1/4 (0.215 mi.)	AB114	389
<b>350 FT HAMILTON PKWY/BKLY</b> Date Closed: 9/16/2005	<b>NEAR 350 FT HAMILTON PK</b>	<b>NNW 1/4 - 1/2 (0.286 mi.)</b>	<b>AE125</b>	<b>429</b>
<b>Not reported</b> Date Closed: 4/1/1998	<b>3806 FORT HAMILTON P'WA</b>	<b>NW 1/4 - 1/2 (0.287 mi.)</b>	<b>126</b>	<b>432</b>
<b>3477 FT HAMILTON PKWY/BKL</b> Date Closed: 6/8/2009	<b>3477 FT HAMILTON PKWY</b>	<b>N 1/4 - 1/2 (0.290 mi.)</b>	<b>AE127</b>	<b>435</b>
<b>3501 FT. HAMILTON PKWY/BK</b> Date Closed: 12/19/1990	<b>3501 FORT HAMILTON PKWY</b>	<b>N 1/4 - 1/2 (0.293 mi.)</b>	<b>AE128</b>	<b>437</b>

## EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>3501 FT HAMILTON PKWY</b> Date Closed: 4/21/1993	<b>3501 FT HAMILTON PKWY</b>	<b>N 1/4 - 1/2 (0.293 mi.)</b>	<b>AE129</b>	<b>440</b>
<b>29 TEHAMA ST</b> Date Closed: 8/11/1994	<b>29 TEHAMA STREET</b>	<b>NE 1/4 - 1/2 (0.314 mi.)</b>	<b>AF130</b>	<b>442</b>
<b>29 TEHANA ST.</b> Date Closed: 12/28/1993	<b>29 TEHANA ST.</b>	<b>NE 1/4 - 1/2 (0.317 mi.)</b>	<b>AF131</b>	<b>445</b>
<b>GAS STATION</b> Date Closed: 1/3/1996	<b>3437 FORT HAMILTON PKY</b>	<b>N 1/4 - 1/2 (0.319 mi.)</b>	<b>132</b>	<b>447</b>
1026 38TH ST Date Closed: 7/11/2005	1026 38TH ST	NW 1/4 - 1/2 (0.348 mi.)	134	451
<b>HEBREW SCHOOL</b> <b>DAHILL GARDENS</b> Date Closed: 11/5/2003	<b>1371 46TH ST</b> <b>36 DAHILL RD</b>	<b>SSW 1/4 - 1/2 (0.405 mi.)</b> <b>NNE 1/4 - 1/2 (0.432 mi.)</b>	<b>139</b> <b>142</b>	<b>463</b> <b>485</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CITYGAS Date Closed: 3/2/2004	3715 14TH AVE	ESE 1/8 - 1/4 (0.143 mi.)	R80	288
TANK TEST FAILURE TTF Date Closed: 9/28/2010	1413 38TH ST	SE 1/8 - 1/4 (0.157 mi.)	W90	326
<b>4101 14TH AVE/NY TEL</b> Date Closed: 3/30/1995	<b>4101 14TH AVE</b>	<b>S 1/8 - 1/4 (0.203 mi.)</b>	<b>AA107</b>	<b>368</b>
ASTORIA FEDERAL BANK Date Closed: 4/6/2005	101 CHURCH AVE	ENE 1/4 - 1/2 (0.340 mi.)	133	450
<b>1315 46TH ST/BKLYN</b> Date Closed: 8/10/1990	<b>1315 46TH STREET</b>	<b>SW 1/4 - 1/2 (0.396 mi.)</b>	<b>137</b>	<b>458</b>
<b>405 DAHILL RD-S/S</b> <b>DAHILL SERVICE COMPANY</b> Date Closed: 12/12/2005	<b>405 DAHILL RD</b> <b>417 DAHILL ROAD</b>	<b>SE 1/4 - 1/2 (0.402 mi.)</b> <b>SE 1/4 - 1/2 (0.407 mi.)</b>	<b>AH138</b> <b>AH140</b>	<b>460</b> <b>465</b>
<b>417 DAHILL RD</b> Date Closed: 6/30/2004	<b>417 DAHILL RD</b>	<b>SE 1/4 - 1/2 (0.407 mi.)</b>	<b>AH141</b>	<b>483</b>
<b>BAKERY</b> Date Closed: 5/17/2006	<b>1301 47TH ST</b>	<b>SW 1/4 - 1/2 (0.445 mi.)</b>	<b>143</b>	<b>488</b>
<b>686 MCDONALD AVE/BKLYN</b> Date Closed: 1/12/2004	<b>686 MCDONALD AVENUE</b>	<b>SE 1/4 - 1/2 (0.446 mi.)</b>	<b>144</b>	<b>491</b>
BILL VASQUEZ HOME Date Closed: 4/27/2007	431 EAST 4TH STREET	E 1/4 - 1/2 (0.495 mi.)	145	493

HIST LTANKS: A listing of leaking underground and aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills. In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY LTANKS database.

A review of the HIST LTANKS list, as provided by EDR, and dated 01/01/2002 has revealed that there

## EXECUTIVE SUMMARY

are 19 HIST LTANKS sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>127 CHESTER AVENUE</b> Date Closed: 10/02/95	<b>127 CHESTER AVENUE</b>	<b>NE 1/8 - 1/4 (0.159 mi.)</b>	<b>X92</b>	<b>329</b>
<b>350 FT HAMILTON PKWY/BKLY</b> Date Closed: / /	<b>NEAR 350 FT HAMILTON PK</b>	<b>NNW 1/4 - 1/2 (0.286 mi.)</b>	<b>AE125</b>	<b>429</b>
<b>Not reported</b> Date Closed: 04/01/98	<b>3806 FORT HAMILTON P'WA</b>	<b>NW 1/4 - 1/2 (0.287 mi.)</b>	<b>126</b>	<b>432</b>
<b>3477 FT HAMILTON PKWY/BKL</b> Date Closed: / /	<b>3477 FT HAMILTON PKWY</b>	<b>N 1/4 - 1/2 (0.290 mi.)</b>	<b>AE127</b>	<b>435</b>
<b>3501 FT. HAMILTON PKWY/BK</b> Date Closed: 12/19/90	<b>3501 FORT HAMILTON PKWY</b>	<b>N 1/4 - 1/2 (0.293 mi.)</b>	<b>AE128</b>	<b>437</b>
<b>3501 FT HAMILTON PKWY</b> Date Closed: 04/21/93	<b>3501 FT HAMILTON PKWY</b>	<b>N 1/4 - 1/2 (0.293 mi.)</b>	<b>AE129</b>	<b>440</b>
<b>29 TEHAMA ST</b> Date Closed: 08/11/94	<b>29 TEHAMA STREET</b>	<b>NE 1/4 - 1/2 (0.314 mi.)</b>	<b>AF130</b>	<b>442</b>
<b>29 TEHANA ST.</b> Date Closed: 12/28/93	<b>29 TEHANA ST.</b>	<b>NE 1/4 - 1/2 (0.317 mi.)</b>	<b>AF131</b>	<b>445</b>
<b>GAS STATION</b> Date Closed: 01/03/96	<b>3437 FORT HAMILTON PKY</b>	<b>N 1/4 - 1/2 (0.319 mi.)</b>	<b>132</b>	<b>447</b>
<b>HEBREW SCHOOL</b> Date Closed: / /	<b>1371 46TH ST</b>	<b>SSW 1/4 - 1/2 (0.405 mi.)</b>	<b>139</b>	<b>463</b>
<b>DAHILL GARDENS</b> Date Closed: / /	<b>36 DAHILL RD</b>	<b>NNE 1/4 - 1/2 (0.432 mi.)</b>	<b>142</b>	<b>485</b>
<b>Lower Elevation</b>	<b>Address</b>	<b>Direction / Distance</b>	<b>Map ID</b>	<b>Page</b>
<b>4101 14TH AVE/NY TEL</b> Date Closed: 03/30/95	<b>4101 14TH AVE</b>	<b>S 1/8 - 1/4 (0.203 mi.)</b>	<b>AA107</b>	<b>368</b>
<b>243 DAHILO RD</b> Date Closed: 01/31/94	<b>243 DAHILO RD</b>	<b>E 1/4 - 1/2 (0.278 mi.)</b>	<b>124</b>	<b>428</b>
<b>1315 46TH ST/BKLYN</b> Date Closed: 08/10/90	<b>1315 46TH STREET</b>	<b>SW 1/4 - 1/2 (0.396 mi.)</b>	<b>137</b>	<b>458</b>
<b>405 DAHILL RD-S/S</b> Date Closed: / /	<b>405 DAHILL RD</b>	<b>SE 1/4 - 1/2 (0.402 mi.)</b>	<b>AH138</b>	<b>460</b>
<b>DAHILL SERVICE COMPANY</b> Date Closed: / /	<b>417 DAHILL ROAD</b>	<b>SE 1/4 - 1/2 (0.407 mi.)</b>	<b>AH140</b>	<b>465</b>
<b>417 DAHILL RD</b> Date Closed: / /	<b>417 DAHILL RD</b>	<b>SE 1/4 - 1/2 (0.407 mi.)</b>	<b>AH141</b>	<b>483</b>
<b>BAKERY</b> Date Closed: / /	<b>1301 47TH ST</b>	<b>SW 1/4 - 1/2 (0.445 mi.)</b>	<b>143</b>	<b>488</b>
<b>686 MCDONALD AVE/BKLYN</b> Date Closed: / /	<b>686 MCDONALD AVENUE</b>	<b>SE 1/4 - 1/2 (0.446 mi.)</b>	<b>144</b>	<b>491</b>

## EXECUTIVE SUMMARY

### **State and tribal registered storage tank lists**

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database

A review of the UST list, as provided by EDR, and dated 01/04/2011 has revealed that there are 10 UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>ASARD REALTY</b>	<b>1310 38TH STREET</b>	<b>SSE 0 - 1/8 (0.006 mi.)</b>	<b>A3</b>	<b>13</b>
<b>1327 38TH STREET</b>	<b>1327 38TH STREET</b>	<b>SE 0 - 1/8 (0.029 mi.)</b>	<b>B8</b>	<b>28</b>
<b>RELIABLE CHARTER CORP</b>	<b>1225 36TH ST</b>	<b>NNW 1/8 - 1/4 (0.148 mi.)</b>	<b>85</b>	<b>302</b>
<b>CHILD STUDY CENTER</b>	<b>1315 43RD STREET</b>	<b>SW 1/8 - 1/4 (0.248 mi.)</b>	<b>AD122</b>	<b>413</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>ALPHA ELECTRONICS INC</b>	<b>1365 39TH ST</b>	<b>SSE 0 - 1/8 (0.097 mi.)</b>	<b>K53</b>	<b>193</b>
<b>38/39 PRIVATE</b>	<b>3801 14TH AVENUE</b>	<b>SE 1/8 - 1/4 (0.137 mi.)</b>	<b>S77</b>	<b>266</b>
<b>3715 GAS INC.</b>	<b>3715 14TH AVENUE</b>	<b>ESE 1/8 - 1/4 (0.143 mi.)</b>	<b>R79</b>	<b>275</b>
1413 38TH LLC	1421 38TH ST	SE 1/8 - 1/4 (0.169 mi.)	W98	341
31-37 CHURCH AVE	31-37 CHURCH AVE	ENE 1/8 - 1/4 (0.188 mi.)	Z102	357
<b>38TH STREET PROPERTIES, LLC</b>	<b>1462 38TH STREET</b>	<b>SE 1/8 - 1/4 (0.228 mi.)</b>	<b>119</b>	<b>397</b>

AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database.

A review of the AST list, as provided by EDR, and dated 01/04/2011 has revealed that there are 19 AST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>1327 38TH STREET</b>	<b>1327 38TH STREET</b>	<b>SE 0 - 1/8 (0.029 mi.)</b>	<b>B8</b>	<b>28</b>
DANI AUTO & WHEEL ALIGNMENT IN	1332 39TH STREET	S 0 - 1/8 (0.065 mi.)	F21	78
NEW BREAHA AUTO	1317 36TH STREET	NE 0 - 1/8 (0.096 mi.)	N50	184
<b>40TH ST ASSOCIATES</b>	<b>1327 40TH ST</b>	<b>SSW 0 - 1/8 (0.104 mi.)</b>	<b>P61</b>	<b>221</b>
SK TECH INC	1260 36TH STREET	N 0 - 1/8 (0.108 mi.)	Q67	245
<b>RELIABLE CHARTER CORP</b>	<b>1225 36TH ST</b>	<b>NNW 1/8 - 1/4 (0.148 mi.)</b>	<b>85</b>	<b>302</b>
A-145 REALTY	145 CHESTER AVENUE	ENE 1/8 - 1/4 (0.157 mi.)	X91	327
<b>MRS HELEN BRCHNEL</b>	<b>113 CLARA ST</b>	<b>NNE 1/8 - 1/4 (0.161 mi.)</b>	<b>94</b>	<b>332</b>
<b>IRENE POSNER</b>	<b>1254 42ND ST</b>	<b>WSW 1/8 - 1/4 (0.215 mi.)</b>	<b>AB113</b>	<b>386</b>
PUBLIC SCHOOL 164-BROOKLYN	4211 14TH AVE	S 1/8 - 1/4 (0.246 mi.)	121	411
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>3720 REALTY COM C/O EAGLE-JESH</b>	<b>3720 14 AVENUE</b>	<b>ESE 1/8 - 1/4 (0.135 mi.)</b>	<b>S72</b>	<b>257</b>
G&V AUTO CLINIC	11 CHURCH AVENUE	E 1/8 - 1/4 (0.136 mi.)	T73	260
G&V AUTO CLINIC INC.	1371 36TH STREET	E 1/8 - 1/4 (0.137 mi.)	T76	264
PEARL RESIDENCE	1384 36TH STREET	E 1/8 - 1/4 (0.153 mi.)	T87	313
LANDY MICHEALS REALTY CORP.	3611 14TH AVENUE	E 1/8 - 1/4 (0.164 mi.)	Y96	337
SASHA'S AUTO SALES & BODY REPA	3514 14TH AVENUE	E 1/8 - 1/4 (0.194 mi.)	Z105	365
3403-09 14 AVE LLC	3403 14TH AVENUE	ENE 1/8 - 1/4 (0.218 mi.)	115	390
<b>AL MILLER</b>	<b>1429 35TH STREET</b>	<b>E 1/8 - 1/4 (0.225 mi.)</b>	<b>118</b>	<b>394</b>
<b>38TH STREET PROPERTIES, LLC</b>	<b>1462 38TH STREET</b>	<b>SE 1/8 - 1/4 (0.228 mi.)</b>	<b>119</b>	<b>397</b>

## EXECUTIVE SUMMARY

### ADDITIONAL ENVIRONMENTAL RECORDS

#### **Local Lists of Hazardous waste / Contaminated Sites**

DEL SHWS: A database listing of sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites.

A review of the DEL SHWS list, as provided by EDR, and dated 02/23/2011 has revealed that there is 1 DEL SHWS site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SILVER ROD DRUG CO.	114 BEVERLY ROAD	ENE 1/4 - 1/2 (0.383 mi.)	AG136	453

#### **Local Lists of Registered Storage Tanks**

HIST UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database

A review of the HIST UST list, as provided by EDR, and dated 01/01/2002 has revealed that there are 10 HIST UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>ASARD REALTY</b>	<b>1310 38TH STREET</b>	<b>SSE 0 - 1/8 (0.006 mi.)</b>	<b>A3</b>	<b>13</b>
<b>1327 38TH STREET</b>	<b>1327 38TH STREET</b>	<b>SE 0 - 1/8 (0.029 mi.)</b>	<b>B8</b>	<b>28</b>
<b>RELIABLE CHARTER CORP</b>	<b>1225 36TH ST</b>	<b>NNW 1/8 - 1/4 (0.148 mi.)</b>	<b>85</b>	<b>302</b>
<b>CHILD STUDY CENTER</b>	<b>1315 43RD STREET</b>	<b>SW 1/8 - 1/4 (0.248 mi.)</b>	<b>AD122</b>	<b>413</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>ALPHA ELECTRONICS INC</b>	<b>1365 39TH ST</b>	<b>SSE 0 - 1/8 (0.097 mi.)</b>	<b>K53</b>	<b>193</b>
<b>38/39 PRIVATE</b>	<b>3801 14TH AVENUE</b>	<b>SE 1/8 - 1/4 (0.137 mi.)</b>	<b>S77</b>	<b>266</b>
<b>3715 GAS INC.</b>	<b>3715 14TH AVENUE</b>	<b>ESE 1/8 - 1/4 (0.143 mi.)</b>	<b>R79</b>	<b>275</b>
GANIN TIRE CO INC	1421 38TH ST	SE 1/8 - 1/4 (0.169 mi.)	W97	339
<b>BELL ATLANTIC NORTH/NYNEX</b>	<b>4101 14TH AVENUE</b>	<b>S 1/8 - 1/4 (0.204 mi.)</b>	<b>AA110</b>	<b>376</b>
<b>38TH STREET PROPERTIES, LLC</b>	<b>1462 38TH STREET</b>	<b>SE 1/8 - 1/4 (0.228 mi.)</b>	<b>119</b>	<b>397</b>

#### **Records of Emergency Release Reports**

NY Spills: Data collected on spills reported to NYSDEC. is required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

A review of the NY Spills list, as provided by EDR, and dated 02/23/2011 has revealed that there are 8 NY Spills sites within approximately 0.125 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SEVEN GAL RELEASE IN MH #471 W Date Closed: 8/20/2007	38 STREET & 13 AVENUE	WNW 0 - 1/8 (0.013 mi.)	A4	17
DRUM RUN Date Closed: 9/28/2010	39 ST AND 13TH AVE	SW 0 - 1/8 (0.053 mi.)	E15	55

## EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>VAULT #4374</b> Date Closed: 2/7/2005	<b>13TH AVE &amp; 39TH ST</b>	<b>SW 0 - 1/8 (0.053 mi.)</b>	<b>E16</b>	<b>57</b>
<b>GASETERIA</b> LOUISA STREET Date Closed: 7/15/2002	<b>6501 13TH AVENUE</b> 36TH ST & LOUISA ST	<b>NNE 0 - 1/8 (0.091 mi.)</b> <b>NE 0 - 1/8 (0.094 mi.)</b>	<b>J43</b> <b>N48</b>	<b>167</b> <b>182</b>
<b>SERVICE BOX #49248</b> Date Closed: 12/18/2001	<b>OPP 1252 39TH ST</b>	<b>W 0 - 1/8 (0.097 mi.)</b>	<b>L51</b>	<b>186</b>
<b>APARTMENT</b> Date Closed: 3/24/2005	<b>1327 40TH STREET</b>	<b>SSW 0 - 1/8 (0.104 mi.)</b>	<b>P60</b>	<b>220</b>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>ABANDONED DRUMS</b> Date Closed: 7/19/2001	<b>OLD NEW UTRECHT RD/37 S</b>	<b>ESE 0 - 1/8 (0.124 mi.)</b>	<b>R70</b>	<b>252</b>

NY Hist Spills: This database contains records of chemical and petroleum spill incidents. Under State law, petroleum and hazardous chemical spills that can impact the waters of the state must be reported by the spiller (and, in some cases, by anyone who has knowledge of the spills). In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY SPILLS database.

A review of the NY Hist Spills list, as provided by EDR, and dated 01/01/2002 has revealed that there are 4 NY Hist Spills sites within approximately 0.125 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>VAULT #4374</b>	<b>13TH AVE &amp; 39TH ST</b>	<b>SW 0 - 1/8 (0.053 mi.)</b>	<b>E16</b>	<b>57</b>
<b>GASETERIA</b>	<b>6501 13TH AVENUE</b>	<b>NNE 0 - 1/8 (0.091 mi.)</b>	<b>J43</b>	<b>167</b>
<b>SERVICE BOX #49248</b>	<b>OPP 1252 39TH ST</b>	<b>W 0 - 1/8 (0.097 mi.)</b>	<b>L51</b>	<b>186</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>ABANDONED DRUMS</b>	<b>OLD NEW UTRECHT RD/37 S</b>	<b>ESE 0 - 1/8 (0.124 mi.)</b>	<b>R70</b>	<b>252</b>

### **Other Ascertainable Records**

RCRA-NonGen: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA-NonGen list, as provided by EDR, and dated 02/17/2010 has revealed that there are 18 RCRA-NonGen sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>CON EDISON</b>	<b>37 ST &amp; 13TH AVE</b>	<b>NNE 0 - 1/8 (0.049 mi.)</b>	<b>D13</b>	<b>50</b>
<b>CHURCH AUTO COLLISION</b>	<b>1332 39TH ST</b>	<b>S 0 - 1/8 (0.065 mi.)</b>	<b>F20</b>	<b>67</b>
<b>MAIMONIDES HEALTH SERVICES BRO</b>	<b>1301 13TH AVE</b>	<b>NNE 0 - 1/8 (0.078 mi.)</b>	<b>J29</b>	<b>100</b>

## EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
A S A MFG	1350 39TH ST	SSE 0 - 1/8 (0.082 mi.)	K33	117
FAMILY BODY REPAIRS, INC	1245 39TH ST	W 0 - 1/8 (0.106 mi.)	L64	234
FAMILY BODY REPAIRS INC	1223 39TH ST	WNW 1/8 - 1/4 (0.134 mi.)	71	254
NYCDOT	PIER 76 38TH ST & 12TH	NW 1/8 - 1/4 (0.145 mi.)	U82	290
PORT AUTH OF NY & NJ 12TH AVE	200 E OF 12 AVE & 38TH	NW 1/8 - 1/4 (0.145 mi.)	U83	292
3 JS AUTO REPAIR	3605 12TH AVE	NNW 1/8 - 1/4 (0.181 mi.)	100	353
36TH STREET COLLISION	1106 36TH ST	NNW 1/8 - 1/4 (0.234 mi.)	AC120	405

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MYNEX-MANHOLE	14TH AVE & 38TH	SE 1/8 - 1/4 (0.136 mi.)	S75	263
CITY GAS	3715 14TH AVE	ESE 1/8 - 1/4 (0.143 mi.)	R78	273
NYC DEP	14 AVE & 37TH ST	ESE 1/8 - 1/4 (0.143 mi.)	R81	289
SPIVACK CLEANERS	4016 14TH AVE	SSE 1/8 - 1/4 (0.173 mi.)	99	343
SUPER BODY COLLISION CORP	1426 39TH ST	SE 1/8 - 1/4 (0.183 mi.)	101	355
QUALITY COLLISION & AUTO REPAI	35-14 14TH AVE	E 1/8 - 1/4 (0.194 mi.)	Z104	363
NYNEX MATERIAL ENTERPRISES CO	4101 14TH AVE	S 1/8 - 1/4 (0.204 mi.)	AA109	372
ART SUPPLY & INSTRUMENT CO	1449 37TH ST	ESE 1/8 - 1/4 (0.214 mi.)	111	382

HSWDS: The List includes any known or suspected hazardous substance waste disposal sites. Also included are sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites and non-registry sites that U.S. EPA Preliminary Assessment (PA) reports or Site Investigation (SI) reports were prepared. Hazardous Substance Waste Disposal Sites are eligible to be Superfund sites now that the New York State Superfund has been refinanced and changed. This means that the study inventory has served its purpose and will no longer be maintained as a separate entity. The latest version of the study is frozen in time. The sites on the study will not automatically be made superfund sites, rather each site will be further evaluated for listing in the registry. So overtime they will be added to the registry or not.

A review of the HSWDS list, as provided by EDR, and dated 01/01/2003 has revealed that there is 1 HSWDS site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
1247 38TH STREET, BROOKLYN	1247 38TH STREET	NW 0 - 1/8 (0.090 mi.)	I38	136

MANIFEST: Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

A review of the MANIFEST list, as provided by EDR, and dated 12/31/2010 has revealed that there are 28 MANIFEST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CONSOLIDATED EDISON	38TH ST. AND 13TH AVE.	WNW 0 - 1/8 (0.013 mi.)	A5	19
NYCDEP	13TH AVE & 37TH ST	NNE 0 - 1/8 (0.049 mi.)	D12	49
CON EDISON	37 ST & 13TH AVE	NNE 0 - 1/8 (0.049 mi.)	D13	50
CHURCH AUTO COLLISION	1332 39TH ST	S 0 - 1/8 (0.065 mi.)	F20	67
MAIMONIDES HEALTH SERVICES BRO	1301 13TH AVE	NNE 0 - 1/8 (0.078 mi.)	J29	100
A S A MFG	1350 39TH ST	SSE 0 - 1/8 (0.082 mi.)	K33	117
YESHIDA MACHZIKEI HADAS INC	1247 38TH ST	NW 0 - 1/8 (0.090 mi.)	I40	141
NYCDEP	1247 38TH ST	NW 0 - 1/8 (0.090 mi.)	I41	165
NYC DEP HAZ MAT	LOUISA ST & 36 ST	NE 0 - 1/8 (0.094 mi.)	N47	181
FAMILY BODY REPAIRS, INC	1245 39TH ST	W 0 - 1/8 (0.106 mi.)	L64	234
FAMILY BODY REPAIRS INC	1223 39TH ST	WNW 1/8 - 1/4 (0.134 mi.)	71	254

## EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>PORT AUTH OF NY &amp; NJ 12TH AVE</b>	<b>200 E OF 12 AVE &amp; 38TH</b>	<b>NW 1/8 - 1/4 (0.145 mi.)</b>	<b>U83</b>	<b>292</b>
NYNEX	41 ST & 13 AVE	SW 1/8 - 1/4 (0.150 mi.)	V86	312
<b>13TH AVENUE DRY CLEANERS</b>	<b>4105 13TH AVE</b>	<b>SW 1/8 - 1/4 (0.154 mi.)</b>	<b>V88</b>	<b>315</b>
BELL ATLANTIC-NY	38ST/12 AVE	NW 1/8 - 1/4 (0.159 mi.)	U93	332
CONSOLIDATED EDISON	42 ST & 13 AVE V470	SW 1/8 - 1/4 (0.199 mi.)	106	367
BELL ATLANTIC-NY	12 AVE/41 ST	W 1/8 - 1/4 (0.219 mi.)	116	392
<b>36TH STREET COLLISION</b>	<b>1106 36TH ST</b>	<b>NNW 1/8 - 1/4 (0.234 mi.)</b>	<b>AC120</b>	<b>405</b>
<b>MAIMONIDES HEALTH SERVICES</b>	<b>43-03 13TH AVE</b>	<b>SW 1/8 - 1/4 (0.249 mi.)</b>	<b>AD123</b>	<b>416</b>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NYNEX	14TH AVE & 38TH	SE 1/8 - 1/4 (0.136 mi.)	S74	262
<b>MYNEX-MANHOLE</b>	<b>14TH AVE &amp; 38TH</b>	<b>SE 1/8 - 1/4 (0.136 mi.)</b>	<b>S75</b>	<b>263</b>
NYCDEP	CORNER OF 39 & 14TH AVE	SSE 1/8 - 1/4 (0.146 mi.)	84	301
<b>SPIVACK CLEANERS</b>	<b>4016 14TH AVE</b>	<b>SSE 1/8 - 1/4 (0.173 mi.)</b>	<b>99</b>	<b>343</b>
<b>SUPER BODY COLLISION CORP</b>	<b>1426 39TH ST</b>	<b>SE 1/8 - 1/4 (0.183 mi.)</b>	<b>101</b>	<b>355</b>
CONSOLIDATED EDISON	CHURCH ST & 35TH ST	ENE 1/8 - 1/4 (0.189 mi.)	Z103	362
<b>QUALITY COLLISION &amp; AUTO REPAI</b>	<b>35-14 14TH AVE</b>	<b>E 1/8 - 1/4 (0.194 mi.)</b>	<b>Z104</b>	<b>363</b>
<b>NYNEX MATERIAL ENTERPRISES CO</b>	<b>4101 14TH AVE</b>	<b>S 1/8 - 1/4 (0.204 mi.)</b>	<b>AA109</b>	<b>372</b>
<b>ART SUPPLY &amp; INSTRUMENT CO</b>	<b>1449 37TH ST</b>	<b>ESE 1/8 - 1/4 (0.214 mi.)</b>	<b>111</b>	<b>382</b>

DRYCLEANERS: A listing of all registered drycleaning facilities.

A review of the DRYCLEANERS list, as provided by EDR, and dated 12/21/2010 has revealed that there is 1 DRYCLEANERS site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
KI KI/WON ORIGINAL FRENCH CLEA	4105 13TH AVENUE	SW 1/8 - 1/4 (0.154 mi.)	V89	325

E DESIGNATION: Lots designation with an ?E? on the Zoning Maps of the City of New York for potential hazardous material contamination, air and/or noise quality impacts.

A review of the E DESIGNATION list, as provided by EDR, and dated 10/13/2010 has revealed that there are 40 E DESIGNATION sites within approximately 0.125 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LOT 36,TAXBLOCK 5294	3804 13 AVENUE	WNW 0 - 1/8 (0.015 mi.)	A6	22
LOT 39,TAXBLOCK 5294	3814 13 AVENUE	W 0 - 1/8 (0.017 mi.)	A7	25
LOT 62,TAXBLOCK 5300	1327 38 STREET	SE 0 - 1/8 (0.029 mi.)	B9	38
LOT 17,TAXBLOCK 5299	1326 38 STREET	SE 0 - 1/8 (0.029 mi.)	B10	41
LOT 35,TAXBLOCK 5294	1276 38 STREET	NW 0 - 1/8 (0.048 mi.)	C11	44
LOT 34,TAXBLOCK 5294	1274 38 STREET	NW 0 - 1/8 (0.051 mi.)	C14	52
LOT 42,TAXBLOCK 5295	1273 38 STREET	NW 0 - 1/8 (0.054 mi.)	C17	59
LOT 31,TAXBLOCK 5294	1268 38 STREET	NW 0 - 1/8 (0.059 mi.)	C18	61
LOT 45,TAXBLOCK 5295	1267 38 STREET	NW 0 - 1/8 (0.062 mi.)	C19	64
LOT 46,TAXBLOCK 5295	1265 38 STREET	NW 0 - 1/8 (0.065 mi.)	C22	80
LOT 30,TAXBLOCK 5294	1264 38 STREET	NW 0 - 1/8 (0.065 mi.)	C23	81
LOT 29,TAXBLOCK 5294	1262 38 STREET	NW 0 - 1/8 (0.068 mi.)	C24	84
LOT 46,TAXBLOCK 5296	1275 37 STREET	N 0 - 1/8 (0.070 mi.)	G25	88
LOT 45,TAXBLOCK 5294	1275 39 STREET	W 0 - 1/8 (0.071 mi.)	H26	91
LOT 28,TAXBLOCK 5294	1258 38 STREET	NW 0 - 1/8 (0.073 mi.)	I27	94
LOT 27,TAXBLOCK 5294	1256 38 STREET	NW 0 - 1/8 (0.076 mi.)	I28	97

## EXECUTIVE SUMMARY

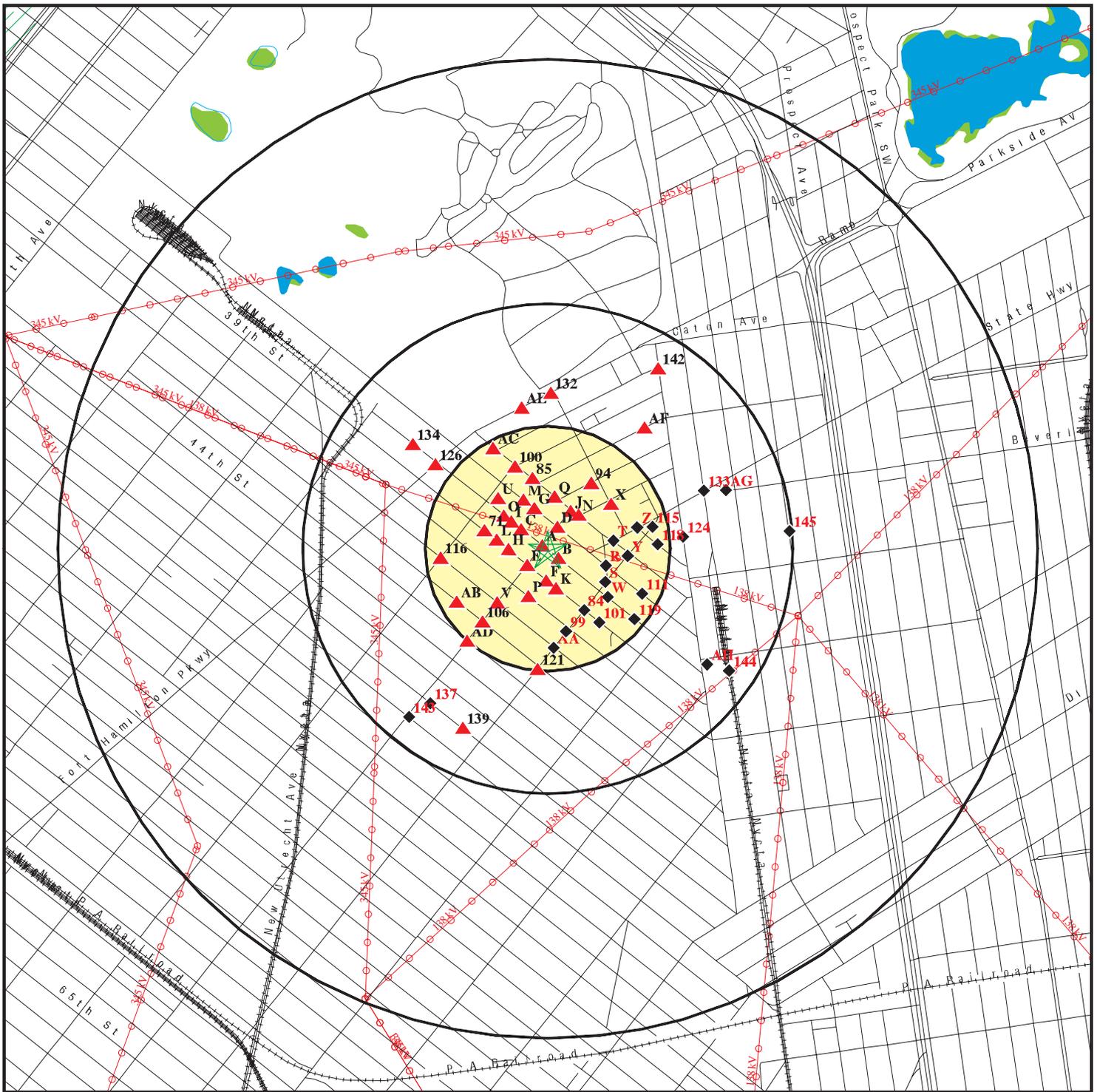
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LOT 49,TAXBLOCK 5296	1267 37 STREET	NNW 0 - 1/8 (0.079 mi.)	G30	106
LOT 46,TAXBLOCK 5294	1267 39 STREET	W 0 - 1/8 (0.080 mi.)	H31	111
LOT 26,TAXBLOCK 5294	1252 38 STREET	NW 0 - 1/8 (0.082 mi.)	I32	114
LOT 51,TAXBLOCK 5296	1263 37 STREET	NNW 0 - 1/8 (0.083 mi.)	G34	122
LOT 25,TAXBLOCK 5294	1250 38 STREET	NW 0 - 1/8 (0.085 mi.)	I35	127
LOT 52,TAXBLOCK 5296	1259 37 STREET	NNW 0 - 1/8 (0.088 mi.)	G36	130
LOT 24,TAXBLOCK 5294	1246 38 STREET	NW 0 - 1/8 (0.090 mi.)	I37	133
LOT 52,TAXBLOCK 5295	1247 38 STREET	NW 0 - 1/8 (0.090 mi.)	I39	137
LOT 50,TAXBLOCK 5294	1257 39 STREET	W 0 - 1/8 (0.091 mi.)	L44	170
LOT 54,TAXBLOCK 5296	1255 37 STREET	NNW 0 - 1/8 (0.092 mi.)	M45	174
LOT 23,TAXBLOCK 5294	1244 38 STREET	NW 0 - 1/8 (0.093 mi.)	I46	178
LOT 55,TAXBLOCK 5296	1251 37 STREET	NNW 0 - 1/8 (0.097 mi.)	M52	189
LOT 56,TAXBLOCK 5295	1241 38 STREET	NW 0 - 1/8 (0.098 mi.)	O54	197
LOT 21,TAXBLOCK 5294	1240 38 STREET	NW 0 - 1/8 (0.098 mi.)	O55	200
LOT 53,TAXBLOCK 5294	1249 39 STREET	W 0 - 1/8 (0.101 mi.)	L56	203
LOT 20,TAXBLOCK 5294	1238 38 STREET	NW 0 - 1/8 (0.101 mi.)	O57	207
LOT 57,TAXBLOCK 5296	1247 37 STREET	NNW 0 - 1/8 (0.102 mi.)	M58	211
LOT 54,TAXBLOCK 5294	1247 39 STREET	W 0 - 1/8 (0.104 mi.)	L59	215
LOT 19,TAXBLOCK 5294	1236 38 STREET	NW 0 - 1/8 (0.104 mi.)	O62	225
LOT 29,TAXBLOCK 5296	1264 36 STREET	N 0 - 1/8 (0.105 mi.)	Q63	228
LOT 55,TAXBLOCK 5294	1245 39 STREET	W 0 - 1/8 (0.106 mi.)	L65	237
LOT 18,TAXBLOCK 5294	1234 38 STREET	NW 0 - 1/8 (0.107 mi.)	O66	242
LOT 60,TAXBLOCK 5296	1239 37 STREET	NNW 0 - 1/8 (0.112 mi.)	M68	247
LOT 16,TAXBLOCK 5294	1230 38 STREET	NW 0 - 1/8 (0.112 mi.)	O69	250

## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 20 records.

<u>Site Name</u>	<u>Database(s)</u>
NYCTA	RCRA-SQG,MANIFEST,MANIFEST,FINDS
NYCTA-CPM ENVIRONMENTAL ENGINEERIN	FINDS,MANIFEST,RCRA-CESQG
BELL ATLANTIC-NY	MANIFEST
NYNEX	MANIFEST
CONSOLIDATED EDISON	RCRA-NLR,MANIFEST
ITO	MANIFEST
CONSOLIDATED EDISON	RCRA-NLR,MANIFEST
CONSOLIDATED EDISON	RCRA-NLR,MANIFEST
NORTHEAST MARINE TERMINAL CO INC	CORRACTS,FINDS,RCRA-NLR
NYSDOT BIN 1076750	RCRA-LQG
NYSDOT BIN 223123A	RCRA-LQG
NYSDOT BIN 2231239	RCRA-LQG
NYSDOT BIN 106531E	RCRA-LQG
CON ED-11TH STREET CONDUIT	FINDS
BAY RIDGE SUBARU - 530-63 STREET	FINDS
E 29TH ST & KINGS HWY	SPILLS,HIST SPILLS
BETW/AVE X &	SPILLS
BOX 38486	SPILLS,HIST SPILLS
KINGS HIGHWAY MOBIL	SPILLS
205842; KINGS HWY	SPILLS

# OVERVIEW MAP - 3039706.2s



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites

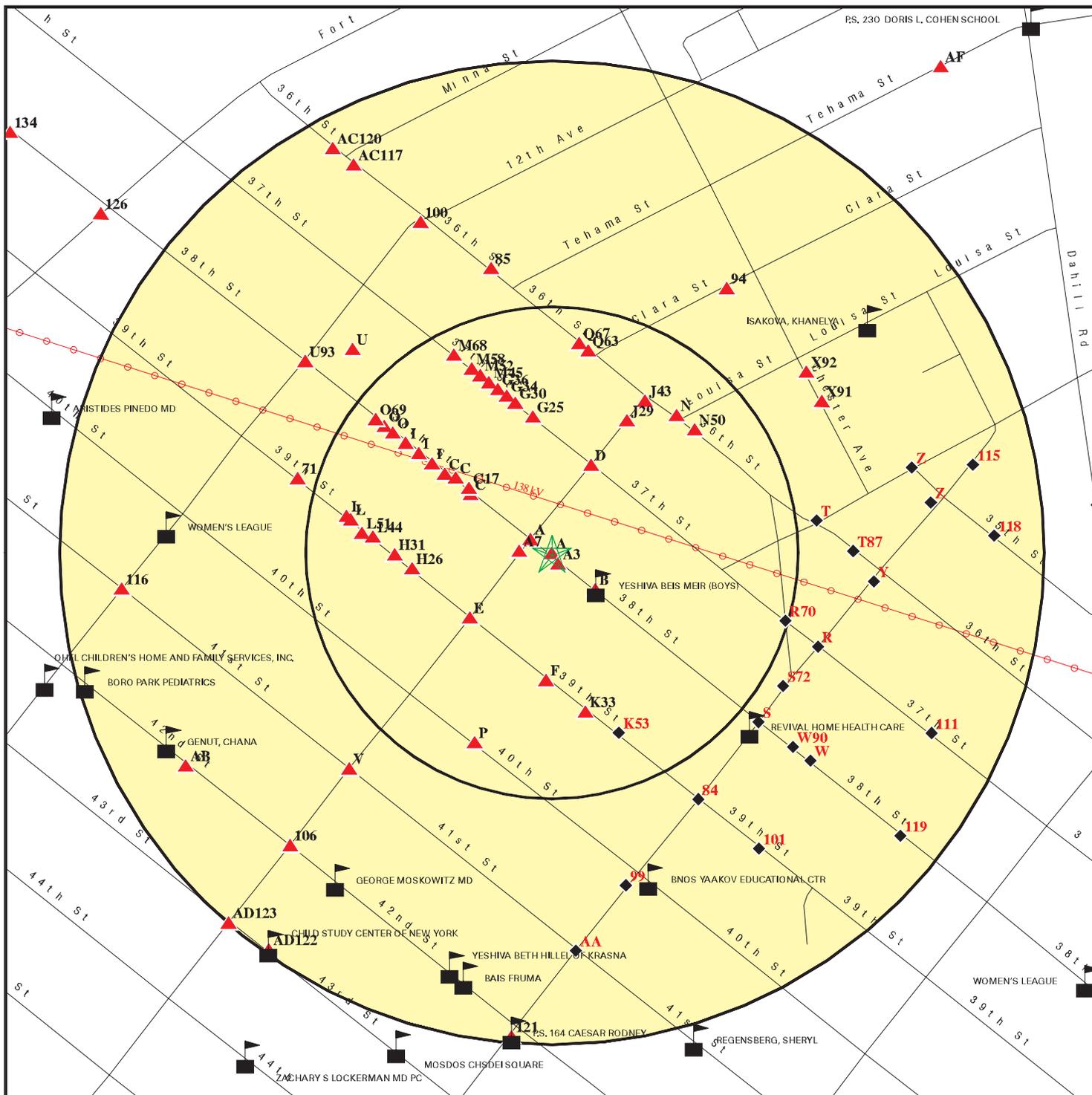
- Indian Reservations BIA
- ⚡ Power transmission lines
- ⚡ Oil & Gas pipelines
- ▨ 100-year flood zone
- ▨ 500-year flood zone
- National Wetland Inventory
- State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 1309-1321 38th Street  
 ADDRESS: 1309 38th Street  
 Brooklyn NY 11218  
 LAT/LONG: 40.6411 / 73.9855

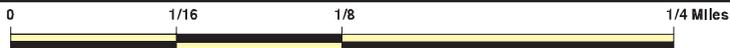
CLIENT: Hydro Tech Env. Corp.  
 CONTACT: Shana Cross  
 INQUIRY #: 3039706.2s  
 DATE: April 12, 2011 7:15 pm

# DETAIL MAP - 3039706.2s



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ⚡ Manufactured Gas Plants
- ⚠ Sensitive Receptors
- 🚧 National Priority List Sites
- 🏢 Dept. Defense Sites

- 🏠 Indian Reservations BIA
- ⚡ Power transmission lines
- 🛢 Oil & Gas pipelines
- 🌊 100-year flood zone
- 🌊 500-year flood zone



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 1309-1321 38th Street  
 ADDRESS: 1309 38th Street  
 Brooklyn NY 11218  
 LAT/LONG: 40.6411 / 73.9855

CLIENT: Hydro Tech Env. Corp.  
 CONTACT: Shana Cross  
 INQUIRY #: 3039706.2s  
 DATE: April 12, 2011 7:16 pm

## MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b><u>STANDARD ENVIRONMENTAL RECORDS</u></b>								
<b><i>Federal NPL site list</i></b>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
NPL LIENS		TP	NR	NR	NR	NR	NR	0
<b><i>Federal Delisted NPL site list</i></b>								
Delisted NPL		1.000	0	0	0	0	NR	0
<b><i>Federal CERCLIS list</i></b>								
CERCLIS		0.500	0	0	0	NR	NR	0
FEDERAL FACILITY		1.000	0	0	0	0	NR	0
<b><i>Federal CERCLIS NFRAP site List</i></b>								
CERC-NFRAP		0.500	0	0	1	NR	NR	1
<b><i>Federal RCRA CORRACTS facilities list</i></b>								
CORRACTS		1.000	0	0	0	0	NR	0
<b><i>Federal RCRA non-CORRACTS TSD facilities list</i></b>								
RCRA-TSDF		0.500	0	0	0	NR	NR	0
<b><i>Federal RCRA generators list</i></b>								
RCRA-LQG		0.250	0	1	NR	NR	NR	1
RCRA-SQG		0.250	1	0	NR	NR	NR	1
RCRA-CESQG		0.250	0	3	NR	NR	NR	3
<b><i>Federal institutional controls / engineering controls registries</i></b>								
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
<b><i>Federal ERNS list</i></b>								
ERNS		TP	NR	NR	NR	NR	NR	0
<b><i>State- and tribal - equivalent CERCLIS</i></b>								
SHWS		1.000	0	0	0	0	NR	0
VAPOR REOPENED		1.000	0	0	0	0	NR	0
<b><i>State and tribal landfill and/or solid waste disposal site lists</i></b>								
SWF/LF	X	0.500	1	0	0	NR	NR	1
<b><i>State and tribal leaking storage tank lists</i></b>								
LTANKS		0.500	0	6	19	NR	NR	25
HIST LTANKS		0.500	0	2	17	NR	NR	19
INDIAN LUST		0.500	0	0	0	NR	NR	0
<b><i>State and tribal registered storage tank lists</i></b>								
UST		0.250	3	7	NR	NR	NR	10

## MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CBS UST		0.250	0	0	NR	NR	NR	0
MOSF UST		0.500	0	0	0	NR	NR	0
AST		0.250	5	14	NR	NR	NR	19
CBS AST		0.250	0	0	NR	NR	NR	0
MOSF AST		0.500	0	0	0	NR	NR	0
CBS		0.250	0	0	NR	NR	NR	0
MOSF		0.500	0	0	0	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
FEMA UST		0.250	0	0	NR	NR	NR	0
<b><i>State and tribal institutional control / engineering control registries</i></b>								
ENG CONTROLS		0.500	0	0	0	NR	NR	0
INST CONTROL		0.500	0	0	0	NR	NR	0
RES DECL		0.125	0	NR	NR	NR	NR	0
<b><i>State and tribal voluntary cleanup sites</i></b>								
INDIAN VCP		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0
<b><i>State and tribal Brownfields sites</i></b>								
ERP		0.500	0	0	0	NR	NR	0
BROWNFIELDS		0.500	0	0	0	NR	NR	0
<b><u>ADDITIONAL ENVIRONMENTAL RECORDS</u></b>								
<b><i>Local Brownfield lists</i></b>								
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
<b><i>Local Lists of Landfill / Solid Waste Disposal Sites</i></b>								
DEBRIS REGION 9		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
SWRCY		0.500	0	0	0	NR	NR	0
SWTIRE		0.500	0	0	0	NR	NR	0
INDIAN ODI		0.500	0	0	0	NR	NR	0
<b><i>Local Lists of Hazardous waste / Contaminated Sites</i></b>								
US CDL	TP		NR	NR	NR	NR	NR	0
DEL SHWS		1.000	0	0	1	0	NR	1
US HIST CDL	TP		NR	NR	NR	NR	NR	0
<b><i>Local Lists of Registered Storage Tanks</i></b>								
HIST UST		0.250	3	7	NR	NR	NR	10
HIST AST	TP		NR	NR	NR	NR	NR	0
<b><i>Local Land Records</i></b>								
LIENS 2	TP		NR	NR	NR	NR	NR	0
LUCIS		0.500	0	0	0	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b>Records of Emergency Release Reports</b>								
HMIRS		TP	NR	NR	NR	NR	NR	0
NY Spills		0.125	8	NR	NR	NR	NR	8
NY Hist Spills		0.125	4	NR	NR	NR	NR	4
<b>Other Ascertainable Records</b>								
RCRA-NonGen		0.250	5	13	NR	NR	NR	18
DOT OPS		TP	NR	NR	NR	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
HIST FTTS		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
RADINFO		TP	NR	NR	NR	NR	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
HSWDS		0.500	1	0	0	NR	NR	1
UIC		TP	NR	NR	NR	NR	NR	0
MANIFEST		0.250	11	19	NR	NR	NR	30
DRYCLEANERS		0.250	0	1	NR	NR	NR	1
NPDES		TP	NR	NR	NR	NR	NR	0
AIRS		TP	NR	NR	NR	NR	NR	0
E DESIGNATION	X	0.125	40	NR	NR	NR	NR	40
INDIAN RESERV		1.000	0	0	0	0	NR	0
SCRD DRYCLEANERS		0.500	0	0	0	NR	NR	0
COAL ASH EPA		0.500	0	0	0	NR	NR	0
FINANCIAL ASSURANCE		TP	NR	NR	NR	NR	NR	0
COAL ASH		0.500	0	0	0	NR	NR	0
PCB TRANSFORMER		TP	NR	NR	NR	NR	NR	0
COAL ASH DOE		TP	NR	NR	NR	NR	NR	0

### EDR PROPRIETARY RECORDS

#### **EDR Proprietary Records**

Manufactured Gas Plants		1.000	0	0	0	0	NR	0
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#### NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 70,TAXBLOCK 5300 (Continued)**

**S110670419**

Basement Type Grade: 5  
Land Assessed Value: 00000054000  
Total Assessed Value: 00000061650  
Land Exempt Value: 00000000000  
Total Exempt Value: 00000000000  
Year Built: 1931  
Year Built Code: E  
Year Altered1: 0000  
Year Altered2: 0000  
Historic District Name: Not reported  
Landmark Name: Not reported  
Built Floor Area Ratio-Far: 0000.17  
Maximum Allowable Far: 02.00  
Borough Code: 3  
Borough Tax Block And Lot: 3053000070  
Condominium Number: 00000  
Census Tract 2: 0226  
X Coordinate: 0988440  
Y Coordinate: 0172771  
Zoning Map: 22C  
Sanborn Map: 306A059  
Tax Map: 31606  
E Designation No: Not reported  
Date of RPAD Data: 11/2005  
Date of DCAS Data: 01/2006  
Date of Zoning Data: 11/2005  
Date of Major Property Data: 11/2005  
Date of Landmark Data: 12/2005  
Date of Base Map Data: 01/2006  
Date of Mass Appraisal Data: 11/2005  
Date of Political and Adm Data: 08/2005  
Pluto-Base Map Indicator: 1

Tax Lot(s): 70  
E-No: E-252  
Effective Date: 10/27/2010  
Satisfaction Date: Not reported  
Ceqr Number: 10DCP029k  
Ulurp Number: 100345zmk  
Zoning Map No: 22c  
Description: Hazardous Materials\* Phase I and Phase II Testing Protocol  
Borough Code: BK  
Community District: 312  
Census Tract: 226  
Census Block: 1007  
School District: 15  
City Council District: 39  
Fire Company: L148  
Health Area: 39  
Police Precinct: 066  
Zone District 1: M2-1  
Zone District 2: Not reported  
Commercial Overlay1: Not reported  
Commercial Overlay2: Not reported  
Special Purpose District1: Not reported  
Special Purpose District2: Not reported  
All Components1: M2-1

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 70,TAXBLOCK 5300 (Continued)**

**S110670419**

All Components2: Not reported  
Split Boundary Indicator: N  
Building Class: Z9  
Land Use Category: Not reported  
Number of Easements: 0  
Owner, Type of Code: Not reported  
Owner Name: ARSOL REALTY CORP C/O  
Lot Area: 000006013  
Total Building Floor Area: 00000001000  
Commercial Floor Area: 00000001000  
Office Floor Area: 00000000000  
Retail Floor Area: 00000000000  
Garage Floor Area: 00000000000  
Storage Floor Area: 00000000000  
Factory Floor Area: 00000000000  
Other Floor Area: 00000001000  
Floor Area,Total Bld Source Code7  
Number of Buildings: 00001  
Number of Floors: 001.00  
Residential Units: 00000  
Non and Residential Units: 00000  
Lot Frontage: 0040.00  
Lot Depth: 0150.33  
Building Frontage: 0025.00  
Building Depth: 0040.00  
Proximity Code: 0  
Irregular Lot Code: N  
Lot Type: 5  
Basement Type Grade: 5  
Land Assessed Value: 00000054000  
Total Assessed Value: 00000061650  
Land Exempt Value: 00000000000  
Total Exempt Value: 00000000000  
Year Built: 1931  
Year Built Code: E  
Year Altered1: 0000  
Year Altered2: 0000  
Historic District Name: Not reported  
Landmark Name: Not reported  
Built Floor Area Ratio-Far: 0000.17  
Maximum Allowable Far: 02.00  
Borough Code: 3  
Borough Tax Block And Lot: 3053000070  
Condominium Number: 00000  
Census Tract 2: 0226  
X Coordinate: 0988440  
Y Coordinate: 0172771  
Zoning Map: 22C  
Sanborn Map: 306A059  
Tax Map: 31606  
E Designation No: Not reported  
Date of RPAD Data: 11/2005  
Date of DCAS Data: 01/2006  
Date of Zoning Data: 11/2005  
Date of Major Property Data: 11/2005  
Date of Landmark Data: 12/2005  
Date of Base Map Data: 01/2006

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 70,TAXBLOCK 5300 (Continued)**

**S110670419**

Date of Mass Appraisal Data: 11/2005  
Date of Political and Adm Data: 08/2005  
Pluto-Base Map Indicator: 1

**A2** **LOT 8,TAXBLOCK 5300**  
**Target** **1309 38 STREET**  
**Property** **BROOKLYN, NY 11218**

**SWF/LF** **S108146036**  
**E DESIGNATION** **N/A**

**Site 2 of 7 in cluster A**

**Actual:**  
**58 ft.**

SWF/LF:  
Flag: INACTIVE  
Region Code: 2  
Phone Number: Not reported  
Owner Name: Not reported  
Owner Type: Not reported  
Owner Address: Not reported  
Owner Addr2: Not reported  
Owner City,St,Zip: Not reported  
Owner Email: Not reported  
Owner Phone: Not reported  
Contact Name: Not reported  
Contact Address: Not reported  
Contact Addr2: Not reported  
Contact City,St,Zip: Not reported  
Contact Email: Not reported  
Contact Phone: Not reported  
Activity Desc: Vehicle Dismantling  
Activity Number: Not reported  
Active: No  
East Coordinate: 585811  
North Coordinate: 4499391  
Accuracy Code: Not reported  
Regulatory Status: Not reported  
Waste Type: Not reported  
Authorization #: None  
Authorization Date: Not reported  
Expiration Date: Not reported

**E DESIGNATION:**

Tax Lot(s): 8  
E-No: E-252  
Effective Date: 10/27/2010  
Satisfaction Date: Not reported  
Ceqr Number: 10DCP029k  
Ulurp Number: 100345zmk  
Zoning Map No: 22c  
Description: Air Quality - HVAC fuel limited to natural gas  
Borough Code: BK  
Community District: 312  
Census Tract: 226  
Census Block: 1007  
School District: 15  
City Council District: 39  
Fire Company: L148  
Health Area: 39  
Police Precinct: 066

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 8,TAXBLOCK 5300 (Continued)**

**S108146036**

Zone District 1: M2-1  
Zone District 2: Not reported  
Commercial Overlay1: Not reported  
Commercial Overlay2: Not reported  
Special Purpose District1: Not reported  
Special Purpose District2: Not reported  
All Components1: M2-1  
All Components2: Not reported  
Split Boundary Indicator: N  
Building Class: Z9  
Land Use Category: Not reported  
Number of Easements: 0  
Owner, Type of Code: Not reported  
Owner Name: ARSOL REALTY CORP C/O  
Lot Area: 000006013  
Total Building Floor Area: 00000003500  
Commercial Floor Area: 00000003500  
Office Floor Area: 00000000000  
Retail Floor Area: 00000000000  
Garage Floor Area: 00000000000  
Storage Floor Area: 00000000000  
Factory Floor Area: 00000000000  
Other Floor Area: 00000003500  
Floor Area,Total Bld Source Code7  
Number of Buildings: 00001  
Number of Floors: 001.00  
Residential Units: 00000  
Non and Residential Units: 00001  
Lot Frontage: 0040.00  
Lot Depth: 0150.33  
Building Frontage: 0025.00  
Building Depth: 0140.00  
Proximity Code: 0  
Irregular Lot Code: N  
Lot Type: 5  
Basement Type Grade: 5  
Land Assessed Value: 00000056250  
Total Assessed Value: 00000065250  
Land Exempt Value: 00000000000  
Total Exempt Value: 00000000000  
Year Built: 1931  
Year Built Code: E  
Year Altered1: 0000  
Year Altered2: 0000  
Historic District Name: Not reported  
Landmark Name: Not reported  
Built Floor Area Ratio-Far: 0000.58  
Maximum Allowable Far: 02.00  
Borough Code: 3  
Borough Tax Block And Lot: 3053000008  
Condominium Number: 00000  
Census Tract 2: 0226  
X Coordinate: 0988388  
Y Coordinate: 0172865  
Zoning Map: 22C  
Sanborn Map: 306A059  
Tax Map: 31606

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 8, TAXBLOCK 5300 (Continued)**

**S108146036**

E Designation No: Not reported  
Date of RPAD Data: 11/2005  
Date of DCAS Data: 01/2006  
Date of Zoning Data: 11/2005  
Date of Major Property Data: 11/2005  
Date of Landmark Data: 12/2005  
Date of Base Map Data: 01/2006  
Date of Mass Appraisal Data: 11/2005  
Date of Political and Adm Data: 08/2005  
Pluto-Base Map Indicator: 1

Tax Lot(s): 8  
E-No: E-252  
Effective Date: 10/27/2010  
Satisfaction Date: Not reported  
Ceqr Number: 10DCP029k  
Ulurp Number: 100345zmk  
Zoning Map No: 22c  
Description: Hazardous Materials\* Phase I and Phase II Testing Protocol  
Borough Code: BK  
Community District: 312  
Census Tract: 226  
Census Block: 1007  
School District: 15  
City Council District: 39  
Fire Company: L148  
Health Area: 39  
Police Precinct: 066  
Zone District 1: M2-1  
Zone District 2: Not reported  
Commercial Overlay1: Not reported  
Commercial Overlay2: Not reported  
Special Purpose District1: Not reported  
Special Purpose District2: Not reported  
All Components1: M2-1  
All Components2: Not reported  
Split Boundary Indicator: N  
Building Class: Z9  
Land Use Category: Not reported  
Number of Easements: 0  
Owner, Type of Code: Not reported  
Owner Name: ARSOL REALTY CORP C/O  
Lot Area: 000006013  
Total Building Floor Area: 00000003500  
Commercial Floor Area: 00000003500  
Office Floor Area: 00000000000  
Retail Floor Area: 00000000000  
Garage Floor Area: 00000000000  
Storage Floor Area: 00000000000  
Factory Floor Area: 00000000000  
Other Floor Area: 00000003500  
Floor Area, Total Bld Source Code7  
Number of Buildings: 00001  
Number of Floors: 001.00  
Residential Units: 00000  
Non and Residential Units: 00001  
Lot Frontage: 0040.00

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**LOT 8, TAXBLOCK 5300 (Continued)**

**S108146036**

Lot Depth: 0150.33  
 Building Frontage: 0025.00  
 Building Depth: 0140.00  
 Proximity Code: 0  
 Irregular Lot Code: N  
 Lot Type: 5  
 Basement Type Grade: 5  
 Land Assessed Value: 00000056250  
 Total Assessed Value: 00000065250  
 Land Exempt Value: 00000000000  
 Total Exempt Value: 00000000000  
 Year Built: 1931  
 Year Built Code: E  
 Year Altered1: 0000  
 Year Altered2: 0000  
 Historic District Name: Not reported  
 Landmark Name: Not reported  
 Built Floor Area Ratio-Far: 0000.58  
 Maximum Allowable Far: 02.00  
 Borough Code: 3  
 Borough Tax Block And Lot: 3053000008  
 Condominium Number: 00000  
 Census Tract 2: 0226  
 X Coordinate: 0988388  
 Y Coordinate: 0172865  
 Zoning Map: 22C  
 Sanborn Map: 306A059  
 Tax Map: 31606  
 E Designation No: Not reported  
 Date of RPAD Data: 11/2005  
 Date of DCAS Data: 01/2006  
 Date of Zoning Data: 11/2005  
 Date of Major Property Data: 11/2005  
 Date of Landmark Data: 12/2005  
 Date of Base Map Data: 01/2006  
 Date of Mass Appraisal Data: 11/2005  
 Date of Political and Adm Data: 08/2005  
 Pluto-Base Map Indicator: 1

**A3**  
**SSE**  
**< 1/8**  
**0.006 mi.**  
**33 ft.**

**ASARD REALTY**  
**1310 38TH STREET**  
**BROOKLYN, NY 11218**  
**Site 3 of 7 in cluster A**

**UST U003790825**  
**HIST UST N/A**

**Relative:**  
**Equal**  
  
**Actual:**  
**58 ft.**

UST:  
 Facility Id: 2-605848  
 Region: STATE  
 DEC Region: 2  
 Site Status: Unregulated  
 Program Type: PBS  
 Expiration Date: N/A  
 UTM X: 585814.74835000001  
 UTM Y: 4499385.9976599999  
  
 Affiliation Records:  
 Site Id: 27715  
 Affiliation Type: Owner

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ASARD REALTY (Continued)**

**U003790825**

Company Name: ASARD REALTY - STANLEY LEVINE  
Contact Type: Not reported  
Contact Name: Not reported  
Address1: 1310 38TH STREET  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11218  
Country Code: 001  
Phone: (718) 436-4883  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 27715  
Affiliation Type: Mail Contact  
Company Name: ASARD REALTY  
Contact Type: Not reported  
Contact Name: STANLEY LEVINE  
Address1: 1310 38TH STREET  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11218  
Country Code: 001  
Phone: (718) 436-4883  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 27715  
Affiliation Type: Emergency Contact  
Company Name: ASARD REALTY - STANLEY LEVINE  
Contact Type: Not reported  
Contact Name: STANLEY LEVINE  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 436-4883  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 27715  
Affiliation Type: On-Site Operator  
Company Name: ASARD REALTY  
Contact Type: Not reported  
Contact Name: STANLEY LEVINE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ASARD REALTY (Continued)**

**U003790825**

Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 436-4883  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Tank Info:

Site ID: 27715

Tank Number: 001  
Tank ID: 60569  
Tank Status: Closed - Removed  
Tank Model: Not reported  
Pipe Model: Not reported  
Install Date: Not reported  
Capacity Gallons: 550  
Tightness Test Method: NN  
Next Test Date: Not reported  
Date Tank Closed: 4/24/2001  
Tank Location: 5  
Tank Type: Steel/carbon steel  
Date Test: Not reported  
Register: True  
Modified By: TRANSLAT  
Last Modified: 3/4/2004

Site ID: 27715

Tank Number: 002  
Tank ID: 60570  
Tank Status: Closed - Removed  
Tank Model: Not reported  
Pipe Model: Not reported  
Install Date: Not reported  
Capacity Gallons: 1000  
Tightness Test Method: NN  
Next Test Date: Not reported  
Date Tank Closed: 4/24/2001  
Tank Location: 5  
Tank Type: Steel/carbon steel  
Date Test: Not reported  
Register: True  
Modified By: TRANSLAT  
Last Modified: 3/4/2004

HIST UST:

PBS Number: 2-605848  
SPDES Number: Not reported  
Emergency Contact: STANLEY LEVINE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ASARD REALTY (Continued)**

**U003790825**

Emergency Telephone: (718) 436-4883  
Operator: STANLEY LEVINE  
Operator Telephone: (718) 436-4883  
Owner Name: ASARD REALTY - STANLEY LEVINE  
Owner Address: 1310 38TH STREET  
Owner City,St,Zip: BROOKLYN, NY 11218  
Owner Telephone: (718) 436-4883  
Owner Type: Corporate/Commercial  
Owner Subtype: Not reported  
Mailing Name: ASARD REALTY  
Mailing Address: 1310 38TH STREET  
Mailing Address 2: Not reported  
Mailing City,St,Zip: BROOKLYN, NY 11218  
Mailing Contact: STANLEY LEVINE  
Mailing Telephone: (718) 436-4883  
Owner Mark: First Owner  
Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.  
Facility Addr2: Not reported  
SWIS ID: 6101  
Old PBS Number: Not reported  
Facility Type: OTHER  
Inspected Date: Not reported  
Inspector: Not reported  
Inspection Result: Not reported  
Federal ID: Not reported  
Certification Flag: False  
Certification Date: Not reported  
Expiration Date: 05/08/2006  
Renew Flag: False  
Renewal Date: Not reported  
Total Capacity: 0  
FAMT: True  
Facility Screen: No Missing Data  
Owner Screen: No Missing Data  
Tank Screen: 0  
Dead Letter: False  
CBS Number: Not reported  
Town or City: NEW YORK CITY  
County Code: 61  
Town or City: 01  
Region: 2  
  
Tank Id: 001  
Tank Location: UNDERGROUND  
Tank Status: Closed-Removed  
Install Date: Not reported  
Capacity (gals): 550  
Product Stored: UNLEADED GASOLINE  
Tank Type: Steel/carbon steel  
Tank Internal: Not reported  
Tank External: Not reported  
Pipe Location: Underground  
Pipe Type: STEEL/IRON  
Pipe Internal: Not reported  
Pipe External: Not reported  
Second Containment: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ASARD REALTY (Continued)**

**U003790825**

Leak Detection: Not reported  
Overfill Prot: Not reported  
Dispenser: Not reported  
Date Tested: Not reported  
Next Test Date: Not reported  
Missing Data for Tank: Minor Data Missing  
Date Closed: 04/24/2001  
Test Method: Not reported  
Deleted: False  
Updated: True  
Lat/long: Not reported

Tank Id: 002  
Tank Location: UNDERGROUND  
Tank Status: Closed-Removed  
Install Date: Not reported  
Capacity (gals): 1000  
Product Stored: UNLEADED GASOLINE  
Tank Type: Steel/carbon steel  
Tank Internal: Not reported  
Tank External: Not reported  
Pipe Location: Underground  
Pipe Type: STEEL/IRON  
Pipe Internal: Not reported  
Pipe External: Not reported  
Second Containment: Not reported  
Leak Detection: Not reported  
Overfill Prot: Not reported  
Dispenser: Not reported  
Date Tested: Not reported  
Next Test Date: Not reported  
Missing Data for Tank: Minor Data Missing  
Date Closed: 04/24/2001  
Test Method: Not reported  
Deleted: False  
Updated: True  
Lat/long: Not reported

**A4**  
**WNW**  
**< 1/8**  
**0.013 mi.**  
**68 ft.**

**SEVEN GAL RELEASE IN MH #471 WHILE**  
**38 STREET & 13 AVENUE**  
**BROOKLYN, NY**  
**Site 4 of 7 in cluster A**

**NY Spills S108762601**  
**N/A**

**Relative:**  
**Higher**

NY Spills:  
Site ID: 384230  
Facility Addr2: REPLACING XFMR  
Facility ID: 0704138  
Spill Number: 0704138  
Facility Type: ER  
SWIS: 2401  
Investigator: gdbreen  
Referred To: Not reported  
Spill Date: 7/12/2007  
Reported to Dept: 7/12/2007  
CID: 444  
Spill Cause: Equipment Failure

**Actual:**  
**59 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SEVEN GAL RELEASE IN MH #471 WHILE (Continued)**

**S108762601**

Water Affected: Not reported  
Spill Source: Institutional, Educational, Gov., Other  
Spill Notifier: Other  
Cleanup Ceased: Not reported  
Cleanup Meets Std: False  
Last Inspection: Not reported  
Recommended Penalty: Penalty Not Recommended  
UST Trust: False  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: 8/20/2007  
Remediation Phase: 0  
Date Entered In Computer: 7/12/2007  
Spill Record Last Update: 8/20/2007  
Spiller Name: ERTSDESK  
Spiller Company: CON EDISON MH #471  
Spiller Address: 38TH STREET/13TH AVE  
Spiller City,St,Zip: BROOKLYN, NY  
Spiller Company: 999  
Contact Name: ERTSDESK  
Contact Phone: (212) 580-8383  
DEC Region: 2  
DER Facility ID: 333642  
DEC Memo: 08/20/07 - See eDocs for Con Ed report detailing cleanup and closure. 206978. see eDocs  
Remarks: CONED# 206978

Material:  
Site ID: 384230  
Operable Unit ID: 1141540  
Operable Unit: 01  
Material ID: 2131752  
Material Code: 0541A  
Material Name: DIELECTRIC FLUID  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 7  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:  
Site ID: Not reported  
Spill Tank Test: Not reported  
Tank Number: Not reported  
Tank Size: Not reported  
Test Method: Not reported  
Leak Rate: Not reported  
Gross Fail: Not reported  
Modified By: Not reported  
Last Modified: Not reported  
Test Method: Not reported

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**A5**  
**WNW**  
**< 1/8**  
**0.013 mi.**  
**68 ft.**

**CONSOLIDATED EDISON**  
**38TH ST. AND 13TH AVE.**  
**BROOKLYN, NY 11201**

**MANIFEST S108650549**  
**N/A**

**Site 5 of 7 in cluster A**

**Relative:**  
**Higher**

NY MANIFEST:

**Actual:**  
**59 ft.**

EPA ID: NYP004151684  
 Country: USA  
 Mailing Name: CONSOLIDATED EDISON  
 Mailing Contact: FRANKLIN MURRAY  
 Mailing Address: 4 IRVING PLACE RM 828  
 Mailing Address 2: Not reported  
 Mailing City: NEW YORK  
 Mailing State: NY  
 Mailing Zip: 10003  
 Mailing Zip4: Not reported  
 Mailing Country: USA  
 Mailing Phone: 212-460-2808

Document ID: Not reported  
 Manifest Status: Not reported  
 Trans1 State ID: NYD006982359  
 Trans2 State ID: Not reported  
 Generator Ship Date: 2007-07-12  
 Trans1 Recv Date: 2007-07-12  
 Trans2 Recv Date: Not reported  
 TSD Site Recv Date: 2007-07-16  
 Part A Recv Date: Not reported  
 Part B Recv Date: Not reported  
 Generator EPA ID: NYP004151684  
 Trans1 EPA ID: Not reported  
 Trans2 EPA ID: Not reported  
 TSD ID: NYD077444263  
 Waste Code: Not reported  
 Quantity: 1239.0  
 Units: K - Kilograms (2.2 pounds)  
 Number of Containers: 7.0  
 Container Type: DM - Metal drums, barrels  
 Handling Method: L Landfill.  
 Specific Gravity: 1.0  
 Year: 07  
 Manifest Tracking Num: 001450296FLE  
 Import Ind: N  
 Export Ind: N  
 Discr Quantity Ind: N  
 Discr Type Ind: Y  
 Discr Residue Ind: N  
 Discr Partial Reject Ind: N  
 Discr Full Reject Ind: N  
 Manifest Ref Num: Not reported  
 Alt Fac RCRA Id: Not reported  
 Alt Fac Sign Date: Not reported  
 Mgmt Method Type Code: H141

Document ID: Not reported  
 Manifest Status: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CONSOLIDATED EDISON (Continued)**

**S108650549**

Trans1 State ID: NYD006982359  
Trans2 State ID: Not reported  
Generator Ship Date: 2007-07-12  
Trans1 Recv Date: 2007-07-12  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 2007-07-16  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYP004151684  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: NYD077444263  
Waste Code: Not reported  
Quantity: 555.0  
Units: K - Kilograms (2.2 pounds)  
Number of Containers: 3.0  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 1.0  
Year: 07  
Manifest Tracking Num: 001450296FLE  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: Y  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H141

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: NYD006982359  
Trans2 State ID: Not reported  
Generator Ship Date: 7/12/2007  
Trans1 Recv Date: 7/12/2007  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 7/16/2007  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYP004151684  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: NYD077444263  
Waste Code: Not reported  
Quantity: 1239  
Units: K - Kilograms (2.2 pounds)  
Number of Containers: 7  
Container Type: DM - Metal drums, barrels  
Handling Method: L Landfill.  
Specific Gravity: 1  
Year: 07  
Manifest Tracking Num: 001450296FLE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CONSOLIDATED EDISON (Continued)**

**S108650549**

Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: Y  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H141

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: NYD006982359  
Trans2 State ID: Not reported  
Generator Ship Date: 7/12/2007  
Trans1 Recv Date: 7/12/2007  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 7/16/2007  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYP004151684  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: NYD077444263  
Waste Code: Not reported  
Quantity: 555  
Units: K - Kilograms (2.2 pounds)  
Number of Containers: 3  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 1  
Year: 07  
Manifest Tracking Num: 001450296FLE  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: Y  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H141

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**A6**  
**WNW**  
**< 1/8**  
**0.015 mi.**  
**77 ft.**

**LOT 36,TAXBLOCK 5294**  
**3804 13 AVENUE**  
**BROOKLYN, NY 11218**  
**Site 6 of 7 in cluster A**

**E DESIGNATION**    **S110670291**  
**N/A**

**Relative:**  
**Higher**

**E DESIGNATION:**  
 Tax Lot(s): 36  
 E-No: E-252  
 Effective Date: 10/27/2010  
 Satisfaction Date: Not reported  
 Ceqr Number: 10DCP029k  
 Ulurp Number: 100345zmk  
 Zoning Map No: 22c  
 Description: Air Quality - HVAC fuel limited to natural gas  
 Borough Code: BK  
 Community District: 312  
 Census Tract: 226  
 Census Block: 1005  
 School District: 15  
 City Council District: 38  
 Fire Company: E282  
 Health Area: 39  
 Police Precinct: 066  
 Zone District 1: M1-2  
 Zone District 2: Not reported  
 Commercial Overlay1: Not reported  
 Commercial Overlay2: Not reported  
 Special Purpose District1: Not reported  
 Special Purpose District2: Not reported  
 All Components1: M1-2  
 All Components2: Not reported  
 Split Boundary Indicator: N  
 Building Class: K1  
 Land Use Category: 05  
 Number of Easements: 0  
 Owner, Type of Code: Not reported  
 Owner Name: C MILLER LLC  
 Lot Area: 000005720  
 Total Building Floor Area: 00000005510  
 Commercial Floor Area: 00000005510  
 Office Floor Area: 00000000000  
 Retail Floor Area: 00000005510  
 Garage Floor Area: 00000000000  
 Storage Floor Area: 00000000000  
 Factory Floor Area: 00000000000  
 Other Floor Area: 00000000000  
 Floor Area,Total Bld Source Code7  
 Number of Buildings: 00001  
 Number of Floors: 001.00  
 Residential Units: 00000  
 Non and Residential Units: 00003  
 Lot Frontage: 0060.00  
 Lot Depth: 0095.33  
 Building Frontage: 0057.50  
 Building Depth: 0095.00  
 Proximity Code: 0  
 Irregular Lot Code: Y  
 Lot Type: 3

**Actual:**  
**59 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 36,TAXBLOCK 5294 (Continued)**

**S110670291**

Basement Type Grade: 5  
Land Assessed Value: 00000089100  
Total Assessed Value: 00000244800  
Land Exempt Value: 00000000000  
Total Exempt Value: 00000000000  
Year Built: 1920  
Year Built Code: E  
Year Altered1: 0000  
Year Altered2: 0000  
Historic District Name: Not reported  
Landmark Name: Not reported  
Built Floor Area Ratio-Far: 0000.96  
Maximum Allowable Far: 02.00  
Borough Code: 3  
Borough Tax Block And Lot: 3052940036  
Condominium Number: 00000  
Census Tract 2: 0226  
X Coordinate: 0988108  
Y Coordinate: 0172857  
Zoning Map: 22C  
Sanborn Map: 306A056  
Tax Map: 31606  
E Designation No: Not reported  
Date of RPAD Data: 11/2005  
Date of DCAS Data: 01/2006  
Date of Zoning Data: 11/2005  
Date of Major Property Data: 11/2005  
Date of Landmark Data: 12/2005  
Date of Base Map Data: 01/2006  
Date of Mass Appraisal Data: 11/2005  
Date of Political and Adm Data: 08/2005  
Pluto-Base Map Indicator: 1

Tax Lot(s): 36  
E-No: E-252  
Effective Date: 10/27/2010  
Satisfaction Date: Not reported  
Ceqr Number: 10DCP029k  
Ulurp Number: 100345zmk  
Zoning Map No: 22c  
Description: Hazardous Materials\* Phase I and Phase II Testing Protocol  
Borough Code: BK  
Community District: 312  
Census Tract: 226  
Census Block: 1005  
School District: 15  
City Council District: 38  
Fire Company: E282  
Health Area: 39  
Police Precinct: 066  
Zone District 1: M1-2  
Zone District 2: Not reported  
Commercial Overlay1: Not reported  
Commercial Overlay2: Not reported  
Special Purpose District1: Not reported  
Special Purpose District2: Not reported  
All Components1: M1-2

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 36,TAXBLOCK 5294 (Continued)**

**S110670291**

All Components2: Not reported  
Split Boundary Indicator: N  
Building Class: K1  
Land Use Category: 05  
Number of Easements: 0  
Owner, Type of Code: Not reported  
Owner Name: C MILLER LLC  
Lot Area: 000005720  
Total Building Floor Area: 00000005510  
Commercial Floor Area: 00000005510  
Office Floor Area: 00000000000  
Retail Floor Area: 00000005510  
Garage Floor Area: 00000000000  
Storage Floor Area: 00000000000  
Factory Floor Area: 00000000000  
Other Floor Area: 00000000000  
Floor Area,Total Bld Source Code7  
Number of Buildings: 00001  
Number of Floors: 001.00  
Residential Units: 00000  
Non and Residential Units: 00003  
Lot Frontage: 0060.00  
Lot Depth: 0095.33  
Building Frontage: 0057.50  
Building Depth: 0095.00  
Proximity Code: 0  
Irregular Lot Code: Y  
Lot Type: 3  
Basement Type Grade: 5  
Land Assessed Value: 00000089100  
Total Assessed Value: 00000244800  
Land Exempt Value: 00000000000  
Total Exempt Value: 00000000000  
Year Built: 1920  
Year Built Code: E  
Year Altered1: 0000  
Year Altered2: 0000  
Historic District Name: Not reported  
Landmark Name: Not reported  
Built Floor Area Ratio-Far: 0000.96  
Maximum Allowable Far: 02.00  
Borough Code: 3  
Borough Tax Block And Lot: 3052940036  
Condominium Number: 00000  
Census Tract 2: 0226  
X Coordinate: 0988108  
Y Coordinate: 0172857  
Zoning Map: 22C  
Sanborn Map: 306A056  
Tax Map: 31606  
E Designation No: Not reported  
Date of RPAD Data: 11/2005  
Date of DCAS Data: 01/2006  
Date of Zoning Data: 11/2005  
Date of Major Property Data: 11/2005  
Date of Landmark Data: 12/2005  
Date of Base Map Data: 01/2006

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**LOT 36,TAXBLOCK 5294 (Continued)**

**S110670291**

Date of Mass Appraisal Data: 11/2005  
 Date of Political and Adm Data: 08/2005  
 Pluto-Base Map Indicator: 1

**A7**  
**West**  
**< 1/8**  
**0.017 mi.**  
**88 ft.**

**LOT 39,TAXBLOCK 5294**  
**3814 13 AVENUE**  
**BROOKLYN, NY 11218**  
**Site 7 of 7 in cluster A**

**E DESIGNATION S110670307**  
**N/A**

**Relative:**  
**Higher**

**E DESIGNATION:**  
 Tax Lot(s): 39  
 E-No: E-252  
**Actual:** Effective Date: 10/27/2010  
 Satisfaction Date: Not reported  
 Ceqr Number: 10DCP029k  
 Ulurp Number: 100345zmk  
 Zoning Map No: 22c  
 Description: Hazardous Materials\* Phase I and Phase II Testing Protocol  
 Borough Code: BK  
 Community District: 312  
 Census Tract: 226  
 Census Block: 1005  
 School District: 15  
 City Council District: 38  
 Fire Company: E282  
 Health Area: 39  
 Police Precinct: 066  
 Zone District 1: M1-2  
 Zone District 2: Not reported  
 Commercial Overlay1: Not reported  
 Commercial Overlay2: Not reported  
 Special Purpose District1: Not reported  
 Special Purpose District2: Not reported  
 All Components1: M1-2  
 All Components2: Not reported  
 Split Boundary Indicator: N  
 Building Class: S9  
 Land Use Category: 04  
 Number of Easements: 0  
 Owner, Type of Code: P  
 Owner Name: YOLA REALTY LLC  
 Lot Area: 000004300  
 Total Building Floor Area: 00000004180  
 Commercial Floor Area: 00000001969  
 Office Floor Area: 00000000000  
 Retail Floor Area: 00000001969  
 Garage Floor Area: 00000000000  
 Storage Floor Area: 00000000000  
 Factory Floor Area: 00000000000  
 Other Floor Area: 00000000000  
 Floor Area,Total Bld Source Code7  
 Number of Buildings: 00002  
 Number of Floors: 003.00  
 Residential Units: 00002  
 Non and Residential Units: 00004  
 Lot Frontage: 0035.83  
 Lot Depth: 0120.00

**Actual:**  
**59 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SASHA'S AUTO SALES & BODY REPAIRS INC (Continued)**

**A100349529**

Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 258-0084  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: NRLOMBAR  
Date Last Modified: 3/16/2010

Site Id: 426057  
Affiliation Type: On-Site Operator  
Company Name: SASHAS AUTO SALES & BODY REPAIRS INC  
Contact Type: Not reported  
Contact Name: ALEKSANDR MUSHAILOV  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 686-9494  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: NRLOMBAR  
Date Last Modified: 3/16/2010

Site Id: 426057  
Affiliation Type: Mail Contact  
Company Name: SASHAS AUTO SALES & BODY REPAIRS INC  
Contact Type: Not reported  
Contact Name: ALEKSANDR MUSHAILOV  
Address1: 3414 14TH AVENUE  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11218  
Country Code: 001  
Phone: (718) 258-0084  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: NRLOMBAR  
Date Last Modified: 3/16/2010

Site Id: 426057  
Affiliation Type: Owner  
Company Name: ALEKSANDR MUSHAILOV  
Contact Type: Not reported  
Contact Name: Not reported  
Address1: 1554 E. 32ND ST  
Address2: Not reported  
City: BROOKLYN  
State: NY

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SASHA'S AUTO SALES & BODY REPAIRS INC (Continued)**

**A100349529**

Zip Code: 11234  
Country Code: 001  
Phone: (718) 686-9494  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: NRLOMBAR  
Date Last Modified: 3/16/2010

Tank Info:

Tank Number: 001  
Tank Id: 233370  
Tank Location: 3  
Tank Type: Steel/Carbon Steel/Iron  
Tank Status: In Service  
Tank Model: Not reported  
Pipe Model: Not reported  
Install Date: 1/1/1989  
Capacity Gallons: 275  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: Not reported  
Register: True  
Modified By: NRLOMBAR  
Last Modified: 4/1/2010

106  
SW  
1/8-1/4  
0.199 mi.  
1052 ft.

**CONSOLIDATED EDISON**  
**42 ST & 13 AVE V470**  
**BROOKLYN, NY 11201**

**MANIFEST 1009242792**  
**N/A**

**Relative:**  
**Higher**

NY MANIFEST:  
EPA ID: NYP004120515  
Country: USA  
Mailing Name: CONSOLIDATED EDISON  
Mailing Contact: FRANKLIN MURRAY  
Mailing Address: 4 IRVING PLACE RM 828  
Mailing Address 2: Not reported  
Mailing City: NEW YORK  
Mailing State: NY  
Mailing Zip: 10003  
Mailing Zip4: Not reported  
Mailing Country: USA  
Mailing Phone: 212-460-2808

**Actual:**  
**62 ft.**

Document ID: NYE0632547  
Manifest Status: Not reported  
Trans1 State ID: 46110JM  
Trans2 State ID: Not reported  
Generator Ship Date: 05/14/2004  
Trans1 Recv Date: 05/14/2004  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 05/14/2004

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**CONSOLIDATED EDISON (Continued)**

**1009242792**

Part A Recv Date: Not reported  
 Part B Recv Date: Not reported  
 Generator EPA ID: NYP004120515  
 Trans1 EPA ID: NYD006982359  
 Trans2 EPA ID: Not reported  
 TSDF ID: NYD980593  
 Waste Code: B002 - PETROLEUM OIL WITH 50 BUT < 500 PPM PCB  
 Quantity: 00364  
 Units: K - Kilograms (2.2 pounds)  
 Number of Containers: 001  
 Container Type: TT - Cargo tank, tank trucks  
 Handling Method: T Chemical, physical, or biological treatment.  
 Specific Gravity: 01.00  
 Year: 04

**AA107**  
**South**  
**1/8-1/4**  
**0.203 mi.**  
**1070 ft.**

**4101 14TH AVE/NY TEL**  
**4101 14TH AVE**  
**BKLYN, NY**  
**Site 1 of 4 in cluster AA**

**LTANKS** **S100177495**  
**HIST LTANKS** **N/A**

**Relative:**  
**Lower**

**LTANKS:**  
 Site ID: 261113  
 Spill No: 9110088  
 Spill Date: 12/3/1991  
 Spill Cause: Tank Test Failure  
 Spill Source: Commercial/Industrial  
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
 Spill Closed Dt: 3/30/1995  
 Facility Addr2: Not reported  
 Cleanup Ceased: 3/30/1995  
 Cleanup Meets Standard: True  
 SWIS: 2401  
 Investigator: KSTANG  
 Referred To: Not reported  
 Reported to Dept: 12/23/1991  
 CID: Not reported  
 Water Affected: Not reported  
 Spill Notifier: Tank Tester  
 Last Inspection: Not reported  
 Recommended Penalty: Penalty Not Recommended  
 UST Involvement: False  
 Remediation Phase: 0  
 Date Entered In Computer: 1/6/1992  
 Spill Record Last Update: 3/30/1995  
 Spiller Name: Not reported  
 Spiller Company: Not reported  
 Spiller Address: Not reported  
 Spiller City,St,Zip: \*\*\*Update\*\*\*, ZZ  
 Spiller County: 001  
 Spiller Contact: Not reported  
 Spiller Phone: Not reported  
 Spiller Extention: Not reported  
 DEC Region: 2  
 DER Facility ID: 112994  
 Remarks: VISIBLE LEAK AT MANWAY GASKET. REPAIR & RETEST.

**Actual:**  
**55 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

4101 14TH AVE/NY TEL (Continued)

S100177495

Material:

Site ID: 261113  
Operable Unit ID: 963738  
Operable Unit: 01  
Material ID: 418658  
Material Code: 0012  
Material Name: Kerosene (#1 Fuel Oil)  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: -1  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Site ID: 261113  
Spill Tank Test: 1539459  
Tank Number: Not reported  
Tank Size: 0  
Test Method: 00  
Leak Rate: 0  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified: 10/1/2004  
Test Method: Unknown

HIST LTANKS:

Region of Spill: 2  
Spill Number: 9110088  
Spill Date: 12/03/1991  
Spill Time: 11:00  
Spill Cause: Tank Test Failure  
Resource Affectd: On Land  
Water Affected: Not reported  
Spill Source: Other Commercial/Industrial  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: 03/30/95  
Cleanup Ceased: 03/30/95  
Cleanup Meets Standard: True  
Investigator: TANG  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Reported to Department Date: 12/23/91  
Reported to Department Time: 12:05  
SWIS: 61  
Spiller Contact: Not reported  
Spiller Phone: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

4101 14TH AVE/NY TEL (Continued)

S100177495

Spiller Extention: Not reported  
Spiller Name: Not reported  
Spiller Address: Not reported  
Spiller City,St,Zip: Not reported  
Spiller Cleanup Date: / /  
Facility Contact: Not reported  
Facility Phone: Not reported  
Facility Extention: Not reported  
Spill Notifier: Tank Tester  
PBS Number: Not reported  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: False  
Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 01/06/92  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: 03/30/95  
Is Updated: False

Tank:

PBS Number: Not reported  
Tank Number: Not reported  
Tank Size: 0  
Test Method: Not reported  
Leak Rate Failed Tank: 0.00  
Gross Leak Rate: Not reported

Material:

Material Class Type: Petroleum  
Quantity Spilled: -1  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: KEROSENE  
Class Type: KEROSENE  
Times Material Entry In File: 2052  
CAS Number: Not reported  
Last Date: 19940929  
DEC Remarks: Not reported  
Spill Cause: VISIBLE LEAK AT MANWAY GASKET. REPAIR RETEST.

AA108  
South  
1/8-1/4  
0.204 mi.  
1075 ft.

NYNEX MATRILA ENTERPRISE CO.  
4101 14TH AVE  
BROOKLYN, NY 11219  
Site 2 of 4 in cluster AA

MANIFEST S109784885  
N/A

Relative:  
Lower

CT MANIFEST:

Waste:

Actual:  
55 ft.

Manifest No: CTC0286785  
Waste Occurence: 1  
UNNA: 1759  
Hazard Class: CORROSIVE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NYNEX MATRILA ENTERPRISE CO. (Continued)**

**S109784885**

US Dot Description: WASTE CORROSIVE SOLID, NOS  
No of Containers: 002  
Container Type: DM  
Quantity: 200  
Weight/Volume: P  
Additional Description: Y  
Handling Code: S01  
Date Record Was Last Modified: 4/27/2004  
DEO Who Last Modified Record: IG

Waste CD:

Manifest No: CTC0286785  
Waste Occurrence: 1  
EPA Waste Code: D002  
Recycled Waste?: F  
Date Record Was Last Modified: 4/27/2004  
DEO Who Last Modified Record: IG

Detail:

Year: 1990  
Manifest ID: CTC0286785  
TSDf EPA ID: CTD072138969  
TSDf Name: ENVIRONMENTAL WASTE RESOURCES, INC.  
TSDf Address: 130 FREIGHT STREET  
TSDf City,St,Zip: WATERBURY, CT 06702  
TSDf Country: USA  
TSDf Telephone: Not reported  
Transport Date: 1/10/1990  
Transporter EPA ID: CTD982194946  
Transporter Name: AMERICAN ENVIRONMENTAL TECHNOLOGY  
Transporter Country: USA  
Transporter Phone: Not reported  
Trans 2 Date: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
Trans 2 Address: Not reported  
Trans 2 City,St,Zip: CT  
Trans 2 Country: USA  
Trans 2 Phone: Not reported  
EPA ID: NYD986885226  
Generator Phone: 2125027822  
Generator Mailing Addr: 441 NINTH AVENUE  
Generator Mailing Town: NEW YORK  
Generator Mailing State: NY  
Generator Mailing Zip: 10001  
Generator Mailing Country: USA  
Special Handling: Yes  
Discrepancies: No  
Date Shipped: 1/10/1990  
Date Received: 1/10/1990  
Last modified date: 4/27/2004  
Last modified by: IG  
Comments: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

AA109  
South  
1/8-1/4  
0.204 mi.  
1075 ft.

**NYNEX MATERIAL ENTERPRISES CO**  
**4101 14TH AVE**  
**BROOKLYN, NY 11219**  
**Site 3 of 4 in cluster AA**

**RCRA-NonGen** 1000225772  
**FINDS** NYD986885226  
**MANIFEST**  
**NY Spills**  
**NY Hist Spills**

**Relative:**  
**Lower**

RCRA-NonGen:

Date form received by agency: 01/01/2007  
Facility name: NYNEX MATERIAL ENTERPRISES CO  
Facility address: 4101 14TH AVE  
BROOKLYN, NY 112191402  
EPA ID: NYD986885226  
Mailing address: 9TH AVE  
NEW YORK, NY 10001  
Contact: Not reported  
Contact address: 9TH AVE  
NEW YORK, NY 10001  
Contact country: US  
Contact telephone: Not reported  
Contact email: Not reported  
EPA Region: 02  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

**Actual:**  
**55 ft.**

Owner/Operator Summary:

Owner/operator name: NEW YORK TELEPHONE CO  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, WY 99999  
Owner/operator country: US  
Owner/operator telephone: (212) 555-1212  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: NEW YORK TELEPHONE CO  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, WY 99999  
Owner/operator country: US  
Owner/operator telephone: (212) 555-1212  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler accessibility indicator: Transferred to the program or state equivalent.

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown  
Mixed waste (haz. and radioactive): Unknown  
Recycler of hazardous waste: No  
Transporter of hazardous waste: Unknown  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: Unknown  
Furnace exemption: Unknown  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NYNEX MATERIAL ENTERPRISES CO (Continued)**

**1000225772**

Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No  
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 01/01/2006  
Facility name: NYNEX MATERIAL ENTERPRISES CO  
Classification: Not a generator, verified

Date form received by agency: 07/08/1999  
Facility name: NYNEX MATERIAL ENTERPRISES CO  
Classification: Not a generator, verified

Date form received by agency: 01/04/1990  
Facility name: NYNEX MATERIAL ENTERPRISES CO  
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110004440007

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NY MANIFEST:

EPA ID: NYD986885226  
Country: USA  
Mailing Name: NYNEX  
Mailing Contact: NYNEX  
Mailing Address: 441 NINETH AVE  
Mailing Address 2: Not reported  
Mailing City: NEW YORK  
Mailing State: NY  
Mailing Zip: 10001  
Mailing Zip4: Not reported  
Mailing Country: USA  
Mailing Phone: 212-502-7822

Document ID: CTC0286785  
Manifest Status: Completed copy  
Trans1 State ID: H10202  
Trans2 State ID: Not reported  
Generator Ship Date: 900110  
Trans1 Recv Date: 900110  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 900110

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NYNEX MATERIAL ENTERPRISES CO (Continued)**

**1000225772**

Part A Recv Date: 900130  
Part B Recv Date: 900123  
Generator EPA ID: NYD986885226  
Trans1 EPA ID: CTD982194946  
Trans2 EPA ID: Not reported  
TSDf ID: CTD072138969  
Waste Code: D002 - NON-LISTED CORROSIVE WASTES  
Quantity: 00200  
Units: P - Pounds  
Number of Containers: 002  
Container Type: DM - Metal drums, barrels  
Handling Method: L Landfill.  
Specific Gravity: 100  
Year: 90

**NY Spills:**

Site ID: 261114  
Facility Addr2: Not reported  
Facility ID: 9507645  
Spill Number: 9507645  
Facility Type: ER  
SWIS: 2401  
Investigator: MMMULQUE  
Referred To: Not reported  
Spill Date: 9/22/1995  
Reported to Dept: 9/22/1995  
CID: 257  
Spill Cause: Equipment Failure  
Water Affected: Not reported  
Spill Source: Commercial/Industrial  
Spill Notifier: Responsible Party  
Cleanup Ceased: Not reported  
Cleanup Meets Std: False  
Last Inspection: Not reported  
Recommended Penalty: Penalty Not Recommended  
UST Trust: False  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: 10/2/1995  
Remediation Phase: 0  
Date Entered In Computer: 9/22/1995  
Spill Record Last Update: 3/26/1996  
Spiller Name: Not reported  
Spiller Company: CASTLE OIL  
Spiller Address: Not reported  
Spiller City,St,Zip: NY  
Spiller Company: 999  
Contact Name: Not reported  
Contact Phone: (914) 345-2925  
DEC Region: 2  
DER Facility ID: 112994  
DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "MULQUEEN" New tank installation, not exactly sure of what happened, possibly an air pocket caused oil to come out of vent pipe. Spill cleaned up and tank will be monitored.

Remarks: DEFENCTIVE GAUGE CAUSING A TANK OVER FILL NOT CLEANED UP YET BUT PEOPLE ON THE WAY TO CLEAN UP

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NYNEX MATERIAL ENTERPRISES CO (Continued)**

**1000225772**

Material:

Site ID: 261114  
Operable Unit ID: 1022264  
Operable Unit: 01  
Material ID: 553750  
Material Code: 0001  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 8  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Site ID: Not reported  
Spill Tank Test: Not reported  
Tank Number: Not reported  
Tank Size: Not reported  
Test Method: Not reported  
Leak Rate: Not reported  
Gross Fail: Not reported  
Modified By: Not reported  
Last Modified: Not reported  
Test Method: Not reported

NY Hist Spills:

Region of Spill: 2  
Spill Number: 9507645  
Investigator: MULQUEEN  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Spill Date/Time: 09/22/1995 08:30  
Reported to Dept Date/Time: 09/22/95 08:53  
SWIS: 61  
Spiller Name: CASTLE OIL  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Phone: (914) 345-2925  
Spiller Address: Not reported  
Spiller City,St,Zip: Not reported  
Spill Cause: Equipment Failure  
Reported to Dept: On Land  
Water Affected: Not reported  
Spill Source: 01  
Spill Notifier: Responsible Party  
PBS Number: Not reported  
Cleanup Ceased: / /  
Cleanup Meets Std: False  
Last Inspection: / /

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NYNEX MATERIAL ENTERPRISES CO (Continued)**

**1000225772**

Recommended Penalty: Penalty Not Recommended  
Spiller Cleanup Dt: / /  
Enforcement Date: / /  
Invstgn Complete: / /  
UST Involvement: False  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: 10/02/95  
Corrective Action Plan Submitted: / /  
Date Region Sent Summary to Central Office: / /  
Date Spill Entered In Computer Data File: 09/22/95  
Date Spill Entered In Computer Data File: Not reported  
Update Date: 03/26/96  
Is Updated: False

Tank:  
PBS Number: Not reported  
Tank Number: Not reported  
Tank Size: Not reported  
Test Method: Not reported  
Leak Rate Failed Tank: Not reported  
Gross Leak Rate: Not reported

Material:  
Material Class Type: Petroleum  
Quantity Spilled: 8  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: #2 FUEL OIL  
Class Type: #2 FUEL OIL  
Times Material Entry In File: 24464  
CAS Number: Not reported  
Last Date: 19941207  
DEC Remarks: New tank installation, not exactly sure of what happened, possibly an air pocket caused oil to come out of vent pipe. Spill cleaned up and tank will be monitored.  
Remark: DEFENCTIVE GAUGE CAUSING A TANK OVER FILL NOT CLEANED UP YET BUT PEOPLE ON THE WAY TO CLEAN UP

**AA110**  
**South**  
**1/8-1/4**  
**0.204 mi.**  
**1075 ft.**

**BELL ATLANTIC NORTH/NYNEX**  
**4101 14TH AVENUE**  
**BROOKLYN, NY 11219**  
**Site 4 of 4 in cluster AA**

**HIST UST U003074744**  
**HIST AST N/A**

**Relative:**  
**Lower**

HIST UST:  
PBS Number: 2-344605  
SPDES Number: Not reported  
Emergency Contact: BELL ATLANTIC NORTH/NYNEX  
Emergency Telephone: (800) 386-9639  
Operator: BELL ATLANTIC NORTH/NYNEX  
Operator Telephone: (800) 339-6144  
Owner Name: BELL ALTNATIC NORTH/NYNEX  
Owner Address: 221 EAST 37TH STREET  
Owner City,St,Zip: NEW YORK, NY 10016  
Owner Telephone: (800) 339-6144  
Owner Type: Corporate/Commercial

**Actual:**  
**55 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BELL ATLANTIC NORTH/NYNEX (Continued)**

**U003074744**

Owner Subtype: New York Telephone  
Mailing Name: BELL ATLANTIC NORTH/NYNEX  
Mailing Address: 221 EAST 37TH STREET  
Mailing Address 2: 4TH FLOOR  
Mailing City,St,Zip: NEW YORK, NY 10016  
Mailing Contact: JOHN QUATRALE  
Mailing Telephone: (800) 338-6731  
Owner Mark: First Owner  
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.  
  
Facility Addr2: Not reported  
SWIS ID: 6101  
Old PBS Number: Not reported  
Facility Type: UTILITY  
Inspected Date: Not reported  
Inspector: Not reported  
Inspection Result: Not reported  
Federal ID: Not reported  
Certification Flag: False  
Certification Date: 02/09/2000  
Expiration Date: 12/14/2002  
Renew Flag: False  
Renewal Date: Not reported  
Total Capacity: 24550  
FAMT: True  
Facility Screen: No Missing Data  
Owner Screen: No Missing Data  
Tank Screen: Minor Data Missing  
Dead Letter: False  
CBS Number: Not reported  
Town or City: NEW YORK CITY  
County Code: 61  
Town or City: 01  
Region: 2  
  
Tank Id: 004  
Tank Location: UNDERGROUND  
Tank Status: Closed-Removed  
Install Date: Not reported  
Capacity (gals): 5000  
Product Stored: KEROSENE  
Tank Type: Steel/carbon steel  
Tank Internal: None  
Tank External: None  
Pipe Location: Aboveground  
Pipe Type: STEEL/IRON  
Pipe Internal: None  
Pipe External: None  
Second Containment: Double-Walled  
Leak Detection: None  
Overfill Prot: None  
Dispenser: Suction  
Date Tested: 03/01/1992  
Next Test Date: Not reported  
Missing Data for Tank: No Missing Data  
Date Closed: 06/01/1995

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BELL ATLANTIC NORTH/NYNEX (Continued)**

**U003074744**

Test Method: Petro-Tite  
Deleted: False  
Updated: True  
Lat/long: Not reported

Tank Id: 006  
Tank Location: UNDERGROUND  
Tank Status: In Service  
Install Date: 19950801  
Capacity (gals): 8000  
Product Stored: KEROSENE  
Tank Type: Fiberglass reinforced plastic [FRP]  
Tank Internal: Fiberglass Liner (FRP)  
Tank External: Fiberglass  
Pipe Location: Aboveground/Underground Combination  
Pipe Type: STAINLESS STEEL ALLOY  
Pipe Internal: None  
Pipe External: Fiberglass  
Second Containment: Vault (w/access)  
Leak Detection: 14  
Overfill Prot: High Level Alarm, Catch Basin  
Dispenser: Suction  
Date Tested: Not reported  
Next Test Date: Not reported  
Missing Data for Tank: No Missing Data  
Date Closed: Not reported  
Test Method: Not reported  
Deleted: False  
Updated: True  
Lat/long: Not reported

**HIST AST:**

PBS Number: 2-344605  
SWIS Code: 6101  
Operator: BELL ATLANTIC NORTH/NYNEX  
Facility Phone: (800) 339-6144  
Facility Addr2: Not reported  
Facility Type: UTILITY  
Emergency: BELL ATLANTIC NORTH/NYNEX  
Emergency Tel: (800) 386-9639  
Old PBSNO: Not reported  
Date Inspected: Not reported  
Inspector: Not reported  
Result of Inspection: Not reported  
Owner Name: BELL ATLANTIC NORTH/NYNEX  
Owner Address: 221 EAST 37TH STREET  
Owner City,St,Zip: NEW YORK, NY 10016  
Federal ID: Not reported  
Owner Tel: (800) 339-6144  
Owner Type: Corporate/Commercial  
Owner Subtype: T  
Mailing Contact: JOHN QUATRALE  
Mailing Name: BELL ATLANTIC NORTH/NYNEX  
Mailing Address: 221 EAST 37TH STREET  
Mailing Address 2: 4TH FLOOR  
Mailing City,St,Zip: NEW YORK, NY 10016

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BELL ATLANTIC NORTH/NYNEX (Continued)**

**U003074744**

Mailing Telephone: (800) 338-6731  
Owner Mark: First Owner  
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.

Certification Flag: False  
Certification Date: 02/09/2000  
Expiration: 12/14/2002  
Renew Flag: False  
Renew Date: Not reported  
Total Capacity: 24550  
FAMT: True  
Facility Screen: No Missing Data  
Owner Screen: No Missing Data  
Tank Screen: Minor Data Missing  
Dead Letter: False  
CBS Number: Not reported  
Town or City: NEW YORK CITY  
County Code: 61  
Town or City Code: 01  
Region: 2

Tank ID: 001  
Tank Location: ABOVEGROUND  
Tank Status: Closed-In Place  
Install Date: Not reported  
Capacity (Gal): 7000  
Product Stored: NOS 1,2, OR 4 FUEL OIL  
Tank Type: Steel/carbon steel  
Tank Internal: 0  
Tank External: 00  
Pipe Location: Aboveground  
Pipe Type: STEEL/IRON  
Pipe Internal: None  
Pipe External: 00  
Tank Containment: Double-Walled  
Leak Detection: 00  
Overfill Protection: 00  
Dispenser Method: Suction  
Date Tested: Not reported  
Next Test Date: Not reported  
Missing Data for Tank: No Missing Data  
Date Closed: 06/01/1995  
Test Method: Not reported  
Deleted: False  
Updated: True  
SPDES Number: Not reported  
Lat/Long: Not reported

Tank ID: 002  
Tank Location: ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE  
Tank Status: In Service  
Install Date: Not reported  
Capacity (Gal): 8000  
Product Stored: NOS 1,2, OR 4 FUEL OIL  
Tank Type: Steel/carbon steel

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BELL ATLANTIC NORTH/NYNEX (Continued)**

**U003074744**

Tank Internal: 0  
Tank External: 1  
Pipe Location: Aboveground  
Pipe Type: STEEL/IRON  
Pipe Internal: None  
Pipe External: 00  
Tank Containment: Diking  
Leak Detection: 14  
Overfill Protection: 26  
Dispenser Method: Suction  
Date Tested: Not reported  
Next Test Date: Not reported  
Missing Data for Tank: No Missing Data  
Date Closed: Not reported  
Test Method: Not reported  
Deleted: False  
Updated: True  
SPDES Number: Not reported  
Lat/Long: Not reported

Tank ID: 003  
Tank Location: ABOVEGROUND  
Tank Status: Closed-In Place  
Install Date: Not reported  
Capacity (Gal): 1000  
Product Stored: DIESEL  
Tank Type: Steel/carbon steel  
Tank Internal: 0  
Tank External: 00  
Pipe Location: Aboveground  
Pipe Type: STEEL/IRON  
Pipe Internal: None  
Pipe External: 00  
Tank Containment: Double-Walled  
Leak Detection: 00  
Overfill Protection: 00  
Dispenser Method: Suction  
Date Tested: Not reported  
Next Test Date: Not reported  
Missing Data for Tank: No Missing Data  
Date Closed: 06/01/1995  
Test Method: Not reported  
Deleted: False  
Updated: True  
SPDES Number: Not reported  
Lat/Long: Not reported

Tank ID: 005  
Tank Location: ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE  
Tank Status: In Service  
Install Date: 19910901  
Capacity (Gal): 8000  
Product Stored: NOS 1,2, OR 4 FUEL OIL  
Tank Type: Steel/carbon steel  
Tank Internal: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BELL ATLANTIC NORTH/NYNEX (Continued)**

**U003074744**

Tank External: 00  
Pipe Location: Aboveground  
Pipe Type: STEEL/IRON  
Pipe Internal: None  
Pipe External: 00  
Tank Containment: Diking  
Leak Detection: 14  
Overfill Protection: 26  
Dispenser Method: Suction  
Date Tested: Not reported  
Next Test Date: Not reported  
Missing Data for Tank: No Missing Data  
Date Closed: Not reported  
Test Method: Not reported  
Deleted: False  
Updated: True  
SPDES Number: Not reported  
Lat/Long: Not reported

Tank ID: 007  
Tank Location: ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE  
Tank Status: In Service  
Install Date: Not reported  
Capacity (Gal): 275  
Product Stored: KEROSENE  
Tank Type: Steel/carbon steel  
Tank Internal: 0  
Tank External: 00  
Pipe Location: None  
Pipe Type: NONE  
Pipe Internal: None  
Pipe External: 00  
Tank Containment: 08  
Leak Detection: 00  
Overfill Protection: 00  
Dispenser Method: Not reported  
Date Tested: Not reported  
Next Test Date: Not reported  
Missing Data for Tank: Minor Data Missing  
Date Closed: Not reported  
Test Method: Not reported  
Deleted: False  
Updated: True  
SPDES Number: Not reported  
Lat/Long: Not reported

Tank ID: 008  
Tank Location: ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE  
Tank Status: In Service  
Install Date: Not reported  
Capacity (Gal): 275  
Product Stored: KEROSENE  
Tank Type: Steel/carbon steel  
Tank Internal: 0  
Tank External: 00

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BELL ATLANTIC NORTH/NYNEX (Continued)**

**U003074744**

Pipe Location: None  
Pipe Type: NONE  
Pipe Internal: None  
Pipe External: 00  
Tank Containment: 08  
Leak Detection: 00  
Overfill Protection: 00  
Dispenser Method: Not reported  
Date Tested: Not reported  
Next Test Date: Not reported  
Missing Data for Tank: Minor Data Missing  
Date Closed: Not reported  
Test Method: Not reported  
Deleted: False  
Updated: True  
SPDES Number: Not reported  
Lat/Long: Not reported

111  
ESE  
1/8-1/4  
0.214 mi.  
1127 ft.

**ART SUPPLY & INSTRUMENT CO**  
**1449 37TH ST**  
**BROOKLYN, NY 11218**

**RCRA-NonGen 1000132908**  
**FINDS NYD063854517**  
**MANIFEST**

**Relative:**  
**Lower**

RCRA-NonGen:

**Actual:**  
**51 ft.**

Date form received by agency: 01/01/2007  
Facility name: ART SUPPLY & INSTRUMENT CO  
Facility address: 1449 37TH ST  
BROOKLYN, NY 11218  
EPA ID: NYD063854517  
Mailing address: 37TH ST  
BROOKLYN, NY 11218  
Contact: Not reported  
Contact address: 37TH ST  
BROOKLYN, NY 11218  
Contact country: US  
Contact telephone: Not reported  
Contact email: Not reported  
EPA Region: 02  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: L ROSENDAHL  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, WY 99999  
Owner/operator country: US  
Owner/operator telephone: (212) 555-1212  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: L ROSENDAHL  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, WY 99999  
Owner/operator country: US

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ART SUPPLY & INSTRUMENT CO (Continued)**

**1000132908**

Owner/operator telephone: (212) 555-1212  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler accessibility indicator: Transferred to the program or state equivalent.

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown  
Mixed waste (haz. and radioactive): Unknown  
Recycler of hazardous waste: No  
Transporter of hazardous waste: Unknown  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: Unknown  
Furnace exemption: Unknown  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No  
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 01/01/2006  
Facility name: ART SUPPLY & INSTRUMENT CO  
Classification: Not a generator, verified

Date form received by agency: 03/28/1995  
Facility name: ART SUPPLY & INSTRUMENT CO  
Classification: Unverified

Date form received by agency: 04/07/1988  
Facility name: ART SUPPLY & INSTRUMENT CO  
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110004363402

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NY MANIFEST:

EPA ID: NYD063854517  
Country: USA

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ART SUPPLY & INSTRUMENT CO (Continued)**

**1000132908**

Mailing Name: ART SUPPLY  
Mailing Contact: ART SUPPLY  
Mailing Address: 14-49 37TH STREET  
Mailing Address 2: Not reported  
Mailing City: BROOKLYN  
Mailing State: NY  
Mailing Zip: 11218  
Mailing Zip4: Not reported  
Mailing Country: USA  
Mailing Phone: 718-436-2711

Document ID: NYA6456879  
Manifest Status: Completed copy  
Trans1 State ID: PLATE#  
Trans2 State ID: IC1244  
Generator Ship Date: 880411  
Trans1 Recv Date: 880411  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 880411  
Part A Recv Date: 880422  
Part B Recv Date: 880429  
Generator EPA ID: NYD063854517  
Trans1 EPA ID: NYD000824334  
Trans2 EPA ID: Not reported  
TSD ID: NYD000824334  
Waste Code: F003 - UNKNOWN  
Quantity: 00055  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 88

**AB112**  
**WSW**  
**1/8-1/4**  
**0.215 mi.**  
**1134 ft.**

**1254 42ND STREET**  
**BROOKLYN, NY**  
**Site 1 of 3 in cluster AB**

**LTANKS** **S105995820**  
**N/A**

**Relative:**  
**Higher**

LTANKS:  
Site ID: 138365  
Spill No: 0201360  
Spill Date: 5/7/2002  
Spill Cause: Tank Overfill  
Spill Source: Commercial Vehicle  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: 4/21/2004  
Facility Addr2: Not reported  
Cleanup Ceased: Not reported  
Cleanup Meets Standard: False  
SWIS: 2401  
Investigator: CESAWYER  
Referred To: Not reported  
Reported to Dept: 5/7/2002  
CID: 207

**Actual:**  
**63 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

S105995820

Water Affected: Not reported  
Spill Notifier: Local Agency  
Last Inspection: Not reported  
Recommended Penalty: Penalty Not Recommended  
UST Involvement: False  
Remediation Phase: 0  
Date Entered In Computer: 5/7/2002  
Spill Record Last Update: 4/21/2004  
Spiller Name: CALLER  
Spiller Company: ABC TRANSPORT  
Spiller Address: 1 QUINBY ST  
Spiller City,St,Zip: OSSINING, NY 10562-  
Spiller County: 001  
Spiller Contact: SENZELLMAN  
Spiller Phone: (917) 769-0483  
Spiller Extention: Not reported  
DEC Region: 2  
DER Facility ID: 118311  
Remarks: FDNY on the scene - cleanup in progress

Material:

Site ID: 138365  
Operable Unit ID: 854629  
Operable Unit: 01  
Material ID: 522776  
Material Code: 0001  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 40  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Site ID: Not reported  
Spill Tank Test: Not reported  
Tank Number: Not reported  
Tank Size: Not reported  
Test Method: Not reported  
Leak Rate: Not reported  
Gross Fail: Not reported  
Modified By: Not reported  
Last Modified: Not reported  
Test Method: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number  
EPA ID Number

**AB113** **IRENE POSNER**  
**WSW** **1254 42ND ST**  
**1/8-1/4** **BROOKLYN, NY 11219**  
**0.215 mi.**  
**1134 ft.** **Site 2 of 3 in cluster AB**

**AST** **U003385574**  
**HIST AST** **N/A**

**Relative:**  
**Higher**

AST:

**Actual:**  
**63 ft.**

Region: STATE  
DEC Region: 2  
Site Status: Active  
Facility Id: 2-148512  
Program Type: PBS  
UTM X: 585509.17078000004  
UTM Y: 4499213.1086999997  
Expiration Date: 2002/08/17

Affiliation Records:

Site Id: 4430  
Affiliation Type: Owner  
Company Name: A R REALTY ASSOC  
Contact Type: Not reported  
Contact Name: Not reported  
Address1: PO BOX 100 PARKVILLE STA  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11204  
Country Code: 001  
Phone: (718) 331-2379  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 4430  
Affiliation Type: On-Site Operator  
Company Name: IRENE POSNER  
Contact Type: Not reported  
Contact Name: VOYTAK PROSTAK  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 851-0278  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 4430  
Affiliation Type: Emergency Contact  
Company Name: A R REALTY ASSOC  
Contact Type: Not reported  
Contact Name: IRENE POSNER  
Address1: Not reported  
Address2: Not reported

APPENDIX F  
HISTORICAL DOCUMENTS



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## COMPREHENSIVE ENVIRONMENTAL ASSESSMENT REPORT

1309-1319 38<sup>th</sup> Street  
Brooklyn, New York

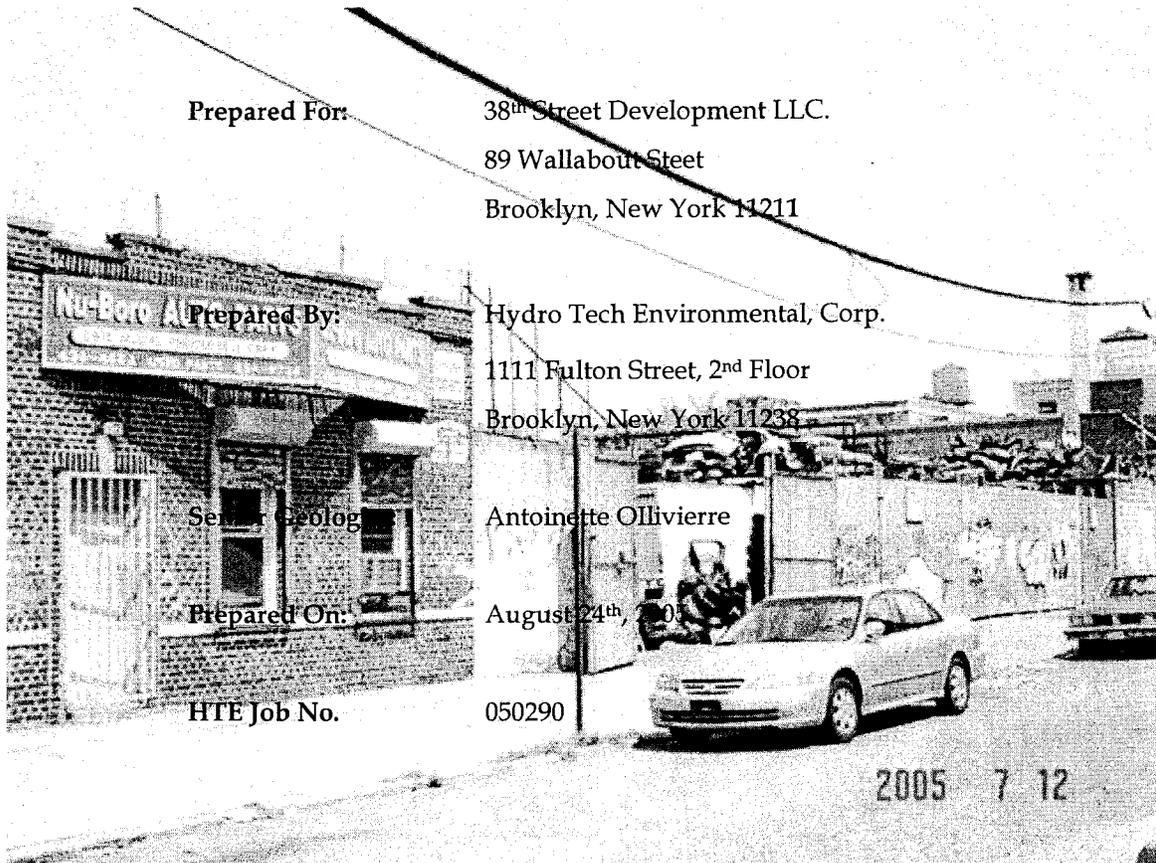
Prepared For: 38<sup>th</sup> Street Development LLC.  
89 Wallabout Street  
Brooklyn, New York 11211

Prepared By: Hydro Tech Environmental, Corp.  
1111 Fulton Street, 2<sup>nd</sup> Floor  
Brooklyn, New York 11238

Senior Geologist: Antoinette Ollivierre

Prepared On: August 24<sup>th</sup>, 2005

HTE Job No. 050290



## COMPREHENSIVE ENVIRONMENTAL ASSESSMENT REPORT

1309-1319 38<sup>th</sup> Street  
Brooklyn, New York

August 24<sup>th</sup>, 2005

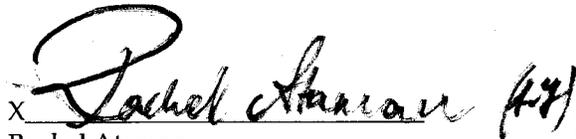
Hydro Tech Environmental Corp. appreciates the opportunity to work for Mr. Chaim Lebowitz of 38<sup>th</sup> Street Development LLC at the property located at 1309-1319 38<sup>th</sup> Street, Brooklyn, New York.

Should you require any additional information or have any comments regarding the contents of this report, please feel free to contact our office at your convenience.

Very Truly Yours,  
Hydro Tech Environmental, Corp.



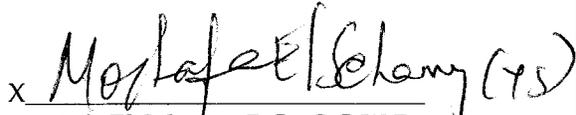
Antoinette Ollivierre  
Senior Geologist



Rachel Ataman  
Project Manager



Mark E. Robbins, C.P.G., C.E.I.  
Vice President



Mostafa El Sehamy, P.G., C.G.W.P.  
Operations Director

## TABLE OF CONTENTS

	<u>Page Number</u>
1.0 Executive Summary .....	1
2.0 Phase I Environmental Site Assessment.....	2
2.1 Introduction & Scope of Work.....	2
2.2 Site Description.....	3
2.2.1 Site Vicinity .....	3
2.2.2 Site Details.....	3
2.2.3 Adjacent Land Use .....	4
2.2.4 Proximity to Environmentally Sensitive Areas .....	5
2.2.5 Environmental Setting.....	5
2.3 Site Reconnaissance.....	8
2.4 Regulatory Agency Documents .....	11
2.5 Site History.....	13
2.5.1 Historical Maps.....	13
2.5.2 Previous Studies .....	14
2.6 Neighborhood Hazardous Waste Database Review.....	15
2.7 Interviews .....	17
3.0 Subsurface Investigation .....	18
3.1 Introduction.....	18
3.2 Remote Sensing Survey .....	18
3.3 Soil Probes .....	19
3.3.1 Protocol & Sampling Locations .....	20
3.3.2 Field Characterization.....	22
3.4 Laboratory Analyticals .....	22
3.5 Decontamination Procedures.....	22
3.6 Quality Assurance/Quality Control.....	22
3.8 Discussion of Results .....	23
3.9 Conclusions .....	24

## TABLE OF CONTENTS (cont.)

4.0 Recommendations.....	25
5.0 Credentials.....	26
6.0 References.....	27
7.0 Exclusions & Disclaimer.....	28

### Figures

1. Site Location Map
2. Site Plan
3. Sampling Plan

### Tables

1. Organic Compound Soil Results

### Appendices

- A. Photographs
- B. Regulatory Agency Documents
- C. Fire Insurance Maps
- D. Database Search Results
- E. Phase I Questionnaire
- F. Ground Penetrating Results
- G. Soil Probe Logs
- H. Laboratory Results
- I. Credentials

## 1.0 EXECUTIVE SUMMARY

Hydro Tech Environmental Corp. (HTE) has performed a Comprehensive Environmental Assessment of the property located at 1309-1319 38<sup>th</sup> Street in Brooklyn, New York. The Comprehensive Assessment was performed on behalf of Mr. Chaim Lebowitz of 38<sup>th</sup> Street Development LLC. All work was performed under the supervision of an HTE Project Manager and under the guidance of an HTE Geologist.

The purpose of the assessment was to characterize the environmental quality of the Subject Property. To accomplish this, all aspect of a Phase I Environmental Site Assessment was performed. The Phase I Environmental Site Assessment was performed to meet or surpass the American Standard of Testing Materials Standard for Phase I Environmental Site Assessments E 1527-00.A GPR survey was performed to identify the presence of subsurface anomalies. The subsurface soil quality at the Subject Property was then characterized through the collection and analysis of select soil samples.

The results of the Comprehensive Environmental Assessment are contained in this report. The Comprehensive Environmental Assessment has revealed the following Recognized Environmental Conditions (RECs):

- The presence of petroleum product staining.
- The presence of three 55-gallon drums used for containing petroleum product.
- The presence of elevated levels of SVOCs in the soil in the northeast, west and southern portions of the Site.
- The presence of active mold growth
- The presence of a suspect UST

No effort has been made to perform any investigation beyond what is included in this Report. The observations and conclusions included herein summarize the results of the Environmental Site Assessment up to the date of the fieldwork and the date of this Report.

The following sections provide the details and specific information pertaining to the various components of Comprehensive Environmental Assessment.

## 2.0 PHASE I ENVIRONMENTAL SITE ASSESSMENT

### 2.1 Introduction and Scope of Work

The Phase I Assessment was performed as part of the Comprehensive Environmental Assessment on behalf of 38<sup>th</sup> Street Development LLC.

The purpose of a Phase I Assessment is to characterize the environmental quality of the Subject Property through the determination of the presence of Recognized Environmental Conditions (RECs). As defined by the American Society of Testing and Materials (ASTM), a REC is, "the presence or likely presence of any *hazardous substances* or *petroleum products* on a property under conditions that indicate an existing release, a past release or a material threat of a release of any *hazardous substances* or *petroleum products* into structures on the property or into the ground, groundwater or surface water of the property."<sup>1</sup>

To this end, HTE has collected information through a number of sources including, but not limited to: a property and neighborhood inspection by trained environmental personnel, a review of historical and current information collected from various federal, state, county and municipal agencies and personnel interviews with Site representatives. Recommendations are offered where prudent. Firms subcontracted by HTE may have collected some information used in this report.

The activities of the Phase I Assessment included the performance of the following tasks:

1. A detailed inspection of the Site and its general vicinity.
2. A review of all reasonably ascertainable regulatory agency documents.
3. A neighborhood hazardous waste survey utilizing Federal and State databases
4. A review and evaluation of reasonably ascertainable geologic and hydrogeologic reference materials.
5. Interviews with representative of the Site.
6. The preparation of a Phase I Environmental Site Assessment Report.

---

<sup>1</sup> ASTM E 1527-00, §1.1.1.

In addition to those items outlined by ASTM E 1527-00, radon, lead-based paint and lead in water were also included in the scope of work. Business environmental risks have not been considered and are not included in the scope of work.

## **2.2 Site Description**

### **2.2.1 Site Vicinity**

The Subject Property is located at the southeast side of 38<sup>th</sup> Street, between 13<sup>th</sup> Avenue and 38<sup>th</sup> Street to the northeast and 14<sup>th</sup> Avenue to the southwest, in borough of Brooklyn, New York. Brooklyn is situated in the western part of Long Island, New York.

*Figure 1 provides a Site Location Map.*

The vicinity of the Site consists of commercial and residential properties. The ground surfaces in the vicinity of the Site consist of asphalt and concrete surfaces.

### **2.2.2 Site Details**

The Site is currently occupied by NU-Boro Parts and is a motor vehicle and parts retail dealer. The Site is approximately 21,000 square feet in area and contains two buildings. The first building is a 1-story brick building that is approximately 3,000 square feet in area. A second building is a shed, approximately 920 square feet in area and is located in western portion of the property. A brick room approximately 240 square feet in area is located in the eastern portion of the property. A total of four racks of three levels each mounted parallel to each other are located in the yard of the property. The racks are separated by three aisles.

*Figure 2 provides a Site Plan.*

Access to the Subject Property is via 38<sup>th</sup> Street to the southwest. The Site is enclosed by a fence along 38<sup>th</sup> Street and along South-Eastern and North-Eastern boundaries. The main entrance to the property is via a gate from 38<sup>th</sup> Street. A concrete sidewalk is located along 38<sup>th</sup> Street.

The interior of the one-story brick building is subdivided into four sections. The first section contains an office with a reception area and a bathroom. The wall and the ceiling in the first section consist of sheet rock. The floors of this section consist of linoleum tiling.

The second section is an employee room with a bathroom and a closet. The walls and the ceiling consist of sheet rock. The floors of the second section consist of concrete.

The third section contains two large rooms use as storage for automobile parts and debris. A 550-gallon above ground storage tank (AST) and boiler are located in section three. The walls consist of brick with concrete. The floors of the third section consist of concrete.

The electric service enters the property from 38<sup>th</sup> Street. Potable water is supplied to the Site by Municipal Water System via 38<sup>th</sup> Street. The water and electric meters are located in the office of the one-story building. Sanitary waste disposal at the Site is via New York City Sewer System. A sewer cleanup port is located in the employee room.

The exterior of the building consist of brick. The building has a sloping roof. Auto vehicles and associated parts were stored throughout the open area of the property. Three 55-gallon drums containing petroleum product were identified on the property. The ground covering at the Site consists of concrete and soil. Petroleum product staining was identified on the ground surface of the property.

### 2.2.3 Adjacent Land Use

The subject property is located in a commercial and residential area. The following properties were identified immediately adjacent to the site:

To the North-West:	Residential and commercial building.
To the South-East:	One-story building - Jewish School.
To the South-East:	Parking Lot.
To the South-West:	Five- story building under construction.

HTE does not believe that the adjacent properties identified above should impact upon the environment

#### **2.2.4 Proximity to Environmentally Sensitive Areas**

The results of the site inspection and an evaluation of the United States Geological Survey (USGS) 7-½ Minute Topographic Map containing the Site indicate no environmentally sensitive areas are present within 1,000 miles of the Subject Property.

#### **2.2.5 Environmental Setting**

The Site is located in the Central-Eastern section of Kings County, New York. The elevation of the Subject Property is 59 feet above mean sea level (USGS 7 ½-Minute Brooklyn, New York Quadrangle, 1969, Photorevised 1979).

Kings County is situated in the southwest portion of Long Island, which consists of a wedge-shaped mass of unconsolidated deposits that overlie ancient basement rock. The thickness of these deposits ranges from approximately 100 feet on the Island's north shore, to approximately 2,000 feet in some portions of the south shore. These deposits contain ground water that is the sole source of drinking water for the Island's over 3.1 million residents.

The major landforms of Long Island of importance to the hydrologic system are the moraines and outwash plains, which originated from glacial activity. The moraines represent the farthest extent of the glacial advances. The moraines consist of till, which is a poorly sorted mixture of sand, silt, clay, gravel and boulders. The till is poorly to moderately permeable in most areas. Outwash plains are located to the south of the moraines.

The outwash plains were formed by the action of glacial melt water streams, which eroded the headland material of the moraines and laid down deposits of well-sorted sands, silts and gravels. These outwash deposits have a moderate to high permeability.

The Upper Glacial Aquifer is the uppermost hydrogeologic unit. This aquifer encompasses the moraine and outwash deposits, in addition to some localized lacustrine, marine, and reworked materials. A relatively high horizontal hydraulic conductivity and a low vertical hydraulic conductivity characterize the outwash plain portion of this unit. Since the water table is situated in the Upper Glacial Aquifer, the water quality has been degraded in many areas due to industrial activities.

The **Magothy Formation** directly underlies the Upper Glacial Aquifer in the vicinity of the site. This formation is a Cretaceous coastal-shelf deposit, which consists principally of layers of sand and gravel with some interbedded clay. This formation ranges from poorly to moderately or highly permeable. A clay layer in some parts of Long Island confines the uppermost portion of the aquifer. The Magothy is Long Island's principal aquifer for public water supply. The United States Environmental Protection Agency (USEPA) has classified the Long Island aquifer system as a sole source aquifer.

The **Raritan Formation** is the deepest unit and rests directly above the bedrock units. This formation is comprised of a sand member (**Lloyd Aquifer**) and a clay member (**Raritan Clay**). The Lloyd sand extends southward from Flushing Bay to the Atlantic Ocean. The thickness of the sand member increases to the southeast and ranges in depth from 200 to 800 feet below sea level (from northwest to southeast). The clay member acts as an aquitard confining the lower Lloyd aquifer between the clay and the underlying bedrock.

Long Island has a humid, temperate climate that is strongly influenced by Long Island Sound and the Atlantic Ocean. These bodies of water temper extremes of heat in summer and cold in winters. Climate affects the formation of soil through its influence on chemical, biological and physical processes. The amount and content of rainwater, as it percolates through the soil, chemically alters the composition of the soils. Chemical and biological processes are also affected by temperature changes. The physical weathering of the soil and rocks is affected by freezing and thawing activities.

The soils of Long Island are relatively young, having developed since the last recession of glaciation approximately 25,000 years ago. Over thousands of years, the minerals in the bedrock debris slowly decayed and disintegrated, providing the necessary substrate to support biological activity. Rock-forming minerals such as feldspars and micas, that are rich in potassium and aluminum, release their important elements as they are converted to clays. Soils formed in glacial drift are commonly known as loam, a mixture of sand, silt and clay.

The soils of Long Island formed three distinct soil horizons or zones on glacial deposits. The lowest horizon, designated as the C-horizon, is similar in composition to the transported glacial

rock debris. The B-horizon is above the C-horizon and consists of sediments that have been considerably altered from their C-horizon source. Vadose zone water percolates through the B-horizon, carrying compounds of clay, iron, aluminum oxides, carbonates and humic acid. These materials are redeposited within the lower portions of the B-horizon, and form the zone of accumulation. The zone of accumulation may also be the zone of ground water saturation and the location of the water table.

The zone of leaching is found in the A horizon, which is the upper, organic-rich and life sustaining layer with abundant roots and organic matter at the surface. The A horizon is distinct from the underlying B & C horizons because it is darker and more friable.

Differentiation in soil horizons are the result of various soils-forming processes such as the physical breakdown of particles, the leaching of salts, the accumulation of organic matter and the chemical weathering of primary minerals. The chemical weathering of primary minerals occurs through processes such as chelation, the formation of silicate clay minerals, the translocation of silicate clay minerals by percolating water from one horizon to another and the accumulation of iron colloids.

The depth to groundwater in the vicinity of the Subject Property exceeds 40 feet. The regional groundwater flow direction in the vicinity of the Subject Property is towards the west, in the direction of the Lower New York Bay.

## 2.3 SITE RECONNAISSANCE

Mr. Paul Matli, PhD of HTE performed the site reconnaissance portion of the Phase I Assessment on Tuesday, July 12<sup>th</sup>, 2005. The weather during the inspection was sunny, approximately 80 degrees Fahrenheit.

*Appendix A provides photographs of the Subject Property.*

HTE inspected all portions of the Site that access was provided for. The following pertinent information was obtained during the site reconnaissance of the Subject Property:

1. At the time of the inspection, two one-story buildings and a shed occupied the Subject property
2. No evidence of industrial processes was observed at the Subject Property. No evidence of historical industrial processes was identified at the Subject Property.
3. No evidence of suspect hazardous chemicals was identified at the property. Three 55-gallon drums are located in the tent adjacent to the one-story brick building. The drums contained petroleum product. Staining was observed in the vicinity of the drums. A 55-gallon drum of lubricating oil is located in the third section of the building on the property. The presence of staining on the ground surface may impact upon the environmental quality of the Subject property and should be considered a REC.

No other drum storage areas were identified at the Subject Property. No evidence of former drum storage areas was identified at the Subject Property.

4. One 550-gallon AST containing fuel oil is located in the third section of the one-story building was identified. The vent and fill pipes are located in the exterior wall of the third section of the one-story building. The presence of 550-gallon AST should not impact upon the environmental quality of the Site. No evidence of underground storage tanks (USTs) were identified at the Subject Property. No evidence of former USTs was identified at the Subject property.

5. No floor drains were identified throughout the building. No evidence of floor drains was identified at the Subject property.
6. No evidence of subsurface drainage structures such as leaching pools or cesspools or storm water drywells was identified at the Subject Property.
7. As previously discussed, areas of staining were identified in the vicinity of the drums and throughout the yard at the Subject Property. The presence of the staining may impact upon the environmental quality of the Subject property. No other evidence of hazardous or non-hazardous material spills was identified at the Subject Property. No areas of stressed vegetation were identified at the Subject Property.
8. No electrical transformers were identified at the Subject Property. No evidence of PCB or PCB-containing equipment was identified at the Subject Property.
9. Peeling paint was identified on the ceiling in section one and two of the one-story building at the Subject Property. Due to the age of the buildings, the presence of the peeling paint may be indicative of lead-base paint and should be considered a REC.
10. No suspect asbestos-containing material (ACM) was identified at the Subject Property.
11. The testing of drinking water for lead is beyond the scope of this Phase I Environmental Site Assessment. The New York City municipal Water Supply system provides the potable water for the Site.
12. No monitoring wells were identified at the Subject Property. No monitoring wells were identified on any adjacent properties. The Subject Property does not utilize wells for the generation of potable water.
13. Active mold growth was identified on the walls of section 2 of the one-story building at the Subject Property. The presence of the active mold represents a REC.

14. No surface waters such as pits, ponds or lagoons were identified at the Subject Property. No evidence of former surface waters or pits, ponds or lagoons was identified at the Subject Property.
15. No areas of fill or evidence of land disposal of material(s) were identified at the Subject property.
16. No evidence of any Indoor Air Quality was identified at the Subject property.
17. Heavy staining of petroleum is visible on the interior floors of the one-story building. Visual and olfactory evidence were identified at the Subject property. Some of the junk car parts contained visual and olfactory evidence in section three of the one story building.

## 2.4 REGULATORY AGENCY DOCUMENTS

FOIA requests were issued to the following regulatory agencies with respect to the Subject Property. All reasonably ascertainable municipal records are provided with this report.

- New York City Department of City Planning.
- New York City Department of Building.
- New York City Department of Health.
- New York City Bureau of Fire Department.
- New York State Department of Environmental Conservation.
- New York City Department of Environmental Protection.

*Appendix B provides copies of the regulatory agency documents.*

### *New York City Department of City Planning*

The New York City Zoning Department indicates that the property is zoned Z9 Commercial Miscellaneous. The Tax Map number for the property is Block 5300 and Lots 8, 70, 72, 74. The Department of Finance Occupancy Code for the Subject Property is listed as Z9-MISCELLANEOUS.

### *New York City Department of Building*

A FOIA request was submitted to the New York City Department of Building (NYCDOB). The NYCDOB indicates that there are no open complaints, no open violations or actions listed for the Subject Property. The Little "E" Restriction for the Subject Property is listed as "N/A- not applicable."

### *New York City Department of Health*

A FOIA request was submitted to the New York City Department of Health (NYCBFP). The NYCBFP was contacted via telephone to obtain the status of the FOIA request. As of the date of this report, the NYCDOH has not responded to our initial search request or subsequent follow-up calls. This information will be provided as soon as it has been received and evaluated.

*New York City Bureau of Fire Department*

A FOIA requests were submitted to the New York City Bureau of Fire Prevention (NYCCBFP). The NYCBFP was contacted via telephone to obtain the status of the FOIA request. As of the date of this report, the NYCBFP has not responded to our initial search request or subsequent follow-up calls. This information will be provided as soon as it has been received and evaluated.

*NYS Department of Environmental Conservation*

A FOIA requests were submitted to the New York State Department of Environmental Conservation (NYSDEC). The NYSDEC was contacted via telephone to obtain the status of the FOIA request. As of the date of this report, the NYSDEC has not responded to our initial search request or subsequent follow-up calls. This information will be provided as soon as it has been received and evaluated.

*New York City Department of Environmental Protection*

A FOIA requests were submitted to the New York City Department of Environmental Protection (NYCDEP). The NYCDEP was contacted via telephone to obtain the status of the FOIA request. As of the date of this report, the NYCDEP has not responded to our initial search request or subsequent follow-up calls. This information will be provided as soon as it has been received and evaluated.

## 2.5 SITE HISTORY

### 2.5.1 Historical Maps

Fire Insurance Maps for the Site and its vicinity were obtained and evaluated in order to establish the history of the Site. The Fire Insurance Maps are provided with this report. The dates of the Fire Insurance Maps that were evaluated are listed below.

- 1905
- 1926
- 1942
- 1951
- 1970
- 1976
- 1978
- 1979
- 1980
- 1982
- 1987
- 1988
- 1990
- 1991
- 1992
- 1993
- 1994
- 1995

*Appendix D provides a copy of the Fire Insurance Maps.*

The following sections provide details on the Fire Insurance Maps. The discussion is separated by dates of the Fire Insurance Maps.

1905:

The Fire Insurance Map dated 1905 indicates that the Subject Property was vacant and the utilization of the property was not noted.

1926:

A Fire Insurance Map dated 1926 shows that the Subject Property contained a one-story building and was occupied by Terminal Building Supply Co. The property was utilized as a Lumber Yard.

1942:

The Fire Insurance map dated 1942 indicates that the Subject Property contained a one-story building and was utilized as a garage. The Map also indicates that a gasoline tank was located near the one-story building in the southwestern portion of the property.

1951 through 1995:

A Fire Insurance Map dated 1951 through 1995 indicate that the Subject Property was utilized as an auto wrecking company with exception of Lots 8 and 74, which were used as auto repair site

and parts storage. No notations with respect to the gasoline tank were identified on the 1951 Fire Insurance Map or subsequent maps.

Based upon the review of the Fire Insurance Maps, an underground gasoline UST was present in the southeast portion of the Site during 1941. The presence of the gasoline UST represents a REC.

### 2.5.2 Previous Studies

Based upon interviews performed during the inspection, no prior environmental studies were conducted at the Site.

## 2.6 NEIGHBORHOOD HAZARDOUS WASTE DATABASES

Federal and State hazardous waste databases were reviewed with respect to the Subject Property and surrounding properties. The complete database printout is provided with this report. The following databases were reviewed:

### Federal Databases

- National Priority List
- CERCLIS
- ERNS
- RCRA TSD
- RCRA CORRACTS
- RCRA Generator/Transporter

### State Databases

- Inactive Hazardous Waste Sites
- Leaking Underground Storage Tanks
- Petroleum Bulk Storage
- Spill Sites
- Solid Waste Landfill

*Appendix D provides a copy of the Database Search Results.*

The review and evaluation of the above Federal and State Databases indicate that the Subject Property is not identified on any of the databases.

The following numbers of properties were identified in each database within the specified radii from the Subject Property.

<u>Federal Databases</u>	<u>Radius</u>	<u>Number of Properties</u>
• National Priority List	1.0 miles	0
• CERCLIS	0.5 miles	0
• ERNS	Property & Adjacent	0
• RCRA TSD	0.5 miles	0
• RCRA CORRACTS	0.25 miles	0
• RCRA Generator/Transporter	0.25 miles	17

<u>State Databases</u>	<u>Radius</u>	<u>Number of Properties</u>
• Inactive Hazardous Waste Sites	1.0 miles	1
• Leaking Underground Storage Tanks	0.5 miles	23
• Petroleum Bulk Storage	0.25 miles	10
• Spill Sites	0.125 miles	5
• Solid Waste Landfill	0.5 miles	0

A review and evaluation of the above Federal and State databases indicated that none of the properties listed above are located adjacent to the Site. There are seventeen properties listed in the RCRA Generator / Transporter databases within a ¼ mile radius of the Subject Property. Two of these sites are small quantity generators and fifteen sites are listed as large quantity generators. Small quantity generators generate 100kg to 1,000kg of hazardous waste per month. Ten of the listed sites are located up gradient to the Subject Property. One of the up gradient RCRA sites has open violation. The site with open violation is listed below.

<u>Name</u>	<u>Address</u>	<u>Type of Violation</u>
• Yeshida Machzikei Hadas, Inc.	1255 38 <sup>th</sup> Street	Unsafe building.

None of the up gradient properties identified in the database should impact upon the environmental quality of the Subject Property.

Twenty-three sites are listed in the Leaking Underground Storage Tanks (LUSTs) database within a ½ mile radius of the Subject Property. None of these sites in the LUSTs database should impact upon the environmental quality of the Subject Property.

Ten sites are listed in the State Spills database located within a ⅛ mile radius of the Subject Property. None of these sites should impact upon the environmental quality of the Subject Property.

None of the remaining properties identified in the databases should impact upon the environmental quality of the Subject Property.

## 2.7 INTERVIEWS

During the course of the Phase I Assessment, there were no interview(s) conducted with respect to the operations and history of the Site.

*Appendix E Provides a copy of the Phase I Questionnaire*

## 3.0 SUBSURFACE INVESTIGATION

### 3.1 Introduction

The field portion of the Phase II Investigation was performed on July 12<sup>th</sup>, 14<sup>th</sup>, 19<sup>th</sup>, 21<sup>st</sup>, 25<sup>th</sup>, 27<sup>th</sup>, 29<sup>th</sup>, August 2<sup>nd</sup>, 3<sup>rd</sup>, and 11<sup>th</sup>, 2005.

The field work consisted of the performance of a Ground Penetrating Radar (GPR) survey and the installation and sampling of a series of soil probes. All portions of the fieldwork were performed under the direct oversight of a HTE Geologist and under the guidance of an HTE Project Manager.

All related portions of the fieldwork were performed, at a minimum, in accordance with acceptable industry standards. These acceptable industry standards include, but are not limited to, the ASTM Standard Guide for Phase II Environmental Site Assessments (E 1903-97), the New York State Department of Environmental Conservation (NYSDEC) Bureau of Spill Prevention & Response Sampling Guidelines and Protocols, March 1991 and the Draft DER-10 Technical Guidance for Site Investigation and Remediation, December 2002.

### 3.2 Remote Sensing Survey

The purpose of the remote sensing survey was to identify the presence of subsurface anomalies such as USTs. Typical anomalies include underground storage tanks (USTs) and 55-gallon drums. The remote sensing survey consisted of a magnetometer and Ground Penetrating Radar (GPR) survey.

A magnetometer survey detects the magnetic field of ferrous objects, typically to depths up to 12 feet below grade. The magnetometer survey was performed in all accessible portions in the vicinity of the vent pipe and former fill port of the Site utilizing a Shconstedt GA-72CD Digital Magnetometer. The survey is performed by "waving" the magnetometer in a back and forth motion over a specific area. As the magnetometer is waved, it emits audible signals and provides the user with a graphic display based upon received reflection from ferrous materials in the subsurface. The audible signal "peaks" to maximum when the magnetometer's tip is held directly over a target.

The GPR survey was performed utilizing a GSSI SIR-3000 Control Unit and a 400-megahertz shielded antenna. The survey was performed in all accessible portion of the Site over a grid pattern that was determined immediately prior to the survey. The GPR operator wheeled the antenna over the predetermined grid. The GPR takes one "scan" per set unit. The number of scans per unit is based upon the estimated sizes of targets. As each scan is performed, the antenna emits specific radar amplitude into the subsurface. The amplitude of the radar reflected back to the antenna is based upon the differences in the dielectric constants of the subsurface materials. The difference in amplitude obtained during each scan is graphically displayed at the Control Unit, which are then interpreted by the GPR operator the time of the survey. Additional interpretations are then conducted in the office using computer software. The GPR survey was also used to clear all proposed sampling locations.

The results of the remote sensing survey indicate no significant anomalies were noted during the survey. However, the GPR survey were only performed in the aisles and areas that access was provided. Specifically, the GPR survey was not able to be conducted at the location of the suspect UST in the southwest portion of the Site.

*Appendix F provides GPR Results.*

### **3.3 Soil Probes**

#### **3.3.1 Protocol & Sampling Locations**

A total of twenty five soil probes were installed during the investigation. The purpose of the soil probes is to determine if the RECs identified in the Phase I portion of the assessment have impacted upon the environmental quality of the Subject Property.

*Figure 3 provides the Sampling Plan.*

The twenty five soil probes were installed utilizing HTE's Geoprobe® 5410, mounted inside a Ford F350 pickup truck. The Geoprobe® 5410 installed the soil probes utilizing direct-push technology. Soil samples were collected in all probes at 2-foot intervals utilizing a 4-foot long Macro Core sampler fitted with dedicated acetate liners. The Macro sampler allows for the

collection of both continuous and of discrete soil samples. Each sampler was installed with 1½-inch diameter drill rods.

Soil probes SP-1 through SP-25 were installed as indicated in below at very shallow depth due to refusal encountered at the Site and the requirements of the scope of work. Soil probe SP-12 was attempted three times. However, due to refusal at two feet below surface grade, it was not able to be installed.

**Location of soil probes and their respective depth**

On- site locations of probes	Soil probes	Depth(s) ftbg
One-story building	SP-1, SP-2, SP-3, SP-16	4', 5', 5', 5'
Aisle 1	SP-4, SP-5, SP-6, SP-15	6', 5', 5', 4'
Aisle 2	SP-7, SP-8, SP-9	6', 5', 5'
Aisle 3	SP-10, SP-11, SP-12	5', 5', _
Rack 1	SP-17, SP-18, SP-19	5', 8', 5'
Rack 1	SP-20, SP-21, SB22	5', 4', 5'
Rack 3	SP-23, SP-24, SP-25	12', 4', 4'
Shed	SP-13, SP-14	4', 4'

Ftbg - feet below grade

Soil probes SP-1 through SP-3 and SP-16 were installed inside the one-story building. Soil probes SP-4 through SP-6 and SP-15 were installed in Aisle 1. Probes SP-7 through SP-9 were installed in Aisle 2 and SP-10 through SP-12 in Aisle 3. Soil probes SP-13 and SP-14 were installed within the Shed. Three soil probes SP-17 through SP-19 were installed under Rack 1. Soil probes SP-20 through SP-21 were installed under Rack 2. Soil probes SP-23 through SP-25 were installed under the Rack 3.

### **3.3.2 Field Characterization**

Separate aliquots of each soil sample were placed into both airtight zip-lock bags and 4-ounce and 8-ounce jars and appropriately labeled. The HTE geologist characterized each soil sample in the field. The soil characterization consisted of determining the soil classification utilizing the

Unified Soil Classification System and screening each sample for organic vapors utilizing a Photoionization Detector (PID).

A PID makes use of the principle of photoionization for the detection and qualitative measurement of organic vapors. A PID does not respond to all compounds similarly, rather, each compound has its own response factor relative to its calibration. For this investigation, the PID was calibrated to the compound isobutylene, which is published by the manufacturer. The PID has a minimum detection limit of 0.1 parts per million (ppm). This meter measures the hydrocarbon concentrations in isolated portions of the secured samples.

Headspace analyses were conducted on each soil sample by partially filling the zip lock bag and sealing it, thereby creating a void. This void is referred to as the sample headspace. To facilitate the detection of any hydrocarbons contained within the headspace, the container will be agitated for a period of 30 seconds. The probe of the PID will then be placed within the headspace to measure the organic vapors present. Soil probe logs were then generated based upon the soil characterization, along with the PID field screening.

The general soil type beneath the Site consists of brown and black coarse grained silty sand, red clay with gravel and fragments of hard rocks. Visual or olfactory evidence of petroleum constituents were identified during the field screening mostly in the topsoil layer beneath a cover of thick concrete slabs. Organic vapors, typically less than 10 ppm, were also detected with the PID during the field screening of the same samples.

*Appendix B provides copies of the Soil Probe Logs.*

Based upon the requirements set forth in the Scope of Work, one soil sample from each probe was containerized for analyses at State-certified laboratory. Samples selected were primarily from zero to 2 feet below surface grade where higher levels of organic vapors were identified.

Due to drilling conditions and the excessive depth to water table, no groundwater samples were obtained.

### 3.4 Laboratory Analyticals

All soil samples were placed in a cooler filled with ice and maintained at 4 degrees Celsius. Each sample was transmitted under proper chain of custody procedures to a State-certified laboratory. All soil samples were analyzed for volatile organic compounds (VOCs) via EPA Method 8260 and semi-volatile organic compounds (SVOCs) via EPA Method 8270.

*Appendix H contains the Laboratory Reports.*

### 3.5 Decontamination Procedures

Each piece of sampling or other down hole equipment was decontaminated prior to each use in order to ensure that cross-contamination between sampling locations does not occur. The following procedure was utilized in the decontamination process:

- Wipe clean and wash with Alconox<sup>®</sup>.
- Potable water rinse.
- Methanol rinse.
- Deionized water rinse.
- Air dry.

All decontamination procedures were performed in an area segregated from any sampling areas. Any rinsate from the decontamination area is contained and removed from the site.

### 3.6 Quality Assurance/Quality Control

All soil samples were properly handled and placed into the appropriate labeled containers. The samples were placed in a cooler filled with ice and maintained at a maximum 4 degrees Celsius. All samples were transmitted under proper chain of custody procedures to a State-certified (ELAP) laboratory for VOCs and SVOCs laboratory analyses. All holding times were met. The laboratory did not report any irregularities with respect to their internal Quality Assurance/Quality Control.

### 3.7 DISCUSSION OF RESULTS

#### Volatile Organic Compounds

Table 1 provides the VOCs results for soil samples obtained from soil probes SP-1 through SP-25. Table 1 also provides a comparison of the analytical results to the recommended soil cleanup objective (RSCO) from NYSDEC Technical and Administrative Guidance Memorandum (TAGM) #4046. Concentrations reported in Table 1 are in micrograms per kilogram ( $\mu\text{g}/\text{kg}$ ).

Table 1 reveals VOCs were detected above their respective RSCO. The VOCs detected above their respective RSCO are O-Xylen, m + P-Xylene, 1,3,5-Trimethylbenzene and 1,2,3-Trimethylbenzene in soil samples SP-6, SP-9, SP-11, SP-17, SP-18 and SP-19. Other VOCs such as 4-Isopropyltoluene, MTBE and n-Butylbenzene, Naphtalene were also detected in the soil samples above their MDLs but below their respective RSCO.

#### Semi-Volatile Organic Compounds

Table 1 also provides the results for those SVOCs that were detected in soil samples obtained from soil probes SP-1 through SP-25 at concentrations exceeding their respective MDL and RSCO. Table 1 also provides a comparison of the analytical results to each compound's RSCO from TAGM #4046 ( $\mu\text{g}/\text{kg}$ ).

Elevated levels of SVOCs were detected at concentrations exceeding their respective MDL and RSCO in soil samples from probes SP-4, SP-5, SP-6 SP-8, SP-11, SP-16, SP-17 and SP-21. The SVOCs detected at levels exceeding their respective MDL and RSCO include Benzo (a) Anthracene, bis (2-Ethyl Hexyl) Phtalate, Benzo (b) Fluoranthene, Benzo (k) Fluoranthene, Chrysene, Benzo (a) Pyrene and Dibenzo (a,h) Anthracene. The soil samples obtained from SP-4, SP-5, SP-6 SP-8, SP-16 and SP-17 are from the northeastern and western sections of the subject property. Soil samples obtained from SP-11 and SP-21 are from a southeastern portion of the subject property. The high levels of the SVOCs are indicative of petroleum contamination at the subject property.

The SVOCs found in the soil samples can be more specifically classified as Polycyclic Aromatic Hydrocarbons, or PAHs. The levels PAHs are indicative of historic releases of petroleum or are typically found in urban fill and likely relate to the historical and current use of the site.

## 4.0 DISCUSSION OF RESULTS

### Volatile Organic Compounds

Table 1 provides the VOCs results for soil samples obtained from soil probes SP-1 through SP-25. Table 1 also provides a comparison of the analytical results to the recommended soil cleanup objective (RSCO) from NYSDEC Technical and Administrative Guidance Memorandum (TAGM) #4046. Concentrations reported in Table 1 are in micrograms per kilogram ( $\mu\text{g}/\text{kg}$ ).

Table 1 reveals VOCs were detected above their respective RSCO. The VOCs detected above their respective RSCO are O-Xylen, m + P-Xylene, 1,3,5-Trimethylbenzene and 1,2,3-Trimethylbenzene in soil samples SP-6, SP-9, SP-11, SP-17, SP-18 and SP-19. Other VOCs such as 4-Isopropyltoluene, MTBE and n-Butylbenzene, Naphtalene were also detected in the soil samples above their MDLs but below their respective RSCO.

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The SVOCs found in the soil samples can be more specifically classified as Polycyclic Aromatic Hydrocarbons, or PAHs. The levels PAHs are indicative of historic releases of petroleum or are typically found in urban fill and likely relate to the historical and current use of the site.

## 5.0 CONCLUSIONS

HTE has performed a Phase I Environmental Site Assessment of the property located at 1309-1319 38<sup>th</sup> Street Brooklyn, New York. Based upon the findings of the Phase I Assessment, the following Recognized Environmental Conditions have been identified:

- The presence of petroleum product staining.
- The presence of three 55-gallon drums used for containing petroleum product.
- The presence of elevated levels of SVOCs in the soil in the northeast, west and southern portions of the Site.
- The presence of active mold growth
- The presence of a suspect UST

Other than the item(s) listed above, no further assessment work is required to determine the environmental quality of the subject Property.

## 6.0 RECOMMENDATIONS

Based on the conclusions presented in Section 9.0 above, the following recommendations are provided:

- The NYSDEC Spill Hotline should be contacted and notified of the presence of petroleum constituents in soil. The Case Manager assigned to the incident should then be provided with a copy of this report. During future site development, the petroleum contaminated soil should be removed and properly disposed of. During the excavation activities, the gasoline tank identified on the 1941 Fire Insurance Map should be located and either removed or abandoned in accordance with appropriate regulations.

Appropriate DER-10 investigation(s) should be conducted to verify all excavation activities. Once all waste manifests and laboratory results are obtained, a report of findings should be prepared and submitted to the NYSDEC.

These activities will address the SVOCs in soil, the petroleum staining and the gasoline tank.

- The 55-gallon drums should be placed in secondary containment and any spillage should be cleaned up appropriately. If they will no longer be utilized, they should be removed and properly disposed of.
- Prior to any site demolition or construction, appropriate lead paint surveys should be conducted. As necessary, appropriate lead-based paint abatement should be conducted.
- An appropriate mold survey should be conducted to determine the presence of active mold spores that may release mycotoxins.

## 7.0 REFERENCES

1. Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, ASTM E 1527-00, American Society for Testing and Materials, West Conshohocken, PA.
2. Standard Practice for Environmental Site Assessments: Phase II Environmental Site Assessment Process, ASTM E 1903-97, American Society for Testing and Materials, West Conshohocken, PA.
3. Principals of Groundwater Engineering, William C. Walton, Lewis Publishers, Inc., 1991.
4. Sampling Guidelines & Protocol, New York State Department of Environmental Conservation, March 1991.
5. Soil Survey of Nassau County, New York, Soil Conservation Service, United States Department of Agriculture in cooperation with Cornell University Agricultural Experiment Station, February 1987.
6. The Long Island Ground Water Pollution Study, New York State Department of Environmental Conservation, 1972.
7. *Geochemical traverse across Cameron's Line, Boro Hall Park, Bronx, New York*, Cadmus, D., Hodgson, R., Gatto, L.M., and Puffer, J.H., Geology Department, Rutgers University, Newark, NJ.
8. *Drainage History of the New York City Region*, Sanders, John E., Geology Department, Hofstra University.
9. *EDR Environmental Data Resources, 1309-1319 38<sup>th</sup> Street, Brooklyn, New York, July 8<sup>th</sup>, 2005*. The EDR-Radius Map, Milford, Connecticut.
10. *EDR Environmental Data Resources, 1309-1319 38<sup>th</sup> Street, Brooklyn, New York, July 8<sup>th</sup>, 2005*. The EDR-Fire Insurance Maps, Milford, Connecticut.
11. *Draft DER-10 Technical Guidance for Site Investigation and Remediation*, December 2002.

## 8.0 EXCLUSIONS & DISCLAIMER

Hydro Tech Environmental Corp. is engaged in the environmental assessment of real estate. All tasks involved with this environmental assessment have been performed at a minimum in accordance with the accepted practices and standards of the environmental consulting industry. Hydro Tech Environmental Corp. has not interest, implied or otherwise, in the real estate.

The observations included in this report summarize the environmental quality of the subject property up to the dates of the visual inspection of the property and this report. No efforts have been made to perform any tasks beyond what is documented in this report. Any incidents occurring subsequent to the date of this report are not accounted for and therefore are not included in this report. This report is intended to be utilized solely by the client unless otherwise indicated. This report is not intended to characterize, document or otherwise provide information with respect to the soil or groundwater quality of the Site.

# APPENDIX G

## PHASE-I QUESTIONNAIRE

# ENVIRONMENTAL QUESTIONNAIRE

*Hydro Tech Environmental, Corp.*

2171 Jericho Turnpike, Suite 345  
Commack, NY 11725  
(631) 462-5866

15 Ocean Avenue, 2<sup>nd</sup> Floor  
Brooklyn, NY 11225  
(718) 636-0800

## SITE INFORMATION:

Current Use of Site: TRUCK PARKING

Address: 13 City: \_\_\_\_\_

State: \_\_\_\_\_ County: \_\_\_\_\_ ZIP: \_\_\_\_\_

Closest Cross Street(s): \_\_\_\_\_

Is the site on the corner: YES NO

If not on a corner, approximately how far from the hard corner:

Geographical Quadrant: NE \_\_\_\_\_ NW \_\_\_\_\_ SE \_\_\_\_\_ SW \_\_\_\_\_

## OWNERSHIP INFORMATION:

Owners Name: 3RD AVE MANAGEMENT

Address: 2 SKILLMAN #213 BROOKLYN NY 11206

Telephone Number: 718 963 2322 Fax Number: 963 2299

Prior Owner Name: \_\_\_\_\_

Prior Owner Address: \_\_\_\_\_

Prior Owner Telephone / Fax Number: \_\_\_\_\_

## SITE CONTACT INFORMATION:

Contact Name / Title: YOSEF GRUBER

Telephone Number: 347 497 1736

Is Purpose of HTE's Visit Confidential: \_\_\_\_\_ (Yes/No)

## PROPERTY INFORMATION:

What is the current size of the parcel: \_\_\_\_\_

What is the current size of the building: \_\_\_\_\_

Does the building have a basement: \_\_\_\_\_ (Y/N) mezzanine: \_\_\_\_\_ (Y/N)

Is the facility connected to city/municipal water: \_\_\_\_\_

Is there a private well at the property for potable use or irrigation: \_\_\_\_\_ (Y/N)

Is the facility serviced by natural gas: \_\_\_\_\_ (Y/N) heating oil: \_\_\_\_\_ (Y/N)

Does the facility have any septic tanks/systems or drywells: \_\_\_\_\_ (Y/N)

Parcel ID: \_\_\_\_\_ Section/Block/Lot: \_\_\_\_\_

Section/Township/Range: \_\_\_\_\_ Zoning: \_\_\_\_\_

**PROPERTY INFORMATION, CONT.**

Utility Providers:

Natural Gas \_\_\_\_\_ Water \_\_\_\_\_

Electric \_\_\_\_\_ Sewer \_\_\_\_\_

Heating Oil (if applicable) \_\_\_\_\_

Have any surveys, site plans, or as-builts ever been prepared for the site: \_\_\_\_\_ (Y/N)

If YES, please provide a copy of any such documentation to HTE.

How long has the property existed as its current use: \_\_\_\_\_

Date Building Permit issued: \_\_\_\_\_ Date C of O issued: \_\_\_\_\_

Has the building been remodeled: \_\_\_\_\_ (Y/N) If YES, when: \_\_\_\_\_

What existed at the property prior to its current use: \_\_\_\_\_

---

Is the property currently occupied or utilized by any of the following: \_\_\_\_\_ (Y/N)

If YES, check all that apply

Gasoline Station _____	Motor Repair Facility _____	Print Shop _____
Landfill _____	Photo Developing _____	Dry Cleaner _____
Auto Dealer _____	Industrial Facility _____	

Has the property been occupied or utilized by any of the following: \_\_\_\_\_ (Y/N)

If YES, check all that apply

Gasoline Station _____	Motor Repair Facility _____	Print Shop _____
Landfill _____	Photo Developing _____	Dry Cleaner _____
Auto Dealer _____	Industrial Facility _____	

**ENVIRONMENTAL ISSUES:**

Are there currently any storage tanks (above or underground) located on-site:  
YES \_\_\_\_\_  NO \_\_\_\_\_ UNKNOWN \_\_\_\_\_

Have there previously been any storage tanks (above or underground) located on-site:  
YES \_\_\_\_\_  NO \_\_\_\_\_ UNKNOWN \_\_\_\_\_

Are there currently any monitoring wells located on-site:  
YES \_\_\_\_\_  NO \_\_\_\_\_ UNKNOWN \_\_\_\_\_

Have there previously been any monitoring wells located on-site:  
YES \_\_\_\_\_  NO \_\_\_\_\_ UNKNOWN \_\_\_\_\_

Has a request ever been made, or have you provided an access agreement or any other agreement to any third party to test the soil and/or groundwater on-site for possible contamination:

YES \_\_\_\_\_  NO \_\_\_\_\_ UNKNOWN \_\_\_\_\_

Has any petroleum product or other hazardous substance ever intentionally or unintentionally been spilled, leaked, or disposed of on the subject property:  
YES \_\_\_\_\_  NO \_\_\_\_\_ UNKNOWN \_\_\_\_\_

Was any corrective action/remediation initiated and/or required in response to the spill, leak, or disposal:  
YES \_\_\_\_\_  NO \_\_\_\_\_ UNKNOWN \_\_\_\_\_

Have soil, air, groundwater, surface water, and/or sediment been tested/monitored in the past, or are they currently being tested/monitored for the presence of (including, but not limited to) hazardous substances or petroleum products:

YES \_\_\_\_\_  NO \_\_\_\_\_ UNKNOWN \_\_\_\_\_

Have any Environmental Site Assessments or investigations ever been conducted at the subject property. If YES, please provide a copy of any such documentation to HTE.  
 YES \_\_\_\_\_  NO \_\_\_\_\_ UNKNOWN \_\_\_\_\_

Have any such assessments or investigations revealed the presence or potential presence of contamination at the subject property, or recommended further testing of the site:  
 YES \_\_\_\_\_  NO \_\_\_\_\_ UNKNOWN \_\_\_\_\_

Are any regulated and/or other hazardous or toxic substance presently stored and/or used at the subject site:  
YES \_\_\_\_\_  NO \_\_\_\_\_ UNKNOWN \_\_\_\_\_

Are there any regulatory reporting requirements with regard to the quantity and/or type of chemicals stored and/or used at the subject site:  
YES \_\_\_\_\_  NO \_\_\_\_\_ UNKNOWN \_\_\_\_\_

**ENVIRONMENTAL ISSUES, CONT.**

Has fill dirt been brought onto the subject site that originated from a contaminated site or is from an unknown source:

YES \_\_\_\_\_  NO \_\_\_\_\_ UNKNOWN \_\_\_\_\_

To the best of your knowledge, has the property been impacted, or is it threatened to be impacted by any off-site source of contamination:

YES \_\_\_\_\_  NO \_\_\_\_\_ UNKNOWN \_\_\_\_\_

Is there currently, or to the best of your knowledge has there previously been any Asbestos Containing Material (ACM) located at the property:

YES \_\_\_\_\_  NO \_\_\_\_\_ UNKNOWN \_\_\_\_\_

Is there currently, or to the best of your knowledge has there previously been any mold or microbial growth at the property:

YES \_\_\_\_\_  NO \_\_\_\_\_ UNKNOWN \_\_\_\_\_

Have any oil and/or gas wells or any associated exploratory drilling been located on or conducted at the subject property:

YES \_\_\_\_\_  NO \_\_\_\_\_ UNKNOWN \_\_\_\_\_

Have there ever been any emergency responses to the subject site (due to a fire, spill, or release):

YES \_\_\_\_\_  NO \_\_\_\_\_ UNKNOWN \_\_\_\_\_

Have any hazardous substances, petroleum products, unidentified waste materials, tires, automotive or industrial batteries, or any other waste materials been dumped above or below grade, buried, and/or burned at the property:

YES \_\_\_\_\_  NO \_\_\_\_\_ UNKNOWN \_\_\_\_\_

Do any environmental liens or government notifications or requirements exist relating to current or past violations of environmental laws and/or regulations with respect to the property or any facility located on the property:

YES \_\_\_\_\_  NO \_\_\_\_\_ UNKNOWN \_\_\_\_\_

To the best of your knowledge, are there any conditions or circumstances with respect to the property which may require, or may hereafter require a clean-up, removal, or other remedial action or response which could subject an owner of the property to any damages, penalties, claims, costs, or expenses:

YES \_\_\_\_\_  NO \_\_\_\_\_ UNKNOWN \_\_\_\_\_

To the best of your knowledge, are there any facts, circumstances, or complaints which may give rise to future civil (including actions by private parties), administrative, or criminal proceedings against an owner of the property relating to environmental issues:

YES \_\_\_\_\_  NO \_\_\_\_\_ UNKNOWN \_\_\_\_\_

**ASTM E1527-05 / ALL APPROPRIATE INQUIRY REQUIREMENTS:**

In order to qualify for one of the Landowner Liability Protections (LLPs) offered by the Small Business Liability Relief and Brownfields Revitalization Act ( the "Brownfields Amendments"), the person commissioning the Phase I Environmental Site Assessment report **must provide** the following information (if available) to the environmental professional (HTE). Failure to provide this information could result in a determination that "all appropriate inquiry" is not complete.

Are you aware of any environmental contamination or cleanups that have occurred at the property?

YES \_\_\_\_\_ NO \_\_\_\_\_ UNKNOWN \_\_\_\_\_

Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law?

YES \_\_\_\_\_ NO \_\_\_\_\_ UNKNOWN \_\_\_\_\_

Are you aware of any AULs, such as *engineering controls*, land use restrictions or *institutional controls* that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?

YES \_\_\_\_\_ NO \_\_\_\_\_ UNKNOWN \_\_\_\_\_

Do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former *occupants* of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

YES \_\_\_\_\_ NO \_\_\_\_\_ UNKNOWN \_\_\_\_\_

If YES, explain:

Does the purchase price being paid for this property reasonably reflect the fair market value of the property?

YES \_\_\_\_\_ NO \_\_\_\_\_ UNKNOWN \_\_\_\_\_

If you concluded that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?

YES \_\_\_\_\_ NO \_\_\_\_\_ UNKNOWN \_\_\_\_\_

If YES, explain:

Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases?

YES \_\_\_\_\_ NO \_\_\_\_\_ UNKNOWN \_\_\_\_\_

If YES, explain:

**ASTM E1527-05 / ALL APPROPRIATE INQUIRY REQUIREMENTS, CONT;**

Based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of contamination at the property?  
YES \_\_\_\_\_ NO \_\_\_\_\_ UNKNOWN \_\_\_\_\_

If YES, explain:

Will a summary of and/or actual land title records and lien records filed under federal, tribal, state, or local law be provided to HTE for review to identify environmental liens or activity and use limitations as required under ASTM E1527-05 for all appropriate inquiry prior to the issuance of our Phase I Environmental Site Assessment?  
YES \_\_\_\_\_ NO \_\_\_\_\_

Has current and previous property owner information been identified on page 1 of this Questionnaire in order for HTE to complete the required interviews under ASTM E1527-05 for all appropriate inquiry?  
YES \_\_\_\_\_ NO \_\_\_\_\_

If NO, will current and previous property owner information be provided prior to the issuance of our Phase I Environmental Site Assessment in order for HTE to complete the required interviews under ASTM E1527-05 for all appropriate inquiry?  
YES \_\_\_\_\_ NO \_\_\_\_\_

Name of person completing questionnaire: YOSBF GRUBEA

Company affiliation: RM Title: \_\_\_\_\_

Date: 5/10/04 Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

Preparer represents that to the best of preparer's knowledge, the answers and statements made in this questionnaire are true and correct to the best of preparer's knowledge, no material facts have been suppressed or misstated.

Signature: [Signature] Date: \_\_\_\_\_

Please return the completed Questionnaire to Hydro Tech via fax and/or email to Paul I. Matli at (718) 636-0900 / [pmatli@hydrotechenvironmental.com](mailto:pmatli@hydrotechenvironmental.com).

### X3. USER QUESTIONNAIRE

#### INTRODUCTION

In order to qualify for one of the *Landowner Liability Protections (LLPs)*<sup>35</sup> offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "*Brownfields Amendments*"),<sup>36</sup> the *user* must provide the following information (if available) to the *environmental professional*. Failure to provide this information could result in a determination that "*all appropriate inquiry*" is not complete.

**(1.) Environmental cleanup liens that are filed or recorded against the site (40 CFR 312.25).**

Are you aware of any environmental cleanup liens against the *property* that are filed or recorded under federal, tribal, state or local law?

**(2.) Activity and land use limitations that are in place on the site or that have been filed or recorded in a registry (40 CFR 312.26).**

Are you aware of any AULs, such as *engineering controls*, land use restrictions or *institutional controls* that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?

**(3.) Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.28).**

As the *user* of this *ESA* do you have any specialized knowledge or experience related to the *property* or nearby properties? For example, are you involved in the same line of business as the current or former *occupants* of the *property* or an adjoining *property* so that you would have specialized knowledge of the chemicals and processes used by this type of business?

**(4.) Relationship of the purchase price to the fair market value of the property if it were not contaminated (40 CFR 312.29).**

Does the purchase price being paid for this *property* reasonably reflect the fair market value of the *property*? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the *property*?

**(5.) Commonly known or reasonably ascertainable information about the property (40 CFR 312.30).**

Are you aware of commonly known or *reasonably ascertainable* information about the *property* that would help the *environmental professional* to identify conditions indicative of releases or threatened releases? For example, as *user*,

- (a.) Do you know the past uses of the *property*?
- (b.) Do you know of specific chemicals that are present or once were present at the *property*?
- (c.) Do you know of spills or other chemical releases that have taken place at the *property*?
- (d.) Do you know of any environmental cleanups that have taken place at the *property*?

**(6.) The degree of obviousness of the presence of likely presence of contamination at the property, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31).**

As the *user* of this *ESA*, based on your knowledge and experience related to the *property* are there any *obvious* indicators that point to the presence or likely presence of contamination at the *property*?

<sup>35</sup> *Landowner Liability Protections*, or *LLPs*, is the term used to describe the three types of potential defenses to Superfund liability in EPA's *Interim Guidance Regarding Criteria Landowners Must Meet in Order to Qualify for Bona Fide Prospective Purchaser, Contiguous Property Owner, or Innocent Landowner Limitations on CERCLA Liability* ("Common Elements" Guide) issued on March 6, 2003.

<sup>36</sup> P.L. 107-118.

X3.1 In addition, certain information should be collected, if available, and provided to the *environmental professional* selected to conduct the Phase I. This information is intended to assist the *environmental professional* but is not necessarily required to qualify for one of the *LLPs*. The information includes:

- (a) the reason why the Phase I is required,
- (b) the type of *property* and type of *property* transaction, for example, sale, purchase, exchange, etc.,

(c) the complete and correct address for the *property* (a map or other documentation showing *property* location and boundaries is helpful),

(d) the scope of services desired for the Phase I (including whether any parties to the *property* transaction may have a required standard scope of services on whether any considerations beyond the requirements of Practice E 1527 are to be considered),

(e) identification of all parties who will rely on the Phase I report,

APPENDIX H  
CREDENTIALS



- 2000 – 2001            Assistant Director, Professional Services  
Fenley & Nicol Environmental, Inc., Deer Park, New York
- 1999 – 2000            Senior Geologist  
Fenley & Nicol Environmental, Inc. Deer Park, New York
- 1995 – 1999            Operations Director  
Advanced Cleanup Technologies, Inc., Farmingdale, New  
York
- 1992 – 1995            Project Geologist  
Advanced Cleanup Technologies, Inc., Roslyn Heights, New York

#### Education

B.S. Geology, State University of New York at Oneonta, 1991

#### Affiliations and Certifications

- American Institute of Professional Geologists
- American Association of Petroleum Geologists
- Long Island Geologist Organization
- Geological Society of America
- American Standards in Testing Materials – E50 Committee Member
- Environmental Assessment Association
- OSHA 40-Hour & 8-Hour, Supervisor

#### Registrations and Certifications

- Certified Professional Geologist (C.P.G. # 10527)
- Certified Environmental Inspector (C.E.I. # 73383)
- GPR Operator’s Course, Geophysical Survey Systems, Inc., 1993.

#### Publications/Presentations

- *A Case Study of the Impact of MTBE on the Investigation and Remediation of a Fuel Oil Release*, National Groundwater Focus Conference MTBE in Groundwater: Assessment, Remediation Technologies & Public Policy, Baltimore, MD June 4-5, 2001.
- *Is MTBE in Fuel Oil? Why MTBE Plays a Major Concern on Long Island*, Long Island Business News, February 2001.

**APPENDIX B**  
**PHOTOGRAPHS**













## **APPENDIX C**

### **GPR REPORT**



# Hydro Tech Environmental, Corp.

Main Office  
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Hauppauge, New York 11788  
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NYC Office  
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Brooklyn, New York 11225  
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WWW.HYDROTECHENVIRONMENTAL.COM

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December 20<sup>th</sup>, 2011

Mr. Yossi Gruber  
M & Y Developers, Inc.  
713 Bedford Avenue, Apt 1  
Brooklyn, NY 11206

**Re: GPR Survey –1309 38<sup>TH</sup> Street, Brooklyn NY  
Hydro Tech Job No. 110171**

Dear Mr. Gruber:

As per your request, Hydro Tech Environmental, Corp. has performed a Ground Penetrating Radar (GPR) survey at the above referenced Site. The GPR survey was conducted to investigate all accessible areas of the site. Some access limitations were encountered during the survey due to the presence of parked trucks and equipment on site.

## **SITE DETAILS**

The Site is located approximate 50 feet east of the intersection of 38<sup>th</sup> Street and 13<sup>th</sup> Avenue in Brooklyn. The property is a rectangular-shaped lot. **Figure 1** provides a Site Plan.

## **DESCRIPTION OF FIELDWORK**

The GPR survey was performed on December 12<sup>th</sup>, 2011 utilizing a GSSI SIR-3000 Control Unit and a 400-megahertz shielded antenna. Prior to the commencement of the survey a visual inspection of the property was performed to identify specific areas where USTs could be present.

The GPR takes one “scan” per set unit. The number of scans per unit is based upon the estimated sizes of targets. Based upon the typical size of a UST, the GPR was set to run at 50 scans per foot. As each scan is performed, the antenna emits specific radar amplitude into the subsurface. The amplitude of the radar reflected back to the antenna is based upon the differences in the dielectric constants of the subsurface materials. The difference in amplitude obtained during each scan is then graphically displayed on the Control Unit, which are then interpreted by the GPR operator the time of the survey. Additional interpretations are then conducted in the office utilizing specialized computer software.

Mr. Gruber  
December 20<sup>th</sup>, 2011  
Page 2

**GPR RESULTS**

One (1) anomaly was identified during the survey. This anomaly is approximately twelve (6) feet in length and is located beneath the concrete parking lot in the northeastern portion of the site.

No other types of anomalies indicative of any other underground structures were found during the survey.

I hope that this information has proven valuable to this phase of your assessment. Should you have any questions, please feel free to contact our office at your convenience.

Very Truly Yours,  
**Hydro Tech Environmental, Corp.**



Carlos Quinonez  
Field Manager

Encs.  
cc: Hydro Tech File 110171 w/Encs.

## **EXCLUSIONS & DISCLAIMER**

The observations described in this report were made under the conditions stated therein. The conclusions presented in the report were based solely upon the services described therein, and not on scientific tasks or procedures beyond the scope of described services or the time and budgetary constraints imposed by the Client.

Observations were made of the subject property and/or of structures on the subject property as indicated within the report. Where access to portions of the subject property or to structures on the subject property was unavailable or limited, **Hydro Tech Environmental, Corp.** renders no opinion as to the presence of non-hazardous or hazardous materials, or to the presence of indirect evidence relating to a non hazardous or hazardous materials, in that portion of the subject property or structure. In addition, **Hydro Tech Environmental, Corp.** renders no opinion as to the presence of hazardous materials, or the presence of indirect evidence relating to hazardous materials, where direct observation of the interior walls, floors, or ceiling of a structure on a subject property was obstructed by objects or coverings on or over these surfaces.

The conclusions and recommendations contained in this report are based in part, where noted, upon various types of chemical data and are contingent upon their validity. The data have been reviewed and interpretations were made in the report. As indicated within the report, some of the data may be preliminary "screening" level data, and should be confirmed with quantitative analyses if more specific information is necessary. Moreover, it should be noted that variations in the types and concentrations of contaminants and variations in their flow paths may occur due to seasonal water table fluctuations, past disposal practices, the passage of time, and other factors. Should additional chemical data become available in the future, the data should be reviewed, and the conclusions and recommendations presented herein modified accordingly.

Any GPR survey described above was performed in accordance with good commercial and customary practice and generally accepted protocols within the consulting industry. **Hydro Tech Environmental, Corp.** does not accept responsibility for survey limitations due to inherent technological limitations or site specific conditions, however, made appropriate effort to identify and notify the client of such limitations and conditions. In particular, please note that the survey described above does not represent a full utility clearance survey, and does not relieve any party of applicable legal obligations to notify a utility one-call service prior to excavating or drilling.

**APPENDIX D**  
**SOIL BORING LOGS**



# Hydro Tech Environmental, Corp.

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 www.hydrotechenvironmental.com

NYC Office

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 Brooklyn, New York 11225  
 T (718) 636-0800 · F (718) 636-0900

## Soil Probe Log

Job No:	Date: 11/08/11	Page: 1 of 1
Location:	1309-1321 38th Street Brooklyn, NY	Sampling Interval: 2 Feet
Boring No.:	SP-2	Sampling Method: Grab
Drilling Method:	Direct Push	Driller: Efrain
Total Depth:	8 Feet	Depth to Water: N/A

### USCS SYMBOLS

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

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
---------------------------------	-------------------	------	------------------

0	0.0	SP	fill material mixed with black granular sand and concrete, no odor
-2	0.0	SP	light brown fine to coarse sand with pebbles
-4	0.0	SP	dark brown sand with pebbles and rocks
-6	0.0	SP	brown sandy soil mixed with bricks, rocks and pebbles, no odor
-8			



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# Soil Probe Log

Job No:	Date: 11/09/11	Page: 1 of 1
Location:	1309-1321 38th Street Brooklyn, NY	Sampling Interval: 2 Feet
Boring No.:	SP-3	Sampling Method: Grab
Drilling Method:	Direct Push	Driller: Efrain
Total Depth:	8 Feet	Depth to Water: N/A

### USCS SYMBOLS

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

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
---------------------------------	-------------------	------	------------------

0	0.0	SP	fill material mixed with black granular sand and concrete, no odor
-2	0.0	SP	light brown fine to coarse sand with pebbles
-4	0.0	SP	dark brown sand with pebbles and rocks
-6	0.0	SP	brown sandy soil mixed with bricks, rocks and pebbles, no odor
-8			



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## Soil Probe Log

Job No:	Date: 11/08/11	Page: 1 of 1
Location: 1309-1321 38th Street Brooklyn, NY	Sampling Interval: 2 Feet	Sampling Method: Grab
Boring No.: SP-4	Driller: Efrain	Depth to Water: N/A
Drilling Method: Direct Push		
Total Depth: 8 Feet		

### USCS SYMBOLS

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

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
---------------------------------	-------------------	------	------------------

0	0.0	SP	fill material mixed with glass particles and pebbles, no odor
-2	0.0	SP	brown medium to fine sand, no odor
-4	0.0	SP	concrete and rocks
-6	0.0	SP	dark brown sandy soil mixed with pebbles and rocks, no odor
-8			



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## Soil Probe Log

Job No:	Date: 01/11/12	Page: 1 of 1
Location: 1309-1321 38th Street Brooklyn, NY	Sampling Interval: 2 Feet	Sampling Method: Grab
Boring No.: SP-5	Driller: Efrain	Depth to Water: N/A
Drilling Method: Direct Push		
Total Depth: 8 Feet		

### USCS SYMBOLS

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

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
---------------------------------	-------------------	------	------------------

0	0.0	SP	fill material mixed with black granular sand
-2	0.0	SP	light brown fine to coarse sand with pebbles
-4	0.0	SP	dark brown sand with pebbles
-6	0.0	SP	brown sandy soil mixed with pebbles
-8			



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# Soil Probe Log

Job No:	Date: 11/08/11	Page: 1 of 1
Location: 1309-1321 38th Street Brooklyn, NY	Sampling Interval: 2 Feet	Sampling Method: Grab
Boring No.: SP-6	Driller: Efrain	Depth to Water: N/A
Drilling Method: Direct Push		
Total Depth: 8 Feet		

### USCS SYMBOLS

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

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
---------------------------------	-------------------	------	------------------

0	0.0	SP	fill material mixed with asphalt, no odor
-2	0.0	SP	blackish, dark brown sand pack, odor
-4	0.0	SP	gray, brown sand pack, no odor
-6	0.0	SP	brown medium to fine sand with rocks and bricks, no odor
-8			



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## Soil Probe Log

Job No:	Date: 11/08/11	Page: 1 of 1
Location:	1309-1321 38th Street Brooklyn, NY	Sampling Interval: 2 Feet
Boring No.:	SP-7	Sampling Method: Grab
Drilling Method:	Direct Push	Driller: Efrain
Total Depth:	8 Feet	Depth to Water: N/A

### USCS SYMBOLS

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

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
---------------------------------	-------------------	------	------------------

0	0.0	SP	fill material mixed with black granular sand and concrete, no odor
-2	0.0	SP	light brown fine to coarse sand with pebbles
-4	0.0	SP	dark brown sand with pebbles and rocks
-6	0.0	SP	brown sandy soil mixed with bricks, rocks and pebbles, no odor
-8			

## **APPENDIX E**

### **MONITORING WELL CONSTRUCTION**

**HYDRO TECH ENVIRONMENTAL**

77 Arkay Drive, Suite G  
Hauppauge, New York 11788



**WELL CONSTRUCTION LOG**

Project 1309 38th Street Date January 19, 2012

Client Yossi Gruber  
Brooklyn, NY

Location 1309-1321 38th Street  
Brooklyn, NY

Well No. MW-3 Sample Method N/A

Drilling Method Direct Push Driller Efrain

Total Depth 65 feet Total Riser Length 50 feet

Total Screen Length 15 feet Depth to Water approx. 55 feet

Depth Below Grade (ft)	Sample Interval (ft)	PID Reading (ppm)	Soil Description
2			8" OD Bolt down manhole
			1' - 2' - Bentonite Seal/ Concrete
			0' - 50' - 1" OD PVC Riser
4			
6			
8			
			50' - 65' - 1" OD PVC Screen (0.010" slot)
10			- #2 Morie Sand
12			
14			
16			
18			
20			
22			
24	PVC Riser		
26			
28			
30			
32			
34			
36			
38			
40			
42			
44			
46			
48			
50			
52			
54			
56	PVC Screen		
58	0.010"		
60			
62			
64			

## **APPENDIX F**

### **LABORATORY DELIVERABLES FOR SOIL ANALYTICAL DATA**

# Technical Report

prepared for:

**Hydro Tech Environmental (Brooklyn)**  
15 Ocean Avenue  
Brooklyn NY, 11225  
**Attention: Ezgi Karayel**

Report Date: 11/17/2011  
**Client Project ID: #110171/ 1309 38th Street, Brooklyn, NY**  
York Project (SDG) No.: 11K0413

CT License No. PH-0723

New Jersey License No. CT-005



New York License No. 10854

PA License No. 68-04440

**Hydro Tech Environmental (Brooklyn)**  
15 Ocean Avenue  
Brooklyn NY, 11225  
Attention: Ezgi Karayel

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**Purpose and Results**

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on November 10, 2011 and listed below. The project was identified as your project: **#110171/ 1309 38th Street, Brooklyn, NY.**

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
11K0413-01	SP-2 (0'-2')	Soil	11/08/2011	11/10/2011
11K0413-02	SP-2 (6'-8')	Soil	11/08/2011	11/10/2011
11K0413-03	SP-4 (0'-2')	Soil	11/08/2011	11/10/2011
11K0413-04	SP-4 (6'-8')	Soil	11/08/2011	11/10/2011
11K0413-05	SP-6 (0'-2')	Soil	11/08/2011	11/10/2011
11K0413-06	SP-6 (6'-8')	Soil	11/08/2011	11/10/2011
11K0413-07	SP-7 (0'-2')	Soil	11/08/2011	11/10/2011
11K0413-08	SP-7 (6'-8')	Soil	11/08/2011	11/10/2011
11K0413-09	SP-3 (0'-2')	Soil	11/09/2011	11/10/2011
11K0413-10	SP-3 (6'-8')	Soil	11/09/2011	11/10/2011
11K0413-11	Field Blank	Water	11/09/2011	11/10/2011
11K0413-12	Trip Blank	Water	11/09/2011	11/10/2011

## **General Notes for York Project (SDG) No.: 11K0413**

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

**Approved By:**



**Date:** 11/17/2011

Robert Q. Bradley  
Executive Vice President / Laboratory Director



**Sample Information**

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

**York Sample ID:** 11K0413-01

York Project (SDG) No.  
11K0413

Client Project ID  
#110171/ 1309 38th Street, Brooklyn, NY

Matrix  
Soil

Collection Date/Time  
November 8, 2011 3:00 pm

Date Received  
11/10/2011

**Volatile Organics, NYSDEC Part 375 List**

**Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	12	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 08:43	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.9	12	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 08:43	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.6	12	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 08:43	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.4	12	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 08:43	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.6	12	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 08:43	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.8	12	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 08:43	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.0	12	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 08:43	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 08:43	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.8	12	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 08:43	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	85	1200	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 08:43	SS
78-93-3	2-Butanone	ND		ug/kg dry	6.9	25	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 08:43	SS
67-64-1	<b>Acetone</b>	<b>24</b>	J	ug/kg dry	8.4	25	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 08:43	SS
71-43-2	Benzene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 08:43	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	12	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 08:43	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.94	12	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 08:43	SS
67-66-3	Chloroform	ND		ug/kg dry	0.97	12	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 08:43	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	12	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 08:43	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.94	12	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 08:43	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.0	12	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 08:43	SS
75-09-2	<b>Methylene chloride</b>	<b>39</b>	B	ug/kg dry	2.9	25	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 08:43	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	0.86	12	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 08:43	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.6	12	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 08:43	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 08:43	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	1.5	25	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 08:43	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.4	12	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 08:43	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.2	12	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 08:43	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.4	12	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 08:43	SS
108-88-3	Toluene	ND		ug/kg dry	0.62	12	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 08:43	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.8	12	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 08:43	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 08:43	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	12	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 08:43	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.8	37	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 08:43	SS
	<b>Surrogate Recoveries</b>	<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	105 %			72.6-129						
460-00-4	Surrogate: p-Bromofluorobenzene	94.1 %			63.5-145						

### Sample Information

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

**York Sample ID:** 11K0413-01

York Project (SDG) No.  
11K0413

Client Project ID  
#110171/ 1309 38th Street, Brooklyn, NY

Matrix  
Soil

Collection Date/Time  
November 8, 2011 3:00 pm

Date Received  
11/10/2011

**Volatile Organics, NYSDEC Part 375 List**

**Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	Surrogate: Toluene-d8	90.9 %			86.6-116						

**Semi-Volatiles, NYSDEC Part 375 List**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/kg dry	76.5	208	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:15	TD
100-01-6	3- & 4-Methylphenols	ND		ug/kg dry	93.5	208	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:15	TD
83-32-9	Acenaphthene	ND		ug/kg dry	120	208	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:15	TD
208-96-8	Acenaphthylene	ND		ug/kg dry	58.2	208	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:15	TD
120-12-7	<b>Anthracene</b>	<b>212</b>		ug/kg dry	51.5	208	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:15	TD
56-55-3	<b>Benzo(a)anthracene</b>	<b>812</b>		ug/kg dry	80.4	208	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:15	TD
50-32-8	<b>Benzo(a)pyrene</b>	<b>474</b>		ug/kg dry	54.2	208	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:15	TD
205-99-2	<b>Benzo(b)fluoranthene</b>	<b>745</b>		ug/kg dry	79.1	208	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:15	TD
191-24-2	<b>Benzo(g,h,i)perylene</b>	<b>224</b>		ug/kg dry	62.5	208	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:15	TD
207-08-9	<b>Benzo(k)fluoranthene</b>	<b>487</b>		ug/kg dry	80.5	208	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:15	TD
218-01-9	<b>Chrysene</b>	<b>801</b>		ug/kg dry	83.8	208	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:15	TD
53-70-3	<b>Dibenzo(a,h)anthracene</b>	<b>128</b>	J	ug/kg dry	52.5	208	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:15	TD
132-64-9	Dibenzofuran	ND		ug/kg dry	67.1	208	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:15	TD
206-44-0	<b>Fluoranthene</b>	<b>1330</b>		ug/kg dry	120	208	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:15	TD
86-73-7	<b>Fluorene</b>	<b>83.5</b>	J	ug/kg dry	58.2	208	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:15	TD
118-74-1	Hexachlorobenzene	ND		ug/kg dry	33.9	208	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:15	TD
193-39-5	<b>Indeno(1,2,3-cd)pyrene</b>	<b>176</b>	J	ug/kg dry	76.6	208	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:15	TD
91-20-3	Naphthalene	ND		ug/kg dry	62.1	208	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:15	TD
87-86-5	Pentachlorophenol	ND		ug/kg dry	58.2	208	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:15	TD
85-01-8	<b>Phenanthrene</b>	<b>1040</b>		ug/kg dry	76.7	208	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:15	TD
108-95-2	Phenol	ND		ug/kg dry	83.2	208	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:15	TD
129-00-0	<b>Pyrene</b>	<b>1820</b>		ug/kg dry	74.6	208	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:15	TD
	<b>Surrogate Recoveries</b>	<b>Result</b>									<b>Acceptance Range</b>
5175-83-7	Surrogate: 2,4,6-Tribromophenol	75.8 %									15-110
321-60-8	Surrogate: 2-Fluorobiphenyl	56.2 %									30-130
367-12-4	Surrogate: 2-Fluorophenol	64.6 %									15-110
4165-60-0	Surrogate: Nitrobenzene-d5	56.5 %									30-130
4165-62-2	Surrogate: Phenol-d5	54.7 %									15-110
1718-51-0	Surrogate: Terphenyl-d14	81.4 %									30-130

**Sample Information**

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

**York Sample ID:** 11K0413-01

York Project (SDG) No.  
11K0413

Client Project ID  
#110171/ 1309 38th Street, Brooklyn, NY

Matrix  
Soil

Collection Date/Time  
November 8, 2011 3:00 pm

Date Received  
11/10/2011

**Pesticides, NYSDEC Part 375 Target List**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.47	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/15/2011 12:48	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.89	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/15/2011 12:48	JW
50-29-3	<b>4,4'-DDT</b>	<b>61.7</b>		ug/kg dry	1.48	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/15/2011 12:48	JW
309-00-2	Aldrin	ND		ug/kg dry	2.11	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/15/2011 12:48	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.49	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/15/2011 12:48	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.86	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/15/2011 12:48	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.08	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/15/2011 12:48	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.80	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/15/2011 12:48	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.95	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/15/2011 12:48	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.60	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/15/2011 12:48	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.02	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/15/2011 12:48	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.69	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/15/2011 12:48	JW
72-20-8	Endrin	ND		ug/kg dry	2.00	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/15/2011 12:48	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.29	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/15/2011 12:48	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.63	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/15/2011 12:48	JW
	<b>Surrogate Recoveries</b>	<b>Result</b>				<b>Acceptance Range</b>					
2051-24-3	Surrogate: Decachlorobiphenyl	93.0 %				30-150					
877-09-8	Surrogate: Tetrachloro-m-xylene	108 %				30-150					

**Polychlorinated Biphenyls (PCB)**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.00985	0.0212	1	EPA SW 846-8082	11/14/2011 08:00	11/15/2011 15:13	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.00985	0.0212	1	EPA SW 846-8082	11/14/2011 08:00	11/15/2011 15:13	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.00985	0.0212	1	EPA SW 846-8082	11/14/2011 08:00	11/15/2011 15:13	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.00985	0.0212	1	EPA SW 846-8082	11/14/2011 08:00	11/15/2011 15:13	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.00985	0.0212	1	EPA SW 846-8082	11/14/2011 08:00	11/15/2011 15:13	JW
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.00848	0.0212	1	EPA SW 846-8082	11/14/2011 08:00	11/15/2011 15:13	JW
11096-82-5	<b>Aroclor 1260</b>	<b>0.475</b>		mg/kg dry	0.00848	0.0212	1	EPA SW 846-8082	11/14/2011 08:00	11/15/2011 15:13	JW
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.00848	0.0212	1	EPA SW 846-8082	11/14/2011 08:00	11/15/2011 15:13	JW
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.00848	0.0212	1	EPA SW 846-8082	11/14/2011 08:00	11/15/2011 15:13	JW
1336-36-3	<b>Total PCBs</b>	<b>0.475</b>		mg/kg dry	0.00848	0.0212	1	EPA SW 846-8082	11/14/2011 08:00	11/15/2011 15:13	JW
	<b>Surrogate Recoveries</b>	<b>Result</b>				<b>Acceptance Range</b>					
2051-24-3	Surrogate: Decachlorobiphenyl	73.5 %				30-150					
877-09-8	Surrogate: Tetrachloro-m-xylene	83.0 %				30-150					

**Sample Information**

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

**York Sample ID:** 11K0413-01

York Project (SDG) No.  
11K0413

Client Project ID  
#110171/ 1309 38th Street, Brooklyn, NY

Matrix  
Soil

Collection Date/Time  
November 8, 2011 3:00 pm

Date Received  
11/10/2011

**Metals, Target Analyte**

**Sample Notes:**

Sample Prepared by Method: EPA SW 846-3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	8130		mg/kg dry	1.57	2.49	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 22:49	MW
7440-36-0	Antimony	5.15		mg/kg dry	0.175	0.623	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 22:49	MW
7440-38-2	Arsenic	18.1		mg/kg dry	0.237	0.623	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 22:49	MW
7440-39-3	Barium	392		mg/kg dry	0.299	0.623	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 22:49	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.010	0.012	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 22:49	MW
7440-43-9	Cadmium	7.67		mg/kg dry	0.162	0.623	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 22:49	MW
7440-70-2	Calcium	3600		mg/kg dry	0.054	2.49	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 22:49	MW
7440-47-3	Chromium	133		mg/kg dry	0.100	0.623	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 22:49	MW
7440-48-4	Cobalt	11.3		mg/kg dry	0.100	0.623	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 22:49	MW
7440-50-8	Copper	226		mg/kg dry	0.175	0.623	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 22:49	MW
7439-89-6	Iron	84300		mg/kg dry	0.686	1.25	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 22:49	MW
7439-92-1	Lead	1150		mg/kg dry	0.125	0.374	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 22:49	MW
7439-95-4	Magnesium	1930		mg/kg dry	1.02	2.49	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 22:49	MW
7439-96-5	Manganese	925		mg/kg dry	0.100	1.25	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 22:49	MW
7440-02-0	Nickel	106		mg/kg dry	0.087	0.623	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 22:49	MW
7440-09-7	Potassium	542		mg/kg dry	3.39	12.5	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 22:49	MW
7782-49-2	Selenium	ND		mg/kg dry	0.263	0.623	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 22:49	MW
7440-22-4	Silver	ND		mg/kg dry	0.112	0.623	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 22:49	MW
7440-23-5	Sodium	143		mg/kg dry	8.38	12.5	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 22:49	MW
7440-28-0	Thallium	ND		mg/kg dry	0.237	0.623	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 22:49	MW
7440-62-2	Vanadium	32.4		mg/kg dry	0.100	0.623	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 22:49	MW
7440-66-6	Zinc	775		mg/kg dry	0.087	0.623	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 22:49	MW

**Mercury by 7470/7471**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.121	0.125	1	EPA SW846-7471	11/14/2011 16:59	11/14/2011 16:59	AA

**Sample Information**

**Client Sample ID:** SP-2 (0'-2') **York Sample ID:** 11K0413-01  
**York Project (SDG) No.** 11K0413 **Client Project ID** #110171/ 1309 38th Street, Brooklyn, NY **Matrix** Soil **Collection Date/Time** November 8, 2011 3:00 pm **Date Received** 11/10/2011

**Total Solids**

**Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	80.2		%	0.100	0.100	1	SM 2540G	11/15/2011 15:03	11/15/2011 15:03	AMC

**Chromium, Hexavalent**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.436	0.623	1	SW846-7196A	11/15/2011 13:23	11/15/2011 13:23	AD

**Chromium, Trivalent**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	Chromium, Trivalent	133		mg/kg	0.250	0.500	1	CALCULATION	11/16/2011 13:19	11/16/2011 13:20	AD

**Sample Information**

**Client Sample ID:** SP-2 (6'-8') **York Sample ID:** 11K0413-02  
**York Project (SDG) No.** 11K0413 **Client Project ID** #110171/ 1309 38th Street, Brooklyn, NY **Matrix** Soil **Collection Date/Time** November 8, 2011 3:00 pm **Date Received** 11/10/2011

**Volatile Organics, NYSDEC Part 375 List**

**Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.2	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 09:24	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 09:24	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.1	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 09:24	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 09:24	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 09:24	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 09:24	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	0.86	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 09:24	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 09:24	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 09:24	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	73	1100	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 09:24	SS
78-93-3	2-Butanone	7.5	J	ug/kg dry	6.0	22	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 09:24	SS
67-64-1	Acetone	64		ug/kg dry	7.2	22	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 09:24	SS
71-43-2	Benzene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 09:24	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.4	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 09:24	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.81	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 09:24	SS
67-66-3	Chloroform	ND		ug/kg dry	0.84	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 09:24	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.2	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 09:24	SS

### Sample Information

**Client Sample ID:** SP-2 (6'-8')

**York Sample ID:** 11K0413-02

York Project (SDG) No.  
11K0413

Client Project ID  
#110171/ 1309 38th Street, Brooklyn, NY

Matrix  
Soil

Collection Date/Time  
November 8, 2011 3:00 pm

Date Received  
11/10/2011

**Volatile Organics, NYSDEC Part 375 List**

**Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.81	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 09:24	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	0.88	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 09:24	SS
75-09-2	<b>Methylene chloride</b>	<b>86</b>	B	ug/kg dry	2.5	22	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 09:24	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	0.74	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 09:24	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 09:24	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 09:24	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	1.3	22	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 09:24	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 09:24	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 09:24	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 09:24	SS
108-88-3	Toluene	ND		ug/kg dry	0.53	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 09:24	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 09:24	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 09:24	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 09:24	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.4	32	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 09:24	SS
	<b>Surrogate Recoveries</b>	<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	115 %			72.6-129						
460-00-4	Surrogate: p-Bromofluorobenzene	96.8 %			63.5-145						
2037-26-5	Surrogate: Toluene-d8	90.1 %			86.6-116						

**Semi-Volatiles, NYSDEC Part 375 List**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/kg dry	66.0	179	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:47	TD
100-01-6	3- & 4-Methylphenols	ND		ug/kg dry	80.7	179	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:47	TD
83-32-9	Acenaphthene	ND		ug/kg dry	104	179	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:47	TD
208-96-8	Acenaphthylene	ND		ug/kg dry	50.3	179	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:47	TD
120-12-7	Anthracene	ND		ug/kg dry	44.5	179	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:47	TD
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	69.4	179	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:47	TD
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	46.8	179	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:47	TD
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	68.3	179	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:47	TD
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	53.9	179	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:47	TD
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	69.4	179	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:47	TD
218-01-9	Chrysene	ND		ug/kg dry	72.3	179	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:47	TD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	45.3	179	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:47	TD
132-64-9	Dibenzofuran	ND		ug/kg dry	57.9	179	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:47	TD

### Sample Information

**Client Sample ID:** SP-2 (6'-8')

**York Sample ID:** 11K0413-02

York Project (SDG) No.  
11K0413

Client Project ID  
#110171/ 1309 38th Street, Brooklyn, NY

Matrix  
Soil

Collection Date/Time  
November 8, 2011 3:00 pm

Date Received  
11/10/2011

**Semi-Volatiles, NYSDEC Part 375 List**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	Fluoranthene	ND		ug/kg dry	104	179	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:47	TD
86-73-7	Fluorene	ND		ug/kg dry	50.3	179	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:47	TD
118-74-1	Hexachlorobenzene	ND		ug/kg dry	29.2	179	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:47	TD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	66.1	179	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:47	TD
91-20-3	Naphthalene	ND		ug/kg dry	53.6	179	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:47	TD
87-86-5	Pentachlorophenol	ND		ug/kg dry	50.3	179	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:47	TD
85-01-8	Phenanthrene	ND		ug/kg dry	66.2	179	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:47	TD
108-95-2	Phenol	ND		ug/kg dry	71.8	179	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:47	TD
129-00-0	Pyrene	65.6	J	ug/kg dry	64.4	179	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:47	TD
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
5175-83-7	Surrogate: 2,4,6-Tribromophenol	51.9 %	15-110								
321-60-8	Surrogate: 2-Fluorobiphenyl	41.5 %	30-130								
367-12-4	Surrogate: 2-Fluorophenol	45.5 %	15-110								
4165-60-0	Surrogate: Nitrobenzene-d5	40.3 %	30-130								
4165-62-2	Surrogate: Phenol-d5	38.1 %	15-110								
1718-51-0	Surrogate: Terphenyl-d14	49.2 %	30-130								

**Pesticides, NYSDEC Part 375 Target List**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.47	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 13:49	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.89	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 13:49	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.48	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 13:49	JW
309-00-2	Aldrin	ND		ug/kg dry	2.11	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 13:49	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.49	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 13:49	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.86	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 13:49	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.08	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 13:49	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.80	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 13:49	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.95	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 13:49	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.60	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 13:49	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.02	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 13:49	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.69	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 13:49	JW
72-20-8	Endrin	ND		ug/kg dry	2.00	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 13:49	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.29	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 13:49	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.63	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 13:49	JW
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
2051-24-3	Surrogate: Decachlorobiphenyl	78.4 %	30-150								

**Sample Information**

**Client Sample ID:** SP-2 (6'-8')

**York Sample ID:** 11K0413-02

**York Project (SDG) No.**  
11K0413

**Client Project ID**  
#110171/ 1309 38th Street, Brooklyn, NY

**Matrix**  
Soil

**Collection Date/Time**  
November 8, 2011 3:00 pm

**Date Received**  
11/10/2011

**Pesticides, NYSDEC Part 375 Target List**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
877-09-8	Surrogate: Tetrachloro-m-xylene	67.6 %			30-150						

**Polychlorinated Biphenyls (PCB)**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.00850	0.0183	1	EPA SW 846-8082	11/14/2011 08:00	11/14/2011 14:28	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.00850	0.0183	1	EPA SW 846-8082	11/14/2011 08:00	11/14/2011 14:28	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.00850	0.0183	1	EPA SW 846-8082	11/14/2011 08:00	11/14/2011 14:28	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.00850	0.0183	1	EPA SW 846-8082	11/14/2011 08:00	11/14/2011 14:28	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.00850	0.0183	1	EPA SW 846-8082	11/14/2011 08:00	11/14/2011 14:28	JW
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.00732	0.0183	1	EPA SW 846-8082	11/14/2011 08:00	11/14/2011 14:28	JW
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.00732	0.0183	1	EPA SW 846-8082	11/14/2011 08:00	11/14/2011 14:28	JW
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.00732	0.0183	1	EPA SW 846-8082	11/14/2011 08:00	11/14/2011 14:28	JW
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.00732	0.0183	1	EPA SW 846-8082	11/14/2011 08:00	11/14/2011 14:28	JW
1336-36-3	Total PCBs	ND		mg/kg dry	0.00732	0.0183	1	EPA SW 846-8082	11/14/2011 08:00	11/14/2011 14:28	JW
	<b>Surrogate Recoveries</b>	<b>Result</b>			<b>Acceptance Range</b>						
2051-24-3	Surrogate: Decachlorobiphenyl	73.0 %			30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	59.0 %			30-150						

**Metals, Target Analyte**

**Sample Notes:**

Sample Prepared by Method: EPA SW 846-3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	<b>Aluminum</b>	<b>13200</b>		mg/kg dry	1.36	2.15	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 22:57	MW
7440-36-0	Antimony	ND		mg/kg dry	0.151	0.538	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 22:57	MW
7440-38-2	<b>Arsenic</b>	<b>4.76</b>		mg/kg dry	0.204	0.538	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 22:57	MW
7440-39-3	<b>Barium</b>	<b>65.6</b>		mg/kg dry	0.258	0.538	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 22:57	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.009	0.011	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 22:57	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.140	0.538	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 22:57	MW
7440-70-2	<b>Calcium</b>	<b>2630</b>		mg/kg dry	0.047	2.15	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 22:57	MW
7440-47-3	<b>Chromium</b>	<b>29.3</b>		mg/kg dry	0.086	0.538	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 22:57	MW
7440-48-4	<b>Cobalt</b>	<b>11.9</b>		mg/kg dry	0.086	0.538	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 22:57	MW
7440-50-8	<b>Copper</b>	<b>29.2</b>		mg/kg dry	0.151	0.538	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 22:57	MW
7439-89-6	<b>Iron</b>	<b>19100</b>		mg/kg dry	0.592	1.08	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 22:57	MW
7439-92-1	<b>Lead</b>	<b>26.3</b>		mg/kg dry	0.108	0.323	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 22:57	MW
7439-95-4	<b>Magnesium</b>	<b>7250</b>		mg/kg dry	0.882	2.15	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 22:57	MW
7439-96-5	<b>Manganese</b>	<b>318</b>		mg/kg dry	0.086	1.08	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 22:57	MW
7440-02-0	<b>Nickel</b>	<b>46.4</b>		mg/kg dry	0.075	0.538	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 22:57	MW
7440-09-7	<b>Potassium</b>	<b>2740</b>		mg/kg dry	2.93	10.8	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 22:57	MW

## Sample Information

**Client Sample ID:** SP-2 (6'-8')

**York Sample ID:** 11K0413-02

**York Project (SDG) No.**  
11K0413

**Client Project ID**  
#110171/ 1309 38th Street, Brooklyn, NY

**Matrix**  
Soil

**Collection Date/Time**  
November 8, 2011 3:00 pm

**Date Received**  
11/10/2011

**Metals, Target Analyte**

**Sample Notes:**

Sample Prepared by Method: EPA SW 846-3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7782-49-2	Selenium	ND		mg/kg dry	0.227	0.538	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 22:57	MW
7440-22-4	Silver	ND		mg/kg dry	0.097	0.538	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 22:57	MW
7440-23-5	Sodium	171		mg/kg dry	7.23	10.8	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 22:57	MW
7440-28-0	Thallium	ND		mg/kg dry	0.204	0.538	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 22:57	MW
7440-62-2	Vanadium	40.3		mg/kg dry	0.086	0.538	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 22:57	MW
7440-66-6	Zinc	62.1		mg/kg dry	0.075	0.538	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 22:57	MW

**Mercury by 7470/7471**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.104	0.108	1	EPA SW846-7471	11/14/2011 16:59	11/14/2011 16:59	AA

**Total Solids**

**Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	92.9		%	0.100	0.100	1	SM 2540G	11/15/2011 15:03	11/15/2011 15:03	AMC

**Chromium, Hexavalent**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.377	0.538	1	SW846-7196A	11/15/2011 13:23	11/15/2011 13:23	AD

**Chromium, Trivalent**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	Chromium, Trivalent	29.3		mg/kg	0.250	0.500	1	CALCULATION	11/16/2011 13:19	11/16/2011 13:20	AD

## Sample Information

**Client Sample ID:** SP-4 (0'-2')

**York Sample ID:** 11K0413-03

**York Project (SDG) No.**  
11K0413

**Client Project ID**  
#110171/ 1309 38th Street, Brooklyn, NY

**Matrix**  
Soil

**Collection Date/Time**  
November 8, 2011 3:00 pm

**Date Received**  
11/10/2011

**Volatile Organics, NYSDEC Part 375 List**

**Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	12	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 10:05	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.8	12	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 10:05	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.5	12	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 10:05	SS

### Sample Information

**Client Sample ID:** SP-4 (0'-2')

**York Sample ID:** 11K0413-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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11K0413

#110171/ 1309 38th Street, Brooklyn, NY

Soil

November 8, 2011 3:00 pm

11/10/2011

**Volatile Organics, NYSDEC Part 375 List**

**Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.4	12	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 10:05	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 10:05	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 10:05	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	0.97	12	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 10:05	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.2	12	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 10:05	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.8	12	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 10:05	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	83	1200	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 10:05	SS
78-93-3	2-Butanone	ND		ug/kg dry	6.7	24	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 10:05	SS
67-64-1	Acetone	ND		ug/kg dry	8.1	24	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 10:05	SS
71-43-2	Benzene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 10:05	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	12	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 10:05	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.91	12	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 10:05	SS
67-66-3	Chloroform	ND		ug/kg dry	0.94	12	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 10:05	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	12	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 10:05	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.91	12	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 10:05	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	0.99	12	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 10:05	SS
75-09-2	<b>Methylene chloride</b>	<b>29</b>	B	ug/kg dry	2.8	24	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 10:05	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	0.84	12	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 10:05	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 10:05	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 10:05	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	1.4	24	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 10:05	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.4	12	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 10:05	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.2	12	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 10:05	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.4	12	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 10:05	SS
108-88-3	Toluene	ND		ug/kg dry	0.60	12	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 10:05	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 10:05	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 10:05	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	12	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 10:05	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.7	36	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 10:05	SS
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	111 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	93.0 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	91.2 %	86.6-116								

### Sample Information

**Client Sample ID:** SP-4 (0'-2')

**York Sample ID:** 11K0413-03

York Project (SDG) No.  
11K0413

Client Project ID  
#110171/ 1309 38th Street, Brooklyn, NY

Matrix  
Soil

Collection Date/Time  
November 8, 2011 3:00 pm

Date Received  
11/10/2011

**Semi-Volatiles, NYSDEC Part 375 List**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/kg dry	74.1	201	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 15:19	TD
100-01-6	3- & 4-Methylphenols	ND		ug/kg dry	90.7	201	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 15:19	TD
83-32-9	Acenaphthene	ND		ug/kg dry	117	201	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 15:19	TD
208-96-8	Acenaphthylene	ND		ug/kg dry	56.5	201	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 15:19	TD
120-12-7	<b>Anthracene</b>	<b>75.0</b>	J	ug/kg dry	50.0	201	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 15:19	TD
56-55-3	<b>Benzo(a)anthracene</b>	<b>146</b>	J	ug/kg dry	78.0	201	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 15:19	TD
50-32-8	<b>Benzo(a)pyrene</b>	<b>145</b>	J	ug/kg dry	52.5	201	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 15:19	TD
205-99-2	<b>Benzo(b)fluoranthene</b>	<b>143</b>	J	ug/kg dry	76.7	201	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 15:19	TD
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	60.6	201	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 15:19	TD
207-08-9	<b>Benzo(k)fluoranthene</b>	<b>152</b>	J	ug/kg dry	78.0	201	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 15:19	TD
218-01-9	<b>Chrysene</b>	<b>149</b>	J	ug/kg dry	81.2	201	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 15:19	TD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	50.9	201	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 15:19	TD
132-64-9	Dibenzofuran	ND		ug/kg dry	65.0	201	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 15:19	TD
206-44-0	<b>Fluoranthene</b>	<b>333</b>		ug/kg dry	117	201	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 15:19	TD
86-73-7	Fluorene	ND		ug/kg dry	56.5	201	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 15:19	TD
118-74-1	Hexachlorobenzene	ND		ug/kg dry	32.8	201	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 15:19	TD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	74.3	201	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 15:19	TD
91-20-3	Naphthalene	ND		ug/kg dry	60.2	201	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 15:19	TD
87-86-5	Pentachlorophenol	ND		ug/kg dry	56.5	201	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 15:19	TD
85-01-8	<b>Phenanthrene</b>	<b>255</b>		ug/kg dry	74.3	201	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 15:19	TD
108-95-2	Phenol	ND		ug/kg dry	80.6	201	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 15:19	TD
129-00-0	<b>Pyrene</b>	<b>290</b>		ug/kg dry	72.3	201	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 15:19	TD
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
5175-83-7	Surrogate: 2,4,6-Tribromophenol	71.4 %	15-110								
321-60-8	Surrogate: 2-Fluorobiphenyl	51.3 %	30-130								
367-12-4	Surrogate: 2-Fluorophenol	55.2 %	15-110								
4165-60-0	Surrogate: Nitrobenzene-d5	48.8 %	30-130								
4165-62-2	Surrogate: Phenol-d5	46.4 %	15-110								
1718-51-0	Surrogate: Terphenyl-d14	62.0 %	30-130								

**Sample Information**

**Client Sample ID:** SP-4 (0'-2')

**York Sample ID:** 11K0413-03

York Project (SDG) No.  
11K0413

Client Project ID  
#110171/ 1309 38th Street, Brooklyn, NY

Matrix  
Soil

Collection Date/Time  
November 8, 2011 3:00 pm

Date Received  
11/10/2011

**Pesticides, NYSDEC Part 375 Target List**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.47	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/15/2011 12:19	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.89	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/15/2011 12:19	JW
50-29-3	<b>4,4'-DDT</b>	<b>26.7</b>		ug/kg dry	1.48	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/15/2011 12:19	JW
309-00-2	Aldrin	ND		ug/kg dry	2.11	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/15/2011 12:19	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.49	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/15/2011 12:19	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.86	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/15/2011 12:19	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.08	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/15/2011 12:19	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.80	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/15/2011 12:19	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.95	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/15/2011 12:19	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.60	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/15/2011 12:19	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.02	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/15/2011 12:19	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.69	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/15/2011 12:19	JW
72-20-8	Endrin	ND		ug/kg dry	2.00	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/15/2011 12:19	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.29	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/15/2011 12:19	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.63	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/15/2011 12:19	JW
	<b>Surrogate Recoveries</b>	<b>Result</b>			<b>Acceptance Range</b>						
2051-24-3	Surrogate: Decachlorobiphenyl	91.6 %			30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	101 %			30-150						

**Polychlorinated Biphenyls (PCB)**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.00955	0.0206	1	EPA SW 846-8082	11/14/2011 08:00	11/15/2011 18:00	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.00955	0.0206	1	EPA SW 846-8082	11/14/2011 08:00	11/15/2011 18:00	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.00955	0.0206	1	EPA SW 846-8082	11/14/2011 08:00	11/15/2011 18:00	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.00955	0.0206	1	EPA SW 846-8082	11/14/2011 08:00	11/15/2011 18:00	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.00955	0.0206	1	EPA SW 846-8082	11/14/2011 08:00	11/15/2011 18:00	JW
11097-69-1	<b>Aroclor 1254</b>	<b>0.139</b>		mg/kg dry	0.00822	0.0206	1	EPA SW 846-8082	11/14/2011 08:00	11/15/2011 18:00	JW
11096-82-5	<b>Aroclor 1260</b>	<b>0.0791</b>		mg/kg dry	0.00822	0.0206	1	EPA SW 846-8082	11/14/2011 08:00	11/15/2011 18:00	JW
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.00822	0.0206	1	EPA SW 846-8082	11/14/2011 08:00	11/15/2011 18:00	JW
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.00822	0.0206	1	EPA SW 846-8082	11/14/2011 08:00	11/15/2011 18:00	JW
1336-36-3	<b>Total PCBs</b>	<b>0.218</b>		mg/kg dry	0.00822	0.0206	1	EPA SW 846-8082	11/14/2011 08:00	11/15/2011 18:00	JW
	<b>Surrogate Recoveries</b>	<b>Result</b>			<b>Acceptance Range</b>						
2051-24-3	Surrogate: Decachlorobiphenyl	67.0 %			30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	70.0 %			30-150						

## Sample Information

**Client Sample ID:** SP-4 (0'-2')

**York Sample ID:** 11K0413-03

York Project (SDG) No.  
11K0413

Client Project ID  
#110171/ 1309 38th Street, Brooklyn, NY

Matrix  
Soil

Collection Date/Time  
November 8, 2011 3:00 pm

Date Received  
11/10/2011

**Metals, Target Analyte**

**Sample Notes:**

Sample Prepared by Method: EPA SW 846-3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	14700		mg/kg dry	1.52	2.42	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:01	MW
7440-36-0	Antimony	ND		mg/kg dry	0.169	0.604	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:01	MW
7440-38-2	Arsenic	7.45		mg/kg dry	0.230	0.604	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:01	MW
7440-39-3	Barium	50.2		mg/kg dry	0.290	0.604	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:01	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.010	0.012	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:01	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.157	0.604	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:01	MW
7440-70-2	Calcium	1150		mg/kg dry	0.052	2.42	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:01	MW
7440-47-3	Chromium	17.1		mg/kg dry	0.097	0.604	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:01	MW
7440-48-4	Cobalt	8.62		mg/kg dry	0.097	0.604	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:01	MW
7440-50-8	Copper	14.8		mg/kg dry	0.169	0.604	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:01	MW
7439-89-6	Iron	24900		mg/kg dry	0.665	1.21	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:01	MW
7439-92-1	Lead	26.1		mg/kg dry	0.121	0.363	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:01	MW
7439-95-4	Magnesium	2430		mg/kg dry	0.991	2.42	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:01	MW
7439-96-5	Manganese	283		mg/kg dry	0.097	1.21	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:01	MW
7440-02-0	Nickel	22.4		mg/kg dry	0.085	0.604	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:01	MW
7440-09-7	Potassium	662		mg/kg dry	3.29	12.1	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:01	MW
7782-49-2	Selenium	2.06		mg/kg dry	0.255	0.604	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:01	MW
7440-22-4	Silver	ND		mg/kg dry	0.109	0.604	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:01	MW
7440-23-5	Sodium	75.0		mg/kg dry	8.12	12.1	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:01	MW
7440-28-0	Thallium	ND		mg/kg dry	0.230	0.604	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:01	MW
7440-62-2	Vanadium	29.7		mg/kg dry	0.097	0.604	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:01	MW
7440-66-6	Zinc	78.0		mg/kg dry	0.085	0.604	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:01	MW

**Mercury by 7470/7471**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.117	0.121	1	EPA SW846-7471	11/14/2011 16:59	11/14/2011 16:59	AA

**Sample Information**

**Client Sample ID:** SP-4 (0'-2') **York Sample ID:** 11K0413-03  
**York Project (SDG) No.** 11K0413 **Client Project ID** #110171/ 1309 38th Street, Brooklyn, NY **Matrix** Soil **Collection Date/Time** November 8, 2011 3:00 pm **Date Received** 11/10/2011

**Total Solids**

**Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	82.7		%	0.100	0.100	1	SM 2540G	11/15/2011 15:03	11/15/2011 15:03	AMC

**Chromium, Hexavalent**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.423	0.604	1	SW846-7196A	11/15/2011 13:23	11/15/2011 13:23	AD

**Chromium, Trivalent**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	Chromium, Trivalent	17.1		mg/kg	0.250	0.500	1	CALCULATION	11/16/2011 13:19	11/16/2011 13:20	AD

**Sample Information**

**Client Sample ID:** SP-4 (6'-8') **York Sample ID:** 11K0413-04  
**York Project (SDG) No.** 11K0413 **Client Project ID** #110171/ 1309 38th Street, Brooklyn, NY **Matrix** Soil **Collection Date/Time** November 8, 2011 3:00 pm **Date Received** 11/10/2011

**Volatile Organics, NYSDEC Part 375 List**

**Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.2	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 10:46	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 10:46	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.1	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 10:46	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 10:46	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 10:46	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 10:46	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	0.87	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 10:46	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 10:46	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 10:46	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	74	1100	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 10:46	SS
78-93-3	2-Butanone	ND		ug/kg dry	6.1	22	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 10:46	SS
67-64-1	Acetone	58		ug/kg dry	7.3	22	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 10:46	SS
71-43-2	Benzene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 10:46	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.4	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 10:46	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.82	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 10:46	SS
67-66-3	Chloroform	ND		ug/kg dry	0.84	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 10:46	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 10:46	SS

### Sample Information

**Client Sample ID:** SP-4 (6'-8')

**York Sample ID:** 11K0413-04

York Project (SDG) No.  
11K0413

Client Project ID  
#110171/ 1309 38th Street, Brooklyn, NY

Matrix  
Soil

Collection Date/Time  
November 8, 2011 3:00 pm

Date Received  
11/10/2011

**Volatile Organics, NYSDEC Part 375 List**

**Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.82	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 10:46	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	0.89	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 10:46	SS
75-09-2	<b>Methylene chloride</b>	<b>26</b>	B	ug/kg dry	2.5	22	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 10:46	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	0.75	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 10:46	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 10:46	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 10:46	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	1.3	22	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 10:46	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 10:46	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 10:46	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 10:46	SS
108-88-3	Toluene	ND		ug/kg dry	0.54	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 10:46	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 10:46	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 10:46	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 10:46	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.5	33	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 10:46	SS
	<b>Surrogate Recoveries</b>	<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	107 %			72.6-129						
460-00-4	Surrogate: p-Bromofluorobenzene	95.1 %			63.5-145						
2037-26-5	Surrogate: Toluene-d8	89.5 %			86.6-116						

**Semi-Volatiles, NYSDEC Part 375 List**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/kg dry	66.6	181	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 15:50	TD
100-01-6	3- & 4-Methylphenols	ND		ug/kg dry	81.4	181	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 15:50	TD
83-32-9	Acenaphthene	ND		ug/kg dry	105	181	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 15:50	TD
208-96-8	Acenaphthylene	ND		ug/kg dry	50.7	181	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 15:50	TD
120-12-7	Anthracene	ND		ug/kg dry	44.9	181	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 15:50	TD
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	70.0	181	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 15:50	TD
50-32-8	<b>Benzo(a)pyrene</b>	<b>73.1</b>	J	ug/kg dry	47.2	181	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 15:50	TD
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	68.9	181	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 15:50	TD
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	54.4	181	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 15:50	TD
207-08-9	<b>Benzo(k)fluoranthene</b>	<b>71.3</b>	J	ug/kg dry	70.1	181	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 15:50	TD
218-01-9	Chrysene	ND		ug/kg dry	73.0	181	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 15:50	TD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	45.8	181	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 15:50	TD
132-64-9	Dibenzofuran	ND		ug/kg dry	58.4	181	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 15:50	TD

**Sample Information**

**Client Sample ID:** SP-4 (6'-8')

**York Sample ID:** 11K0413-04

York Project (SDG) No.  
11K0413

Client Project ID  
#110171/ 1309 38th Street, Brooklyn, NY

Matrix  
Soil

Collection Date/Time  
November 8, 2011 3:00 pm

Date Received  
11/10/2011

**Semi-Volatiles, NYSDEC Part 375 List**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	Fluoranthene	149	J	ug/kg dry	105	181	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 15:50	TD
86-73-7	Fluorene	ND		ug/kg dry	50.7	181	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 15:50	TD
118-74-1	Hexachlorobenzene	ND		ug/kg dry	29.5	181	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 15:50	TD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	66.8	181	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 15:50	TD
91-20-3	Naphthalene	ND		ug/kg dry	54.1	181	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 15:50	TD
87-86-5	Pentachlorophenol	ND		ug/kg dry	50.7	181	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 15:50	TD
85-01-8	Phenanthrene	100	J	ug/kg dry	66.8	181	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 15:50	TD
108-95-2	Phenol	ND		ug/kg dry	72.4	181	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 15:50	TD
129-00-0	Pyrene	125	J	ug/kg dry	64.9	181	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 15:50	TD
	<b>Surrogate Recoveries</b>	<b>Result</b>									
5175-83-7	Surrogate: 2,4,6-Tribromophenol	40.9 %									
321-60-8	Surrogate: 2-Fluorobiphenyl	36.6 %									
367-12-4	Surrogate: 2-Fluorophenol	39.3 %									
4165-60-0	Surrogate: Nitrobenzene-d5	36.2 %									
4165-62-2	Surrogate: Phenol-d5	33.6 %									
1718-51-0	Surrogate: Terphenyl-d14	43.5 %									

**Pesticides, NYSDEC Part 375 Target List**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.47	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 14:04	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.89	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 14:04	JW
50-29-3	4,4'-DDT	4.06		ug/kg dry	1.48	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 14:04	JW
309-00-2	Aldrin	ND		ug/kg dry	2.11	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 14:04	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.49	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 14:04	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.86	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 14:04	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.08	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 14:04	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.80	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 14:04	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.95	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 14:04	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.60	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 14:04	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.02	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 14:04	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.69	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 14:04	JW
72-20-8	Endrin	ND		ug/kg dry	2.00	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 14:04	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.29	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 14:04	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.63	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 14:04	JW
	<b>Surrogate Recoveries</b>	<b>Result</b>									
2051-24-3	Surrogate: Decachlorobiphenyl	74.1 %									
877-09-8	Surrogate: Tetrachloro-m-xylene	65.4 %									

**Sample Information**

**Client Sample ID:** SP-4 (6'-8')

**York Sample ID:** 11K0413-04

**York Project (SDG) No.**  
11K0413

**Client Project ID**  
#110171/ 1309 38th Street, Brooklyn, NY

**Matrix**  
Soil

**Collection Date/Time**  
November 8, 2011 3:00 pm

**Date Received**  
11/10/2011

**Polychlorinated Biphenyls (PCB)**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.00858	0.0185	1	EPA SW 846-8082	11/14/2011 08:00	11/14/2011 15:00	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.00858	0.0185	1	EPA SW 846-8082	11/14/2011 08:00	11/14/2011 15:00	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.00858	0.0185	1	EPA SW 846-8082	11/14/2011 08:00	11/14/2011 15:00	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.00858	0.0185	1	EPA SW 846-8082	11/14/2011 08:00	11/14/2011 15:00	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.00858	0.0185	1	EPA SW 846-8082	11/14/2011 08:00	11/14/2011 15:00	JW
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.00739	0.0185	1	EPA SW 846-8082	11/14/2011 08:00	11/14/2011 15:00	JW
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.00739	0.0185	1	EPA SW 846-8082	11/14/2011 08:00	11/14/2011 15:00	JW
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.00739	0.0185	1	EPA SW 846-8082	11/14/2011 08:00	11/14/2011 15:00	JW
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.00739	0.0185	1	EPA SW 846-8082	11/14/2011 08:00	11/14/2011 15:00	JW
1336-36-3	Total PCBs	ND		mg/kg dry	0.00739	0.0185	1	EPA SW 846-8082	11/14/2011 08:00	11/14/2011 15:00	JW
	<b>Surrogate Recoveries</b>	<b>Result</b>			<b>Acceptance Range</b>						
2051-24-3	Surrogate: Decachlorobiphenyl	69.0 %			30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	53.0 %			30-150						

**Metals, Target Analyte**

**Sample Notes:**

Sample Prepared by Method: EPA SW 846-3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	7580		mg/kg dry	1.37	2.17	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:19	MW
7440-36-0	Antimony	ND		mg/kg dry	0.152	0.543	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:19	MW
7440-38-2	Arsenic	3.50		mg/kg dry	0.206	0.543	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:19	MW
7440-39-3	Barium	45.2		mg/kg dry	0.261	0.543	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:19	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.009	0.011	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:19	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.141	0.543	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:19	MW
7440-70-2	Calcium	6090		mg/kg dry	0.047	2.17	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:19	MW
7440-47-3	Chromium	15.7		mg/kg dry	0.087	0.543	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:19	MW
7440-48-4	Cobalt	9.42		mg/kg dry	0.087	0.543	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:19	MW
7440-50-8	Copper	21.5		mg/kg dry	0.152	0.543	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:19	MW
7439-89-6	Iron	15700		mg/kg dry	0.597	1.09	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:19	MW
7439-92-1	Lead	18.1		mg/kg dry	0.109	0.326	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:19	MW
7439-95-4	Magnesium	3890		mg/kg dry	0.891	2.17	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:19	MW
7439-96-5	Manganese	404		mg/kg dry	0.087	1.09	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:19	MW
7440-02-0	Nickel	32.4		mg/kg dry	0.076	0.543	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:19	MW
7440-09-7	Potassium	1430		mg/kg dry	2.95	10.9	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:19	MW
7782-49-2	Selenium	0.753		mg/kg dry	0.229	0.543	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:19	MW
7440-22-4	Silver	ND		mg/kg dry	0.098	0.543	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:19	MW
7440-23-5	Sodium	119		mg/kg dry	7.30	10.9	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:19	MW
7440-28-0	Thallium	ND		mg/kg dry	0.206	0.543	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:19	MW

**Sample Information**

**Client Sample ID:** SP-4 (6'-8') **York Sample ID:** 11K0413-04  
**York Project (SDG) No.** 11K0413 **Client Project ID** #110171/ 1309 38th Street, Brooklyn, NY  
**Matrix** Soil **Collection Date/Time** November 8, 2011 3:00 pm **Date Received** 11/10/2011

**Metals, Target Analyte**

**Sample Notes:**

Sample Prepared by Method: EPA SW 846-3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	Vanadium	22.3		mg/kg dry	0.087	0.543	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:19	MW
7440-66-6	Zinc	56.7		mg/kg dry	0.076	0.543	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:19	MW

**Mercury by 7470/7471**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.105	0.109	1	EPA SW846-7471	11/14/2011 16:59	11/14/2011 16:59	AA

**Total Solids**

**Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	92.1		%	0.100	0.100	1	SM 2540G	11/15/2011 15:03	11/15/2011 15:03	AMC

**Chromium, Hexavalent**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	5.65		mg/kg dry	0.380	0.543	1	SW846-7196A	11/15/2011 13:23	11/15/2011 13:23	AD

**Chromium, Trivalent**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	Chromium, Trivalent	10.0		mg/kg	0.250	0.500	1	CALCULATION	11/16/2011 13:19	11/16/2011 13:20	AD

**Sample Information**

**Client Sample ID:** SP-6 (0'-2') **York Sample ID:** 11K0413-05  
**York Project (SDG) No.** 11K0413 **Client Project ID** #110171/ 1309 38th Street, Brooklyn, NY  
**Matrix** Soil **Collection Date/Time** November 8, 2011 3:00 pm **Date Received** 11/10/2011

**Volatile Organics, NYSDEC Part 375 List**

**Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	130	620	100	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 11:27	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	92	620	100	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 11:27	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	180	620	100	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 11:27	SS
95-63-6	1,2,4-Trimethylbenzene	1500		ug/kg dry	71	620	100	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 11:27	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	79	620	100	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 11:27	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	87	620	100	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 11:27	SS
108-67-8	1,3,5-Trimethylbenzene	430	J	ug/kg dry	49	620	100	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 11:27	SS

### Sample Information

**Client Sample ID:** SP-6 (0'-2')

**York Sample ID:** 11K0413-05

York Project (SDG) No.  
11K0413

Client Project ID  
#110171/ 1309 38th Street, Brooklyn, NY

Matrix  
Soil

Collection Date/Time  
November 8, 2011 3:00 pm

Date Received  
11/10/2011

**Volatile Organics, NYSDEC Part 375 List**

**Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	63	620	100	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 11:27	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	91	620	100	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 11:27	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	4200	62000	100	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 11:27	SS
78-93-3	2-Butanone	ND		ug/kg dry	340	1200	100	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 11:27	SS
67-64-1	<b>Acetone</b>	<b>14</b>	B-Dil	ug/kg dry	4.2	12	1	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 11:27	SS
71-43-2	Benzene	ND		ug/kg dry	64	620	100	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 11:27	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	140	620	100	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 11:27	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	47	620	100	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 11:27	SS
67-66-3	Chloroform	ND		ug/kg dry	48	620	100	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 11:27	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	130	620	100	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 11:27	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	47	620	100	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 11:27	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	51	620	100	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 11:27	SS
75-09-2	<b>Methylene chloride</b>	<b>15</b>	B-Dil, B	ug/kg dry	1.4	12	1	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 11:27	SS
104-51-8	<b>n-Butylbenzene</b>	<b>570</b>	J	ug/kg dry	43	620	100	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 11:27	SS
103-65-1	<b>n-Propylbenzene</b>	<b>180</b>	J	ug/kg dry	77	620	100	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 11:27	SS
95-47-6	o-Xylene	ND		ug/kg dry	67	620	100	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 11:27	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	73	1200	100	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 11:27	SS
135-98-8	<b>sec-Butylbenzene</b>	<b>140</b>	J	ug/kg dry	69	620	100	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 11:27	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	61	620	100	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 11:27	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	69	620	100	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 11:27	SS
108-88-3	Toluene	ND		ug/kg dry	31	620	100	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 11:27	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	87	620	100	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 11:27	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	76	620	100	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 11:27	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	130	620	100	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 11:27	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	140	1900	100	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 11:27	SS
	<b>Surrogate Recoveries</b>	<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	103 %			72.6-129						
460-00-4	Surrogate: p-Bromofluorobenzene	96.9 %			63.5-145						
2037-26-5	Surrogate: Toluene-d8	90.9 %			86.6-116						

### Sample Information

**Client Sample ID:** SP-6 (0'-2')

**York Sample ID:** 11K0413-05

York Project (SDG) No.  
11K0413

Client Project ID  
#110171/ 1309 38th Street, Brooklyn, NY

Matrix  
Soil

Collection Date/Time  
November 8, 2011 3:00 pm

Date Received  
11/10/2011

**Semi-Volatiles, NYSDEC Part 375 List**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/kg dry	758	2060	10	EPA SW-846 8270C	11/14/2011 12:34	11/16/2011 20:22	TD
100-01-6	3- & 4-Methylphenols	ND		ug/kg dry	927	2060	10	EPA SW-846 8270C	11/14/2011 12:34	11/16/2011 20:22	TD
83-32-9	Acenaphthene	ND		ug/kg dry	1190	2060	10	EPA SW-846 8270C	11/14/2011 12:34	11/16/2011 20:22	TD
208-96-8	Acenaphthylene	ND		ug/kg dry	578	2060	10	EPA SW-846 8270C	11/14/2011 12:34	11/16/2011 20:22	TD
120-12-7	Anthracene	ND		ug/kg dry	511	2060	10	EPA SW-846 8270C	11/14/2011 12:34	11/16/2011 20:22	TD
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	797	2060	10	EPA SW-846 8270C	11/14/2011 12:34	11/16/2011 20:22	TD
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	537	2060	10	EPA SW-846 8270C	11/14/2011 12:34	11/16/2011 20:22	TD
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	784	2060	10	EPA SW-846 8270C	11/14/2011 12:34	11/16/2011 20:22	TD
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	620	2060	10	EPA SW-846 8270C	11/14/2011 12:34	11/16/2011 20:22	TD
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	798	2060	10	EPA SW-846 8270C	11/14/2011 12:34	11/16/2011 20:22	TD
218-01-9	Chrysene	ND		ug/kg dry	831	2060	10	EPA SW-846 8270C	11/14/2011 12:34	11/16/2011 20:22	TD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	521	2060	10	EPA SW-846 8270C	11/14/2011 12:34	11/16/2011 20:22	TD
132-64-9	Dibenzofuran	ND		ug/kg dry	665	2060	10	EPA SW-846 8270C	11/14/2011 12:34	11/16/2011 20:22	TD
206-44-0	Fluoranthene	ND		ug/kg dry	1190	2060	10	EPA SW-846 8270C	11/14/2011 12:34	11/16/2011 20:22	TD
86-73-7	Fluorene	ND		ug/kg dry	578	2060	10	EPA SW-846 8270C	11/14/2011 12:34	11/16/2011 20:22	TD
118-74-1	Hexachlorobenzene	ND		ug/kg dry	336	2060	10	EPA SW-846 8270C	11/14/2011 12:34	11/16/2011 20:22	TD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	760	2060	10	EPA SW-846 8270C	11/14/2011 12:34	11/16/2011 20:22	TD
91-20-3	Naphthalene	ND		ug/kg dry	616	2060	10	EPA SW-846 8270C	11/14/2011 12:34	11/16/2011 20:22	TD
87-86-5	Pentachlorophenol	ND		ug/kg dry	578	2060	10	EPA SW-846 8270C	11/14/2011 12:34	11/16/2011 20:22	TD
85-01-8	Phenanthrene	ND		ug/kg dry	760	2060	10	EPA SW-846 8270C	11/14/2011 12:34	11/16/2011 20:22	TD
108-95-2	Phenol	ND		ug/kg dry	825	2060	10	EPA SW-846 8270C	11/14/2011 12:34	11/16/2011 20:22	TD
129-00-0	Pyrene	ND		ug/kg dry	739	2060	10	EPA SW-846 8270C	11/14/2011 12:34	11/16/2011 20:22	TD

**Surrogate Recoveries**

	Surrogate	Result	Flag	Acceptance Range
5175-83-7	Surrogate: 2,4,6-Tribromophenol	34.4 %	S-01	15-110
321-60-8	Surrogate: 2-Fluorobiphenyl	47.2 %	S-01	30-130
367-12-4	Surrogate: 2-Fluorophenol	8.51 %	S-01	15-110
4165-60-0	Surrogate: Nitrobenzene-d5	46.5 %	S-01	30-130
4165-62-2	Surrogate: Phenol-d5	42.6 %	S-01	15-110
1718-51-0	Surrogate: Terphenyl-d14	39.0 %	S-01	30-130

**Sample Information**

**Client Sample ID:** SP-6 (0'-2')

**York Sample ID:** 11K0413-05

York Project (SDG) No.  
11K0413

Client Project ID  
#110171/ 1309 38th Street, Brooklyn, NY

Matrix  
Soil

Collection Date/Time  
November 8, 2011 3:00 pm

Date Received  
11/10/2011

**Pesticides, NYSDEC Part 375 Target List**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.47	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/15/2011 12:34	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.89	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/15/2011 12:34	JW
50-29-3	<b>4,4'-DDT</b>	<b>20.3</b>		ug/kg dry	1.48	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/15/2011 12:34	JW
309-00-2	Aldrin	ND		ug/kg dry	2.11	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/15/2011 12:34	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.49	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/15/2011 12:34	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.86	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/15/2011 12:34	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.08	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/15/2011 12:34	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.80	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/15/2011 12:34	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.95	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/15/2011 12:34	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.60	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/15/2011 12:34	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.02	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/15/2011 12:34	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.69	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/15/2011 12:34	JW
72-20-8	Endrin	ND		ug/kg dry	2.00	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/15/2011 12:34	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.29	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/15/2011 12:34	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.63	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/15/2011 12:34	JW
	<b>Surrogate Recoveries</b>	<b>Result</b>			<b>Acceptance Range</b>						
2051-24-3	Surrogate: Decachlorobiphenyl	61.7 %			30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	68.2 %			30-150						

**Polychlorinated Biphenyls (PCB)**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	<b>Aroclor 1016</b>	<b>0.145</b>		mg/kg dry	0.00977	0.0210	1	EPA SW 846-8082	11/14/2011 08:00	11/15/2011 18:35	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.00977	0.0210	1	EPA SW 846-8082	11/14/2011 08:00	11/15/2011 18:35	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.00977	0.0210	1	EPA SW 846-8082	11/14/2011 08:00	11/15/2011 18:35	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.00977	0.0210	1	EPA SW 846-8082	11/14/2011 08:00	11/15/2011 18:35	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.00977	0.0210	1	EPA SW 846-8082	11/14/2011 08:00	11/15/2011 18:35	JW
11097-69-1	<b>Aroclor 1254</b>	<b>0.162</b>		mg/kg dry	0.00841	0.0210	1	EPA SW 846-8082	11/14/2011 08:00	11/15/2011 18:35	JW
11096-82-5	<b>Aroclor 1260</b>	<b>0.0988</b>		mg/kg dry	0.00841	0.0210	1	EPA SW 846-8082	11/14/2011 08:00	11/15/2011 18:35	JW
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.00841	0.0210	1	EPA SW 846-8082	11/14/2011 08:00	11/15/2011 18:35	JW
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.00841	0.0210	1	EPA SW 846-8082	11/14/2011 08:00	11/15/2011 18:35	JW
1336-36-3	<b>Total PCBs</b>	<b>0.406</b>		mg/kg dry	0.00841	0.0210	1	EPA SW 846-8082	11/14/2011 08:00	11/15/2011 18:35	JW
	<b>Surrogate Recoveries</b>	<b>Result</b>			<b>Acceptance Range</b>						
2051-24-3	Surrogate: Decachlorobiphenyl	43.0 %			30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	55.0 %			30-150						

## Sample Information

**Client Sample ID:** SP-6 (0'-2')

**York Sample ID:** 11K0413-05

York Project (SDG) No.  
11K0413

Client Project ID  
#110171/ 1309 38th Street, Brooklyn, NY

Matrix  
Soil

Collection Date/Time  
November 8, 2011 3:00 pm

Date Received  
11/10/2011

**Metals, Target Analyte**

**Sample Notes:**

Sample Prepared by Method: EPA SW 846-3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	15400		mg/kg dry	1.56	2.47	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:23	MW
7440-36-0	Antimony	ND		mg/kg dry	0.173	0.618	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:23	MW
7440-38-2	Arsenic	7.75		mg/kg dry	0.235	0.618	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:23	MW
7440-39-3	Barium	101		mg/kg dry	0.297	0.618	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:23	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.010	0.012	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:23	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.161	0.618	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:23	MW
7440-70-2	Calcium	2640		mg/kg dry	0.054	2.47	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:23	MW
7440-47-3	Chromium	14.9		mg/kg dry	0.099	0.618	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:23	MW
7440-48-4	Cobalt	7.17		mg/kg dry	0.099	0.618	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:23	MW
7440-50-8	Copper	282		mg/kg dry	0.173	0.618	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:23	MW
7439-89-6	Iron	19600		mg/kg dry	0.680	1.24	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:23	MW
7439-92-1	Lead	57.5		mg/kg dry	0.124	0.371	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:23	MW
7439-95-4	Magnesium	2100		mg/kg dry	1.01	2.47	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:23	MW
7439-96-5	Manganese	662		mg/kg dry	0.099	1.24	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:23	MW
7440-02-0	Nickel	18.9		mg/kg dry	0.087	0.618	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:23	MW
7440-09-7	Potassium	876		mg/kg dry	3.36	12.4	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:23	MW
7782-49-2	Selenium	1.28		mg/kg dry	0.261	0.618	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:23	MW
7440-22-4	Silver	ND		mg/kg dry	0.111	0.618	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:23	MW
7440-23-5	Sodium	193		mg/kg dry	8.31	12.4	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:23	MW
7440-28-0	Thallium	ND		mg/kg dry	0.235	0.618	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:23	MW
7440-62-2	Vanadium	24.8		mg/kg dry	0.099	0.618	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:23	MW
7440-66-6	Zinc	55.3		mg/kg dry	0.087	0.618	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:23	MW

**Mercury by 7470/7471**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.120	0.124	1	EPA SW846-7471	11/14/2011 16:59	11/14/2011 16:59	AA

**Sample Information**

**Client Sample ID:** SP-6 (0'-2')

**York Sample ID:** 11K0413-05

York Project (SDG) No.  
11K0413

Client Project ID  
#110171/ 1309 38th Street, Brooklyn, NY

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Collection Date/Time  
November 8, 2011 3:00 pm

Date Received  
11/10/2011

**Total Solids**

**Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	80.9		%	0.100	0.100	1	SM 2540G	11/15/2011 15:03	11/15/2011 15:03	AMC

**Chromium, Hexavalent**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.433	0.618	1	SW846-7196A	11/15/2011 13:23	11/15/2011 13:23	AD

**Chromium, Trivalent**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	Chromium, Trivalent	14.9		mg/kg	0.250	0.500	1	CALCULATION	11/16/2011 13:19	11/16/2011 13:20	AD

**Sample Information**

**Client Sample ID:** SP-6 (6'-8')

**York Sample ID:** 11K0413-06

York Project (SDG) No.  
11K0413

Client Project ID  
#110171/ 1309 38th Street, Brooklyn, NY

Matrix  
Soil

Collection Date/Time  
November 8, 2011 3:00 pm

Date Received  
11/10/2011

**Volatile Organics, NYSDEC Part 375 List**

**Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 12:08	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.7	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 12:08	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.2	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 12:08	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 12:08	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 12:08	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 12:08	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	0.89	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 12:08	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 12:08	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 12:08	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	76	1100	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 12:08	SS
78-93-3	2-Butanone	ND		ug/kg dry	6.2	22	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 12:08	SS
67-64-1	Acetone	33		ug/kg dry	7.5	22	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 12:08	SS
71-43-2	Benzene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 12:08	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 12:08	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.84	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 12:08	SS
67-66-3	Chloroform	ND		ug/kg dry	0.87	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 12:08	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 12:08	SS

### Sample Information

**Client Sample ID:** SP-6 (6'-8')

**York Sample ID:** 11K0413-06

York Project (SDG) No.  
11K0413

Client Project ID  
#110171/ 1309 38th Street, Brooklyn, NY

Matrix  
Soil

Collection Date/Time  
November 8, 2011 3:00 pm

Date Received  
11/10/2011

**Volatile Organics, NYSDEC Part 375 List**

**Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.84	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 12:08	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	0.92	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 12:08	SS
75-09-2	<b>Methylene chloride</b>	<b>27</b>	B	ug/kg dry	2.6	22	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 12:08	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	0.77	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 12:08	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 12:08	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 12:08	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	1.3	22	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 12:08	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 12:08	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 12:08	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 12:08	SS
108-88-3	Toluene	ND		ug/kg dry	0.55	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 12:08	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 12:08	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 12:08	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	11	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 12:08	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.5	33	2	EPA SW846-8260B	11/15/2011 15:46	11/16/2011 12:08	SS
	<b>Surrogate Recoveries</b>	<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	110 %			72.6-129						
460-00-4	Surrogate: p-Bromofluorobenzene	94.0 %			63.5-145						
2037-26-5	Surrogate: Toluene-d8	90.7 %			86.6-116						

**Semi-Volatiles, NYSDEC Part 375 List**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/kg dry	68.4	186	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 13:15	TD
100-01-6	3- & 4-Methylphenols	ND		ug/kg dry	83.7	186	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 13:15	TD
83-32-9	Acenaphthene	ND		ug/kg dry	108	186	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 13:15	TD
208-96-8	Acenaphthylene	ND		ug/kg dry	52.1	186	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 13:15	TD
120-12-7	Anthracene	ND		ug/kg dry	46.1	186	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 13:15	TD
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	71.9	186	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 13:15	TD
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	48.5	186	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 13:15	TD
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	70.8	186	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 13:15	TD
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	55.9	186	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 13:15	TD
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	72.0	186	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 13:15	TD
218-01-9	Chrysene	ND		ug/kg dry	74.9	186	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 13:15	TD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	47.0	186	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 13:15	TD
132-64-9	Dibenzofuran	ND		ug/kg dry	60.0	186	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 13:15	TD

**Sample Information**

**Client Sample ID:** SP-6 (6'-8')

**York Sample ID:** 11K0413-06

York Project (SDG) No.  
11K0413

Client Project ID  
#110171/ 1309 38th Street, Brooklyn, NY

Matrix  
Soil

Collection Date/Time  
November 8, 2011 3:00 pm

Date Received  
11/10/2011

**Semi-Volatiles, NYSDEC Part 375 List**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	Fluoranthene	ND		ug/kg dry	108	186	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 13:15	TD
86-73-7	Fluorene	ND		ug/kg dry	52.1	186	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 13:15	TD
118-74-1	Hexachlorobenzene	ND		ug/kg dry	30.3	186	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 13:15	TD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	68.6	186	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 13:15	TD
91-20-3	Naphthalene	ND		ug/kg dry	55.5	186	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 13:15	TD
87-86-5	Pentachlorophenol	ND		ug/kg dry	52.1	186	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 13:15	TD
85-01-8	Phenanthrene	ND		ug/kg dry	68.6	186	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 13:15	TD
108-95-2	Phenol	ND		ug/kg dry	74.4	186	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 13:15	TD
129-00-0	Pyrene	ND		ug/kg dry	66.7	186	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 13:15	TD

**Surrogate Recoveries**

**Result**

**Acceptance Range**

5175-83-7	Surrogate: 2,4,6-Tribromophenol	47.5 %		15-110
321-60-8	Surrogate: 2-Fluorobiphenyl	36.1 %		30-130
367-12-4	Surrogate: 2-Fluorophenol	27.2 %		15-110
4165-60-0	Surrogate: Nitrobenzene-d5	34.6 %		30-130
4165-62-2	Surrogate: Phenol-d5	32.7 %		15-110
1718-51-0	Surrogate: Terphenyl-d14	44.7 %		30-130

**Pesticides, NYSDEC Part 375 Target List**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.47	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 14:19	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.89	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 14:19	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.48	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 14:19	JW
309-00-2	Aldrin	ND		ug/kg dry	2.11	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 14:19	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.49	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 14:19	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.86	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 14:19	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.08	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 14:19	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.80	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 14:19	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.95	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 14:19	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.60	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 14:19	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.02	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 14:19	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.69	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 14:19	JW
72-20-8	Endrin	ND		ug/kg dry	2.00	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 14:19	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.29	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 14:19	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.63	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 14:19	JW

**Surrogate Recoveries**

**Result**

**Acceptance Range**

2051-24-3	Surrogate: Decachlorobiphenyl	86.1 %		30-150
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**Sample Information**

**Client Sample ID:** SP-6 (6'-8')

**York Sample ID:** 11K0413-06

York Project (SDG) No.  
11K0413

Client Project ID  
#110171/ 1309 38th Street, Brooklyn, NY

Matrix  
Soil

Collection Date/Time  
November 8, 2011 3:00 pm

Date Received  
11/10/2011

**Pesticides, NYSDEC Part 375 Target List**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
877-09-8	Surrogate: Tetrachloro-m-xylene	61.4 %			30-150						

**Polychlorinated Biphenyls (PCB)**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.00881	0.0190	1	EPA SW 846-8082	11/14/2011 08:00	11/14/2011 15:32	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.00881	0.0190	1	EPA SW 846-8082	11/14/2011 08:00	11/14/2011 15:32	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.00881	0.0190	1	EPA SW 846-8082	11/14/2011 08:00	11/14/2011 15:32	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.00881	0.0190	1	EPA SW 846-8082	11/14/2011 08:00	11/14/2011 15:32	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.00881	0.0190	1	EPA SW 846-8082	11/14/2011 08:00	11/14/2011 15:32	JW
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.00759	0.0190	1	EPA SW 846-8082	11/14/2011 08:00	11/14/2011 15:32	JW
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.00759	0.0190	1	EPA SW 846-8082	11/14/2011 08:00	11/14/2011 15:32	JW
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.00759	0.0190	1	EPA SW 846-8082	11/14/2011 08:00	11/14/2011 15:32	JW
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.00759	0.0190	1	EPA SW 846-8082	11/14/2011 08:00	11/14/2011 15:32	JW
1336-36-3	Total PCBs	ND		mg/kg dry	0.00759	0.0190	1	EPA SW 846-8082	11/14/2011 08:00	11/14/2011 15:32	JW
	<b>Surrogate Recoveries</b>	<b>Result</b>			<b>Acceptance Range</b>						
2051-24-3	Surrogate: Decachlorobiphenyl	74.0 %			30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	51.0 %			30-150						

**Metals, Target Analyte**

**Sample Notes:**

Sample Prepared by Method: EPA SW 846-3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	9790		mg/kg dry	1.41	2.23	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:28	MW
7440-36-0	Antimony	ND		mg/kg dry	0.156	0.558	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:28	MW
7440-38-2	Arsenic	3.39		mg/kg dry	0.212	0.558	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:28	MW
7440-39-3	Barium	70.8		mg/kg dry	0.268	0.558	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:28	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.009	0.011	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:28	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.145	0.558	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:28	MW
7440-70-2	Calcium	1220		mg/kg dry	0.048	2.23	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:28	MW
7440-47-3	Chromium	26.7		mg/kg dry	0.089	0.558	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:28	MW
7440-48-4	Cobalt	10.0		mg/kg dry	0.089	0.558	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:28	MW
7440-50-8	Copper	25.9		mg/kg dry	0.156	0.558	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:28	MW
7439-89-6	Iron	17700		mg/kg dry	0.614	1.12	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:28	MW
7439-92-1	Lead	12.0		mg/kg dry	0.112	0.335	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:28	MW
7439-95-4	Magnesium	5020		mg/kg dry	0.915	2.23	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:28	MW
7439-96-5	Manganese	480		mg/kg dry	0.089	1.12	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:28	MW
7440-02-0	Nickel	49.1		mg/kg dry	0.078	0.558	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:28	MW
7440-09-7	Potassium	2160		mg/kg dry	3.03	11.2	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:28	MW

## Sample Information

**Client Sample ID:** SP-6 (6'-8')

**York Sample ID:** 11K0413-06

**York Project (SDG) No.**  
11K0413

**Client Project ID**  
#110171/ 1309 38th Street, Brooklyn, NY

**Matrix**  
Soil

**Collection Date/Time**  
November 8, 2011 3:00 pm

**Date Received**  
11/10/2011

**Metals, Target Analyte**

**Sample Notes:**

Sample Prepared by Method: EPA SW 846-3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7782-49-2	Selenium	1.18		mg/kg dry	0.235	0.558	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:28	MW
7440-22-4	Silver	ND		mg/kg dry	0.100	0.558	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:28	MW
7440-23-5	Sodium	189		mg/kg dry	7.50	11.2	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:28	MW
7440-28-0	Thallium	ND		mg/kg dry	0.212	0.558	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:28	MW
7440-62-2	Vanadium	35.3		mg/kg dry	0.089	0.558	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:28	MW
7440-66-6	Zinc	49.4		mg/kg dry	0.078	0.558	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:28	MW

**Mercury by 7470/7471**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.108	0.112	1	EPA SW846-7471	11/14/2011 16:59	11/14/2011 16:59	AA

**Total Solids**

**Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	89.6		%	0.100	0.100	1	SM 2540G	11/15/2011 15:03	11/15/2011 15:03	AMC

**Chromium, Hexavalent**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.390	0.558	1	SW846-7196A	11/15/2011 13:23	11/15/2011 13:23	AD

**Chromium, Trivalent**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	Chromium, Trivalent	26.7		mg/kg	0.250	0.500	1	CALCULATION	11/16/2011 13:19	11/16/2011 13:20	AD

## Sample Information

**Client Sample ID:** SP-7 (0'-2')

**York Sample ID:** 11K0413-07

**York Project (SDG) No.**  
11K0413

**Client Project ID**  
#110171/ 1309 38th Street, Brooklyn, NY

**Matrix**  
Soil

**Collection Date/Time**  
November 8, 2011 3:00 pm

**Date Received**  
11/10/2011

**Volatile Organics, NYSDEC Part 375 List**

**Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	12	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 20:20	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.8	12	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 20:20	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.6	12	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 20:20	SS

### Sample Information

**Client Sample ID:** SP-7 (0'-2')

**York Sample ID:** 11K0413-07

York Project (SDG) No.  
11K0413

Client Project ID  
#110171/ 1309 38th Street, Brooklyn, NY

Matrix  
Soil

Collection Date/Time  
November 8, 2011 3:00 pm

Date Received  
11/10/2011

**Volatile Organics, NYSDEC Part 375 List**

**Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.4	12	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 20:20	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.6	12	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 20:20	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 20:20	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	0.99	12	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 20:20	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 20:20	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.8	12	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 20:20	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	84	1200	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 20:20	SS
78-93-3	<b>2-Butanone</b>	<b>8.5</b>	J	ug/kg dry	6.9	25	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 20:20	SS
67-64-1	<b>Acetone</b>	<b>58</b>	B	ug/kg dry	8.3	25	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 20:20	SS
71-43-2	Benzene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 20:20	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	12	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 20:20	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.94	12	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 20:20	SS
67-66-3	Chloroform	ND		ug/kg dry	0.96	12	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 20:20	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	12	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 20:20	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.94	12	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 20:20	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.0	12	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 20:20	SS
75-09-2	<b>Methylene chloride</b>	<b>33</b>	B	ug/kg dry	2.8	25	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 20:20	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	0.86	12	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 20:20	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.6	12	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 20:20	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 20:20	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	1.5	25	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 20:20	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.4	12	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 20:20	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.2	12	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 20:20	SS
127-18-4	<b>Tetrachloroethylene</b>	<b>18</b>		ug/kg dry	1.4	12	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 20:20	SS
108-88-3	Toluene	ND		ug/kg dry	0.61	12	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 20:20	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 20:20	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 20:20	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	12	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 20:20	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.8	37	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 20:20	SS
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	104 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	98.9 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	90.8 %	86.6-116								

**Sample Information**

**Client Sample ID:** SP-7 (0'-2')

**York Sample ID:** 11K0413-07

York Project (SDG) No.  
11K0413

Client Project ID  
#110171/ 1309 38th Street, Brooklyn, NY

Matrix  
Soil

Collection Date/Time  
November 8, 2011 3:00 pm

Date Received  
11/10/2011

**Semi-Volatiles, NYSDEC Part 375 List**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/kg dry	75.9	206	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 13:46	TD
100-01-6	3- & 4-Methylphenols	ND		ug/kg dry	92.8	206	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 13:46	TD
83-32-9	Acenaphthene	ND		ug/kg dry	120	206	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 13:46	TD
208-96-8	Acenaphthylene	ND		ug/kg dry	57.8	206	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 13:46	TD
120-12-7	Anthracene	ND		ug/kg dry	51.2	206	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 13:46	TD
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	79.8	206	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 13:46	TD
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	53.8	206	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 13:46	TD
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	78.5	206	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 13:46	TD
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	62.0	206	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 13:46	TD
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	79.9	206	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 13:46	TD
218-01-9	Chrysene	ND		ug/kg dry	83.2	206	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 13:46	TD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	52.2	206	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 13:46	TD
132-64-9	Dibenzofuran	ND		ug/kg dry	66.6	206	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 13:46	TD
206-44-0	Fluoranthene	ND		ug/kg dry	120	206	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 13:46	TD
86-73-7	Fluorene	ND		ug/kg dry	57.8	206	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 13:46	TD
118-74-1	Hexachlorobenzene	ND		ug/kg dry	33.6	206	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 13:46	TD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	76.1	206	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 13:46	TD
91-20-3	Naphthalene	ND		ug/kg dry	61.6	206	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 13:46	TD
87-86-5	Pentachlorophenol	ND		ug/kg dry	57.8	206	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 13:46	TD
85-01-8	Phenanthrene	ND		ug/kg dry	76.1	206	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 13:46	TD
108-95-2	Phenol	ND		ug/kg dry	82.6	206	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 13:46	TD
129-00-0	Pyrene	ND		ug/kg dry	74.0	206	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 13:46	TD
	<b>Surrogate Recoveries</b>	<b>Result</b>			<b>Acceptance Range</b>						
5175-83-7	Surrogate: 2,4,6-Tribromophenol	32.7 %			15-110						
321-60-8	Surrogate: 2-Fluorobiphenyl	26.0 %	S-04		30-130						
367-12-4	Surrogate: 2-Fluorophenol	19.7 %			15-110						
4165-60-0	Surrogate: Nitrobenzene-d5	32.2 %			30-130						
4165-62-2	Surrogate: Phenol-d5	25.1 %			15-110						
1718-51-0	Surrogate: Terphenyl-d14	30.4 %			30-130						

### Sample Information

**Client Sample ID:** SP-7 (0'-2')

**York Sample ID:** 11K0413-07

York Project (SDG) No.  
11K0413

Client Project ID  
#110171/ 1309 38th Street, Brooklyn, NY

Matrix  
Soil

Collection Date/Time  
November 8, 2011 3:00 pm

Date Received  
11/10/2011

**Pesticides, NYSDEC Part 375 Target List**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.47	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 15:28	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.89	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 15:28	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.48	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 15:28	JW
309-00-2	Aldrin	ND		ug/kg dry	2.11	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 15:28	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.49	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 15:28	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.86	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 15:28	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.08	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 15:28	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.80	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 15:28	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.95	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 15:28	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.60	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 15:28	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.02	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 15:28	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.69	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 15:28	JW
72-20-8	Endrin	ND		ug/kg dry	2.00	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 15:28	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.29	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 15:28	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.63	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 15:28	JW
	<b>Surrogate Recoveries</b>	<b>Result</b>			<b>Acceptance Range</b>						
2051-24-3	Surrogate: Decachlorobiphenyl	68.9 %			30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	57.7 %			30-150						

**Polychlorinated Biphenyls (PCB)**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.00978	0.0210	1	EPA SW 846-8082	11/14/2011 08:00	11/14/2011 17:32	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.00978	0.0210	1	EPA SW 846-8082	11/14/2011 08:00	11/14/2011 17:32	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.00978	0.0210	1	EPA SW 846-8082	11/14/2011 08:00	11/14/2011 17:32	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.00978	0.0210	1	EPA SW 846-8082	11/14/2011 08:00	11/14/2011 17:32	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.00978	0.0210	1	EPA SW 846-8082	11/14/2011 08:00	11/14/2011 17:32	JW
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.00842	0.0210	1	EPA SW 846-8082	11/14/2011 08:00	11/14/2011 17:32	JW
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.00842	0.0210	1	EPA SW 846-8082	11/14/2011 08:00	11/14/2011 17:32	JW
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.00842	0.0210	1	EPA SW 846-8082	11/14/2011 08:00	11/14/2011 17:32	JW
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.00842	0.0210	1	EPA SW 846-8082	11/14/2011 08:00	11/14/2011 17:32	JW
1336-36-3	Total PCBs	ND		mg/kg dry	0.00842	0.0210	1	EPA SW 846-8082	11/14/2011 08:00	11/14/2011 17:32	JW
	<b>Surrogate Recoveries</b>	<b>Result</b>			<b>Acceptance Range</b>						
2051-24-3	Surrogate: Decachlorobiphenyl	64.0 %			30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	50.5 %			30-150						

## Sample Information

**Client Sample ID:** SP-7 (0'-2')

**York Sample ID:** 11K0413-07

York Project (SDG) No.  
11K0413

Client Project ID  
#110171/ 1309 38th Street, Brooklyn, NY

Matrix  
Soil

Collection Date/Time  
November 8, 2011 3:00 pm

Date Received  
11/10/2011

**Metals, Target Analyte**

**Sample Notes:**

Sample Prepared by Method: EPA SW 846-3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	13300		mg/kg dry	1.56	2.48	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:32	MW
7440-36-0	Antimony	ND		mg/kg dry	0.173	0.619	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:32	MW
7440-38-2	Arsenic	23.6		mg/kg dry	0.235	0.619	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:32	MW
7440-39-3	Barium	97.3		mg/kg dry	0.297	0.619	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:32	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.010	0.012	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:32	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.161	0.619	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:32	MW
7440-70-2	Calcium	2630		mg/kg dry	0.054	2.48	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:32	MW
7440-47-3	Chromium	13.0		mg/kg dry	0.099	0.619	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:32	MW
7440-48-4	Cobalt	4.76		mg/kg dry	0.099	0.619	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:32	MW
7440-50-8	Copper	18.8		mg/kg dry	0.173	0.619	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:32	MW
7439-89-6	Iron	30700		mg/kg dry	0.681	1.24	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:32	MW
7439-92-1	Lead	70.1		mg/kg dry	0.124	0.371	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:32	MW
7439-95-4	Magnesium	1860		mg/kg dry	1.02	2.48	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:32	MW
7439-96-5	Manganese	550		mg/kg dry	0.099	1.24	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:32	MW
7440-02-0	Nickel	17.8		mg/kg dry	0.087	0.619	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:32	MW
7440-09-7	Potassium	655		mg/kg dry	3.37	12.4	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:32	MW
7782-49-2	Selenium	1.25		mg/kg dry	0.261	0.619	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:32	MW
7440-22-4	Silver	ND		mg/kg dry	0.111	0.619	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:32	MW
7440-23-5	Sodium	140		mg/kg dry	8.32	12.4	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:32	MW
7440-28-0	Thallium	ND		mg/kg dry	0.235	0.619	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:32	MW
7440-62-2	Vanadium	22.3		mg/kg dry	0.099	0.619	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:32	MW
7440-66-6	Zinc	45.3		mg/kg dry	0.087	0.619	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:32	MW

**Mercury by 7470/7471**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.120	0.124	1	EPA SW846-7471	11/14/2011 16:59	11/14/2011 16:59	AA

**Sample Information**

**Client Sample ID:** SP-7 (0'-2')

**York Sample ID:** 11K0413-07

York Project (SDG) No.  
11K0413

Client Project ID  
#110171/ 1309 38th Street, Brooklyn, NY

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Collection Date/Time  
November 8, 2011 3:00 pm

Date Received  
11/10/2011

**Total Solids**

**Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	80.8		%	0.100	0.100	1	SM 2540G	11/15/2011 15:03	11/15/2011 15:03	AMC

**Chromium, Hexavalent**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.433	0.619	1	SW846-7196A	11/15/2011 13:23	11/15/2011 13:23	AD

**Chromium, Trivalent**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	Chromium, Trivalent	13.0		mg/kg	0.250	0.500	1	CALCULATION	11/16/2011 13:19	11/16/2011 13:20	AD

**Sample Information**

**Client Sample ID:** SP-7 (6'-8')

**York Sample ID:** 11K0413-08

York Project (SDG) No.  
11K0413

Client Project ID  
#110171/ 1309 38th Street, Brooklyn, NY

Matrix  
Soil

Collection Date/Time  
November 8, 2011 3:00 pm

Date Received  
11/10/2011

**Volatile Organics, NYSDEC Part 375 List**

**Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	11	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 21:01	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 21:01	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.2	11	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 21:01	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 21:01	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 21:01	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 21:01	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	0.88	11	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 21:01	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 21:01	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 21:01	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	75	1100	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 21:01	SS
78-93-3	2-Butanone	ND		ug/kg dry	6.1	22	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 21:01	SS
67-64-1	Acetone	34	B	ug/kg dry	7.4	22	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 21:01	SS
71-43-2	Benzene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 21:01	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	11	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 21:01	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.83	11	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 21:01	SS
67-66-3	Chloroform	ND		ug/kg dry	0.85	11	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 21:01	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	11	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 21:01	SS

**Sample Information**

**Client Sample ID:** SP-7 (6'-8')

**York Sample ID:** 11K0413-08

York Project (SDG) No.  
11K0413

Client Project ID  
#110171/ 1309 38th Street, Brooklyn, NY

Matrix  
Soil

Collection Date/Time  
November 8, 2011 3:00 pm

Date Received  
11/10/2011

**Volatile Organics, NYSDEC Part 375 List**

**Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.83	11	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 21:01	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	0.90	11	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 21:01	SS
75-09-2	<b>Methylene chloride</b>	<b>28</b>	B	ug/kg dry	2.5	22	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 21:01	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	0.76	11	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 21:01	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 21:01	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 21:01	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	1.3	22	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 21:01	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 21:01	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 21:01	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 21:01	SS
108-88-3	Toluene	ND		ug/kg dry	0.55	11	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 21:01	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 21:01	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 21:01	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	11	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 21:01	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.5	33	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 21:01	SS
	<b>Surrogate Recoveries</b>	<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	107 %			72.6-129						
460-00-4	Surrogate: p-Bromofluorobenzene	94.2 %			63.5-145						
2037-26-5	Surrogate: Toluene-d8	91.1 %			86.6-116						

**Semi-Volatiles, NYSDEC Part 375 List**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/kg dry	67.3	183	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:18	TD
100-01-6	3- & 4-Methylphenols	ND		ug/kg dry	82.3	183	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:18	TD
83-32-9	Acenaphthene	ND		ug/kg dry	106	183	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:18	TD
208-96-8	Acenaphthylene	ND		ug/kg dry	51.3	183	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:18	TD
120-12-7	Anthracene	ND		ug/kg dry	45.4	183	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:18	TD
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	70.8	183	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:18	TD
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	47.7	183	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:18	TD
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	69.6	183	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:18	TD
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	55.0	183	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:18	TD
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	70.8	183	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:18	TD
218-01-9	Chrysene	ND		ug/kg dry	73.7	183	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:18	TD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	46.2	183	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:18	TD
132-64-9	Dibenzofuran	ND		ug/kg dry	59.0	183	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:18	TD

### Sample Information

**Client Sample ID:** SP-7 (6'-8')

**York Sample ID:** 11K0413-08

York Project (SDG) No.  
11K0413

Client Project ID  
#110171/ 1309 38th Street, Brooklyn, NY

Matrix  
Soil

Collection Date/Time  
November 8, 2011 3:00 pm

Date Received  
11/10/2011

**Semi-Volatiles, NYSDEC Part 375 List**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	Fluoranthene	ND		ug/kg dry	106	183	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:18	TD
86-73-7	Fluorene	ND		ug/kg dry	51.3	183	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:18	TD
118-74-1	Hexachlorobenzene	ND		ug/kg dry	29.8	183	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:18	TD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	67.5	183	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:18	TD
91-20-3	Naphthalene	ND		ug/kg dry	54.7	183	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:18	TD
87-86-5	Pentachlorophenol	ND		ug/kg dry	51.3	183	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:18	TD
85-01-8	Phenanthrene	ND		ug/kg dry	67.5	183	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:18	TD
108-95-2	Phenol	ND		ug/kg dry	73.2	183	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:18	TD
129-00-0	Pyrene	ND		ug/kg dry	65.6	183	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:18	TD

**Surrogate Recoveries**

**Result**

**Acceptance Range**

5175-83-7	Surrogate: 2,4,6-Tribromophenol	42.8 %		15-110
321-60-8	Surrogate: 2-Fluorobiphenyl	35.1 %		30-130
367-12-4	Surrogate: 2-Fluorophenol	24.5 %		15-110
4165-60-0	Surrogate: Nitrobenzene-d5	37.5 %		30-130
4165-62-2	Surrogate: Phenol-d5	32.1 %		15-110
1718-51-0	Surrogate: Terphenyl-d14	40.4 %		30-130

**Pesticides, NYSDEC Part 375 Target List**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.47	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 15:43	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.89	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 15:43	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.48	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 15:43	JW
309-00-2	Aldrin	ND		ug/kg dry	2.11	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 15:43	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.49	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 15:43	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.86	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 15:43	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.08	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 15:43	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.80	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 15:43	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.95	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 15:43	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.60	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 15:43	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.02	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 15:43	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.69	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 15:43	JW
72-20-8	Endrin	ND		ug/kg dry	2.00	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 15:43	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.29	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 15:43	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.63	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 15:43	JW

**Surrogate Recoveries**

**Result**

**Acceptance Range**

2051-24-3	Surrogate: Decachlorobiphenyl	67.8 %		30-150
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**Sample Information**

**Client Sample ID:** SP-7 (6'-8')

**York Sample ID:** 11K0413-08

**York Project (SDG) No.**  
11K0413

**Client Project ID**  
#110171/ 1309 38th Street, Brooklyn, NY

**Matrix**  
Soil

**Collection Date/Time**  
November 8, 2011 3:00 pm

**Date Received**  
11/10/2011

**Pesticides, NYSDEC Part 375 Target List**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
877-09-8	Surrogate: Tetrachloro-m-xylene	55.2 %			30-150						

**Polychlorinated Biphenyls (PCB)**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.00867	0.0187	1	EPA SW 846-8082	11/14/2011 08:00	11/14/2011 18:04	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.00867	0.0187	1	EPA SW 846-8082	11/14/2011 08:00	11/14/2011 18:04	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.00867	0.0187	1	EPA SW 846-8082	11/14/2011 08:00	11/14/2011 18:04	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.00867	0.0187	1	EPA SW 846-8082	11/14/2011 08:00	11/14/2011 18:04	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.00867	0.0187	1	EPA SW 846-8082	11/14/2011 08:00	11/14/2011 18:04	JW
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.00746	0.0187	1	EPA SW 846-8082	11/14/2011 08:00	11/14/2011 18:04	JW
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.00746	0.0187	1	EPA SW 846-8082	11/14/2011 08:00	11/14/2011 18:04	JW
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.00746	0.0187	1	EPA SW 846-8082	11/14/2011 08:00	11/14/2011 18:04	JW
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.00746	0.0187	1	EPA SW 846-8082	11/14/2011 08:00	11/14/2011 18:04	JW
1336-36-3	Total PCBs	ND		mg/kg dry	0.00746	0.0187	1	EPA SW 846-8082	11/14/2011 08:00	11/14/2011 18:04	JW
	<b>Surrogate Recoveries</b>	<b>Result</b>			<b>Acceptance Range</b>						
2051-24-3	Surrogate: Decachlorobiphenyl	62.0 %			30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	46.5 %			30-150						

**Metals, Target Analyte**

**Sample Notes:**

Sample Prepared by Method: EPA SW 846-3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	<b>Aluminum</b>	<b>12700</b>		mg/kg dry	1.38	2.20	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:37	MW
7440-36-0	Antimony	ND		mg/kg dry	0.154	0.549	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:37	MW
7440-38-2	<b>Arsenic</b>	<b>4.06</b>		mg/kg dry	0.209	0.549	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:37	MW
7440-39-3	<b>Barium</b>	<b>71.6</b>		mg/kg dry	0.263	0.549	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:37	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.009	0.011	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:37	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.143	0.549	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:37	MW
7440-70-2	<b>Calcium</b>	<b>2420</b>		mg/kg dry	0.048	2.20	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:37	MW
7440-47-3	<b>Chromium</b>	<b>33.1</b>		mg/kg dry	0.088	0.549	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:37	MW
7440-48-4	<b>Cobalt</b>	<b>13.5</b>		mg/kg dry	0.088	0.549	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:37	MW
7440-50-8	<b>Copper</b>	<b>29.5</b>		mg/kg dry	0.154	0.549	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:37	MW
7439-89-6	<b>Iron</b>	<b>25000</b>		mg/kg dry	0.604	1.10	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:37	MW
7439-92-1	<b>Lead</b>	<b>8.43</b>		mg/kg dry	0.110	0.329	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:37	MW
7439-95-4	<b>Magnesium</b>	<b>5940</b>		mg/kg dry	0.900	2.20	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:37	MW
7439-96-5	<b>Manganese</b>	<b>461</b>		mg/kg dry	0.088	1.10	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:37	MW
7440-02-0	<b>Nickel</b>	<b>55.9</b>		mg/kg dry	0.077	0.549	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:37	MW
7440-09-7	<b>Potassium</b>	<b>2570</b>		mg/kg dry	2.99	11.0	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:37	MW

## Sample Information

**Client Sample ID:** SP-7 (6'-8')

**York Sample ID:** 11K0413-08

**York Project (SDG) No.**  
11K0413

**Client Project ID**  
#110171/ 1309 38th Street, Brooklyn, NY

**Matrix**  
Soil

**Collection Date/Time**  
November 8, 2011 3:00 pm

**Date Received**  
11/10/2011

**Metals, Target Analyte**

**Sample Notes:**

Sample Prepared by Method: EPA SW 846-3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7782-49-2	Selenium	ND		mg/kg dry	0.232	0.549	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:37	MW
7440-22-4	Silver	ND		mg/kg dry	0.099	0.549	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:37	MW
7440-23-5	Sodium	168		mg/kg dry	7.38	11.0	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:37	MW
7440-28-0	Thallium	ND		mg/kg dry	0.209	0.549	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:37	MW
7440-62-2	Vanadium	57.1		mg/kg dry	0.088	0.549	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:37	MW
7440-66-6	Zinc	51.9		mg/kg dry	0.077	0.549	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:37	MW

**Mercury by 7470/7471**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.106	0.110	1	EPA SW846-7471	11/14/2011 16:59	11/14/2011 16:59	AA

**Total Solids**

**Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	91.1		%	0.100	0.100	1	SM 2540G	11/15/2011 15:03	11/15/2011 15:03	AMC

**Chromium, Hexavalent**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.384	0.549	1	SW846-7196A	11/15/2011 13:23	11/15/2011 13:23	AD

**Chromium, Trivalent**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	Chromium, Trivalent	33.1		mg/kg	0.250	0.500	1	CALCULATION	11/16/2011 13:19	11/16/2011 13:20	AD

## Sample Information

**Client Sample ID:** SP-3 (0'-2')

**York Sample ID:** 11K0413-09

**York Project (SDG) No.**  
11K0413

**Client Project ID**  
#110171/ 1309 38th Street, Brooklyn, NY

**Matrix**  
Soil

**Collection Date/Time**  
November 9, 2011 3:00 pm

**Date Received**  
11/10/2011

**Volatile Organics, NYSDEC Part 375 List**

**Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	13	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 21:42	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.9	13	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 21:42	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.6	13	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 21:42	SS

### Sample Information

**Client Sample ID:** SP-3 (0'-2')

**York Sample ID:** 11K0413-09

York Project (SDG) No.  
11K0413

Client Project ID  
#110171/ 1309 38th Street, Brooklyn, NY

Matrix  
Soil

Collection Date/Time  
November 9, 2011 3:00 pm

Date Received  
11/10/2011

**Volatile Organics, NYSDEC Part 375 List**

**Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.4	13	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 21:42	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.6	13	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 21:42	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.8	13	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 21:42	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.0	13	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 21:42	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.3	13	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 21:42	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.8	13	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 21:42	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	85	1300	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 21:42	SS
78-93-3	2-Butanone	ND		ug/kg dry	7.0	25	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 21:42	SS
67-64-1	<b>Acetone</b>	<b>30</b>	B	ug/kg dry	8.4	25	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 21:42	SS
71-43-2	Benzene	ND		ug/kg dry	1.3	13	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 21:42	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	13	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 21:42	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.95	13	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 21:42	SS
67-66-3	Chloroform	ND		ug/kg dry	0.97	13	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 21:42	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	13	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 21:42	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.95	13	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 21:42	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.0	13	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 21:42	SS
75-09-2	<b>Methylene chloride</b>	<b>44</b>	B	ug/kg dry	2.9	25	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 21:42	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	0.87	13	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 21:42	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.6	13	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 21:42	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.4	13	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 21:42	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	1.5	25	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 21:42	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.4	13	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 21:42	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.2	13	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 21:42	SS
127-18-4	<b>Tetrachloroethylene</b>	<b>29</b>		ug/kg dry	1.4	13	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 21:42	SS
108-88-3	Toluene	ND		ug/kg dry	0.62	13	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 21:42	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.8	13	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 21:42	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.5	13	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 21:42	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	13	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 21:42	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.8	38	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 21:42	SS
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	109 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	103 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	91.2 %	86.6-116								

### Sample Information

**Client Sample ID:** SP-3 (0'-2')

**York Sample ID:** 11K0413-09

York Project (SDG) No.  
11K0413

Client Project ID  
#110171/ 1309 38th Street, Brooklyn, NY

Matrix  
Soil

Collection Date/Time  
November 9, 2011 3:00 pm

Date Received  
11/10/2011

**Semi-Volatiles, NYSDEC Part 375 List**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/kg dry	76.8	209	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:50	TD
100-01-6	3- & 4-Methylphenols	ND		ug/kg dry	93.9	209	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:50	TD
83-32-9	Acenaphthene	ND		ug/kg dry	121	209	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:50	TD
208-96-8	Acenaphthylene	ND		ug/kg dry	58.5	209	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:50	TD
120-12-7	Anthracene	ND		ug/kg dry	51.8	209	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:50	TD
56-55-3	<b>Benzo(a)anthracene</b>	<b>89.7</b>	J	ug/kg dry	80.8	209	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:50	TD
50-32-8	<b>Benzo(a)pyrene</b>	<b>69.7</b>	J	ug/kg dry	54.4	209	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:50	TD
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	79.4	209	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:50	TD
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	62.7	209	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:50	TD
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	80.8	209	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:50	TD
218-01-9	Chrysene	ND		ug/kg dry	84.1	209	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:50	TD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	52.8	209	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:50	TD
132-64-9	Dibenzofuran	ND		ug/kg dry	67.4	209	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:50	TD
206-44-0	<b>Fluoranthene</b>	<b>123</b>	J	ug/kg dry	121	209	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:50	TD
86-73-7	Fluorene	ND		ug/kg dry	58.5	209	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:50	TD
118-74-1	Hexachlorobenzene	ND		ug/kg dry	34.0	209	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:50	TD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	77.0	209	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:50	TD
91-20-3	Naphthalene	ND		ug/kg dry	62.4	209	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:50	TD
87-86-5	Pentachlorophenol	ND		ug/kg dry	58.5	209	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:50	TD
85-01-8	<b>Phenanthrene</b>	<b>84.3</b>	J	ug/kg dry	77.0	209	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:50	TD
108-95-2	Phenol	ND		ug/kg dry	83.5	209	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:50	TD
129-00-0	<b>Pyrene</b>	<b>117</b>	J	ug/kg dry	74.9	209	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 14:50	TD
	<b>Surrogate Recoveries</b>	<b>Result</b>									<b>Acceptance Range</b>
5175-83-7	Surrogate: 2,4,6-Tribromophenol	47.0 %									15-110
321-60-8	Surrogate: 2-Fluorobiphenyl	36.8 %									30-130
367-12-4	Surrogate: 2-Fluorophenol	28.8 %									15-110
4165-60-0	Surrogate: Nitrobenzene-d5	36.7 %									30-130
4165-62-2	Surrogate: Phenol-d5	31.4 %									15-110
1718-51-0	Surrogate: Terphenyl-d14	41.9 %									30-130

**Sample Information**

**Client Sample ID:** SP-3 (0'-2')

**York Sample ID:** 11K0413-09

York Project (SDG) No.  
11K0413

Client Project ID  
#110171/ 1309 38th Street, Brooklyn, NY

Matrix  
Soil

Collection Date/Time  
November 9, 2011 3:00 pm

Date Received  
11/10/2011

**Pesticides, NYSDEC Part 375 Target List**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.47	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 15:58	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.89	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 15:58	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.48	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 15:58	JW
309-00-2	Aldrin	ND		ug/kg dry	2.11	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 15:58	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.49	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 15:58	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.86	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 15:58	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.08	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 15:58	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.80	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 15:58	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.95	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 15:58	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.60	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 15:58	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.02	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 15:58	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.69	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 15:58	JW
72-20-8	Endrin	ND		ug/kg dry	2.00	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 15:58	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.29	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 15:58	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.63	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/14/2011 15:58	JW
	<b>Surrogate Recoveries</b>	<b>Result</b>			<b>Acceptance Range</b>						
2051-24-3	Surrogate: Decachlorobiphenyl	77.3 %			30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	69.9 %			30-150						

**Polychlorinated Biphenyls (PCB)**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.00989	0.0213	1	EPA SW 846-8082	11/14/2011 08:00	11/14/2011 18:36	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.00989	0.0213	1	EPA SW 846-8082	11/14/2011 08:00	11/14/2011 18:36	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.00989	0.0213	1	EPA SW 846-8082	11/14/2011 08:00	11/14/2011 18:36	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.00989	0.0213	1	EPA SW 846-8082	11/14/2011 08:00	11/14/2011 18:36	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.00989	0.0213	1	EPA SW 846-8082	11/14/2011 08:00	11/14/2011 18:36	JW
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.00852	0.0213	1	EPA SW 846-8082	11/14/2011 08:00	11/14/2011 18:36	JW
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.00852	0.0213	1	EPA SW 846-8082	11/14/2011 08:00	11/14/2011 18:36	JW
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.00852	0.0213	1	EPA SW 846-8082	11/14/2011 08:00	11/14/2011 18:36	JW
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.00852	0.0213	1	EPA SW 846-8082	11/14/2011 08:00	11/14/2011 18:36	JW
1336-36-3	Total PCBs	ND		mg/kg dry	0.00852	0.0213	1	EPA SW 846-8082	11/14/2011 08:00	11/14/2011 18:36	JW
	<b>Surrogate Recoveries</b>	<b>Result</b>			<b>Acceptance Range</b>						
2051-24-3	Surrogate: Decachlorobiphenyl	55.5 %			30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	53.5 %			30-150						

### Sample Information

**Client Sample ID:** SP-3 (0'-2')

**York Sample ID:** 11K0413-09

York Project (SDG) No.  
11K0413

Client Project ID  
#110171/ 1309 38th Street, Brooklyn, NY

Matrix  
Soil

Collection Date/Time  
November 9, 2011 3:00 pm

Date Received  
11/10/2011

**Metals, Target Analyte**

**Sample Notes:**

Sample Prepared by Method: EPA SW 846-3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	13500		mg/kg dry	1.58	2.50	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:42	MW
7440-36-0	Antimony	0.664		mg/kg dry	0.175	0.626	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:42	MW
7440-38-2	Arsenic	9.96		mg/kg dry	0.238	0.626	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:42	MW
7440-39-3	Barium	107		mg/kg dry	0.301	0.626	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:42	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.010	0.013	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:42	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.163	0.626	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:42	MW
7440-70-2	Calcium	2000		mg/kg dry	0.054	2.50	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:42	MW
7440-47-3	Chromium	16.8		mg/kg dry	0.100	0.626	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:42	MW
7440-48-4	Cobalt	6.03		mg/kg dry	0.100	0.626	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:42	MW
7440-50-8	Copper	56.5		mg/kg dry	0.175	0.626	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:42	MW
7439-89-6	Iron	17800		mg/kg dry	0.689	1.25	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:42	MW
7439-92-1	Lead	506		mg/kg dry	0.125	0.376	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:42	MW
7439-95-4	Magnesium	2200		mg/kg dry	1.03	2.50	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:42	MW
7439-96-5	Manganese	192		mg/kg dry	0.100	1.25	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:42	MW
7440-02-0	Nickel	19.9		mg/kg dry	0.088	0.626	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:42	MW
7440-09-7	Potassium	799		mg/kg dry	3.41	12.5	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:42	MW
7782-49-2	Selenium	1.45		mg/kg dry	0.264	0.626	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:42	MW
7440-22-4	Silver	ND		mg/kg dry	0.113	0.626	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:42	MW
7440-23-5	Sodium	183		mg/kg dry	8.42	12.5	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:42	MW
7440-28-0	Thallium	ND		mg/kg dry	0.238	0.626	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:42	MW
7440-62-2	Vanadium	25.8		mg/kg dry	0.100	0.626	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:42	MW
7440-66-6	Zinc	66.4		mg/kg dry	0.088	0.626	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:42	MW

**Mercury by 7470/7471**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.225		mg/kg dry	0.121	0.125	1	EPA SW846-7471	11/14/2011 16:59	11/14/2011 16:59	AA

**Sample Information**

**Client Sample ID:** SP-3 (0'-2')

**York Sample ID:** 11K0413-09

York Project (SDG) No.  
11K0413

Client Project ID  
#110171/ 1309 38th Street, Brooklyn, NY

Matrix  
Soil

Collection Date/Time  
November 9, 2011 3:00 pm

Date Received  
11/10/2011

**Total Solids**

**Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	79.9		%	0.100	0.100	1	SM 2540G	11/15/2011 15:03	11/15/2011 15:03	AMC

**Chromium, Hexavalent**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.438	0.626	1	SW846-7196A	11/15/2011 13:23	11/15/2011 13:23	AD

**Chromium, Trivalent**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	Chromium, Trivalent	16.8		mg/kg	0.250	0.500	1	CALCULATION	11/16/2011 13:19	11/16/2011 13:20	AD

**Sample Information**

**Client Sample ID:** SP-3 (6'-8')

**York Sample ID:** 11K0413-10

York Project (SDG) No.  
11K0413

Client Project ID  
#110171/ 1309 38th Street, Brooklyn, NY

Matrix  
Soil

Collection Date/Time  
November 9, 2011 3:00 pm

Date Received  
11/10/2011

**Volatile Organics, NYSDEC Part 375 List**

**Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	11	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 22:23	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.7	11	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 22:23	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.2	11	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 22:23	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 22:23	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 22:23	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 22:23	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	0.89	11	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 22:23	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 22:23	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 22:23	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	76	1100	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 22:23	SS
78-93-3	2-Butanone	ND		ug/kg dry	6.2	22	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 22:23	SS
67-64-1	Acetone	33	B	ug/kg dry	7.4	22	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 22:23	SS
71-43-2	Benzene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 22:23	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	11	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 22:23	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.84	11	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 22:23	SS
67-66-3	Chloroform	ND		ug/kg dry	0.86	11	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 22:23	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	11	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 22:23	SS

### Sample Information

**Client Sample ID:** SP-3 (6'-8')

**York Sample ID:** 11K0413-10

York Project (SDG) No.  
11K0413

Client Project ID  
#110171/ 1309 38th Street, Brooklyn, NY

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11/10/2011

**Volatile Organics, NYSDEC Part 375 List**

**Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.84	11	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 22:23	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	0.91	11	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 22:23	SS
75-09-2	<b>Methylene chloride</b>	<b>29</b>	B	ug/kg dry	2.5	22	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 22:23	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	0.77	11	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 22:23	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 22:23	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 22:23	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	1.3	22	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 22:23	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 22:23	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 22:23	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 22:23	SS
108-88-3	Toluene	ND		ug/kg dry	0.55	11	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 22:23	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 22:23	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 22:23	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	11	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 22:23	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.5	33	2	EPA SW846-8260B	11/16/2011 15:41	11/16/2011 22:23	SS
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	108 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	95.1 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	89.5 %	86.6-116								

**Semi-Volatiles, NYSDEC Part 375 List**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/kg dry	67.9	185	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 15:22	TD
100-01-6	3- & 4-Methylphenols	ND		ug/kg dry	83.1	185	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 15:22	TD
83-32-9	Acenaphthene	ND		ug/kg dry	107	185	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 15:22	TD
208-96-8	Acenaphthylene	ND		ug/kg dry	51.7	185	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 15:22	TD
120-12-7	Anthracene	ND		ug/kg dry	45.8	185	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 15:22	TD
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	71.4	185	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 15:22	TD
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	48.1	185	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 15:22	TD
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	70.3	185	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 15:22	TD
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	55.5	185	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 15:22	TD
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	71.5	185	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 15:22	TD
218-01-9	Chrysene	ND		ug/kg dry	74.4	185	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 15:22	TD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	46.7	185	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 15:22	TD
132-64-9	Dibenzofuran	ND		ug/kg dry	59.6	185	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 15:22	TD

**Sample Information**

**Client Sample ID:** SP-3 (6'-8')

**York Sample ID:** 11K0413-10

York Project (SDG) No.  
11K0413

Client Project ID  
#110171/ 1309 38th Street, Brooklyn, NY

Matrix  
Soil

Collection Date/Time  
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**Semi-Volatiles, NYSDEC Part 375 List**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	Fluoranthene	ND		ug/kg dry	107	185	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 15:22	TD
86-73-7	Fluorene	ND		ug/kg dry	51.7	185	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 15:22	TD
118-74-1	Hexachlorobenzene	ND		ug/kg dry	30.1	185	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 15:22	TD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	68.1	185	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 15:22	TD
91-20-3	Naphthalene	ND		ug/kg dry	55.2	185	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 15:22	TD
87-86-5	Pentachlorophenol	ND		ug/kg dry	51.7	185	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 15:22	TD
85-01-8	Phenanthrene	ND		ug/kg dry	68.1	185	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 15:22	TD
108-95-2	Phenol	ND		ug/kg dry	73.9	185	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 15:22	TD
129-00-0	Pyrene	ND		ug/kg dry	66.2	185	1	EPA SW-846 8270C	11/14/2011 12:34	11/15/2011 15:22	TD

**Surrogate Recoveries**

**Result**

**Acceptance Range**

5175-83-7	Surrogate: 2,4,6-Tribromophenol	38.6 %		15-110
321-60-8	Surrogate: 2-Fluorobiphenyl	33.8 %		30-130
367-12-4	Surrogate: 2-Fluorophenol	23.2 %		15-110
4165-60-0	Surrogate: Nitrobenzene-d5	30.3 %		30-130
4165-62-2	Surrogate: Phenol-d5	27.5 %		15-110
1718-51-0	Surrogate: Terphenyl-d14	36.4 %		30-130

**Pesticides, NYSDEC Part 375 Target List**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.47	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/15/2011 09:59	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.89	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/15/2011 09:59	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.48	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/15/2011 09:59	JW
309-00-2	Aldrin	ND		ug/kg dry	2.11	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/15/2011 09:59	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.49	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/15/2011 09:59	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.86	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/15/2011 09:59	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.08	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/15/2011 09:59	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.80	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/15/2011 09:59	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.95	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/15/2011 09:59	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.60	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/15/2011 09:59	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.02	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/15/2011 09:59	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.69	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/15/2011 09:59	JW
72-20-8	Endrin	ND		ug/kg dry	2.00	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/15/2011 09:59	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.29	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/15/2011 09:59	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.63	3.30	10	EPA SW 846-8081	11/14/2011 08:00	11/15/2011 09:59	JW

**Surrogate Recoveries**

**Result**

**Acceptance Range**

2051-24-3	Surrogate: Decachlorobiphenyl	82.5 %		30-150
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**Sample Information**

**Client Sample ID:** SP-3 (6'-8')

**York Sample ID:** 11K0413-10

**York Project (SDG) No.**  
11K0413

**Client Project ID**  
#110171/ 1309 38th Street, Brooklyn, NY

**Matrix**  
Soil

**Collection Date/Time**  
November 9, 2011 3:00 pm

**Date Received**  
11/10/2011

**Pesticides, NYSDEC Part 375 Target List**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
877-09-8	Surrogate: Tetrachloro-m-xylene	63.7 %			30-150						

**Polychlorinated Biphenyls (PCB)**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.00875	0.0188	1	EPA SW 846-8082	11/14/2011 08:00	11/14/2011 19:07	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.00875	0.0188	1	EPA SW 846-8082	11/14/2011 08:00	11/14/2011 19:07	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.00875	0.0188	1	EPA SW 846-8082	11/14/2011 08:00	11/14/2011 19:07	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.00875	0.0188	1	EPA SW 846-8082	11/14/2011 08:00	11/14/2011 19:07	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.00875	0.0188	1	EPA SW 846-8082	11/14/2011 08:00	11/14/2011 19:07	JW
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.00753	0.0188	1	EPA SW 846-8082	11/14/2011 08:00	11/14/2011 19:07	JW
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.00753	0.0188	1	EPA SW 846-8082	11/14/2011 08:00	11/14/2011 19:07	JW
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.00753	0.0188	1	EPA SW 846-8082	11/14/2011 08:00	11/14/2011 19:07	JW
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.00753	0.0188	1	EPA SW 846-8082	11/14/2011 08:00	11/14/2011 19:07	JW
1336-36-3	Total PCBs	ND		mg/kg dry	0.00753	0.0188	1	EPA SW 846-8082	11/14/2011 08:00	11/14/2011 19:07	JW
	<b>Surrogate Recoveries</b>	<b>Result</b>			<b>Acceptance Range</b>						
2051-24-3	Surrogate: Decachlorobiphenyl	77.5 %			30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	53.5 %			30-150						

**Metals, Target Analyte**

**Sample Notes:**

Sample Prepared by Method: EPA SW 846-3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	11500		mg/kg dry	1.40	2.22	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:47	MW
7440-36-0	Antimony	ND		mg/kg dry	0.155	0.554	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:47	MW
7440-38-2	Arsenic	5.01		mg/kg dry	0.210	0.554	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:47	MW
7440-39-3	Barium	59.5		mg/kg dry	0.266	0.554	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:47	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.009	0.011	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:47	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.144	0.554	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:47	MW
7440-70-2	Calcium	1780		mg/kg dry	0.048	2.22	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:47	MW
7440-47-3	Chromium	39.0		mg/kg dry	0.089	0.554	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:47	MW
7440-48-4	Cobalt	15.6		mg/kg dry	0.089	0.554	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:47	MW
7440-50-8	Copper	51.0		mg/kg dry	0.155	0.554	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:47	MW
7439-89-6	Iron	21300		mg/kg dry	0.609	1.11	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:47	MW
7439-92-1	Lead	13.0		mg/kg dry	0.111	0.332	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:47	MW
7439-95-4	Magnesium	6360		mg/kg dry	0.908	2.22	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:47	MW
7439-96-5	Manganese	635		mg/kg dry	0.089	1.11	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:47	MW
7440-02-0	Nickel	184		mg/kg dry	0.078	0.554	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:47	MW
7440-09-7	Potassium	1260		mg/kg dry	3.01	11.1	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:47	MW

## Sample Information

**Client Sample ID:** SP-3 (6'-8')

**York Sample ID:** 11K0413-10

**York Project (SDG) No.**  
11K0413

**Client Project ID**  
#110171/ 1309 38th Street, Brooklyn, NY

**Matrix**  
Soil

**Collection Date/Time**  
November 9, 2011 3:00 pm

**Date Received**  
11/10/2011

**Metals, Target Analyte**

**Sample Notes:**

Sample Prepared by Method: EPA SW 846-3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7782-49-2	Selenium	1.02		mg/kg dry	0.234	0.554	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:47	MW
7440-22-4	Silver	ND		mg/kg dry	0.100	0.554	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:47	MW
7440-23-5	Sodium	189		mg/kg dry	7.44	11.1	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:47	MW
7440-28-0	Thallium	ND		mg/kg dry	0.210	0.554	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:47	MW
7440-62-2	Vanadium	44.2		mg/kg dry	0.089	0.554	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:47	MW
7440-66-6	Zinc	102		mg/kg dry	0.078	0.554	1	EPA SW846-6010B	11/14/2011 16:21	11/14/2011 23:47	MW

**Mercury by 7470/7471**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.107	0.111	1	EPA SW846-7471	11/14/2011 16:59	11/14/2011 16:59	AA

**Total Solids**

**Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	90.3		%	0.100	0.100	1	SM 2540G	11/15/2011 15:03	11/15/2011 15:03	AMC

**Chromium, Hexavalent**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.388	0.554	1	SW846-7196A	11/15/2011 13:23	11/15/2011 13:23	AD

**Chromium, Trivalent**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	Chromium, Trivalent	39.0		mg/kg	0.250	0.500	1	CALCULATION	11/16/2011 13:19	11/16/2011 13:20	AD

## Sample Information

**Client Sample ID:** Field Blank

**York Sample ID:** 11K0413-11

**York Project (SDG) No.**  
11K0413

**Client Project ID**  
#110171/ 1309 38th Street, Brooklyn, NY

**Matrix**  
Water

**Collection Date/Time**  
November 9, 2011 3:00 pm

**Date Received**  
11/10/2011

**Semi-Volatiles, NYSDEC Part 375 List**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/L	0.902	5.26	1	EPA SW-846 8270C	11/11/2011 15:01	11/15/2011 06:55	TD
100-01-6	3- & 4-Methylphenols	ND		ug/L	3.91	5.26	1	EPA SW-846 8270C	11/11/2011 15:01	11/15/2011 06:55	TD
83-32-9	Acenaphthene	ND		ug/L	0.0341	0.0526	1	EPA SW-846 8270C	11/11/2011 15:01	11/15/2011 06:55	TD

**Sample Information**

**Client Sample ID:** Field Blank

**York Sample ID:** 11K0413-11

York Project (SDG) No.  
11K0413

Client Project ID  
#110171/ 1309 38th Street, Brooklyn, NY

Matrix  
Water

Collection Date/Time  
November 9, 2011 3:00 pm

Date Received  
11/10/2011

**Semi-Volatiles, NYSDEC Part 375 List**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
208-96-8	Acenaphthylene	ND		ug/L	0.0450	0.0526	1	EPA SW-846 8270C	11/11/2011 15:01	11/15/2011 06:55	TD
120-12-7	Anthracene	ND		ug/L	0.0484	0.0526	1	EPA SW-846 8270C	11/11/2011 15:01	11/15/2011 06:55	TD
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0428	0.0526	1	EPA SW-846 8270C	11/11/2011 15:01	11/15/2011 06:55	TD
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0510	0.0526	1	EPA SW-846 8270C	11/11/2011 15:01	11/15/2011 06:55	TD
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0434	0.0526	1	EPA SW-846 8270C	11/11/2011 15:01	11/15/2011 06:55	TD
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0437	0.0526	1	EPA SW-846 8270C	11/11/2011 15:01	11/15/2011 06:55	TD
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0364	0.0526	1	EPA SW-846 8270C	11/11/2011 15:01	11/15/2011 06:55	TD
218-01-9	Chrysene	ND		ug/L	0.0437	0.0526	1	EPA SW-846 8270C	11/11/2011 15:01	11/15/2011 06:55	TD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0326	0.0526	1	EPA SW-846 8270C	11/11/2011 15:01	11/15/2011 06:55	TD
132-64-9	Dibenzofuran	ND		ug/L	3.05	5.26	1	EPA SW-846 8270C	11/11/2011 15:01	11/15/2011 06:55	TD
206-44-0	Fluoranthene	ND		ug/L	0.0168	0.0526	1	EPA SW-846 8270C	11/11/2011 15:01	11/15/2011 06:55	TD
86-73-7	Fluorene	ND		ug/L	0.0340	0.0526	1	EPA SW-846 8270C	11/11/2011 15:01	11/15/2011 06:55	TD
118-74-1	Hexachlorobenzene	ND		ug/L	0.0311	0.0526	1	EPA SW-846 8270C	11/11/2011 15:01	11/15/2011 06:55	TD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0289	0.0526	1	EPA SW-846 8270C	11/11/2011 15:01	11/15/2011 06:55	TD
91-20-3	Naphthalene	ND		ug/L	4.07	5.26	1	EPA SW-846 8270C	11/11/2011 15:01	11/15/2011 06:55	TD
87-86-5	Pentachlorophenol	ND		ug/L	0.396	0.526	1	EPA SW-846 8270C	11/11/2011 15:01	11/15/2011 06:55	TD
85-01-8	Phenanthrene	ND		ug/L	0.0381	0.0526	1	EPA SW-846 8270C	11/11/2011 15:01	11/15/2011 06:55	TD
108-95-2	Phenol	ND		ug/L	3.44	5.26	1	EPA SW-846 8270C	11/11/2011 15:01	11/15/2011 06:55	TD
129-00-0	Pyrene	ND		ug/L	0.0253	0.0526	1	EPA SW-846 8270C	11/11/2011 15:01	11/15/2011 06:55	TD

**Surrogate Recoveries**

	Surrogate Recoveries	Result	Flag	Acceptance Range
5175-83-7	Surrogate: 2,4,6-Tribromophenol	47.4 %		15-110
321-60-8	Surrogate: 2-Fluorobiphenyl	40.7 %		30-130
367-12-4	Surrogate: 2-Fluorophenol	7.22 %	S-04	15-110
4165-60-0	Surrogate: Nitrobenzene-d5	50.6 %		30-130
4165-62-2	Surrogate: Phenol-d5	5.37 %	S-04	10-110
1718-51-0	Surrogate: Terphenyl-d14	46.2 %		30-130

### Sample Information

**Client Sample ID:** Field Blank

**York Sample ID:** 11K0413-11

York Project (SDG) No.  
11K0413

Client Project ID  
#110171/ 1309 38th Street, Brooklyn, NY

Matrix  
Water

Collection Date/Time  
November 9, 2011 3:00 pm

Date Received  
11/10/2011

**Pesticides, NYSDEC Part 375 Target List**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00100	0.00105	1	EPA SW 846-8081	11/11/2011 15:01	11/15/2011 13:57	JW
72-55-9	4,4'-DDE	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081	11/11/2011 15:01	11/15/2011 13:57	JW
50-29-3	4,4'-DDT	ND		ug/L	0.000884	0.00105	1	EPA SW 846-8081	11/11/2011 15:01	11/15/2011 13:57	JW
309-00-2	Aldrin	ND		ug/L	0.000916	0.00105	1	EPA SW 846-8081	11/11/2011 15:01	11/15/2011 13:57	JW
319-84-6	alpha-BHC	ND		ug/L	0.00101	0.00105	1	EPA SW 846-8081	11/11/2011 15:01	11/15/2011 13:57	JW
5103-71-9	alpha-Chlordane	ND		ug/L	0.000695	0.00105	1	EPA SW 846-8081	11/11/2011 15:01	11/15/2011 13:57	JW
319-85-7	beta-BHC	ND		ug/L	0.000832	0.00105	1	EPA SW 846-8081	11/11/2011 15:01	11/15/2011 13:57	JW
319-86-8	delta-BHC	ND		ug/L	0.00101	0.00105	1	EPA SW 846-8081	11/11/2011 15:01	11/15/2011 13:57	JW
60-57-1	Dieldrin	ND		ug/L	0.000747	0.00105	1	EPA SW 846-8081	11/11/2011 15:01	11/15/2011 13:57	JW
959-98-8	Endosulfan I	ND		ug/L	0.000832	0.00105	1	EPA SW 846-8081	11/11/2011 15:01	11/15/2011 13:57	JW
33213-65-9	Endosulfan II	ND		ug/L	0.000884	0.00105	1	EPA SW 846-8081	11/11/2011 15:01	11/15/2011 13:57	JW
1031-07-8	Endosulfan sulfate	ND		ug/L	0.0100	0.0105	1	EPA SW 846-8081	11/11/2011 15:01	11/15/2011 13:57	JW
72-20-8	Endrin	ND		ug/L	0.000989	0.00105	1	EPA SW 846-8081	11/11/2011 15:01	11/15/2011 13:57	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00101	0.00105	1	EPA SW 846-8081	11/11/2011 15:01	11/15/2011 13:57	JW
76-44-8	Heptachlor	ND		ug/L	0.00100	0.00105	1	EPA SW 846-8081	11/11/2011 15:01	11/15/2011 13:57	JW
	<b>Surrogate Recoveries</b>	<b>Result</b>			<b>Acceptance Range</b>						
2051-24-3	Surrogate: Decachlorobiphenyl	68.0 %			30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	76.9 %			30-150						

**Polychlorinated Biphenyls (PCB)**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0382	0.0526	1	EPA SW 846-8082	11/11/2011 15:01	11/15/2011 16:30	JW
11104-28-2	Aroclor 1221	ND		ug/L	0.0382	0.0526	1	EPA SW 846-8082	11/11/2011 15:01	11/15/2011 16:30	JW
11141-16-5	Aroclor 1232	ND		ug/L	0.0382	0.0526	1	EPA SW 846-8082	11/11/2011 15:01	11/15/2011 16:30	JW
53469-21-9	Aroclor 1242	ND		ug/L	0.0382	0.0526	1	EPA SW 846-8082	11/11/2011 15:01	11/15/2011 16:30	JW
12672-29-6	Aroclor 1248	ND		ug/L	0.0382	0.0526	1	EPA SW 846-8082	11/11/2011 15:01	11/15/2011 16:30	JW
11097-69-1	Aroclor 1254	ND		ug/L	0.0444	0.0526	1	EPA SW 846-8082	11/11/2011 15:01	11/15/2011 16:30	JW
11096-82-5	Aroclor 1260	ND		ug/L	0.0444	0.0526	1	EPA SW 846-8082	11/11/2011 15:01	11/15/2011 16:30	JW
37324-23-5	Aroclor 1262	ND		ug/L	0.0444	0.0526	1	EPA SW 846-8082	11/11/2011 15:01	11/15/2011 16:30	JW
11100-14-4	Aroclor 1268	ND		ug/L	0.0444	0.0526	1	EPA SW 846-8082	11/11/2011 15:01	11/15/2011 16:30	JW
1336-36-3	Total PCBs	ND		ug/L	0.0382	0.0526	1	EPA SW 846-8082	11/11/2011 15:01	11/15/2011 16:30	JW
	<b>Surrogate Recoveries</b>	<b>Result</b>			<b>Acceptance Range</b>						
2051-24-3	Surrogate: Decachlorobiphenyl	66.5 %			30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	70.5 %			30-150						

### Sample Information

**Client Sample ID:** Field Blank

**York Sample ID:** 11K0413-11

York Project (SDG) No.  
11K0413

Client Project ID  
#110171/ 1309 38th Street, Brooklyn, NY

Matrix  
Water

Collection Date/Time  
November 9, 2011 3:00 pm

Date Received  
11/10/2011

**Metals, Target Analyte**

**Sample Notes:**

Sample Prepared by Method: EPA SW 846-3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.007	0.010	1	EPA SW846-6010B	11/14/2011 16:06	11/14/2011 18:23	MW
7440-36-0	Antimony	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	11/14/2011 16:06	11/14/2011 18:23	MW
7440-38-2	Arsenic	ND		mg/L	0.001	0.010	1	EPA SW846-6010B	11/14/2011 16:06	11/14/2011 18:23	MW
7440-39-3	Barium	ND		mg/L	0.004	0.010	1	EPA SW846-6010B	11/14/2011 16:06	11/14/2011 18:23	MW
7440-41-7	Beryllium	ND		mg/L	0.0009	0.001	1	EPA SW846-6010B	11/14/2011 16:06	11/14/2011 18:23	MW
7440-43-9	Cadmium	ND		mg/L	0.001	0.003	1	EPA SW846-6010B	11/14/2011 16:06	11/14/2011 18:23	MW
7440-70-2	Calcium	ND		mg/L	0.009	0.020	1	EPA SW846-6010B	11/14/2011 16:06	11/14/2011 18:23	MW
7440-47-3	Chromium	ND		mg/L	0.0009	0.005	1	EPA SW846-6010B	11/14/2011 16:06	11/14/2011 18:23	MW
7440-48-4	Cobalt	ND		mg/L	0.001	0.005	1	EPA SW846-6010B	11/14/2011 16:06	11/14/2011 18:23	MW
7440-50-8	Copper	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	11/14/2011 16:06	11/14/2011 18:23	MW
7439-89-6	Iron	ND		mg/L	0.006	0.010	1	EPA SW846-6010B	11/14/2011 16:06	11/14/2011 18:23	MW
7439-92-1	Lead	ND		mg/L	0.001	0.003	1	EPA SW846-6010B	11/14/2011 16:06	11/14/2011 18:23	MW
7439-95-4	Magnesium	ND		mg/L	0.008	0.020	1	EPA SW846-6010B	11/14/2011 16:06	11/14/2011 18:23	MW
7439-96-5	Manganese	ND		mg/L	0.001	0.005	1	EPA SW846-6010B	11/14/2011 16:06	11/14/2011 18:23	MW
7440-02-0	Nickel	ND		mg/L	0.0008	0.005	1	EPA SW846-6010B	11/14/2011 16:06	11/14/2011 18:23	MW
7440-09-7	<b>Potassium</b>	<b>0.081</b>		mg/L	0.026	0.050	1	EPA SW846-6010B	11/14/2011 16:06	11/14/2011 18:23	MW
7782-49-2	Selenium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B	11/14/2011 16:06	11/14/2011 18:23	MW
7440-22-4	Silver	ND		mg/L	0.001	0.005	1	EPA SW846-6010B	11/14/2011 16:06	11/14/2011 18:23	MW
7440-23-5	Sodium	ND		mg/L	0.066	0.100	1	EPA SW846-6010B	11/14/2011 16:06	11/14/2011 18:23	MW
7440-28-0	Thallium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B	11/14/2011 16:06	11/14/2011 18:23	MW
7440-62-2	Vanadium	ND		mg/L	0.001	0.010	1	EPA SW846-6010B	11/14/2011 16:06	11/14/2011 18:23	MW
7440-66-6	Zinc	ND		mg/L	0.0009	0.020	1	EPA SW846-6010B	11/14/2011 16:06	11/14/2011 18:23	MW

**Mercury by 7470/7471**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00004	0.0002	1	EPA SW846-7470	11/14/2011 16:58	11/14/2011 16:58	AA

## Sample Information

**Client Sample ID:** Field Blank

**York Sample ID:** 11K0413-11

York Project (SDG) No.  
11K0413

Client Project ID  
#110171/ 1309 38th Street, Brooklyn, NY

Matrix  
Water

Collection Date/Time  
November 9, 2011 3:00 pm

Date Received  
11/10/2011

**Chromium, Hexavalent**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.00600	0.0100	1	SW846-7196A	11/10/2011 14:20	11/10/2011 14:20	AD

**Chromium, Trivalent**

**Sample Notes:**

Sample Prepared by Method: \*\*\* DEFAULT PREP \*\*\*

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	Chromium, Trivalent	ND		mg/L	0.00800	0.0100	1	CALCULATION	11/10/2011 14:26	11/10/2011 14:26	AD

## Sample Information

**Client Sample ID:** Trip Blank

**York Sample ID:** 11K0413-12

York Project (SDG) No.  
11K0413

Client Project ID  
#110171/ 1309 38th Street, Brooklyn, NY

Matrix  
Water

Collection Date/Time  
November 9, 2011 3:00 pm

Date Received  
11/10/2011

**Volatile Organics, 8260 List**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	11/17/2011 10:02	11/17/2011 10:02	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.95	5.0	1	EPA SW846-8260B	11/17/2011 10:02	11/17/2011 10:02	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.57	5.0	1	EPA SW846-8260B	11/17/2011 10:02	11/17/2011 10:02	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.60	5.0	1	EPA SW846-8260B	11/17/2011 10:02	11/17/2011 10:02	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	11/17/2011 10:02	11/17/2011 10:02	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	11/17/2011 10:02	11/17/2011 10:02	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	11/17/2011 10:02	11/17/2011 10:02	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	11/17/2011 10:02	11/17/2011 10:02	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.37	10	1	EPA SW846-8260B	11/17/2011 10:02	11/17/2011 10:02	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.1	5.0	1	EPA SW846-8260B	11/17/2011 10:02	11/17/2011 10:02	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.48	10	1	EPA SW846-8260B	11/17/2011 10:02	11/17/2011 10:02	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.53	5.0	1	EPA SW846-8260B	11/17/2011 10:02	11/17/2011 10:02	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	1.3	10	1	EPA SW846-8260B	11/17/2011 10:02	11/17/2011 10:02	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	11/17/2011 10:02	11/17/2011 10:02	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	11/17/2011 10:02	11/17/2011 10:02	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	11/17/2011 10:02	11/17/2011 10:02	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.22	5.0	1	EPA SW846-8260B	11/17/2011 10:02	11/17/2011 10:02	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.37	5.0	1	EPA SW846-8260B	11/17/2011 10:02	11/17/2011 10:02	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.47	5.0	1	EPA SW846-8260B	11/17/2011 10:02	11/17/2011 10:02	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	11/17/2011 10:02	11/17/2011 10:02	SS

### Sample Information

**Client Sample ID:** Trip Blank

**York Sample ID:** 11K0413-12

York Project (SDG) No.  
11K0413

Client Project ID  
#110171/ 1309 38th Street, Brooklyn, NY

Matrix  
Water

Collection Date/Time  
November 9, 2011 3:00 pm

Date Received  
11/10/2011

**Volatile Organics, 8260 List**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	11/17/2011 10:02	11/17/2011 10:02	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.96	5.0	1	EPA SW846-8260B	11/17/2011 10:02	11/17/2011 10:02	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	11/17/2011 10:02	11/17/2011 10:02	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	11/17/2011 10:02	11/17/2011 10:02	SS
71-43-2	Benzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B	11/17/2011 10:02	11/17/2011 10:02	SS
108-86-1	Bromobenzene	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	11/17/2011 10:02	11/17/2011 10:02	SS
74-97-5	Bromochloromethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	11/17/2011 10:02	11/17/2011 10:02	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.62	5.0	1	EPA SW846-8260B	11/17/2011 10:02	11/17/2011 10:02	SS
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	11/17/2011 10:02	11/17/2011 10:02	SS
74-83-9	Bromomethane	ND		ug/L	1.2	5.0	1	EPA SW846-8260B	11/17/2011 10:02	11/17/2011 10:02	SS
56-23-5	Carbon tetrachloride	ND		ug/L	1.0	5.0	1	EPA SW846-8260B	11/17/2011 10:02	11/17/2011 10:02	SS
108-90-7	Chlorobenzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	11/17/2011 10:02	11/17/2011 10:02	SS
75-00-3	Chloroethane	ND		ug/L	0.76	5.0	1	EPA SW846-8260B	11/17/2011 10:02	11/17/2011 10:02	SS
67-66-3	Chloroform	ND		ug/L	0.36	5.0	1	EPA SW846-8260B	11/17/2011 10:02	11/17/2011 10:02	SS
74-87-3	Chloromethane	ND		ug/L	0.89	5.0	1	EPA SW846-8260B	11/17/2011 10:02	11/17/2011 10:02	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.96	5.0	1	EPA SW846-8260B	11/17/2011 10:02	11/17/2011 10:02	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	11/17/2011 10:02	11/17/2011 10:02	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.67	5.0	1	EPA SW846-8260B	11/17/2011 10:02	11/17/2011 10:02	SS
74-95-3	Dibromomethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	11/17/2011 10:02	11/17/2011 10:02	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.83	5.0	1	EPA SW846-8260B	11/17/2011 10:02	11/17/2011 10:02	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	11/17/2011 10:02	11/17/2011 10:02	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	11/17/2011 10:02	11/17/2011 10:02	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.39	5.0	1	EPA SW846-8260B	11/17/2011 10:02	11/17/2011 10:02	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.38	5.0	1	EPA SW846-8260B	11/17/2011 10:02	11/17/2011 10:02	SS
75-09-2	<b>Methylene chloride</b>	<b>9.3</b>	J, B	ug/L	1.1	10	1	EPA SW846-8260B	11/17/2011 10:02	11/17/2011 10:02	SS
91-20-3	Naphthalene	ND		ug/L	0.50	10	1	EPA SW846-8260B	11/17/2011 10:02	11/17/2011 10:02	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.32	5.0	1	EPA SW846-8260B	11/17/2011 10:02	11/17/2011 10:02	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	11/17/2011 10:02	11/17/2011 10:02	SS
95-47-6	o-Xylene	ND		ug/L	0.50	5.0	1	EPA SW846-8260B	11/17/2011 10:02	11/17/2011 10:02	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.55	10	1	EPA SW846-8260B	11/17/2011 10:02	11/17/2011 10:02	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.25	5.0	1	EPA SW846-8260B	11/17/2011 10:02	11/17/2011 10:02	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	11/17/2011 10:02	11/17/2011 10:02	SS
100-42-5	Styrene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	11/17/2011 10:02	11/17/2011 10:02	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.46	5.0	1	EPA SW846-8260B	11/17/2011 10:02	11/17/2011 10:02	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	11/17/2011 10:02	11/17/2011 10:02	SS

**Sample Information**

**Client Sample ID:** Trip Blank

**York Sample ID:** 11K0413-12

York Project (SDG) No.  
11K0413

Client Project ID  
#110171/ 1309 38th Street, Brooklyn, NY

Matrix  
Water

Collection Date/Time  
November 9, 2011 3:00 pm

Date Received  
11/10/2011

**Volatile Organics, 8260 List**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	Toluene	ND		ug/L	0.23	5.0	1	EPA SW846-8260B	11/17/2011 10:02	11/17/2011 10:02	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	11/17/2011 10:02	11/17/2011 10:02	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	11/17/2011 10:02	11/17/2011 10:02	SS
79-01-6	Trichloroethylene	ND		ug/L	0.57	5.0	1	EPA SW846-8260B	11/17/2011 10:02	11/17/2011 10:02	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.91	5.0	1	EPA SW846-8260B	11/17/2011 10:02	11/17/2011 10:02	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.97	5.0	1	EPA SW846-8260B	11/17/2011 10:02	11/17/2011 10:02	SS
1330-20-7	Xylenes, Total	ND		ug/L	1.0	15	1	EPA SW846-8260B	11/17/2011 10:02	11/17/2011 10:02	SS
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	101 %			75.7-121						
460-00-4	Surrogate: p-Bromofluorobenzene	93.3 %			71.3-131						
2037-26-5	Surrogate: Toluene-d8	90.2 %			86.7-112						

## Analytical Batch Summary

**Batch ID:** BK10434                      **Preparation Method:** EPA SW846-3510C Low Level                      **Prepared By:** KAM

YORK Sample ID	Client Sample ID	Preparation Date
11K0413-11	Field Blank	11/11/11
11K0413-11	Field Blank	11/11/11
BK10434-BLK1	Blank	11/11/11
BK10434-BS1	LCS	11/11/11
BK10434-BSD1	LCS Dup	11/11/11

**Batch ID:** BK10463                      **Preparation Method:** EPA 3510C                      **Prepared By:** KAM

YORK Sample ID	Client Sample ID	Preparation Date
11K0413-11	Field Blank	11/11/11
BK10463-BLK1	Blank	11/11/11
BK10463-BS1	LCS	11/11/11
BK10463-BSD1	LCS Dup	11/11/11

**Batch ID:** BK10491                      **Preparation Method:** Analysis Preparation                      **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
11K0413-11	Field Blank	11/10/11
BK10491-BLK1	Blank	11/10/11
BK10491-BS1	LCS	11/10/11
BK10491-DUP1	Duplicate	11/10/11
BK10491-MS1	Matrix Spike	11/10/11

**Batch ID:** BK10502                      **Preparation Method:** EPA 3550B                      **Prepared By:** ASG

YORK Sample ID	Client Sample ID	Preparation Date
11K0413-01	SP-2 (0'-2')	11/14/11
11K0413-01	SP-2 (0'-2')	11/14/11
11K0413-02	SP-2 (6'-8')	11/14/11
11K0413-02	SP-2 (6'-8')	11/14/11
11K0413-03	SP-4 (0'-2')	11/14/11
11K0413-03	SP-4 (0'-2')	11/14/11
11K0413-04	SP-4 (6'-8')	11/14/11
11K0413-04	SP-4 (6'-8')	11/14/11
11K0413-05	SP-6 (0'-2')	11/14/11
11K0413-05	SP-6 (0'-2')	11/14/11
11K0413-06	SP-6 (6'-8')	11/14/11
11K0413-06	SP-6 (6'-8')	11/14/11
11K0413-07	SP-7 (0'-2')	11/14/11
11K0413-07	SP-7 (0'-2')	11/14/11
11K0413-08	SP-7 (6'-8')	11/14/11
11K0413-08	SP-7 (6'-8')	11/14/11
11K0413-09	SP-3 (0'-2')	11/14/11
11K0413-09	SP-3 (0'-2')	11/14/11
11K0413-10	SP-3 (6'-8')	11/14/11
11K0413-10	SP-3 (6'-8')	11/14/11
BK10502-BLK1	Blank	11/14/11

# YORK

ANALYTICAL LABORATORIES, INC.

BK10502-BLK1	Blank	11/14/11
BK10502-BS1	LCS	11/14/11
BK10502-BS1	LCS	11/14/11
BK10502-BS2	LCS	11/14/11
BK10502-MS1	Matrix Spike	11/14/11
BK10502-MSD1	Matrix Spike Dup	11/14/11

**Batch ID:** BK10510      **Preparation Method:** EPA SW846-7470      **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
11K0413-11	Field Blank	11/14/11
BK10510-BLK1	Blank	11/14/11
BK10510-BS1	LCS	11/14/11
BK10510-DUP1	Duplicate	11/14/11
BK10510-MS1	Matrix Spike	11/14/11

**Batch ID:** BK10511      **Preparation Method:** EPA SW846-7471      **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
11K0413-01	SP-2 (0'-2')	11/14/11
11K0413-02	SP-2 (6'-8')	11/14/11
11K0413-03	SP-4 (0'-2')	11/14/11
11K0413-04	SP-4 (6'-8')	11/14/11
11K0413-05	SP-6 (0'-2')	11/14/11
11K0413-06	SP-6 (6'-8')	11/14/11
11K0413-07	SP-7 (0'-2')	11/14/11
11K0413-08	SP-7 (6'-8')	11/14/11
11K0413-09	SP-3 (0'-2')	11/14/11
11K0413-10	SP-3 (6'-8')	11/14/11
BK10511-BLK1	Blank	11/14/11
BK10511-BS1	LCS	11/14/11
BK10511-DUP1	Duplicate	11/14/11
BK10511-MS1	Matrix Spike	11/14/11

**Batch ID:** BK10533      **Preparation Method:** EPA 3550B      **Prepared By:** ASG

YORK Sample ID	Client Sample ID	Preparation Date
11K0413-01	SP-2 (0'-2')	11/14/11
11K0413-02	SP-2 (6'-8')	11/14/11
11K0413-03	SP-4 (0'-2')	11/14/11
11K0413-04	SP-4 (6'-8')	11/14/11
11K0413-05	SP-6 (0'-2')	11/14/11
11K0413-06	SP-6 (6'-8')	11/14/11
11K0413-07	SP-7 (0'-2')	11/14/11
11K0413-08	SP-7 (6'-8')	11/14/11
11K0413-09	SP-3 (0'-2')	11/14/11
11K0413-10	SP-3 (6'-8')	11/14/11
BK10533-BLK1	Blank	11/14/11
BK10533-BS1	LCS	11/14/11

**Batch ID:** BK10562      **Preparation Method:** EPA SW 846-3010A      **Prepared By:** MW

# YORK

ANALYTICAL LABORATORIES, INC.

YORK Sample ID	Client Sample ID	Preparation Date
11K0413-11	Field Blank	11/14/11
BK10562-BLK1	Blank	11/14/11
BK10562-SRM1	Reference	11/14/11
BK10562-SRM2	Reference	11/14/11

**Batch ID:** BK10564      **Preparation Method:** EPA SW 846-3050B      **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
11K0413-01	SP-2 (0'-2')	11/14/11
11K0413-02	SP-2 (6'-8')	11/14/11
11K0413-03	SP-4 (0'-2')	11/14/11
11K0413-04	SP-4 (6'-8')	11/14/11
11K0413-05	SP-6 (0'-2')	11/14/11
11K0413-06	SP-6 (6'-8')	11/14/11
11K0413-07	SP-7 (0'-2')	11/14/11
11K0413-08	SP-7 (6'-8')	11/14/11
11K0413-09	SP-3 (0'-2')	11/14/11
11K0413-10	SP-3 (6'-8')	11/14/11
BK10564-BLK1	Blank	11/14/11
BK10564-SRM1	Reference	11/14/11

**Batch ID:** BK10579      **Preparation Method:** % Solids Prep      **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
11K0413-01	SP-2 (0'-2')	11/15/11
11K0413-02	SP-2 (6'-8')	11/15/11
11K0413-03	SP-4 (0'-2')	11/15/11
11K0413-04	SP-4 (6'-8')	11/15/11
11K0413-05	SP-6 (0'-2')	11/15/11
11K0413-06	SP-6 (6'-8')	11/15/11
11K0413-07	SP-7 (0'-2')	11/15/11
11K0413-08	SP-7 (6'-8')	11/15/11
11K0413-09	SP-3 (0'-2')	11/15/11
11K0413-10	SP-3 (6'-8')	11/15/11

**Batch ID:** BK10587      **Preparation Method:** EPA SW846-3060      **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
11K0413-01	SP-2 (0'-2')	11/15/11
11K0413-02	SP-2 (6'-8')	11/15/11
11K0413-03	SP-4 (0'-2')	11/15/11
11K0413-04	SP-4 (6'-8')	11/15/11
11K0413-05	SP-6 (0'-2')	11/15/11
11K0413-06	SP-6 (6'-8')	11/15/11
11K0413-07	SP-7 (0'-2')	11/15/11
11K0413-08	SP-7 (6'-8')	11/15/11
11K0413-09	SP-3 (0'-2')	11/15/11
11K0413-10	SP-3 (6'-8')	11/15/11
BK10587-BLK1	Blank	11/15/11
BK10587-DUP1	Duplicate	11/15/11
BK10587-MS1	Matrix Spike	11/15/11

BK10587-SRM1                      Reference                      11/15/11

**Batch ID:** BK10624                      **Preparation Method:** EPA 5035B                      **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
11K0413-01	SP-2 (0'-2')	11/15/11
11K0413-02	SP-2 (6'-8')	11/15/11
11K0413-03	SP-4 (0'-2')	11/15/11
11K0413-04	SP-4 (6'-8')	11/15/11
11K0413-05	SP-6 (0'-2')	11/15/11
11K0413-06	SP-6 (6'-8')	11/15/11
BK10624-BLK1	Blank	11/16/11
BK10624-BS1	LCS	11/16/11
BK10624-BSD1	LCS Dup	11/16/11
BK10624-MS1	Matrix Spike	11/16/11
BK10624-MSD1	Matrix Spike Dup	11/16/11

**Batch ID:** BK10677                      **Preparation Method:** EPA SW846-3060                      **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
11K0413-01	SP-2 (0'-2')	11/16/11
11K0413-02	SP-2 (6'-8')	11/16/11
11K0413-03	SP-4 (0'-2')	11/16/11
11K0413-04	SP-4 (6'-8')	11/16/11
11K0413-05	SP-6 (0'-2')	11/16/11
11K0413-06	SP-6 (6'-8')	11/16/11
11K0413-07	SP-7 (0'-2')	11/16/11
11K0413-08	SP-7 (6'-8')	11/16/11
11K0413-09	SP-3 (0'-2')	11/16/11
11K0413-10	SP-3 (6'-8')	11/16/11

**Batch ID:** BK10678                      **Preparation Method:** \*\*\* DEFAULT PREP \*\*\*                      **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
11K0413-11	Field Blank	11/10/11

**Batch ID:** BK10696                      **Preparation Method:** EPA 5035B                      **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
11K0413-07	SP-7 (0'-2')	11/16/11
11K0413-08	SP-7 (6'-8')	11/16/11
11K0413-09	SP-3 (0'-2')	11/16/11
11K0413-10	SP-3 (6'-8')	11/16/11
BK10696-BLK1	Blank	11/16/11
BK10696-BS1	LCS	11/16/11
BK10696-BSD1	LCS Dup	11/16/11

**Batch ID:** BK10700                      **Preparation Method:** EPA 5030B                      **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
11K0413-12	Trip Blank	11/17/11

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BK10700-BLK1	Blank	11/17/11
BK10700-BS1	LCS	11/17/11
BK10700-BSD1	LCS Dup	11/17/11

## Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

### York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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**Batch BK10624 - EPA 5035B**

**Blank (BK10624-BLK1)**

Prepared & Analyzed: 11/16/2011

1,1,1-Trichloroethane	ND	5.0	ug/kg wet								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	50	"								
2-Butanone	ND	10	"								
Acetone	ND	10	"								
Benzene	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroform	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	6.6	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
sec-Butylbenzene	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
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Surrogate: 1,2-Dichloroethane-d4	52.0		ug/L	50.0		104	72.6-129				
Surrogate: p-Bromofluorobenzene	47.9		"	50.0		95.8	63.5-145				
Surrogate: Toluene-d8	45.2		"	50.0		90.4	86.6-116				

## Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

### York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	%REC Limits	Flag	RPD	RPD Limit	Flag
<b>Batch BK10624 - EPA 5035B</b>											
<b>LCS (BK10624-BS1)</b>										Prepared & Analyzed: 11/16/2011	
1,1,1-Trichloroethane	47		ug/L	50.0		93.8	72.6-137				
1,1-Dichloroethane	54		"	50.0		108	71.7-131				
1,1-Dichloroethylene	46		"	50.0		92.7	74.4-148				
1,2,4-Trimethylbenzene	43		"	50.0		86.6	73.1-136				
1,2-Dichlorobenzene	40		"	50.0		80.1	71.6-125				
1,2-Dichloroethane	52		"	50.0		103	68.7-136				
1,3,5-Trimethylbenzene	41		"	50.0		81.5	69.7-127				
1,3-Dichlorobenzene	39		"	50.0		78.8	69.8-129				
1,4-Dichlorobenzene	40		"	50.0		80.2	71.3-129				
1,4-Dioxane	2300		"	2000		113	53.3-166				
2-Butanone	40		"	50.0		79.2	51.9-137				
Acetone	27		"	50.0		53.2	16-155				
Benzene	46		"	50.0		92.3	70.4-128				
Carbon tetrachloride	49		"	50.0		97.3	71.9-140				
Chlorobenzene	44		"	50.0		88.9	76.4-127				
Chloroform	49		"	50.0		97.9	73.6-132				
cis-1,2-Dichloroethylene	46		"	50.0		92.8	69.5-128				
Ethyl Benzene	47		"	50.0		94.2	75.2-131				
Methyl tert-butyl ether (MTBE)	59		"	50.0		118	56.5-140				
Methylene chloride	56		"	50.0		111	58.4-120				
n-Butylbenzene	39		"	50.0		77.2	63.7-125				
n-Propylbenzene	41		"	50.0		82.3	67.8-128				
o-Xylene	45		"	50.0		90.0	70.4-126				
p- & m- Xylenes	93		"	100		93.1	73.8-130				
sec-Butylbenzene	42		"	50.0		83.4	68.6-126				
tert-Butylbenzene	52		"	50.0		105	76.4-151				
Tetrachloroethylene	54		"	50.0		107	65-168				
Toluene	44		"	50.0		87.4	72.5-127				
trans-1,2-Dichloroethylene	56		"	50.0		112	62.2-144				
Trichloroethylene	43		"	50.0		86.5	72.6-133				
Vinyl Chloride	38		"	50.0		75.3	47-126				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>52.6</i>		<i>"</i>	<i>50.0</i>		<i>105</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>47.6</i>		<i>"</i>	<i>50.0</i>		<i>95.2</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>46.4</i>		<i>"</i>	<i>50.0</i>		<i>92.8</i>	<i>86.6-116</i>				

## Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

### York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	Flag	RPD	RPD Limit	Flag
<b>Batch BK10624 - EPA 5035B</b>										
<b>LCS Dup (BK10624-BSD1)</b>										
										Prepared & Analyzed: 11/16/2011
1,1,1-Trichloroethane	55		ug/L	50.0		111 72.6-137		16.5	22.5	
1,1-Dichloroethane	59		"	50.0		117 71.7-131		8.47	22.8	
1,1-Dichloroethylene	53		"	50.0		106 74.4-148		13.0	26.8	
1,2,4-Trimethylbenzene	51		"	50.0		103 73.1-136		17.1	24.3	
1,2-Dichlorobenzene	47		"	50.0		93.7 71.6-125		15.6	22.8	
1,2-Dichloroethane	57		"	50.0		115 68.7-136		10.4	21.6	
1,3,5-Trimethylbenzene	48		"	50.0		95.3 69.7-127		15.6	23.3	
1,3-Dichlorobenzene	48		"	50.0		95.1 69.8-129		18.7	23.3	
1,4-Dichlorobenzene	47		"	50.0		94.7 71.3-129		16.5	23.9	
1,4-Dioxane	1700		"	2000		86.7 53.3-166		26.5	34.3	
2-Butanone	44		"	50.0		89.0 51.9-137		11.6	32.2	
Acetone	30		"	50.0		60.4 16-155		12.7	51	
Benzene	53		"	50.0		105 70.4-128		13.2	21.8	
Carbon tetrachloride	54		"	50.0		109 71.9-140		11.0	22.4	
Chlorobenzene	49		"	50.0		98.7 76.4-127		10.5	21.8	
Chloroform	56		"	50.0		112 73.6-132		13.1	21.9	
cis-1,2-Dichloroethylene	54		"	50.0		107 69.5-128		14.3	22	
Ethyl Benzene	52		"	50.0		105 75.2-131		10.9	22.5	
Methyl tert-butyl ether (MTBE)	65		"	50.0		130 56.5-140		9.69	30.6	
Methylene chloride	61		"	50.0		121 58.4-120	High Bias	8.69	23.8	
n-Butylbenzene	46		"	50.0		92.8 63.7-125		18.4	25.3	
n-Propylbenzene	48		"	50.0		96.8 67.8-128		16.2	28.9	
o-Xylene	50		"	50.0		100 70.4-126		10.9	22.7	
p- & m- Xylenes	100		"	100		104 73.8-130		11.4	23	
sec-Butylbenzene	48		"	50.0		96.2 68.6-126		14.3	23.3	
tert-Butylbenzene	62		"	50.0		124 76.4-151		17.2	45.4	
Tetrachloroethylene	55		"	50.0		109 65-168		1.85	27.9	
Toluene	49		"	50.0		97.6 72.5-127		11.1	22.9	
trans-1,2-Dichloroethylene	64		"	50.0		128 62.2-144		13.9	24.6	
Trichloroethylene	48		"	50.0		96.0 72.6-133		10.3	21.9	
Vinyl Chloride	43		"	50.0		86.7 47-126		14.0	25.5	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>52.2</i>		<i>"</i>	<i>50.0</i>		<i>104 72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>49.2</i>		<i>"</i>	<i>50.0</i>		<i>98.5 63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>46.6</i>		<i>"</i>	<i>50.0</i>		<i>93.2 86.6-116</i>				

## Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

### York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	Flag	RPD	RPD Limit	Flag
<b>Batch BK10624 - EPA 5035B</b>										
<b>Matrix Spike (BK10624-MS1)</b>	*Source sample: 11K0413-01 (SP-2 (0'-2'))						Prepared & Analyzed: 11/16/2011			
1,1,1-Trichloroethane	45		ug/L	50.0	ND	89.2	69.7-117			
1,1-Dichloroethane	51		"	50.0	ND	102	58.4-122			
1,1-Dichloroethylene	41		"	50.0	ND	82.2	72.9-126			
1,2,4-Trimethylbenzene	29		"	50.0	ND	58.5	61.9-109	Low Bias		
1,2-Dichlorobenzene	18		"	50.0	ND	35.8	44.1-124	Low Bias		
1,2-Dichloroethane	42		"	50.0	ND	84.7	60.2-122			
1,3,5-Trimethylbenzene	30		"	50.0	ND	59.5	61.2-103	Low Bias		
1,3-Dichlorobenzene	17		"	50.0	ND	34.3	38-133	Low Bias		
1,4-Dichlorobenzene	15		"	50.0	ND	30.3	38.7-133	Low Bias		
1,4-Dioxane	2000		"	2000	ND	98.1	0-0	High Bias		
2-Butanone	36		"	50.0	ND	72.1	76.9-113	Low Bias		
Acetone	24		"	50.0	20	9.54	63.5-68.2	Low Bias		
Benzene	41		"	50.0	ND	82.9	59.1-115			
Carbon tetrachloride	44		"	50.0	ND	87.2	64.1-119			
Chlorobenzene	27		"	50.0	ND	53.3	38.3-132			
Chloroform	45		"	50.0	ND	90.8	67.7-116			
cis-1,2-Dichloroethylene	35		"	50.0	ND	70.8	53.9-116			
Ethyl Benzene	32		"	50.0	ND	64.1	45.3-123			
Methyl tert-butyl ether (MTBE)	53		"	50.0	ND	106	40.2-137			
Methylene chloride	61		"	50.0	31	60.2	39.2-109			
n-Butylbenzene	20		"	50.0	ND	39.8	43.5-93.9	Low Bias		
n-Propylbenzene	29		"	50.0	ND	57.5	58.9-102	Low Bias		
o-Xylene	31		"	50.0	ND	62.4	41.5-115			
p- & m- Xylenes	61		"	100	ND	61.0	42.6-121			
sec-Butylbenzene	29		"	50.0	ND	57.1	38-130			
tert-Butylbenzene	41		"	50.0	ND	82.2	68.9-142			
Tetrachloroethylene	33		"	50.0	ND	65.8	38.5-161			
Toluene	35		"	50.0	ND	69.1	48.1-124			
trans-1,2-Dichloroethylene	39		"	50.0	ND	78.9	67.6-121			
Trichloroethylene	32		"	50.0	ND	63.7	59.3-137			
Vinyl Chloride	35		"	50.0	ND	70.5	29.8-116			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>53.4</i>		<i>"</i>	<i>50.0</i>		<i>107</i>	<i>72.6-129</i>			
<i>Surrogate: p-Bromofluorobenzene</i>	<i>54.4</i>		<i>"</i>	<i>50.0</i>		<i>109</i>	<i>63.5-145</i>			
<i>Surrogate: Toluene-d8</i>	<i>48.4</i>		<i>"</i>	<i>50.0</i>		<i>96.8</i>	<i>86.6-116</i>			

## Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

### York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	Flag	RPD	RPD Limit	Flag	
<b>Batch BK10624 - EPA 5035B</b>											
<b>Matrix Spike Dup (BK10624-MSD1)</b>	*Source sample: 11K0413-01 (SP-2 (0'-2'))					Prepared & Analyzed: 11/16/2011					
1,1,1-Trichloroethane	49		ug/L	50.0	ND	98.9	69.7-117		10.3	15.6	
1,1-Dichloroethane	55		"	50.0	ND	110	58.4-122		7.80	17.5	
1,1-Dichloroethylene	44		"	50.0	ND	87.2	72.9-126		5.83	23.2	
1,2,4-Trimethylbenzene	31		"	50.0	ND	62.7	61.9-109		6.99	26	
1,2-Dichlorobenzene	21		"	50.0	ND	41.8	44.1-124	Low Bias	15.3	25	
1,2-Dichloroethane	46		"	50.0	ND	92.5	60.2-122		8.80	25.1	
1,3,5-Trimethylbenzene	31		"	50.0	ND	62.6	61.2-103		5.18	25	
1,3-Dichlorobenzene	19		"	50.0	ND	38.8	38-133		12.3	25	
1,4-Dichlorobenzene	18		"	50.0	ND	35.2	38.7-133	Low Bias	15.0	25	
1,4-Dioxane	2400		"	2000	ND	120	0-0	High Bias	20.1	0	Non-dir.
2-Butanone	39		"	50.0	ND	78.8	76.9-113		8.96	0	Non-dir.
Acetone	27		"	50.0	20	15.4	63.5-68.2	Low Bias	47.0	0	Non-dir.
Benzene	44		"	50.0	ND	89.0	59.1-115		7.07	23.5	
Carbon tetrachloride	47		"	50.0	ND	95.0	64.1-119		8.56	28.5	
Chlorobenzene	30		"	50.0	ND	59.3	38.3-132		10.7	36.2	
Chloroform	49		"	50.0	ND	97.2	67.7-116		6.89	23.7	
cis-1,2-Dichloroethylene	38		"	50.0	ND	77.0	53.9-116		8.39	24.8	
Ethyl Benzene	36		"	50.0	ND	71.1	45.3-123		10.3	38.1	
Methyl tert-butyl ether (MTBE)	58		"	50.0	ND	117	40.2-137		9.37	25	
Methylene chloride	65		"	50.0	31	67.3	39.2-109		11.1	25	
n-Butylbenzene	22		"	50.0	ND	44.6	43.5-93.9		11.3	25	
n-Propylbenzene	30		"	50.0	ND	60.7	58.9-102		5.28	25	
o-Xylene	35		"	50.0	ND	69.9	41.5-115		11.2	35.3	
p- & m- Xylenes	68		"	100	ND	68.4	42.6-121		11.4	37	
sec-Butylbenzene	30		"	50.0	ND	61.0	38-130		6.61	25	
tert-Butylbenzene	44		"	50.0	ND	88.8	68.9-142		7.77	25	
Tetrachloroethylene	36		"	50.0	ND	72.6	38.5-161		9.82	38.3	
Toluene	37		"	50.0	ND	74.0	48.1-124		6.85	28.1	
trans-1,2-Dichloroethylene	43		"	50.0	ND	85.4	67.6-121		7.92	25	
Trichloroethylene	33		"	50.0	ND	65.5	59.3-137		2.82	51.6	
Vinyl Chloride	38		"	50.0	ND	76.8	29.8-116		8.56	21.8	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>53.9</i>		<i>"</i>	<i>50.0</i>		<i>108</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>50.4</i>		<i>"</i>	<i>50.0</i>		<i>101</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>48.7</i>		<i>"</i>	<i>50.0</i>		<i>97.4</i>	<i>86.6-116</i>				

## Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

### York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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**Batch BK10696 - EPA 5035B**

**Blank (BK10696-BLK1)**

Prepared & Analyzed: 11/16/2011

1,1,1-Trichloroethane	ND	5.0	ug/kg wet								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	50	"								
2-Butanone	ND	10	"								
Acetone	5.6	10	"								
Benzene	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroform	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	7.7	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
sec-Butylbenzene	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
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<i>Surrogate: 1,2-Dichloroethane-d4</i>	52.6		ug/L	50.0		105	72.6-129				
<i>Surrogate: p-Bromofluorobenzene</i>	47.0		"	50.0		94.0	63.5-145				
<i>Surrogate: Toluene-d8</i>	45.3		"	50.0		90.7	86.6-116				

## Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

### York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	Flag	RPD	RPD Limit	Flag
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**Batch BK10696 - EPA 5035B**

**LCS (BK10696-BS1)**

Prepared & Analyzed: 11/16/2011

1,1,1-Trichloroethane	58		ug/L	50.0		116	72.6-137			
1,1-Dichloroethane	64		"	50.0		128	71.7-131			
1,1-Dichloroethylene	54		"	50.0		109	74.4-148			
1,2,4-Trimethylbenzene	50		"	50.0		101	73.1-136			
1,2-Dichlorobenzene	47		"	50.0		93.6	71.6-125			
1,2-Dichloroethane	60		"	50.0		119	68.7-136			
1,3,5-Trimethylbenzene	47		"	50.0		94.2	69.7-127			
1,3-Dichlorobenzene	47		"	50.0		94.2	69.8-129			
1,4-Dichlorobenzene	47		"	50.0		94.3	71.3-129			
1,4-Dioxane	1900		"	2000		96.7	53.3-166			
2-Butanone	44		"	50.0		88.9	51.9-137			
Acetone	25		"	50.0		50.3	16-155			
Benzene	56		"	50.0		112	70.4-128			
Carbon tetrachloride	57		"	50.0		114	71.9-140			
Chlorobenzene	51		"	50.0		102	76.4-127			
Chloroform	59		"	50.0		118	73.6-132			
cis-1,2-Dichloroethylene	56		"	50.0		111	69.5-128			
Ethyl Benzene	53		"	50.0		107	75.2-131			
Methyl tert-butyl ether (MTBE)	66		"	50.0		132	56.5-140			
Methylene chloride	62		"	50.0		124	58.4-120	High Bias		
n-Butylbenzene	45		"	50.0		89.8	63.7-125			
n-Propylbenzene	48		"	50.0		96.6	67.8-128			
o-Xylene	51		"	50.0		101	70.4-126			
p- & m- Xylenes	100		"	100		104	73.8-130			
sec-Butylbenzene	47		"	50.0		94.4	68.6-126			
tert-Butylbenzene	61		"	50.0		122	76.4-151			
Tetrachloroethylene	59		"	50.0		117	65-168			
Toluene	50		"	50.0		100	72.5-127			
trans-1,2-Dichloroethylene	67		"	50.0		135	62.2-144			
Trichloroethylene	50		"	50.0		100	72.6-133			
Vinyl Chloride	49		"	50.0		97.3	47-126			
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Surrogate: 1,2-Dichloroethane-d4	51.3		"	50.0		103	72.6-129			
Surrogate: p-Bromofluorobenzene	48.6		"	50.0		97.1	63.5-145			
Surrogate: Toluene-d8	46.7		"	50.0		93.5	86.6-116			

## Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

### York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
<b>Batch BK10696 - EPA 5035B</b>											
<b>LCS Dup (BK10696-BSD1)</b>											
										Prepared & Analyzed: 11/16/2011	
1,1,1-Trichloroethane	56		ug/L	50.0		112	72.6-137		3.56	22.5	
1,1-Dichloroethane	30		"	50.0		59.9	71.7-131	Low Bias	72.7	22.8	Non-dir.
1,1-Dichloroethylene	52		"	50.0		104	74.4-148		4.26	26.8	
1,2,4-Trimethylbenzene	51		"	50.0		102	73.1-136		0.789	24.3	
1,2-Dichlorobenzene	48		"	50.0		96.1	71.6-125		2.66	22.8	
1,2-Dichloroethane	58		"	50.0		116	68.7-136		2.57	21.6	
1,3,5-Trimethylbenzene	47		"	50.0		94.9	69.7-127		0.719	23.3	
1,3-Dichlorobenzene	48		"	50.0		96.1	69.8-129		2.08	23.3	
1,4-Dichlorobenzene	48		"	50.0		95.9	71.3-129		1.72	23.9	
1,4-Dioxane	2200		"	2000		108	53.3-166		11.3	34.3	
2-Butanone	44		"	50.0		87.5	51.9-137		1.56	32.2	
Acetone	27		"	50.0		53.5	16-155		6.28	51	
Benzene	55		"	50.0		110	70.4-128		1.64	21.8	
Carbon tetrachloride	55		"	50.0		111	71.9-140		2.26	22.4	
Chlorobenzene	52		"	50.0		104	76.4-127		1.80	21.8	
Chloroform	57		"	50.0		115	73.6-132		2.58	21.9	
cis-1,2-Dichloroethylene	54		"	50.0		108	69.5-128		2.99	22	
Ethyl Benzene	54		"	50.0		109	75.2-131		2.02	22.5	
Methyl tert-butyl ether (MTBE)	36		"	50.0		71.5	56.5-140		59.1	30.6	Non-dir.
Methylene chloride	39		"	50.0		77.5	58.4-120		46.3	23.8	Non-dir.
n-Butylbenzene	46		"	50.0		92.2	63.7-125		2.66	25.3	
n-Propylbenzene	49		"	50.0		97.8	67.8-128		1.26	28.9	
o-Xylene	51		"	50.0		102	70.4-126		1.24	22.7	
p- & m- Xylenes	110		"	100		106	73.8-130		2.06	23	
sec-Butylbenzene	48		"	50.0		96.2	68.6-126		1.87	23.3	
tert-Butylbenzene	61		"	50.0		122	76.4-151		0.329	45.4	
Tetrachloroethylene	59		"	50.0		117	65-168		0.102	27.9	
Toluene	50		"	50.0		99.3	72.5-127		0.842	22.9	
trans-1,2-Dichloroethylene	37		"	50.0		73.5	62.2-144		59.0	24.6	Non-dir.
Trichloroethylene	51		"	50.0		103	72.6-133		2.45	21.9	
Vinyl Chloride	47		"	50.0		93.4	47-126		4.11	25.5	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>50.3</i>		<i>"</i>	<i>50.0</i>		<i>101</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>48.0</i>		<i>"</i>	<i>50.0</i>		<i>96.0</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>46.7</i>		<i>"</i>	<i>50.0</i>		<i>93.4</i>	<i>86.6-116</i>				

## Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

### York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC %REC	%REC Limits	Flag	RPD RPD	RPD Limit	Flag
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**Batch BK10700 - EPA 5030B**

**Blank (BK10700-BLK1)**

Prepared & Analyzed: 11/17/2011

1,1,1,2-Tetrachloroethane	ND	5.0	ug/L								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,1-Dichloropropylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	10	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	10	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	10	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,3-Dichloropropane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
2,2-Dichloropropane	ND	5.0	"								
2-Chlorotoluene	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
Benzene	ND	5.0	"								
Bromobenzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	8.6	10	"								
Naphthalene	ND	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								

## Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

### York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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**Batch BK10700 - EPA 5030B**

**Blank (BK10700-BLK1)**

Prepared & Analyzed: 11/17/2011

tert-Butylbenzene	ND	5.0	ug/L							
Tetrachloroethylene	ND	5.0	"							
Toluene	ND	5.0	"							
trans-1,2-Dichloroethylene	ND	5.0	"							
trans-1,3-Dichloropropylene	ND	5.0	"							
Trichloroethylene	ND	5.0	"							
Trichlorofluoromethane	ND	5.0	"							
Vinyl Chloride	ND	5.0	"							
Xylenes, Total	ND	15	"							

<i>Surrogate: 1,2-Dichloroethane-d4</i>	51.8		"	50.0		104	75.7-121			
<i>Surrogate: p-Bromofluorobenzene</i>	47.1		"	50.0		94.2	71.3-131			
<i>Surrogate: Toluene-d8</i>	44.5		"	50.0		88.9	86.7-112			

**LCS (BK10700-BS1)**

Prepared & Analyzed: 11/17/2011

1,1,1,2-Tetrachloroethane	56		ug/L	50.0		111	82.3-130			
1,1,1-Trichloroethane	61		"	50.0		122	75.6-137			
1,1,2,2-Tetrachloroethane	50		"	50.0		99.1	71.3-131			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	61		"	50.0		123	71.1-129			
1,1,2-Trichloroethane	52		"	50.0		105	74.5-129			
1,1-Dichloroethane	67		"	50.0		134	79.6-132	High Bias		
1,1-Dichloroethylene	61		"	50.0		122	80.2-146			
1,1-Dichloropropylene	61		"	50.0		123	75-136			
1,2,3-Trichlorobenzene	47		"	50.0		94.3	66.1-136			
1,2,3-Trichloropropane	52		"	50.0		103	63-131			
1,2,4-Trichlorobenzene	47		"	50.0		94.8	70.6-136			
1,2,4-Trimethylbenzene	51		"	50.0		101	75.3-135			
1,2-Dibromo-3-chloropropane	54		"	50.0		107	58.9-140			
1,2-Dibromoethane	55		"	50.0		110	79-130			
1,2-Dichlorobenzene	49		"	50.0		97.2	76.1-122			
1,2-Dichloroethane	66		"	50.0		131	74.6-132			
1,2-Dichloropropane	55		"	50.0		110	76.9-129			
1,3,5-Trimethylbenzene	47		"	50.0		94.9	70.6-127			
1,3-Dichlorobenzene	47		"	50.0		94.9	77-124			
1,3-Dichloropropane	55		"	50.0		110	75.8-126			
1,4-Dichlorobenzene	47		"	50.0		94.7	76.6-125			
2,2-Dichloropropane	56		"	50.0		111	69-133			
2-Chlorotoluene	46		"	50.0		91.1	66.3-119			
4-Chlorotoluene	47		"	50.0		95.0	69.2-127			
Benzene	59		"	50.0		118	76.2-129			
Bromobenzene	53		"	50.0		106	71.3-123			
Bromochloromethane	60		"	50.0		119	70.8-137			
Bromodichloromethane	55		"	50.0		110	79.7-134			
Bromoform	52		"	50.0		103	70.5-141			
Bromomethane	70		"	50.0		140	43.9-147			
Carbon tetrachloride	63		"	50.0		125	78.1-138			
Chlorobenzene	53		"	50.0		106	80.4-125			
Chloroethane	57		"	50.0		114	55.8-140			
Chloroform	62		"	50.0		124	76.6-133			
Chloromethane	45		"	50.0		90.3	48.8-115			
cis-1,2-Dichloroethylene	58		"	50.0		117	75.1-128			
cis-1,3-Dichloropropylene	48		"	50.0		95.6	74.5-128			
Dibromochloromethane	55		"	50.0		110	79.8-134			
Dibromomethane	56		"	50.0		113	79-130			

## Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

### York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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**Batch BK10700 - EPA 5030B**

**LCS (BK10700-BS1)**

Prepared & Analyzed: 11/17/2011

Dichlorodifluoromethane	44		ug/L	50.0		88.1	47.1-101				
Ethyl Benzene	56		"	50.0		111	80.8-128				
Hexachlorobutadiene	48		"	50.0		95.3	64.8-128				
Isopropylbenzene	52		"	50.0		105	75.5-135				
Methyl tert-butyl ether (MTBE)	67		"	50.0		135	65.1-140				
Methylene chloride	70		"	50.0		139	61.3-120	High Bias			
Naphthalene	49		"	50.0		97.4	62.3-148				
n-Butylbenzene	46		"	50.0		91.5	67.2-123				
n-Propylbenzene	50		"	50.0		99.2	70.5-127				
o-Xylene	53		"	50.0		106	75.9-122				
p- & m- Xylenes	110		"	100		109	77.7-127				
p-Isopropyltoluene	50		"	50.0		99.8	75.6-129				
sec-Butylbenzene	49		"	50.0		98.1	71.5-125				
Styrene	51		"	50.0		102	77.8-123				
tert-Butylbenzene	62		"	50.0		124	75.9-151				
Tetrachloroethylene	62		"	50.0		125	63.6-167				
Toluene	52		"	50.0		104	77-123				
trans-1,2-Dichloroethylene	71		"	50.0		142	76.3-139	High Bias			
trans-1,3-Dichloropropylene	50		"	50.0		99.6	72.5-137				
Trichloroethylene	52		"	50.0		104	77.9-130				
Trichlorofluoromethane	58		"	50.0		116	57.4-133				
Vinyl Chloride	50		"	50.0		101	54.9-124				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>54.1</i>		<i>"</i>	<i>50.0</i>		<i>108</i>	<i>75.7-121</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>47.4</i>		<i>"</i>	<i>50.0</i>		<i>94.9</i>	<i>71.3-131</i>				
<i>Surrogate: Toluene-d8</i>	<i>46.5</i>		<i>"</i>	<i>50.0</i>		<i>92.9</i>	<i>86.7-112</i>				

**LCS Dup (BK10700-BSD1)**

Prepared & Analyzed: 11/17/2011

1,1,1,2-Tetrachloroethane	51		ug/L	50.0		102	82.3-130		8.33	21.1	
1,1,1-Trichloroethane	53		"	50.0		106	75.6-137		13.9	19.7	
1,1,2,2-Tetrachloroethane	44		"	50.0		87.8	71.3-131		12.2	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	54		"	50.0		108	71.1-129		12.8	21.7	
1,1,2-Trichloroethane	48		"	50.0		96.6	74.5-129		8.03	20.3	
1,1-Dichloroethane	60		"	50.0		120	79.6-132		11.4	20.6	
1,1-Dichloroethylene	57		"	50.0		115	80.2-146		6.49	20	
1,1-Dichloropropylene	54		"	50.0		107	75-136		13.4	19.3	
1,2,3-Trichlorobenzene	44		"	50.0		88.9	66.1-136		5.89	21.6	
1,2,3-Trichloropropane	46		"	50.0		91.1	63-131		12.5	23.9	
1,2,4-Trichlorobenzene	44		"	50.0		88.2	70.6-136		7.13	21.7	
1,2,4-Trimethylbenzene	47		"	50.0		94.1	75.3-135		7.29	18.8	
1,2-Dibromo-3-chloropropane	49		"	50.0		97.3	58.9-140		9.75	27.7	
1,2-Dibromoethane	51		"	50.0		101	79-130		7.95	23	
1,2-Dichlorobenzene	45		"	50.0		89.5	76.1-122		8.18	19.8	
1,2-Dichloroethane	58		"	50.0		115	74.6-132		13.1	20.2	
1,2-Dichloropropane	48		"	50.0		96.9	76.9-129		12.5	20.7	
1,3,5-Trimethylbenzene	45		"	50.0		89.1	70.6-127		6.32	18.9	
1,3-Dichlorobenzene	44		"	50.0		88.9	77-124		6.55	19.2	
1,3-Dichloropropane	49		"	50.0		98.1	75.8-126		11.3	22.1	
1,4-Dichlorobenzene	44		"	50.0		87.9	76.6-125		7.45	18.6	
2,2-Dichloropropane	49		"	50.0		98.0	69-133		12.7	19.8	
2-Chlorotoluene	43		"	50.0		85.7	66.3-119		6.15	21.6	
4-Chlorotoluene	44		"	50.0		88.6	69.2-127		6.91	19	
Benzene	52		"	50.0		104	76.2-129		12.3	19	
Bromobenzene	49		"	50.0		97.6	71.3-123		8.34	20.3	

## Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

### York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	Flag	RPD	RPD Limit	Flag
<b>Batch BK10700 - EPA 5030B</b>										
<b>LCS Dup (BK10700-BSD1)</b>										
										Prepared & Analyzed: 11/17/2011
Bromochloromethane	53		ug/L	50.0		105 70.8-137		12.4	23.9	
Bromodichloromethane	50		"	50.0		100 79.7-134		9.06	21	
Bromoform	47		"	50.0		94.8 70.5-141		8.31	21.8	
Bromomethane	73		"	50.0		147 43.9-147		4.69	28.4	
Carbon tetrachloride	54		"	50.0		108 78.1-138		15.1	20.1	
Chlorobenzene	48		"	50.0		96.4 80.4-125		9.16	19.9	
Chloroethane	56		"	50.0		113 55.8-140		1.20	23.3	
Chloroform	55		"	50.0		111 76.6-133		11.7	20.3	
Chloromethane	45		"	50.0		90.6 48.8-115		0.376	24.5	
cis-1,2-Dichloroethylene	52		"	50.0		104 75.1-128		11.6	20.5	
cis-1,3-Dichloropropylene	43		"	50.0		86.7 74.5-128		9.81	19.9	
Dibromochloromethane	49		"	50.0		97.9 79.8-134		12.0	21.3	
Dibromomethane	51		"	50.0		102 79-130		10.4	22.4	
Dichlorodifluoromethane	42		"	50.0		83.0 47.1-101		5.89	23.9	
Ethyl Benzene	51		"	50.0		101 80.8-128		9.14	19.2	
Hexachlorobutadiene	44		"	50.0		88.5 64.8-128		7.46	20.6	
Isopropylbenzene	49		"	50.0		97.9 75.5-135		6.87	20	
Methyl tert-butyl ether (MTBE)	61		"	50.0		122 65.1-140		9.78	23.6	
Methylene chloride	61		"	50.0		121 61.3-120	High Bias	13.6	20.4	
Naphthalene	46		"	50.0		92.2 62.3-148		5.49	27.1	
n-Butylbenzene	42		"	50.0		84.6 67.2-123		7.79	19.1	
n-Propylbenzene	46		"	50.0		91.9 70.5-127		7.62	23.4	
o-Xylene	48		"	50.0		96.6 75.9-122		9.60	19.3	
p- & m- Xylenes	100		"	100		99.9 77.7-127		8.87	18.6	
p-Isopropyltoluene	46		"	50.0		92.3 75.6-129		7.79	19.1	
sec-Butylbenzene	45		"	50.0		90.6 71.5-125		7.97	18.9	
Styrene	47		"	50.0		93.1 77.8-123		9.32	20.9	
tert-Butylbenzene	51		"	50.0		101 75.9-151		19.9	20.9	
Tetrachloroethylene	67		"	50.0		135 63.6-167		7.78	27.7	
Toluene	48		"	50.0		96.8 77-123		7.67	18.7	
trans-1,2-Dichloroethylene	63		"	50.0		126 76.3-139		12.0	19.5	
trans-1,3-Dichloropropylene	44		"	50.0		88.6 72.5-137		11.7	19.3	
Trichloroethylene	48		"	50.0		95.4 77.9-130		8.36	20.5	
Trichlorofluoromethane	54		"	50.0		107 57.4-133		7.47	21.4	
Vinyl Chloride	51		"	50.0		103 54.9-124		2.08	22.3	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	52.3		"	50.0		105 75.7-121				
<i>Surrogate: p-Bromofluorobenzene</i>	48.2		"	50.0		96.5 71.3-131				
<i>Surrogate: Toluene-d8</i>	46.9		"	50.0		93.8 86.7-112				

## Semivolatile Organic Compounds by EPA Method 8270C - Quality Control Data

### York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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**Batch BK10463 - EPA 3510C**

**Blank (BK10463-BLK1)**

Prepared: 11/11/2011 Analyzed: 11/12/2011

Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Dibenzofuran	ND	5.00	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
3- & 4-Methylphenols	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
Naphthalene	ND	5.00	"								
Pentachlorophenol	ND	0.500	"								
Phenanthrene	ND	0.0500	"								
Phenol	ND	5.00	"								
Pyrene	ND	0.0500	"								
<hr/>											
<i>Surrogate: 2,4,6-Tribromophenol</i>	95.0		"	75.1		127	15-110				
<i>Surrogate: 2-Fluorobiphenyl</i>	36.6		"	50.0		73.2	30-130				
<i>Surrogate: 2-Fluorophenol</i>	42.1		"	75.2		55.9	15-110				
<i>Surrogate: Nitrobenzene-d5</i>	39.9		"	50.1		79.7	30-130				
<i>Surrogate: Phenol-d5</i>	52.3		"	75.1		69.7	10-110				
<i>Surrogate: Terphenyl-d14</i>	35.4		"	50.0		70.7	30-130				

## Semivolatile Organic Compounds by EPA Method 8270C - Quality Control Data

### York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	Flag	RPD Limit	Flag
<b>Batch BK10463 - EPA 3510C</b>									
<b>LCS (BK10463-BS1)</b>									
						Prepared: 11/11/2011 Analyzed: 11/12/2011			
Acenaphthene	36.2	0.0500	ug/L	50.0		72.3	40-140		
Acenaphthylene	31.0	0.0500	"	50.0		62.0	40-140		
Anthracene	35.3	0.0500	"	50.0		70.6	40-140		
Benzo(a)anthracene	38.4	0.0500	"	50.0		76.9	40-140		
Benzo(a)pyrene	42.3	0.0500	"	50.0		84.5	40-140		
Benzo(b)fluoranthene	39.5	0.0500	"	50.0		78.9	40-140		
Benzo(g,h,i)perylene	32.6	0.0500	"	50.0		65.3	40-140		
Benzo(k)fluoranthene	36.5	0.0500	"	50.0		73.1	40-140		
Chrysene	41.6	0.0500	"	50.0		83.2	40-140		
Dibenzo(a,h)anthracene	36.6	0.0500	"	50.0		73.3	40-140		
Dibenzofuran	37.8	5.00	"	50.0		75.6	40-140		
Fluoranthene	40.2	0.0500	"	50.0		80.3	40-140		
Fluorene	34.1	0.0500	"	50.0		68.3	40-140		
Hexachlorobenzene	31.4	0.0500	"	50.0		62.7	40-140		
Indeno(1,2,3-cd)pyrene	37.2	0.0500	"	50.0		74.4	40-140		
3- & 4-Methylphenols	38.9	5.00	"	50.0		77.7	30-130		
2-Methylphenol	39.1	5.00	"	50.0		78.2	30-130		
Naphthalene	36.3	5.00	"	50.0		72.6	40-140		
Pentachlorophenol	66.0	0.500	"	50.0		132	30-130		High Bias
Phenanthrene	35.4	0.0500	"	50.0		70.9	40-140		
Phenol	33.7	5.00	"	50.0		67.4	30-130		
Pyrene	41.3	0.0500	"	50.0		82.6	40-140		
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>88.8</i>		<i>"</i>	<i>75.1</i>		<i>118</i>	<i>15-110</i>		
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>36.1</i>		<i>"</i>	<i>50.0</i>		<i>72.2</i>	<i>30-130</i>		
<i>Surrogate: 2-Fluorophenol</i>	<i>58.8</i>		<i>"</i>	<i>75.2</i>		<i>78.2</i>	<i>15-110</i>		
<i>Surrogate: Nitrobenzene-d5</i>	<i>41.4</i>		<i>"</i>	<i>50.1</i>		<i>82.7</i>	<i>30-130</i>		
<i>Surrogate: Phenol-d5</i>	<i>55.8</i>		<i>"</i>	<i>75.1</i>		<i>74.3</i>	<i>10-110</i>		
<i>Surrogate: Terphenyl-d14</i>	<i>35.7</i>		<i>"</i>	<i>50.0</i>		<i>71.4</i>	<i>30-130</i>		

## Semivolatile Organic Compounds by EPA Method 8270C - Quality Control Data

### York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
<b>Batch BK10463 - EPA 3510C</b>											
<b>LCS Dup (BK10463-BSD1)</b>											
						Prepared: 11/11/2011 Analyzed: 11/12/2011					
Acenaphthene	37.4	0.0500	ug/L	50.0		74.8	40-140		3.32	20	
Acenaphthylene	31.4	0.0500	"	50.0		62.7	40-140		1.15	20	
Anthracene	36.2	0.0500	"	50.0		72.4	40-140		2.41	20	
Benzo(a)anthracene	38.8	0.0500	"	50.0		77.6	40-140		0.958	20	
Benzo(a)pyrene	48.7	0.0500	"	50.0		97.4	40-140		14.2	20	
Benzo(b)fluoranthene	36.5	0.0500	"	50.0		72.9	40-140		7.88	20	
Benzo(g,h,i)perylene	36.3	0.0500	"	50.0		72.7	40-140		10.7	20	
Benzo(k)fluoranthene	39.3	0.0500	"	50.0		78.6	40-140		7.31	20	
Chrysene	45.4	0.0500	"	50.0		90.8	40-140		8.76	20	
Dibenzo(a,h)anthracene	40.8	0.0500	"	50.0		81.6	40-140		10.8	20	
Dibenzofuran	37.6	5.00	"	50.0		75.2	40-140		0.424	20	
Fluoranthene	41.1	0.0500	"	50.0		82.3	40-140		2.41	20	
Fluorene	35.3	0.0500	"	50.0		70.5	40-140		3.23	20	
Hexachlorobenzene	32.7	0.0500	"	50.0		65.4	40-140		4.22	20	
Indeno(1,2,3-cd)pyrene	41.0	0.0500	"	50.0		82.0	40-140		9.62	20	
3- & 4-Methylphenols	40.9	5.00	"	50.0		81.9	30-130		5.21	20	
2-Methylphenol	40.3	5.00	"	50.0		80.5	30-130		2.92	20	
Naphthalene	37.3	5.00	"	50.0		74.6	40-140		2.77	20	
Pentachlorophenol	67.6	0.500	"	50.0		135	30-130	High Bias	2.39	20	
Phenanthrene	36.0	0.0500	"	50.0		72.1	40-140		1.71	20	
Phenol	36.0	5.00	"	50.0		72.0	30-130		6.57	20	
Pyrene	42.2	0.0500	"	50.0		84.5	40-140		2.20	20	
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>86.6</i>		<i>"</i>	<i>75.1</i>		<i>115</i>	<i>15-110</i>				
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>35.4</i>		<i>"</i>	<i>50.0</i>		<i>70.7</i>	<i>30-130</i>				
<i>Surrogate: 2-Fluorophenol</i>	<i>60.3</i>		<i>"</i>	<i>75.2</i>		<i>80.2</i>	<i>15-110</i>				
<i>Surrogate: Nitrobenzene-d5</i>	<i>41.1</i>		<i>"</i>	<i>50.1</i>		<i>82.1</i>	<i>30-130</i>				
<i>Surrogate: Phenol-d5</i>	<i>56.0</i>		<i>"</i>	<i>75.1</i>		<i>74.5</i>	<i>10-110</i>				
<i>Surrogate: Terphenyl-d14</i>	<i>35.1</i>		<i>"</i>	<i>50.0</i>		<i>70.2</i>	<i>30-130</i>				

## Semivolatile Organic Compounds by EPA Method 8270C - Quality Control Data

### York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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**Batch BK10533 - EPA 3550B**

**Blank (BK10533-BLK1)**

Prepared & Analyzed: 11/14/2011

Acenaphthene	ND	167	ug/kg wet								
Acenaphthylene	ND	167	"								
Anthracene	ND	167	"								
Benzo(a)anthracene	ND	167	"								
Benzo(a)pyrene	ND	167	"								
Benzo(b)fluoranthene	ND	167	"								
Benzo(g,h,i)perylene	ND	167	"								
Benzo(k)fluoranthene	ND	167	"								
Chrysene	ND	167	"								
Dibenzo(a,h)anthracene	ND	167	"								
Dibenzofuran	ND	167	"								
Fluoranthene	ND	167	"								
Fluorene	ND	167	"								
Hexachlorobenzene	ND	167	"								
Indeno(1,2,3-cd)pyrene	ND	167	"								
2-Methylphenol	ND	167	"								
3- & 4-Methylphenols	ND	167	"								
Naphthalene	ND	167	"								
Pentachlorophenol	ND	167	"								
Phenanthrene	ND	167	"								
Phenol	ND	167	"								
Pyrene	ND	167	"								
<hr/>											
<i>Surrogate: 2,4,6-Tribromophenol</i>	1330		"	2500		53.1	15-110				
<i>Surrogate: 2-Fluorobiphenyl</i>	766		"	1670		46.0	30-130				
<i>Surrogate: 2-Fluorophenol</i>	895		"	2510		35.7	15-110				
<i>Surrogate: Nitrobenzene-d5</i>	741		"	1670		44.4	30-130				
<i>Surrogate: Phenol-d5</i>	1100		"	2500		43.7	15-110				
<i>Surrogate: Terphenyl-d14</i>	855		"	1670		51.3	30-130				

## Semivolatile Organic Compounds by EPA Method 8270C - Quality Control Data

### York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
<b>Batch BK10533 - EPA 3550B</b>											
<b>LCS (BK10533-BS1)</b>											Prepared & Analyzed: 11/14/2011
Acenaphthene	999	167	ug/kg wet	1670		59.9	31.1-109				
Acenaphthylene	936	167	"	1670		56.2	31.1-106				
Anthracene	1060	167	"	1670		63.5	31.5-107				
Benzo(a)anthracene	1080	167	"	1670		64.7	31.5-115				
Benzo(a)pyrene	1080	167	"	1670		64.9	29.1-138				
Benzo(b)fluoranthene	1090	167	"	1670		65.2	14.9-131				
Benzo(g,h,i)perylene	979	167	"	1670		58.7	6.56-121				
Benzo(k)fluoranthene	1030	167	"	1670		61.8	29.1-121				
Chrysene	1030	167	"	1670		61.6	27.4-117				
Dibenzo(a,h)anthracene	992	167	"	1670		59.5	14.6-119				
Dibenzofuran	1040	167	"	1670		62.7	30.2-108				
Fluoranthene	1090	167	"	1670		65.5	31.3-110				
Fluorene	1020	167	"	1670		61.3	29.9-108				
Hexachlorobenzene	1050	167	"	1670		63.0	31.7-102				
Indeno(1,2,3-cd)pyrene	978	167	"	1670		58.7	12.6-120				
2-Methylphenol	907	167	"	1670		54.4	23.6-125				
3- & 4-Methylphenols	867	167	"	1670		52.0	21.3-115				
Naphthalene	872	167	"	1670		52.3	25.2-111				
Pentachlorophenol	1170	167	"	1670		70.4	3.68-146				
Phenanthrene	1070	167	"	1670		64.0	31.2-105				
Phenol	764	167	"	1670		45.8	23.2-117				
Pyrene	1120	167	"	1670		67.3	26.3-124				
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>1530</i>		<i>"</i>	<i>2500</i>		<i>61.3</i>	<i>15-110</i>				
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>860</i>		<i>"</i>	<i>1670</i>		<i>51.6</i>	<i>30-130</i>				
<i>Surrogate: 2-Fluorophenol</i>	<i>1010</i>		<i>"</i>	<i>2510</i>		<i>40.3</i>	<i>15-110</i>				
<i>Surrogate: Nitrobenzene-d5</i>	<i>791</i>		<i>"</i>	<i>1670</i>		<i>47.4</i>	<i>30-130</i>				
<i>Surrogate: Phenol-d5</i>	<i>1190</i>		<i>"</i>	<i>2500</i>		<i>47.5</i>	<i>15-110</i>				
<i>Surrogate: Terphenyl-d14</i>	<i>1000</i>		<i>"</i>	<i>1670</i>		<i>60.2</i>	<i>30-130</i>				

## Organochlorine Pesticides by EPA SW 846-8081 - Quality Control Data

### York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	Flag	RPD	Limit	Flag
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**Batch BK10434 - EPA SW846-3510C Low Level**

**Blank (BK10434-BLK1)**

Prepared: 11/11/2011 Analyzed: 11/15/2011

4,4'-DDD	ND	0.00100	ug/L							
4,4'-DDE	ND	0.00100	"							
4,4'-DDT	ND	0.00100	"							
Aldrin	ND	0.00100	"							
alpha-BHC	ND	0.00100	"							
beta-BHC	ND	0.00100	"							
delta-BHC	ND	0.00100	"							
Dieldrin	ND	0.00100	"							
Endosulfan I	ND	0.00100	"							
Endosulfan sulfate	ND	0.0100	"							
Endosulfan II	ND	0.00100	"							
Endrin	ND	0.00100	"							
gamma-BHC (Lindane)	ND	0.00100	"							
Heptachlor	ND	0.00100	"							
alpha-Chlordane	ND	0.00100	"							
<hr/>										
<i>Surrogate: Decachlorobiphenyl</i>	<i>0.195</i>		"	<i>0.200</i>		<i>97.5</i>	<i>30-150</i>			
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>0.241</i>		"	<i>0.200</i>		<i>121</i>	<i>30-150</i>			

**LCS (BK10434-BS1)**

Prepared: 11/11/2011 Analyzed: 11/15/2011

4,4'-DDD	0.0747	0.00100	ug/L	0.100		74.7	40-140			
4,4'-DDE	0.0743	0.00100	"	0.100		74.3	40-140			
4,4'-DDT	0.0828	0.00100	"	0.100		82.8	40-140			
Aldrin	0.0824	0.00100	"	0.100		82.4	40-140			
alpha-BHC	0.0883	0.00100	"	0.100		88.3	40-140			
beta-BHC	0.0897	0.00100	"	0.100		89.7	40-140			
delta-BHC	0.0837	0.00100	"	0.100		83.7	40-140			
Dieldrin	0.0790	0.00100	"	0.100		79.0	40-140			
Endosulfan I	0.0824	0.00100	"	0.100		82.4	40-140			
Endosulfan sulfate	0.0741	0.0100	"	0.100		74.1	40-140			
Endosulfan II	0.0781	0.00100	"	0.100		78.1	40-140			
Endrin	0.0723	0.00100	"	0.100		72.3	40-140			
gamma-BHC (Lindane)	0.0844	0.00100	"	0.100		84.4	40-140			
Heptachlor	0.0759	0.00100	"	0.100		75.9	40-140			
alpha-Chlordane	0.0708	0.00100	"	0.100		70.8	40-140			
<hr/>										
<i>Surrogate: Decachlorobiphenyl</i>	<i>0.205</i>		"	<i>0.200</i>		<i>102</i>	<i>30-150</i>			
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>0.263</i>		"	<i>0.200</i>		<i>132</i>	<i>30-150</i>			

## Organochlorine Pesticides by EPA SW 846-8081 - Quality Control Data

### York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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#### Batch BK10434 - EPA SW846-3510C Low Level

##### LCS Dup (BK10434-BSD1)

Prepared: 11/11/2011 Analyzed: 11/15/2011

4,4'-DDD	0.0767	0.00100	ug/L	0.100		76.7	40-140		2.73	200
4,4'-DDE	0.0769	0.00100	"	0.100		76.9	40-140		3.47	200
4,4'-DDT	0.0852	0.00100	"	0.100		85.2	40-140		2.84	200
Aldrin	0.0850	0.00100	"	0.100		85.0	40-140		3.09	200
alpha-BHC	0.0903	0.00100	"	0.100		90.3	40-140		2.29	200
beta-BHC	0.0992	0.00100	"	0.100		99.2	40-140		10.0	200
delta-BHC	0.0863	0.00100	"	0.100		86.3	40-140		3.06	200
Dieldrin	0.0816	0.00100	"	0.100		81.6	40-140		3.33	200
Endosulfan I	0.0863	0.00100	"	0.100		86.3	40-140		4.64	200
Endosulfan sulfate	0.0759	0.0100	"	0.100		75.9	40-140		2.33	200
Endosulfan II	0.0812	0.00100	"	0.100		81.2	40-140		3.88	200
Endrin	0.0747	0.00100	"	0.100		74.7	40-140		3.27	200
gamma-BHC (Lindane)	0.0876	0.00100	"	0.100		87.6	40-140		3.72	200
Heptachlor	0.0788	0.00100	"	0.100		78.8	40-140		3.81	200
alpha-Chlordane	0.0738	0.00100	"	0.100		73.8	40-140		4.26	200
<i>Surrogate: Decachlorobiphenyl</i>	<i>0.134</i>		"	<i>0.200</i>		<i>67.0</i>	<i>30-150</i>			
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>0.155</i>		"	<i>0.200</i>		<i>77.5</i>	<i>30-150</i>			

#### Batch BK10502 - EPA 3550B

##### Blank (BK10502-BLK1)

Prepared & Analyzed: 11/14/2011

4,4'-DDD	ND	0.330	ug/kg wet							
4,4'-DDE	ND	0.330	"							
4,4'-DDT	ND	0.330	"							
Aldrin	ND	0.330	"							
alpha-BHC	ND	0.330	"							
beta-BHC	ND	0.330	"							
delta-BHC	ND	0.330	"							
Dieldrin	ND	0.330	"							
Endosulfan I	ND	0.330	"							
Endosulfan II	ND	0.330	"							
Endosulfan sulfate	ND	0.330	"							
Endrin	ND	0.330	"							
gamma-BHC (Lindane)	ND	0.330	"							
Heptachlor	ND	0.330	"							
alpha-Chlordane	ND	0.330	"							
<i>Surrogate: Decachlorobiphenyl</i>	<i>52.0</i>		"	<i>66.7</i>		<i>78.0</i>	<i>30-150</i>			
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>38.2</i>		"	<i>66.7</i>		<i>57.3</i>	<i>30-150</i>			

## Organochlorine Pesticides by EPA SW 846-8081 - Quality Control Data

### York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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**Batch BK10502 - EPA 3550B**

**LCS (BK10502-BS1)**

Prepared & Analyzed: 11/14/2011

4,4'-DDD	22.0	0.330	ug/kg wet	33.3		66.1	40-140				
4,4'-DDE	21.3	0.330	"	33.3		64.0	40-140				
4,4'-DDT	24.2	0.330	"	33.3		72.7	40-140				
Aldrin	17.7	0.330	"	33.3		53.1	40-140				
alpha-BHC	15.6	0.330	"	33.3		46.9	40-140				
beta-BHC	24.1	0.330	"	33.3		72.4	40-140				
delta-BHC	21.5	0.330	"	33.3		64.6	40-140				
Dieldrin	21.8	0.330	"	33.3		65.4	40-140				
Endosulfan I	22.0	0.330	"	33.3		66.0	40-140				
Endosulfan II	23.4	0.330	"	33.3		70.3	40-140				
Endosulfan sulfate	22.2	0.330	"	33.3		66.7	40-140				
Endrin	20.8	0.330	"	33.3		62.5	40-140				
gamma-BHC (Lindane)	17.7	0.330	"	33.3		53.2	40-140				
Heptachlor	15.4	0.330	"	33.3		46.2	40-140				
alpha-Chlordane	20.0	0.330	"	33.3		59.9	40-140				
<i>Surrogate: Decachlorobiphenyl</i>	39.5		"	66.7		59.3	30-150				
<i>Surrogate: Tetrachloro-m-xylene</i>	25.5		"	66.7		38.2	30-150				

**Matrix Spike (BK10502-MS1)**

\*Source sample: 11K0413-06 (SP-6 (6'-8'))

Prepared & Analyzed: 11/14/2011

4,4'-DDD	20.6	3.30	ug/kg dry	29.7	ND	69.3	30-150				
4,4'-DDE	20.3	3.30	"	29.7	ND	68.3	30-150				
4,4'-DDT	25.1	3.30	"	29.7	ND	84.5	30-150				
Aldrin	17.3	3.30	"	29.7	ND	58.3	30-150				
alpha-BHC	13.8	3.30	"	29.7	ND	46.3	30-150				
beta-BHC	26.3	3.30	"	29.7	ND	88.4	30-150				
delta-BHC	19.8	3.30	"	29.7	ND	66.6	30-150				
Dieldrin	23.7	3.30	"	29.7	ND	79.6	30-150				
Endosulfan I	25.4	3.30	"	29.7	ND	85.5	30-150				
Endosulfan II	25.9	3.30	"	29.7	ND	87.2	30-150				
Endosulfan sulfate	24.1	3.30	"	29.7	ND	81.1	30-150				
Endrin	26.1	3.30	"	29.7	ND	87.7	30-150				
gamma-BHC (Lindane)	16.4	3.30	"	29.7	ND	55.1	30-150				
Heptachlor	18.4	3.30	"	29.7	ND	61.8	30-150				
alpha-Chlordane	23.3	3.30	"	29.7	ND	78.2	30-150				
<i>Surrogate: Decachlorobiphenyl</i>	57.0		"	74.4		76.7	30-150				
<i>Surrogate: Tetrachloro-m-xylene</i>	36.2		"	74.4		48.7	30-150				

## Organochlorine Pesticides by EPA SW 846-8081 - Quality Control Data

### York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
<b>Batch BK10502 - EPA 3550B</b>											
<b>Matrix Spike Dup (BK10502-MSD1)</b>	*Source sample: 11K0413-06 (SP-6 (6'-8'))						Prepared & Analyzed: 11/14/2011				
4,4'-DDD	21.2	3.30	ug/kg dry	29.7	ND	71.3	30-150		2.79	30	
4,4'-DDE	20.5	3.30	"	29.7	ND	68.9	30-150		0.857	30	
4,4'-DDT	26.2	3.30	"	29.7	ND	88.1	30-150		4.20	30	
Aldrin	18.8	3.30	"	29.7	ND	63.3	30-150		8.35	30	
alpha-BHC	15.5	3.30	"	29.7	ND	52.0	30-150		11.7	30	
beta-BHC	26.6	3.30	"	29.7	ND	89.3	30-150		1.04	30	
delta-BHC	20.1	3.30	"	29.7	ND	67.7	30-150		1.60	30	
Dieldrin	23.2	3.30	"	29.7	ND	78.1	30-150		1.92	30	
Endosulfan I	24.6	3.30	"	29.7	ND	82.8	30-150		3.22	30	
Endosulfan II	26.5	3.30	"	29.7	ND	89.2	30-150		2.34	30	
Endosulfan sulfate	24.7	3.30	"	29.7	ND	83.1	30-150		2.45	30	
Endrin	26.3	3.30	"	29.7	ND	88.5	30-150		0.880	30	
gamma-BHC (Lindane)	17.9	3.30	"	29.7	ND	60.0	30-150		8.54	30	
Heptachlor	20.1	3.30	"	29.7	ND	67.4	30-150		8.76	30	
alpha-Chlordane	23.9	3.30	"	29.7	ND	80.4	30-150		2.77	30	
<i>Surrogate: Decachlorobiphenyl</i>	56.5		"	74.4		76.0	30-150				
<i>Surrogate: Tetrachloro-m-xylene</i>	41.1		"	74.4		55.2	30-150				

## Polychlorinated Biphenyls (PCB) by EPA SW 846-8082/EPA Compendium Methods - Quality Control Data

### York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	Flag	RPD	RPD Limit	Flag
<b>Batch BK10502 - EPA 3550B</b>										
<b>Blank (BK10502-BLK1)</b>										
										Prepared & Analyzed: 11/14/2011
Aroclor 1016	ND	0.0170	mg/kg wet							
Aroclor 1221	ND	0.0170	"							
Aroclor 1232	ND	0.0170	"							
Aroclor 1242	ND	0.0170	"							
Aroclor 1248	ND	0.0170	"							
Aroclor 1254	ND	0.0170	"							
Aroclor 1260	ND	0.0170	"							
Aroclor 1262	ND	0.0170	"							
Aroclor 1268	ND	0.0170	"							
Total PCBs	ND	0.0170	"							
<i>Surrogate: Tetrachloro-m-xylene</i>	0.0373		"	0.0667		56.0			30-150	
<i>Surrogate: Decachlorobiphenyl</i>	0.0620		"	0.0667		93.0			30-150	
<b>LCS (BK10502-BS1)</b>										
										Prepared & Analyzed: 11/14/2011
<i>Surrogate: Tetrachloro-m-xylene</i>	0.0490		mg/kg wet	0.0667		73.5			30-150	
<i>Surrogate: Decachlorobiphenyl</i>	0.0570		"	0.0667		85.5			30-150	
<b>LCS (BK10502-BS2)</b>										
										Prepared & Analyzed: 11/14/2011
Aroclor 1016	0.304	0.0170	mg/kg wet	0.333		91.3			40-140	
Aroclor 1260	0.337	0.0170	"	0.333		101			40-140	
<i>Surrogate: Tetrachloro-m-xylene</i>	0.0490		"	0.0667		73.5			30-150	
<i>Surrogate: Decachlorobiphenyl</i>	0.0570		"	0.0667		85.5			30-150	

## Metals by EPA 6000 Series Methods - Quality Control Data

### York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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**Batch BK10562 - EPA SW 846-3010A**

**Blank (BK10562-BLK1)**

Prepared & Analyzed: 11/14/2011

Aluminum	ND	0.010	mg/L
Antimony	ND	0.005	"
Arsenic	ND	0.010	"
Barium	ND	0.010	"
Beryllium	ND	0.001	"
Cadmium	ND	0.003	"
Calcium	ND	0.020	"
Chromium	ND	0.005	"
Cobalt	ND	0.005	"
Copper	ND	0.005	"
Iron	ND	0.010	"
Lead	ND	0.003	"
Magnesium	ND	0.020	"
Manganese	ND	0.005	"
Nickel	ND	0.005	"
Potassium	ND	0.050	"
Selenium	ND	0.010	"
Silver	ND	0.005	"
Sodium	ND	0.100	"
Thallium	ND	0.010	"
Vanadium	ND	0.010	"
Zinc	ND	0.020	"

**Reference (BK10562-SRM1)**

Prepared & Analyzed: 11/14/2011

Aluminum	0.588	0.010	mg/L	0.581	101	86.1-111
Antimony	0.456	0.005	"	0.445	102	69.9-130
Arsenic	0.511	0.010	"	0.528	96.8	70-130
Barium	0.460	0.010	"	0.428	107	84.8-115
Beryllium	0.762	0.001	"	0.790	96.4	85-115
Cadmium	0.550	0.003	"	0.554	99.3	80-120
Chromium	0.747	0.005	"	0.751	99.5	84.7-115
Copper	0.297	0.005	"	0.287	103	89.7-110
Iron	0.588	0.010	"	0.589	99.9	89-110
Lead	0.836	0.003	"	0.821	102	70-130
Manganese	0.296	0.005	"	0.280	106	89.7-110
Nickel	0.856	0.005	"	0.836	102	85.1-115
Selenium	0.736	0.010	"	0.770	95.5	80-120
Silver	0.107	0.005	"	0.121	88.4	88.2-110
Thallium	0.792	0.010	"	0.747	106	69.9-130
Vanadium	0.751	0.010	"	0.759	99.0	90-110
Zinc	0.394	0.020	"	0.403	97.8	90-110

## Metals by EPA 6000 Series Methods - Quality Control Data

### York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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**Batch BK10562 - EPA SW 846-3010A**

**Reference (BK10562-SRM2)**

Prepared & Analyzed: 11/14/2011

Calcium	35.3	0.020	mg/L	35.3		100	86.1-114				
Magnesium	32.6	0.020	"	31.4		104	86-114				
Potassium	27.5	0.050	"	26.8		102	85.1-115				
Sodium	59.7	0.100	"	58.1		103	85-115				

**Batch BK10564 - EPA SW 846-3050B**

**Blank (BK10564-BLK1)**

Prepared & Analyzed: 11/14/2011

Aluminum	ND	2.00	mg/kg wet								
Antimony	ND	0.500	"								
Arsenic	ND	0.500	"								
Barium	ND	0.500	"								
Beryllium	ND	0.010	"								
Cadmium	ND	0.500	"								
Calcium	ND	2.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.500	"								
Copper	ND	0.500	"								
Iron	ND	1.00	"								
Lead	ND	0.300	"								
Magnesium	ND	2.00	"								
Manganese	ND	1.00	"								
Nickel	ND	0.500	"								
Potassium	ND	10.0	"								
Selenium	ND	0.500	"								
Silver	ND	0.500	"								
Sodium	ND	10.0	"								
Thallium	ND	0.500	"								
Vanadium	ND	0.500	"								
Zinc	ND	0.500	"								

## Metals by EPA 6000 Series Methods - Quality Control Data

### York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	Flag	RPD	RPD Limit	Flag
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**Batch BK10564 - EPA SW 846-3050B**

**Reference (BK10564-SRM1)**

Prepared & Analyzed: 11/14/2011

Aluminum	7320	2.00	mg/kg wet	8390		87.2	40.6-160			
Antimony	107	0.500	"	106		101	25-275			
Arsenic	111	0.500	"	109		102	69.6-134			
Barium	218	0.500	"	206		106	73.3-127			
Beryllium	87.6	0.010	"	88.2		99.3	74.4-126			
Cadmium	77.6	0.500	"	80.2		96.8	73.2-127			
Calcium	6700	2.00	"	6700		99.9	74.2-126			
Chromium	114	0.500	"	117		97.3	69.7-130			
Cobalt	133	0.500	"	127		105	74.3-125			
Copper	124	0.500	"	117		106	74.7-125			
Iron	12500	1.00	"	12300		102	30.6-170			
Lead	75.4	0.300	"	76.2		98.9	68.6-131			
Magnesium	2540	2.00	"	2640		96.2	64-136			
Manganese	365	1.00	"	350		104	75.4-125			
Nickel	81.4	0.500	"	71.2		114	71.1-129			
Potassium	2730	10.0	"	2960		92.4	62.5-138			
Selenium	130	0.500	"	127		102	66.6-134			
Silver	38.2	0.500	"	41.0		93.1	66.1-134			
Sodium	481	10.0	"	360		134	43.9-156			
Thallium	242	0.500	"	266		90.8	69.5-130			
Vanadium	85.5	0.500	"	86.1		99.3	63-137			
Zinc	271	0.500	"	280		96.8	71.4-129			

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

### York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
<b>Batch BK10510 - EPA SW846-7470</b>											
<b>Blank (BK10510-BLK1)</b>											Prepared & Analyzed: 11/14/2011
Mercury	ND	0.0002	mg/L								
<b>LCS (BK10510-BS1)</b>											Prepared & Analyzed: 11/14/2011
Mercury	0.003019	0.0002	mg/L	0.00300		101	80-120				
<b>Duplicate (BK10510-DUP1)</b>											Prepared & Analyzed: 11/14/2011
*Source sample: 11K0413-11 (Field Blank)											
Mercury	ND	0.0002	mg/L		ND					20	
<b>Matrix Spike (BK10510-MS1)</b>											Prepared & Analyzed: 11/14/2011
*Source sample: 11K0413-11 (Field Blank)											
Mercury	0.0030	0.0002	mg/L	0.00300	ND	102	75-125				
<b>Batch BK10511 - EPA SW846-7471</b>											
<b>Blank (BK10511-BLK1)</b>											Prepared & Analyzed: 11/14/2011
Mercury	ND	0.100	mg/kg wet								
<b>LCS (BK10511-BS1)</b>											Prepared & Analyzed: 11/14/2011
Mercury	3.18		mg/kg	2.96		107	80-120				
<b>Duplicate (BK10511-DUP1)</b>											Prepared & Analyzed: 11/14/2011
*Source sample: 11K0413-01 (SP-2 (0'-2'))											
Mercury	ND	0.125	mg/kg dry		ND					35	
<b>Matrix Spike (BK10511-MS1)</b>											Prepared & Analyzed: 11/14/2011
*Source sample: 11K0413-01 (SP-2 (0'-2'))											
Mercury	1.54		mg/kg	1.50	ND	103	75-125				

## Wet Chemistry Parameters - Quality Control Data

### York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	Flag	RPD	RPD Limit	Flag
<b>Batch BK10491 - Analysis Preparation</b>										
<b>Blank (BK10491-BLK1)</b>							Prepared & Analyzed: 11/10/2011			
Chromium, Hexavalent	ND	0.0100	mg/L							
<b>LCS (BK10491-BS1)</b>							Prepared & Analyzed: 11/10/2011			
Chromium, Hexavalent	0.470	0.0100	mg/L	0.500		94.0	80-120			
<b>Duplicate (BK10491-DUP1)</b> *Source sample: 11K0413-11 (Field Blank)							Prepared & Analyzed: 11/10/2011			
Chromium, Hexavalent	ND	0.0100	mg/L		ND				20	
<b>Matrix Spike (BK10491-MS1)</b> *Source sample: 11K0413-11 (Field Blank)							Prepared & Analyzed: 11/10/2011			
Chromium, Hexavalent	0.450	0.0100	mg/L	0.500	ND	90.0	75-125			
<b>Batch BK10587 - EPA SW846-3060</b>										
<b>Blank (BK10587-BLK1)</b>							Prepared & Analyzed: 11/15/2011			
Chromium, Hexavalent	ND	0.500	mg/kg wet							
<b>Duplicate (BK10587-DUP1)</b> *Source sample: 11K0413-01 (SP-2 (0'-2'))							Prepared & Analyzed: 11/15/2011			
Chromium, Hexavalent	ND	0.623	mg/kg dry		ND				35	
<b>Matrix Spike (BK10587-MS1)</b> *Source sample: 11K0413-01 (SP-2 (0'-2'))							Prepared & Analyzed: 11/15/2011			
Chromium, Hexavalent	21.1	0.623	mg/kg dry	24.9	ND	84.8	75-125			
<b>Reference (BK10587-SRM1)</b>							Prepared & Analyzed: 11/15/2011			
Chromium, Hexavalent	13.2		mg/kg	13.4		98.5	10-2100			

**Notes and Definitions**

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S-AC	Acid surrogate recovery outside of control limits. The data was accepted based on valid recovery of remaining two acid surrogates.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
S-01	The surrogate recovery for this sample may not be available due to sample dilution required from high analyte concentration and/or matrix interferences.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.
B-Dil	Detected in method blank(s) associated with the sample analysis. This is a common lab artifact which is found at ND-25 ppb. No dilution factor has been applied to these compounds to eliminate artificially inflated results.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

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

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Corrective Action: Client Did Not Submit VOA Vials for Field Blank - JG 11/11/2011

# YORK

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

# Field Chain-of-Custody Record

Page      of     

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

York Project No. 111 K 0413

<b>Client Information</b> Company: <u>Hydro Tech Env. Company</u> Address: <u>15 Ocean Ave., 2nd Floor, Brooklyn</u> Phone No. <u>718-636-0800</u> Contact Person: <u>Fagi Karayel</u> E-Mail Address: <u>ekarayel@hrotechenv.com</u>		<b>Report To:</b> Company: <u>    </u> Address: <u>    </u> Phone No. <u>    </u> Attention: <u>    </u> E-Mail Address: <u>    </u>		<b>Invoice To:</b> Company: <u>    </u> Address: <u>77 Arroyo Dr., Suite: G, Hauppauge</u> Phone No. <u>631-462-5866</u> Attention: <u>Muslima Wood</u> E-Mail Address: <u>    </u>		<b>Client Project ID</b> # <u>110171</u> <u>1309 38th Street</u> <u>Brooklyn, NY</u> <b>Purchase Order No.</b> <u>4800</u>		<b>Turn-Around Time</b> 24 hr <u>    </u> 48 hr <u>    </u> 72 hr <u>    </u> 5 Day <u>    </u> <b>Standard</b> <input checked="" type="checkbox"/> <u>    </u>		<b>Report Type/Deliverables</b> Summary Results Only <u>    </u> RCP Package <u>    </u> ASP B Pkg <u>    </u> ASP A Pkg <u>    </u> Excel format <u>    </u> EDD <u>    </u> OTHER <u>    </u>	
--	--	---	--	--	--	---	--	--	--	---	--

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

*S. W. Karayel*  
 Samples Collected/Authorized By (Signature)  
Fagi Karayel  
 Name (printed)

Matrix Codes	Volatiles	Semi-Vols.	Metals	Misc. Org.	Full Lists	Miscellaneous Parameters	Special Instructions
S - soil	TICs	8270 or 625	RCRA8	TPH GRO	PH Poll.	Color	Field Filtered <input type="checkbox"/>
Other - specify (oil, etc)	Site Spec.	STARS	PP13	TPH DRO	TCL C organics	Nitrate	Lab to Filter <input type="checkbox"/>
WW - wastewater	SPL for TCLP	BN Only	TAL	CT ETPH	TAL MetCN	Nitrite	
GW - groundwater	Benzene	Acids Only	CT15	NY 310-13	Full TCLP	TKN	
DW - drinking water	Nassau Co.	PAH	Total	TPH 418.1	Full App. IX	Flash Point	
Air-A - ambient air	Suffolk Co.	TAGM	Dissolved	Air TO14A	Part 360-Pesticide	Sieve Anal.	
Air-SV - soil vapor	Ketones	CT RCP	TPH for TCLP	Air TO15	Part 360-Pesticide	Heteroatoms	
	Oxygenates	TCL list	SPL for TCLP	Air STARS	Part 360-Pesticide	Phosphate	
	TCLP list	TICs	TCLP Herb	Air VPH	Part 360-Pesticide	Chloride	
	524.2	App. IX	Chlordane	Air TICs	NYC DEP Sewer	TOX	
	502.2	SPL for TCLP	608 Pest	Methane	NYS DEP Sewer	BTU/lb.	
	8021B list	TCLP BNA	608 PCB	Helium	TAGM	Aquatic Tox.	
						FOG.	
						pH	
						TDS	
						MBAS	
						TPH-IR	

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)	Temperature on Receipt
SP-2 (0'-2')	11/8/11	S	Little "E" Project (8260, 8270, 8081/8082, TAL), Chromium Trivalent, Chromium Hexavalent	1-(203, 1-10)-0-	4-1 °C
SP-2 (6'-8')			Little "E" Project, Chromium Trivalent, Chromium Hexavalent		
SP-4 (0'-2')					
SP-4 (6'-8')					
SP-6 (0'-2')					
SP-6 (6'-8')					
SP-7 (0'-2')					
SP-7 (6'-8')	11/9/11				
SP-3 (0'-2')	11/9/11				
SP-3 (6'-8')					

Comments  
 NYSDEC Part 375 analysis is needed.  
 Samples Relinquished By: S. W. Karayel Date/Time: 11/10/11 9:30  
 Samples Received By:      Date/Time: 11/10/11 1330  
 Samples Relinquished By:      Date/Time:       
 Samples Received in LAB by:      Date/Time:     

4°C      Frozen      HCl      HNO<sub>3</sub>      H<sub>2</sub>SO<sub>4</sub>      NaOH       
 Check these Applicable:      MeOH      Other       
 4°C      Other      Ascorbic

**APPENDIX G**

**LABORATORY DELIVERABLES FOR GROUNDWATER ANALYTICAL  
DATA**

# Technical Report

prepared for:

**Hydro Tech Environmental (Brooklyn)**  
15 Ocean Avenue  
Brooklyn NY, 11225  
**Attention: Ezgi Karayel**

Report Date: 01/26/2012  
**Client Project ID: #110171 1309 38th Street Brooklyn, NY**  
York Project (SDG) No.: 12A0687

CT License No. PH-0723

New Jersey License No. CT-005



New York License No. 10854

PA License No. 68-04440

**Hydro Tech Environmental (Brooklyn)**

15 Ocean Avenue  
Brooklyn NY, 11225  
Attention: Ezgi Karayel

**Purpose and Results**

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on January 20, 2012 and listed below. The project was identified as your project: **#110171 1309 38th Street Brooklyn, NY**.

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
12A0687-01	SP-5 (0'-2')	Soil	01/11/2012	01/20/2012
12A0687-02	SP-5 (6'-8')	Soil	01/11/2012	01/20/2012
12A0687-03	MW-3	Water	01/19/2012	01/20/2012

**General Notes for York Project (SDG) No.: 12A0687**

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

Approved By:



Robert Q. Bradley  
Executive Vice President / Laboratory Director

Date: 01/26/2012

**YORK**

**Sample Information**

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

**York Sample ID:** 12A0687-01

<u>York Project (SDG) No.</u> 12A0687	<u>Client Project ID</u> #110171 1309 38th Street Brooklyn, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 11, 2012 3:00 pm	<u>Date Received</u> 01/20/2012
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**Volatile Organics, NYSDEC Part 375 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	12	2	EPA SW846-8260B	01/24/2012 11:41	01/24/2012 18:45	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.8	12	2	EPA SW846-8260B	01/24/2012 11:41	01/24/2012 18:45	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.4	12	2	EPA SW846-8260B	01/24/2012 11:41	01/24/2012 18:45	SS
95-63-6	<b>1,2,4-Trimethylbenzene</b>	<b>33</b>		ug/kg dry	1.4	12	2	EPA SW846-8260B	01/24/2012 11:41	01/24/2012 18:45	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	01/24/2012 11:41	01/24/2012 18:45	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	01/24/2012 11:41	01/24/2012 18:45	SS
108-67-8	<b>1,3,5-Trimethylbenzene</b>	<b>13</b>		ug/kg dry	0.96	12	2	EPA SW846-8260B	01/24/2012 11:41	01/24/2012 18:45	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.2	12	2	EPA SW846-8260B	01/24/2012 11:41	01/24/2012 18:45	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.8	12	2	EPA SW846-8260B	01/24/2012 11:41	01/24/2012 18:45	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	82	120	2	EPA SW846-8260B	01/24/2012 11:41	01/24/2012 18:45	SS
78-93-3	<b>2-Butanone</b>	<b>9.4</b>	J	ug/kg dry	6.7	24	2	EPA SW846-8260B	01/24/2012 11:41	01/24/2012 18:45	SS
67-64-1	<b>Acetone</b>	<b>76</b>	B	ug/kg dry	8.1	24	2	EPA SW846-8260B	01/24/2012 11:41	01/24/2012 18:45	SS
71-43-2	Benzene	ND		ug/kg dry	1.2	12	2	EPA SW846-8260B	01/24/2012 11:41	01/24/2012 18:45	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	12	2	EPA SW846-8260B	01/24/2012 11:41	01/24/2012 18:45	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.91	12	2	EPA SW846-8260B	01/24/2012 11:41	01/24/2012 18:45	SS
67-66-3	Chloroform	ND		ug/kg dry	0.93	12	2	EPA SW846-8260B	01/24/2012 11:41	01/24/2012 18:45	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	12	2	EPA SW846-8260B	01/24/2012 11:41	01/24/2012 18:45	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.91	12	2	EPA SW846-8260B	01/24/2012 11:41	01/24/2012 18:45	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	0.99	12	2	EPA SW846-8260B	01/24/2012 11:41	01/24/2012 18:45	SS
75-09-2	<b>Methylene chloride</b>	<b>15</b>	J, B	ug/kg dry	2.7	24	2	EPA SW846-8260B	01/24/2012 11:41	01/24/2012 18:45	SS
104-51-8	<b>n-Butylbenzene</b>	<b>4.8</b>	J	ug/kg dry	0.83	12	2	EPA SW846-8260B	01/24/2012 11:41	01/24/2012 18:45	SS
103-65-1	<b>n-Propylbenzene</b>	<b>2.3</b>	J	ug/kg dry	1.5	12	2	EPA SW846-8260B	01/24/2012 11:41	01/24/2012 18:45	SS
95-47-6	<b>o-Xylene</b>	<b>8.0</b>	J	ug/kg dry	1.3	12	2	EPA SW846-8260B	01/24/2012 11:41	01/24/2012 18:45	SS
1330-20-7P/M	<b>p- &amp; m- Xylenes</b>	<b>7.6</b>	J	ug/kg dry	1.4	24	2	EPA SW846-8260B	01/24/2012 11:41	01/24/2012 18:45	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	01/24/2012 11:41	01/24/2012 18:45	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.2	12	2	EPA SW846-8260B	01/24/2012 11:41	01/24/2012 18:45	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	01/24/2012 11:41	01/24/2012 18:45	SS
108-88-3	Toluene	ND		ug/kg dry	0.60	12	2	EPA SW846-8260B	01/24/2012 11:41	01/24/2012 18:45	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	01/24/2012 11:41	01/24/2012 18:45	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	01/24/2012 11:41	01/24/2012 18:45	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	12	2	EPA SW846-8260B	01/24/2012 11:41	01/24/2012 18:45	SS
1330-20-7	<b>Xylenes, Total</b>	<b>16</b>	J	ug/kg dry	2.7	36	2	EPA SW846-8260B	01/24/2012 11:41	01/24/2012 18:45	SS

**Sample Information**

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

**York Sample ID:** 12A0687-01

York Project (SDG) No.  
12A0687

Client Project ID  
#110171 1309 38th Street Brooklyn, NY

Matrix  
Soil

Collection Date/Time  
January 11, 2012 3:00 pm

Date Received  
01/20/2012

**Semi-Volatiles, NYSDEC Part 375 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/kg dry	1470	4000	20	EPA SW-846 8270C	01/24/2012 07:23	01/25/2012 15:48	TD
100-01-6	3- & 4-Methylphenols	ND		ug/kg dry	1800	4000	20	EPA SW-846 8270C	01/24/2012 07:23	01/25/2012 15:48	TD
83-32-9	Acenaphthene	ND		ug/kg dry	2320	4000	20	EPA SW-846 8270C	01/24/2012 07:23	01/25/2012 15:48	TD
208-96-8	Acenaphthylene	ND		ug/kg dry	1120	4000	20	EPA SW-846 8270C	01/24/2012 07:23	01/25/2012 15:48	TD
120-12-7	<b>Anthracene</b>	<b>1220</b>	J	ug/kg dry	992	4000	20	EPA SW-846 8270C	01/24/2012 07:23	01/25/2012 15:48	TD
56-55-3	<b>Benzo(a)anthracene</b>	<b>2350</b>	J	ug/kg dry	1550	4000	20	EPA SW-846 8270C	01/24/2012 07:23	01/25/2012 15:48	TD
50-32-8	<b>Benzo(a)pyrene</b>	<b>1790</b>	J	ug/kg dry	1040	4000	20	EPA SW-846 8270C	01/24/2012 07:23	01/25/2012 15:48	TD
205-99-2	<b>Benzo(b)fluoranthene</b>	<b>1570</b>	J	ug/kg dry	1520	4000	20	EPA SW-846 8270C	01/24/2012 07:23	01/25/2012 15:48	TD
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	1200	4000	20	EPA SW-846 8270C	01/24/2012 07:23	01/25/2012 15:48	TD
207-08-9	<b>Benzo(k)fluoranthene</b>	<b>1910</b>	J	ug/kg dry	1550	4000	20	EPA SW-846 8270C	01/24/2012 07:23	01/25/2012 15:48	TD
218-01-9	<b>Chrysene</b>	<b>2880</b>	J	ug/kg dry	1610	4000	20	EPA SW-846 8270C	01/24/2012 07:23	01/25/2012 15:48	TD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	1010	4000	20	EPA SW-846 8270C	01/24/2012 07:23	01/25/2012 15:48	TD
132-64-9	Dibenzofuran	ND		ug/kg dry	1290	4000	20	EPA SW-846 8270C	01/24/2012 07:23	01/25/2012 15:48	TD
206-44-0	<b>Fluoranthene</b>	<b>6240</b>		ug/kg dry	2320	4000	20	EPA SW-846 8270C	01/24/2012 07:23	01/25/2012 15:48	TD
86-73-7	Fluorene	ND		ug/kg dry	1120	4000	20	EPA SW-846 8270C	01/24/2012 07:23	01/25/2012 15:48	TD
118-74-1	Hexachlorobenzene	ND		ug/kg dry	652	4000	20	EPA SW-846 8270C	01/24/2012 07:23	01/25/2012 15:48	TD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	1480	4000	20	EPA SW-846 8270C	01/24/2012 07:23	01/25/2012 15:48	TD
91-20-3	Naphthalene	ND		ug/kg dry	1200	4000	20	EPA SW-846 8270C	01/24/2012 07:23	01/25/2012 15:48	TD
87-86-5	Pentachlorophenol	ND		ug/kg dry	1120	4000	20	EPA SW-846 8270C	01/24/2012 07:23	01/25/2012 15:48	TD
85-01-8	<b>Phenanthrene</b>	<b>6370</b>		ug/kg dry	1480	4000	20	EPA SW-846 8270C	01/24/2012 07:23	01/25/2012 15:48	TD
108-95-2	Phenol	ND		ug/kg dry	1600	4000	20	EPA SW-846 8270C	01/24/2012 07:23	01/25/2012 15:48	TD
129-00-0	<b>Pyrene</b>	<b>4760</b>		ug/kg dry	1440	4000	20	EPA SW-846 8270C	01/24/2012 07:23	01/25/2012 15:48	TD

**Sample Information**

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

**York Sample ID:** 12A0687-01

York Project (SDG) No.  
12A0687

Client Project ID  
#110171 1309 38th Street Brooklyn, NY

Matrix  
Soil

Collection Date/Time  
January 11, 2012 3:00 pm

Date Received  
01/20/2012

**Pesticides, NYSDEC Part 375 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.47	3.30	10	EPA SW 846-8081	01/20/2012 17:01	01/24/2012 16:28	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.89	3.30	10	EPA SW 846-8081	01/20/2012 17:01	01/24/2012 16:28	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.48	3.30	10	EPA SW 846-8081	01/20/2012 17:01	01/24/2012 16:28	JW
309-00-2	Aldrin	ND		ug/kg dry	2.11	3.30	10	EPA SW 846-8081	01/20/2012 17:01	01/24/2012 16:28	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.49	3.30	10	EPA SW 846-8081	01/20/2012 17:01	01/24/2012 16:28	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.86	3.30	10	EPA SW 846-8081	01/20/2012 17:01	01/24/2012 16:28	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.08	3.30	10	EPA SW 846-8081	01/20/2012 17:01	01/24/2012 16:28	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.80	3.30	10	EPA SW 846-8081	01/20/2012 17:01	01/24/2012 16:28	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.95	3.30	10	EPA SW 846-8081	01/20/2012 17:01	01/24/2012 16:28	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.60	3.30	10	EPA SW 846-8081	01/20/2012 17:01	01/24/2012 16:28	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.02	3.30	10	EPA SW 846-8081	01/20/2012 17:01	01/24/2012 16:28	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.69	3.30	10	EPA SW 846-8081	01/20/2012 17:01	01/24/2012 16:28	JW
72-20-8	Endrin	ND		ug/kg dry	2.00	3.30	10	EPA SW 846-8081	01/20/2012 17:01	01/24/2012 16:28	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.29	3.30	10	EPA SW 846-8081	01/20/2012 17:01	01/24/2012 16:28	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.63	3.30	10	EPA SW 846-8081	01/20/2012 17:01	01/24/2012 16:28	JW

**Polychlorinated Biphenyls (PCB)**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	<b>Aroclor 1016</b>	<b>0.0953</b>		mg/kg dry	0.00948	0.0204	1	EPA SW 846-8082	01/23/2012 12:55	01/24/2012 12:27	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.00948	0.0204	1	EPA SW 846-8082	01/23/2012 12:55	01/24/2012 12:27	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.00948	0.0204	1	EPA SW 846-8082	01/23/2012 12:55	01/24/2012 12:27	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.00948	0.0204	1	EPA SW 846-8082	01/23/2012 12:55	01/24/2012 12:27	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.00948	0.0204	1	EPA SW 846-8082	01/23/2012 12:55	01/24/2012 12:27	JW
11097-69-1	<b>Aroclor 1254</b>	<b>0.0677</b>		mg/kg dry	0.00816	0.0204	1	EPA SW 846-8082	01/23/2012 12:55	01/24/2012 12:27	JW
11096-82-5	<b>Aroclor 1260</b>	<b>0.149</b>		mg/kg dry	0.00816	0.0204	1	EPA SW 846-8082	01/23/2012 12:55	01/24/2012 12:27	JW
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.00816	0.0204	1	EPA SW 846-8082	01/23/2012 12:55	01/24/2012 12:27	JW
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.00816	0.0204	1	EPA SW 846-8082	01/23/2012 12:55	01/24/2012 12:27	JW
1336-36-3	<b>Total PCBs</b>	<b>0.312</b>		mg/kg dry	0.00816	0.0204	1	EPA SW 846-8082	01/23/2012 12:55	01/24/2012 12:27	JW

**Sample Information**

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

**York Sample ID:** 12A0687-01

York Project (SDG) No.  
12A0687

Client Project ID  
#110171 1309 38th Street Brooklyn, NY

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January 11, 2012 3:00 pm

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01/20/2012

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	8930		mg/kg dry	1.51	2.40	1	EPA SW846-6010B	01/23/2012 16:01	01/23/2012 20:17	MW
7440-36-0	Antimony	ND		mg/kg dry	0.168	0.600	1	EPA SW846-6010B	01/23/2012 16:01	01/23/2012 20:17	MW
7440-38-2	Arsenic	9.88		mg/kg dry	0.228	0.600	1	EPA SW846-6010B	01/23/2012 16:01	01/23/2012 20:17	MW
7440-39-3	Barium	208		mg/kg dry	0.288	0.600	1	EPA SW846-6010B	01/23/2012 16:01	01/23/2012 20:17	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.010	0.120	1	EPA SW846-6010B	01/23/2012 16:01	01/23/2012 20:17	MW
7440-43-9	Cadmium	32.0		mg/kg dry	0.156	0.600	1	EPA SW846-6010B	01/23/2012 16:01	01/23/2012 20:17	MW
7440-70-2	Calcium	4880		mg/kg dry	0.052	2.40	1	EPA SW846-6010B	01/23/2012 16:01	01/23/2012 20:17	MW
7440-47-3	Chromium	26.2		mg/kg dry	0.096	0.600	1	EPA SW846-6010B	01/23/2012 16:01	01/23/2012 20:17	MW
7440-48-4	Cobalt	6.73		mg/kg dry	0.096	0.600	1	EPA SW846-6010B	01/23/2012 16:01	01/23/2012 20:17	MW
7440-50-8	Copper	100		mg/kg dry	0.168	0.600	1	EPA SW846-6010B	01/23/2012 16:01	01/23/2012 20:17	MW
7439-89-6	Iron	31400		mg/kg dry	0.660	1.20	1	EPA SW846-6010B	01/23/2012 16:01	01/23/2012 20:17	MW
7439-92-1	Lead	356		mg/kg dry	0.120	0.360	1	EPA SW846-6010B	01/23/2012 16:01	01/23/2012 20:17	MW
7439-95-4	Magnesium	2330		mg/kg dry	0.984	2.40	1	EPA SW846-6010B	01/23/2012 16:01	01/23/2012 20:17	MW
7439-96-5	Manganese	372		mg/kg dry	0.096	1.20	1	EPA SW846-6010B	01/23/2012 16:01	01/23/2012 20:17	MW
7440-02-0	Nickel	71.6		mg/kg dry	0.084	0.600	1	EPA SW846-6010B	01/23/2012 16:01	01/23/2012 20:17	MW
7440-09-7	Potassium	621		mg/kg dry	3.27	12.0	1	EPA SW846-6010B	01/23/2012 16:01	01/23/2012 20:17	MW
7782-49-2	Selenium	2.17		mg/kg dry	0.253	0.600	1	EPA SW846-6010B	01/23/2012 16:01	01/23/2012 20:17	MW
7440-22-4	Silver	ND		mg/kg dry	0.108	0.600	1	EPA SW846-6010B	01/23/2012 16:01	01/23/2012 20:17	MW
7440-23-5	Sodium	188		mg/kg dry	8.07	12.0	1	EPA SW846-6010B	01/23/2012 16:01	01/23/2012 20:17	MW
7440-28-0	Thallium	ND		mg/kg dry	0.228	0.600	1	EPA SW846-6010B	01/23/2012 16:01	01/23/2012 20:17	MW
7440-62-2	Vanadium	30.9		mg/kg dry	0.096	0.600	1	EPA SW846-6010B	01/23/2012 16:01	01/23/2012 20:17	MW
7440-66-6	Zinc	457		mg/kg dry	0.084	0.600	1	EPA SW846-6010B	01/23/2012 16:01	01/23/2012 20:17	MW

**Mercury by 7470/7471**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.116	0.120	1	EPA SW846-7471	01/25/2012 12:45	01/25/2012 12:45	AA

## Sample Information

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

**York Sample ID:** 12A0687-01

York Project (SDG) No.  
12A0687

Client Project ID  
#110171 1309 38th Street Brooklyn, NY

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01/20/2012

**Total Solids**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	83.3		%	0.100	0.100	1	SM 2540G	01/24/2012 14:37	01/24/2012 14:37	JCC

**Chromium, Hexavalent**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.420	0.600	1	SW846-7196A	01/25/2012 12:08	01/25/2012 12:08	AD

**Chromium, Trivalent**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	Chromium, Trivalent	26.2		mg/kg	0.250	0.500	1	CALCULATION	01/25/2012 12:41	01/25/2012 12:42	AA

## Sample Information

**Client Sample ID:** SP-5 (6'-8')

**York Sample ID:** 12A0687-02

York Project (SDG) No.  
12A0687

Client Project ID  
#110171 1309 38th Street Brooklyn, NY

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January 11, 2012 3:00 pm

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**Volatile Organics, NYSDEC Part 375 List**

**Log-in Notes:**

**Sample Notes:** HT-01

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.2	11	2	EPA SW846-8260B	01/24/2012 11:41	01/26/2012 02:03	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	01/24/2012 11:41	01/26/2012 02:03	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.1	11	2	EPA SW846-8260B	01/24/2012 11:41	01/26/2012 02:03	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	01/24/2012 11:41	01/26/2012 02:03	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	01/24/2012 11:41	01/26/2012 02:03	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	01/24/2012 11:41	01/26/2012 02:03	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	0.87	11	2	EPA SW846-8260B	01/24/2012 11:41	01/26/2012 02:03	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	01/24/2012 11:41	01/26/2012 02:03	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	01/24/2012 11:41	01/26/2012 02:03	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	74	1100	2	EPA SW846-8260B	01/24/2012 11:41	01/26/2012 02:03	SS
78-93-3	2-Butanone	ND		ug/kg dry	6.1	22	2	EPA SW846-8260B	01/24/2012 11:41	01/26/2012 02:03	SS
67-64-1	Acetone	24		ug/kg dry	7.3	22	2	EPA SW846-8260B	01/24/2012 11:41	01/26/2012 02:03	SS
71-43-2	Benzene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	01/24/2012 11:41	01/26/2012 02:03	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.4	11	2	EPA SW846-8260B	01/24/2012 11:41	01/26/2012 02:03	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.82	11	2	EPA SW846-8260B	01/24/2012 11:41	01/26/2012 02:03	SS
67-66-3	Chloroform	ND		ug/kg dry	0.85	11	2	EPA SW846-8260B	01/24/2012 11:41	01/26/2012 02:03	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	11	2	EPA SW846-8260B	01/24/2012 11:41	01/26/2012 02:03	SS

### Sample Information

**Client Sample ID:** SP-5 (6'-8')

**York Sample ID:** 12A0687-02

York Project (SDG) No.  
12A0687

Client Project ID  
#110171 1309 38th Street Brooklyn, NY

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01/20/2012

**Volatile Organics, NYSDEC Part 375 List**

**Log-in Notes:**

**Sample Notes: HT-01**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.82	11	2	EPA SW846-8260B	01/24/2012 11:41	01/26/2012 02:03	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	0.89	11	2	EPA SW846-8260B	01/24/2012 11:41	01/26/2012 02:03	SS
75-09-2	<b>Methylene chloride</b>	<b>9.2</b>	J, B	ug/kg dry	2.5	22	2	EPA SW846-8260B	01/24/2012 11:41	01/26/2012 02:03	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	0.75	11	2	EPA SW846-8260B	01/24/2012 11:41	01/26/2012 02:03	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	01/24/2012 11:41	01/26/2012 02:03	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	01/24/2012 11:41	01/26/2012 02:03	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	1.3	22	2	EPA SW846-8260B	01/24/2012 11:41	01/26/2012 02:03	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	01/24/2012 11:41	01/26/2012 02:03	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	01/24/2012 11:41	01/26/2012 02:03	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	01/24/2012 11:41	01/26/2012 02:03	SS
108-88-3	Toluene	ND		ug/kg dry	0.54	11	2	EPA SW846-8260B	01/24/2012 11:41	01/26/2012 02:03	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	01/24/2012 11:41	01/26/2012 02:03	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	01/24/2012 11:41	01/26/2012 02:03	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	11	2	EPA SW846-8260B	01/24/2012 11:41	01/26/2012 02:03	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.5	33	2	EPA SW846-8260B	01/24/2012 11:41	01/26/2012 02:03	SS

**Semi-Volatiles, NYSDEC Part 375 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/kg dry	669	1820	10	EPA SW-846 8270C	01/24/2012 07:23	01/25/2012 16:20	TD
100-01-6	3- & 4-Methylphenols	ND		ug/kg dry	818	1820	10	EPA SW-846 8270C	01/24/2012 07:23	01/25/2012 16:20	TD
83-32-9	Acenaphthene	ND		ug/kg dry	1050	1820	10	EPA SW-846 8270C	01/24/2012 07:23	01/25/2012 16:20	TD
208-96-8	Acenaphthylene	ND		ug/kg dry	509	1820	10	EPA SW-846 8270C	01/24/2012 07:23	01/25/2012 16:20	TD
120-12-7	Anthracene	ND		ug/kg dry	451	1820	10	EPA SW-846 8270C	01/24/2012 07:23	01/25/2012 16:20	TD
56-55-3	<b>Benzo(a)anthracene</b>	<b>956</b>	J	ug/kg dry	703	1820	10	EPA SW-846 8270C	01/24/2012 07:23	01/25/2012 16:20	TD
50-32-8	<b>Benzo(a)pyrene</b>	<b>821</b>	J	ug/kg dry	474	1820	10	EPA SW-846 8270C	01/24/2012 07:23	01/25/2012 16:20	TD
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	692	1820	10	EPA SW-846 8270C	01/24/2012 07:23	01/25/2012 16:20	TD
191-24-2	<b>Benzo(g,h,i)perylene</b>	<b>582</b>	J	ug/kg dry	546	1820	10	EPA SW-846 8270C	01/24/2012 07:23	01/25/2012 16:20	TD
207-08-9	<b>Benzo(k)fluoranthene</b>	<b>709</b>	J	ug/kg dry	704	1820	10	EPA SW-846 8270C	01/24/2012 07:23	01/25/2012 16:20	TD
218-01-9	<b>Chrysene</b>	<b>945</b>	J	ug/kg dry	732	1820	10	EPA SW-846 8270C	01/24/2012 07:23	01/25/2012 16:20	TD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	459	1820	10	EPA SW-846 8270C	01/24/2012 07:23	01/25/2012 16:20	TD
132-64-9	Dibenzofuran	ND		ug/kg dry	587	1820	10	EPA SW-846 8270C	01/24/2012 07:23	01/25/2012 16:20	TD
206-44-0	<b>Fluoranthene</b>	<b>1750</b>	J	ug/kg dry	1050	1820	10	EPA SW-846 8270C	01/24/2012 07:23	01/25/2012 16:20	TD
86-73-7	Fluorene	ND		ug/kg dry	509	1820	10	EPA SW-846 8270C	01/24/2012 07:23	01/25/2012 16:20	TD
118-74-1	Hexachlorobenzene	ND		ug/kg dry	296	1820	10	EPA SW-846 8270C	01/24/2012 07:23	01/25/2012 16:20	TD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	670	1820	10	EPA SW-846 8270C	01/24/2012 07:23	01/25/2012 16:20	TD

**Sample Information**

**Client Sample ID:** SP-5 (6'-8')

**York Sample ID:** 12A0687-02

York Project (SDG) No.  
12A0687

Client Project ID  
#110171 1309 38th Street Brooklyn, NY

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**Semi-Volatiles, NYSDEC Part 375 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/kg dry	543	1820	10	EPA SW-846 8270C	01/24/2012 07:23	01/25/2012 16:20	TD
87-86-5	Pentachlorophenol	ND		ug/kg dry	509	1820	10	EPA SW-846 8270C	01/24/2012 07:23	01/25/2012 16:20	TD
85-01-8	<b>Phenanthrene</b>	<b>1720</b>	J	ug/kg dry	671	1820	10	EPA SW-846 8270C	01/24/2012 07:23	01/25/2012 16:20	TD
108-95-2	Phenol	ND		ug/kg dry	727	1820	10	EPA SW-846 8270C	01/24/2012 07:23	01/25/2012 16:20	TD
129-00-0	<b>Pyrene</b>	<b>1700</b>	J	ug/kg dry	652	1820	10	EPA SW-846 8270C	01/24/2012 07:23	01/25/2012 16:20	TD

**Pesticides, NYSDEC Part 375 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.47	3.30	10	EPA SW 846-8081	01/20/2012 17:01	01/24/2012 16:43	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.89	3.30	10	EPA SW 846-8081	01/20/2012 17:01	01/24/2012 16:43	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.48	3.30	10	EPA SW 846-8081	01/20/2012 17:01	01/24/2012 16:43	JW
309-00-2	Aldrin	ND		ug/kg dry	2.11	3.30	10	EPA SW 846-8081	01/20/2012 17:01	01/24/2012 16:43	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.49	3.30	10	EPA SW 846-8081	01/20/2012 17:01	01/24/2012 16:43	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.86	3.30	10	EPA SW 846-8081	01/20/2012 17:01	01/24/2012 16:43	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.08	3.30	10	EPA SW 846-8081	01/20/2012 17:01	01/24/2012 16:43	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.80	3.30	10	EPA SW 846-8081	01/20/2012 17:01	01/24/2012 16:43	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.95	3.30	10	EPA SW 846-8081	01/20/2012 17:01	01/24/2012 16:43	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.60	3.30	10	EPA SW 846-8081	01/20/2012 17:01	01/24/2012 16:43	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.02	3.30	10	EPA SW 846-8081	01/20/2012 17:01	01/24/2012 16:43	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.69	3.30	10	EPA SW 846-8081	01/20/2012 17:01	01/24/2012 16:43	JW
72-20-8	Endrin	ND		ug/kg dry	2.00	3.30	10	EPA SW 846-8081	01/20/2012 17:01	01/24/2012 16:43	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.29	3.30	10	EPA SW 846-8081	01/20/2012 17:01	01/24/2012 16:43	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.63	3.30	10	EPA SW 846-8081	01/20/2012 17:01	01/24/2012 16:43	JW

**Sample Information**

**Client Sample ID:** SP-5 (6'-8')

**York Sample ID:** 12A0687-02

York Project (SDG) No.  
12A0687

Client Project ID  
#110171 1309 38th Street Brooklyn, NY

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Collection Date/Time  
January 11, 2012 3:00 pm

Date Received  
01/20/2012

**Polychlorinated Biphenyls (PCB)**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	<b>Aroclor 1016</b>	<b>0.0536</b>		mg/kg dry	0.00861	0.0185	1	EPA SW 846-8082	01/23/2012 12:55	01/24/2012 13:06	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.00861	0.0185	1	EPA SW 846-8082	01/23/2012 12:55	01/24/2012 13:06	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.00861	0.0185	1	EPA SW 846-8082	01/23/2012 12:55	01/24/2012 13:06	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.00861	0.0185	1	EPA SW 846-8082	01/23/2012 12:55	01/24/2012 13:06	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.00861	0.0185	1	EPA SW 846-8082	01/23/2012 12:55	01/24/2012 13:06	JW
11097-69-1	<b>Aroclor 1254</b>	<b>0.0431</b>		mg/kg dry	0.00741	0.0185	1	EPA SW 846-8082	01/23/2012 12:55	01/24/2012 13:06	JW
11096-82-5	<b>Aroclor 1260</b>	<b>0.0825</b>		mg/kg dry	0.00741	0.0185	1	EPA SW 846-8082	01/23/2012 12:55	01/24/2012 13:06	JW
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.00741	0.0185	1	EPA SW 846-8082	01/23/2012 12:55	01/24/2012 13:06	JW
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.00741	0.0185	1	EPA SW 846-8082	01/23/2012 12:55	01/24/2012 13:06	JW
1336-36-3	<b>Total PCBs</b>	<b>0.179</b>		mg/kg dry	0.00741	0.0185	1	EPA SW 846-8082	01/23/2012 12:55	01/24/2012 13:06	JW

**Metals, Target Analyte**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	<b>Aluminum</b>	<b>9810</b>		mg/kg dry	1.37	2.18	1	EPA SW846-6010B	01/23/2012 16:01	01/23/2012 20:21	MW
7440-36-0	Antimony	ND		mg/kg dry	0.153	0.545	1	EPA SW846-6010B	01/23/2012 16:01	01/23/2012 20:21	MW
7440-38-2	<b>Arsenic</b>	<b>4.83</b>		mg/kg dry	0.207	0.545	1	EPA SW846-6010B	01/23/2012 16:01	01/23/2012 20:21	MW
7440-39-3	<b>Barium</b>	<b>140</b>		mg/kg dry	0.262	0.545	1	EPA SW846-6010B	01/23/2012 16:01	01/23/2012 20:21	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.009	0.109	1	EPA SW846-6010B	01/23/2012 16:01	01/23/2012 20:21	MW
7440-43-9	<b>Cadmium</b>	<b>4.83</b>		mg/kg dry	0.142	0.545	1	EPA SW846-6010B	01/23/2012 16:01	01/23/2012 20:21	MW
7440-70-2	<b>Calcium</b>	<b>2230</b>		mg/kg dry	0.047	2.18	1	EPA SW846-6010B	01/23/2012 16:01	01/23/2012 20:21	MW
7440-47-3	<b>Chromium</b>	<b>16.2</b>		mg/kg dry	0.087	0.545	1	EPA SW846-6010B	01/23/2012 16:01	01/23/2012 20:21	MW
7440-48-4	<b>Cobalt</b>	<b>10.8</b>		mg/kg dry	0.087	0.545	1	EPA SW846-6010B	01/23/2012 16:01	01/23/2012 20:21	MW
7440-50-8	<b>Copper</b>	<b>60.3</b>		mg/kg dry	0.153	0.545	1	EPA SW846-6010B	01/23/2012 16:01	01/23/2012 20:21	MW
7439-89-6	<b>Iron</b>	<b>21900</b>		mg/kg dry	0.600	1.09	1	EPA SW846-6010B	01/23/2012 16:01	01/23/2012 20:21	MW
7439-92-1	<b>Lead</b>	<b>213</b>		mg/kg dry	0.109	0.327	1	EPA SW846-6010B	01/23/2012 16:01	01/23/2012 20:21	MW
7439-95-4	<b>Magnesium</b>	<b>3740</b>		mg/kg dry	0.894	2.18	1	EPA SW846-6010B	01/23/2012 16:01	01/23/2012 20:21	MW
7439-96-5	<b>Manganese</b>	<b>919</b>		mg/kg dry	0.087	1.09	1	EPA SW846-6010B	01/23/2012 16:01	01/23/2012 20:21	MW
7440-02-0	<b>Nickel</b>	<b>51.1</b>		mg/kg dry	0.076	0.545	1	EPA SW846-6010B	01/23/2012 16:01	01/23/2012 20:21	MW
7440-09-7	<b>Potassium</b>	<b>894</b>		mg/kg dry	2.97	10.9	1	EPA SW846-6010B	01/23/2012 16:01	01/23/2012 20:21	MW
7782-49-2	<b>Selenium</b>	<b>1.27</b>		mg/kg dry	0.230	0.545	1	EPA SW846-6010B	01/23/2012 16:01	01/23/2012 20:21	MW
7440-22-4	Silver	ND		mg/kg dry	0.098	0.545	1	EPA SW846-6010B	01/23/2012 16:01	01/23/2012 20:21	MW
7440-23-5	<b>Sodium</b>	<b>123</b>		mg/kg dry	7.33	10.9	1	EPA SW846-6010B	01/23/2012 16:01	01/23/2012 20:21	MW
7440-28-0	Thallium	ND		mg/kg dry	0.207	0.545	1	EPA SW846-6010B	01/23/2012 16:01	01/23/2012 20:21	MW
7440-62-2	<b>Vanadium</b>	<b>26.1</b>		mg/kg dry	0.087	0.545	1	EPA SW846-6010B	01/23/2012 16:01	01/23/2012 20:21	MW
7440-66-6	<b>Zinc</b>	<b>173</b>		mg/kg dry	0.076	0.545	1	EPA SW846-6010B	01/23/2012 16:01	01/23/2012 20:21	MW

## Sample Information

**Client Sample ID:** SP-5 (6'-8')

**York Sample ID:** 12A0687-02

York Project (SDG) No.  
12A0687

Client Project ID  
#110171 1309 38th Street Brooklyn, NY

Matrix  
Soil

Collection Date/Time  
January 11, 2012 3:00 pm

Date Received  
01/20/2012

**Mercury by 7470/7471**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.106	0.109	1	EPA SW846-7471	01/25/2012 12:45	01/25/2012 12:45	AA

**Total Solids**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	91.7		%	0.100	0.100	1	SM 2540G	01/24/2012 14:37	01/24/2012 14:37	JCC

**Chromium, Hexavalent**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.382	0.545	1	SW846-7196A	01/25/2012 12:08	01/25/2012 12:08	AD

**Chromium, Trivalent**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	Chromium, Trivalent	16.2		mg/kg	0.250	0.500	1	CALCULATION	01/25/2012 12:41	01/25/2012 12:42	AA

## Sample Information

**Client Sample ID:** MW-3

**York Sample ID:** 12A0687-03

York Project (SDG) No.  
12A0687

Client Project ID  
#110171 1309 38th Street Brooklyn, NY

Matrix  
Water

Collection Date/Time  
January 19, 2012 3:00 pm

Date Received  
01/20/2012

**Volatile Organics, NYSDEC Part 375 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	01/24/2012 17:05	01/25/2012 01:36	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	01/24/2012 17:05	01/25/2012 01:36	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	01/24/2012 17:05	01/25/2012 01:36	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	01/24/2012 17:05	01/25/2012 01:36	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	01/24/2012 17:05	01/25/2012 01:36	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	01/24/2012 17:05	01/25/2012 01:36	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	01/24/2012 17:05	01/25/2012 01:36	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	01/24/2012 17:05	01/25/2012 01:36	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	01/24/2012 17:05	01/25/2012 01:36	SS
123-91-1	1,4-Dioxane	ND		ug/L	4.1	40	1	EPA SW846-8260B	01/24/2012 17:05	01/25/2012 01:36	SS
78-93-3	2-Butanone	0.71	J	ug/L	0.43	2.0	1	EPA SW846-8260B	01/24/2012 17:05	01/25/2012 01:36	SS
67-64-1	Acetone	3.2		ug/L	1.1	2.0	1	EPA SW846-8260B	01/24/2012 17:05	01/25/2012 01:36	SS

**Sample Information**

**Client Sample ID:** MW-3

**York Sample ID:** 12A0687-03

York Project (SDG) No.  
12A0687

Client Project ID  
#110171 1309 38th Street Brooklyn, NY

Matrix  
Water

Collection Date/Time  
January 19, 2012 3:00 pm

Date Received  
01/20/2012

**Volatile Organics, NYSDEC Part 375 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	01/24/2012 17:05	01/25/2012 01:36	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	01/24/2012 17:05	01/25/2012 01:36	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	01/24/2012 17:05	01/25/2012 01:36	SS
67-66-3	<b>Chloroform</b>	<b>4.0</b>		ug/L	0.051	0.50	1	EPA SW846-8260B	01/24/2012 17:05	01/25/2012 01:36	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	01/24/2012 17:05	01/25/2012 01:36	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	01/24/2012 17:05	01/25/2012 01:36	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	01/24/2012 17:05	01/25/2012 01:36	SS
75-09-2	<b>Methylene chloride</b>	<b>0.49</b>	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	01/24/2012 17:05	01/25/2012 01:36	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	01/24/2012 17:05	01/25/2012 01:36	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	01/24/2012 17:05	01/25/2012 01:36	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	01/24/2012 17:05	01/25/2012 01:36	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	01/24/2012 17:05	01/25/2012 01:36	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	01/24/2012 17:05	01/25/2012 01:36	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	01/24/2012 17:05	01/25/2012 01:36	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	01/24/2012 17:05	01/25/2012 01:36	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	01/24/2012 17:05	01/25/2012 01:36	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	01/24/2012 17:05	01/25/2012 01:36	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	01/24/2012 17:05	01/25/2012 01:36	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	01/24/2012 17:05	01/25/2012 01:36	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	01/24/2012 17:05	01/25/2012 01:36	SS

**Semi-Volatiles, NYSDEC Part 375 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/L	1.01	5.88	1	EPA SW-846 8270C	01/24/2012 07:26	01/25/2012 16:51	TD
100-01-6	3- & 4-Methylphenols	ND		ug/L	4.37	5.88	1	EPA SW-846 8270C	01/24/2012 07:26	01/25/2012 16:51	TD
83-32-9	Acenaphthene	ND		ug/L	0.0381	0.0588	1	EPA SW-846 8270C	01/24/2012 07:26	01/25/2012 16:51	TD
208-96-8	Acenaphthylene	ND		ug/L	0.0503	0.0588	1	EPA SW-846 8270C	01/24/2012 07:26	01/25/2012 16:51	TD
120-12-7	Anthracene	ND		ug/L	0.0541	0.0588	1	EPA SW-846 8270C	01/24/2012 07:26	01/25/2012 16:51	TD
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0478	0.0588	1	EPA SW-846 8270C	01/24/2012 07:26	01/25/2012 16:51	TD
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0570	0.0588	1	EPA SW-846 8270C	01/24/2012 07:26	01/25/2012 16:51	TD
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0485	0.0588	1	EPA SW-846 8270C	01/24/2012 07:26	01/25/2012 16:51	TD
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0488	0.0588	1	EPA SW-846 8270C	01/24/2012 07:26	01/25/2012 16:51	TD
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0407	0.0588	1	EPA SW-846 8270C	01/24/2012 07:26	01/25/2012 16:51	TD
218-01-9	Chrysene	ND		ug/L	0.0489	0.0588	1	EPA SW-846 8270C	01/24/2012 07:26	01/25/2012 16:51	TD

**Sample Information**

**Client Sample ID:** MW-3

**York Sample ID:** 12A0687-03

York Project (SDG) No.  
12A0687

Client Project ID  
#110171 1309 38th Street Brooklyn, NY

Matrix  
Water

Collection Date/Time  
January 19, 2012 3:00 pm

Date Received  
01/20/2012

**Semi-Volatiles, NYSDEC Part 375 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0365	0.0588	1	EPA SW-846 8270C	01/24/2012 07:26	01/25/2012 16:51	TD
132-64-9	Dibenzofuran	ND		ug/L	3.41	5.88	1	EPA SW-846 8270C	01/24/2012 07:26	01/25/2012 16:51	TD
206-44-0	Fluoranthene	ND		ug/L	0.0188	0.0588	1	EPA SW-846 8270C	01/24/2012 07:26	01/25/2012 16:51	TD
86-73-7	<b>Fluorene</b>	<b>0.588</b>		ug/L	0.0380	0.0588	1	EPA SW-846 8270C	01/24/2012 07:26	01/25/2012 16:51	TD
118-74-1	Hexachlorobenzene	ND		ug/L	0.0348	0.0588	1	EPA SW-846 8270C	01/24/2012 07:26	01/25/2012 16:51	TD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0323	0.0588	1	EPA SW-846 8270C	01/24/2012 07:26	01/25/2012 16:51	TD
91-20-3	Naphthalene	ND		ug/L	4.54	5.88	1	EPA SW-846 8270C	01/24/2012 07:26	01/25/2012 16:51	TD
87-86-5	Pentachlorophenol	ND		ug/L	0.443	0.588	1	EPA SW-846 8270C	01/24/2012 07:26	01/25/2012 16:51	TD
85-01-8	Phenanthrene	ND		ug/L	0.0426	0.0588	1	EPA SW-846 8270C	01/24/2012 07:26	01/25/2012 16:51	TD
108-95-2	Phenol	ND		ug/L	3.85	5.88	1	EPA SW-846 8270C	01/24/2012 07:26	01/25/2012 16:51	TD
129-00-0	Pyrene	ND		ug/L	0.0282	0.0588	1	EPA SW-846 8270C	01/24/2012 07:26	01/25/2012 16:51	TD

**Pesticides, NYSDEC Part 375 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00112	0.00118	1	EPA SW 846-8081	01/25/2012 07:50	01/25/2012 15:37	JW
72-55-9	4,4'-DDE	ND		ug/L	0.00118	0.00118	1	EPA SW 846-8081	01/25/2012 07:50	01/25/2012 15:37	JW
50-29-3	4,4'-DDT	ND		ug/L	0.000988	0.00118	1	EPA SW 846-8081	01/25/2012 07:50	01/25/2012 15:37	JW
309-00-2	Aldrin	ND		ug/L	0.00102	0.00118	1	EPA SW 846-8081	01/25/2012 07:50	01/25/2012 15:37	JW
319-84-6	alpha-BHC	ND		ug/L	0.00113	0.00118	1	EPA SW 846-8081	01/25/2012 07:50	01/25/2012 15:37	JW
5103-71-9	alpha-Chlordane	ND		ug/L	0.000776	0.00118	1	EPA SW 846-8081	01/25/2012 07:50	01/25/2012 15:37	JW
319-85-7	beta-BHC	ND		ug/L	0.000929	0.00118	1	EPA SW 846-8081	01/25/2012 07:50	01/25/2012 15:37	JW
319-86-8	delta-BHC	ND		ug/L	0.00113	0.00118	1	EPA SW 846-8081	01/25/2012 07:50	01/25/2012 15:37	JW
60-57-1	<b>Dieldrin</b>	<b>0.00359</b>		ug/L	0.000835	0.00118	1	EPA SW 846-8081	01/25/2012 07:50	01/25/2012 15:37	JW
959-98-8	Endosulfan I	ND		ug/L	0.000929	0.00118	1	EPA SW 846-8081	01/25/2012 07:50	01/25/2012 15:37	JW
33213-65-9	Endosulfan II	ND		ug/L	0.000988	0.00118	1	EPA SW 846-8081	01/25/2012 07:50	01/25/2012 15:37	JW
1031-07-8	Endosulfan sulfate	ND		ug/L	0.0112	0.0118	1	EPA SW 846-8081	01/25/2012 07:50	01/25/2012 15:37	JW
72-20-8	Endrin	ND		ug/L	0.00111	0.00118	1	EPA SW 846-8081	01/25/2012 07:50	01/25/2012 15:37	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00113	0.00118	1	EPA SW 846-8081	01/25/2012 07:50	01/25/2012 15:37	JW
76-44-8	Heptachlor	ND		ug/L	0.00112	0.00118	1	EPA SW 846-8081	01/25/2012 07:50	01/25/2012 15:37	JW

## Sample Information

**Client Sample ID:** MW-3

**York Sample ID:** 12A0687-03

York Project (SDG) No.  
12A0687

Client Project ID  
#110171 1309 38th Street Brooklyn, NY

Matrix  
Water

Collection Date/Time  
January 19, 2012 3:00 pm

Date Received  
01/20/2012

**Polychlorinated Biphenyls (PCB)**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0427	0.0588	1	EPA SW 846-8082	01/25/2012 07:50	01/25/2012 18:39	JW
11104-28-2	Aroclor 1221	ND		ug/L	0.0427	0.0588	1	EPA SW 846-8082	01/25/2012 07:50	01/25/2012 18:39	JW
11141-16-5	Aroclor 1232	ND		ug/L	0.0427	0.0588	1	EPA SW 846-8082	01/25/2012 07:50	01/25/2012 18:39	JW
53469-21-9	Aroclor 1242	ND		ug/L	0.0427	0.0588	1	EPA SW 846-8082	01/25/2012 07:50	01/25/2012 18:39	JW
12672-29-6	Aroclor 1248	ND		ug/L	0.0427	0.0588	1	EPA SW 846-8082	01/25/2012 07:50	01/25/2012 18:39	JW
11097-69-1	Aroclor 1254	ND		ug/L	0.0496	0.0588	1	EPA SW 846-8082	01/25/2012 07:50	01/25/2012 18:39	JW
11096-82-5	Aroclor 1260	ND		ug/L	0.0496	0.0588	1	EPA SW 846-8082	01/25/2012 07:50	01/25/2012 18:39	JW
37324-23-5	Aroclor 1262	ND		ug/L	0.0496	0.0588	1	EPA SW 846-8082	01/25/2012 07:50	01/25/2012 18:39	JW
11100-14-4	Aroclor 1268	ND		ug/L	0.0496	0.0588	1	EPA SW 846-8082	01/25/2012 07:50	01/25/2012 18:39	JW
1336-36-3	Total PCBs	ND		ug/L	0.0427	0.0588	1	EPA SW 846-8082	01/25/2012 07:50	01/25/2012 18:39	JW

**Metals, Dissolved - Target Analyte (TAL)**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.007	0.010	1	EPA SW846-6010B	01/23/2012 16:05	01/23/2012 21:44	MW
7440-36-0	Antimony	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	01/23/2012 16:05	01/23/2012 21:44	MW
7440-38-2	Arsenic	ND		mg/L	0.001	0.010	1	EPA SW846-6010B	01/23/2012 16:05	01/23/2012 21:44	MW
7440-39-3	<b>Barium</b>	<b>0.107</b>		mg/L	0.004	0.010	1	EPA SW846-6010B	01/23/2012 16:05	01/23/2012 21:44	MW
7440-41-7	Beryllium	ND		mg/L	0.0009	0.001	1	EPA SW846-6010B	01/23/2012 16:05	01/23/2012 21:44	MW
7440-43-9	Cadmium	ND		mg/L	0.001	0.003	1	EPA SW846-6010B	01/23/2012 16:05	01/23/2012 21:44	MW
7440-70-2	<b>Calcium</b>	<b>81.0</b>		mg/L	0.009	0.020	1	EPA SW846-6010B	01/23/2012 16:05	01/23/2012 21:44	MW
7440-47-3	Chromium	ND		mg/L	0.0009	0.005	1	EPA SW846-6010B	01/23/2012 16:05	01/23/2012 21:44	MW
7440-48-4	Cobalt	ND		mg/L	0.001	0.005	1	EPA SW846-6010B	01/23/2012 16:05	01/23/2012 21:44	MW
7440-50-8	Copper	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	01/23/2012 16:05	01/23/2012 21:44	MW
7439-89-6	Iron	ND		mg/L	0.006	0.010	1	EPA SW846-6010B	01/23/2012 16:05	01/23/2012 21:44	MW
7439-92-1	Lead	ND		mg/L	0.001	0.003	1	EPA SW846-6010B	01/23/2012 16:05	01/23/2012 21:44	MW
7439-95-4	<b>Magnesium</b>	<b>50.6</b>		mg/L	0.008	0.020	1	EPA SW846-6010B	01/23/2012 16:05	01/23/2012 21:44	MW
7439-96-5	<b>Manganese</b>	<b>0.859</b>		mg/L	0.001	0.005	1	EPA SW846-6010B	01/23/2012 16:05	01/23/2012 21:44	MW
7440-02-0	<b>Nickel</b>	<b>0.034</b>		mg/L	0.0008	0.005	1	EPA SW846-6010B	01/23/2012 16:05	01/23/2012 21:44	MW
7440-09-7	<b>Potassium</b>	<b>9.45</b>		mg/L	0.026	0.050	1	EPA SW846-6010B	01/23/2012 16:05	01/23/2012 21:44	MW
7782-49-2	Selenium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B	01/23/2012 16:05	01/23/2012 21:44	MW
7440-22-4	Silver	ND		mg/L	0.001	0.005	1	EPA SW846-6010B	01/23/2012 16:05	01/23/2012 21:44	MW
7440-23-5	<b>Sodium</b>	<b>56.4</b>		mg/L	0.066	0.100	1	EPA SW846-6010B	01/23/2012 16:05	01/23/2012 21:44	MW
7440-28-0	Thallium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B	01/23/2012 16:05	01/23/2012 21:44	MW
7440-62-2	Vanadium	ND		mg/L	0.001	0.010	1	EPA SW846-6010B	01/23/2012 16:05	01/23/2012 21:44	MW
7440-66-6	Zinc	ND		mg/L	0.0009	0.020	1	EPA SW846-6010B	01/23/2012 16:05	01/23/2012 21:44	MW

**Sample Information**

**Client Sample ID:** MW-3

**York Sample ID:** 12A0687-03

York Project (SDG) No.  
12A0687

Client Project ID  
#110171 1309 38th Street Brooklyn, NY

Matrix  
Water

Collection Date/Time  
January 19, 2012 3:00 pm

Date Received  
01/20/2012

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	305		mg/L	0.007	0.010	1	EPA SW846-6010B	01/23/2012 16:05	01/23/2012 21:49	MW
7440-36-0	Antimony	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	01/23/2012 16:05	01/23/2012 21:49	MW
7440-38-2	Arsenic	0.260		mg/L	0.001	0.010	1	EPA SW846-6010B	01/23/2012 16:05	01/23/2012 21:49	MW
7440-39-3	Barium	4.73		mg/L	0.004	0.010	1	EPA SW846-6010B	01/23/2012 16:05	01/23/2012 21:49	MW
7440-41-7	Beryllium	ND		mg/L	0.0009	0.001	1	EPA SW846-6010B	01/23/2012 16:05	01/23/2012 21:49	MW
7440-43-9	Cadmium	0.041		mg/L	0.001	0.003	1	EPA SW846-6010B	01/23/2012 16:05	01/23/2012 21:49	MW
7440-70-2	Calcium	343		mg/L	0.009	0.020	1	EPA SW846-6010B	01/23/2012 16:05	01/23/2012 21:49	MW
7440-47-3	Chromium	0.726		mg/L	0.0009	0.005	1	EPA SW846-6010B	01/23/2012 16:05	01/23/2012 21:49	MW
7440-48-4	Cobalt	1.13		mg/L	0.001	0.005	1	EPA SW846-6010B	01/23/2012 16:05	01/23/2012 21:49	MW
7440-50-8	Copper	2.15		mg/L	0.002	0.005	1	EPA SW846-6010B	01/23/2012 16:05	01/23/2012 21:49	MW
7439-89-6	Iron	764		mg/L	0.006	0.010	1	EPA SW846-6010B	01/23/2012 16:05	01/23/2012 21:49	MW
7439-92-1	Lead	2.61		mg/L	0.001	0.003	1	EPA SW846-6010B	01/23/2012 16:05	01/23/2012 21:49	MW
7439-95-4	Magnesium	544		mg/L	0.008	0.020	1	EPA SW846-6010B	01/23/2012 16:05	01/23/2012 21:49	MW
7439-96-5	Manganese	38.7		mg/L	0.001	0.005	1	EPA SW846-6010B	01/23/2012 16:05	01/23/2012 21:49	MW
7440-02-0	Nickel	6.15		mg/L	0.0008	0.005	1	EPA SW846-6010B	01/23/2012 16:05	01/23/2012 21:49	MW
7440-09-7	Potassium	102		mg/L	0.026	0.050	1	EPA SW846-6010B	01/23/2012 16:05	01/23/2012 21:49	MW
7782-49-2	Selenium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B	01/23/2012 16:05	01/23/2012 21:49	MW
7440-22-4	Silver	ND		mg/L	0.001	0.005	1	EPA SW846-6010B	01/23/2012 16:05	01/23/2012 21:49	MW
7440-23-5	Sodium	74.4		mg/L	0.066	0.100	1	EPA SW846-6010B	01/23/2012 16:05	01/23/2012 21:49	MW
7440-28-0	Thallium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B	01/23/2012 16:05	01/23/2012 21:49	MW
7440-62-2	Vanadium	0.853		mg/L	0.001	0.010	1	EPA SW846-6010B	01/23/2012 16:05	01/23/2012 21:49	MW
7440-66-6	Zinc	4.61		mg/L	0.0009	0.020	1	EPA SW846-6010B	01/23/2012 16:05	01/23/2012 21:49	MW

**Mercury by 7470/7471**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0004		mg/L	0.00004	0.0002	1	EPA SW846-7470	01/25/2012 16:13	01/25/2012 16:13	AA

**Mercury, Dissolved**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.0002000	1	EPA SW846-7470	01/25/2012 16:15	01/25/2012 16:15	AA

## Sample Information

**Client Sample ID:** MW-3

**York Sample ID:** 12A0687-03

York Project (SDG) No.  
12A0687

Client Project ID  
#110171 1309 38th Street Brooklyn, NY

Matrix  
Water

Collection Date/Time  
January 19, 2012 3:00 pm

Date Received  
01/20/2012

**Chromium, Hexavalent**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	HT-02	mg/L	0.00600	0.0100	1	SW846-7196A	01/20/2012 17:05	01/20/2012 17:05	AD

**Chromium, Trivalent**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: \*\*\* DEFAULT PREP \*\*\*

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	Chromium, Trivalent	ND	HT-02	mg/L	0.00800	0.0100	1	CALCULATION	01/26/2012 14:03	01/26/2012 14:03	AD

**Notes and Definitions**

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S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
S-01	The surrogate recovery for this sample may not be available due to sample dilution required from high analyte concentration and/or matrix interferences.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-01	The spike recovery for this QC sample is outside of established control limits due to sample matrix interference.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.
HT-02	This sample was received outside the EPA recommended holding time.
HT-01	This result was reported from an analysis conducted outside of the EPA recommended holding time.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

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

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

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Corrective Action:

# Field Chain-of-Custody Record

York Project No. 12A0687

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

<b>YOUR Information</b> Company: <u>Hydro Tech Env. Corp.</u> Address: <u>15 Ocean Avenue,</u> <u>2nd Floor, Brooklyn, NY</u> Phone No. <u>718-636-0800</u> Contact Person: <u>Ejgi Karayel</u> E-Mail Address: <u>ekarayel@hcte.com</u>		<b>Report To:</b> Company: <u>    </u> Address: <u>    </u> Phone No. <u>    </u> Attention: <u>    </u> E-Mail Address: <u>    </u>		<b>Invoice To:</b> Company: <u>    </u> Address: <u>77 Arley Drive,</u> <u>Suite: G, Hauppauge, NY</u> Phone No. <u>631-462-5866</u> Attention: <u>Muslima Ward</u> E-Mail Address: <u>mward@hctecorp.nyc</u>		<b>YOUR Project ID</b> <u>#10177</u> <u>1309 37th Street</u> <u>Brooklyn, NY</u> <b>Purchase Order No.</b> <u>4943</u> Samples from: CT <u>    </u> NY <u>X</u> NJ <u>    </u>		<b>Turn-Around Time</b> RUSH - Same Day <input type="checkbox"/> RUSH - Next Day <input type="checkbox"/> RUSH - Two Day <input type="checkbox"/> RUSH - Three Day <input type="checkbox"/> RUSH - Four Day <input type="checkbox"/> Standard (5-7 Days) <input checked="" type="checkbox"/>		<b>Report Type/Deliverables</b> Summary Report <input type="checkbox"/> Summary w/ QA Summary <input type="checkbox"/> CT RCP Package <input type="checkbox"/> NY ASP A Package <input type="checkbox"/> NY ASP B Package <input type="checkbox"/> Electronic Deliverables: <input checked="" type="checkbox"/> EDD (Specify Type) <input checked="" type="checkbox"/>	
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**Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.**

<b>Volatiles</b> 8260 full 624 STARS list BTEX MTBE TCL list TAGM list CT RCP list Arom. only Halog. only App. IX list 8021B list	<b>Semi-Vols. Pests/Biotech</b> 8270 or 625 STARS list BN Only Acids Only PAH list TAGM list CT RCP list TCL list NDEP list App. IX TCLP BNA SPLP or TCLP	<b>Metals</b> RCRA8 PP13 list TAL CT15 list TAGM list NDEP list Total Dissolved SPLP or TCLP Inhib. Metals LIST Below	<b>Misc. Org.</b> TPH GRO TPH DRO CT ETPH NY 310-13 TPH 1664 Air TO14A Air TO15 Air STARS Air VPH Air TICs Methane Helium	<b>Full Lists</b> Pri. Poll. TCL Organics TAL MeCN Full TCLP Full App. IX Part 360 Acute Part 360 Chronic Part 360 Environmental Part 360 Residential NY ODEP Sewer NY SDEC Sewer TAGM	<b>Common Miscellaneous Parameters</b> Conductivity Reactivity Ignitability Flash Point Steve Anal. Heterotrophs TOX BTU/lb. Aquatic Tox. TOC Asbestos Silica	<b>Miscellaneous Parameters</b> Color Phenols Cyanide-T Cyanide-A BOD5 CBOD5 BOD28 COD Tot. Phos. Oil & Grease TSS Total Solids TDS TPH1664	<b>Special Instructions</b> Field Filled <input type="checkbox"/> Lab to Filter <input checked="" type="checkbox"/>
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<b>Choose Analyses Needed from the Menu Above and Enter Below</b>		Container Description(s)
Sample Matrix	Date Sampled	1-402, 1-802
S	01/11/12	Chromium trivalent Chromium hexavalent
S	01/11/12	Chromium Hexavalent
GW	01/19/12	3-11 OMBERS, 2-40ml vials Hexavalent 2-500 ml plastics
Comments NY SDEC Part-375 analysis are needed. Results need to be compared to unrestricted use soil cleanup objectives and restricted use soil cleanup - residential.	Preservation Check those Applicable	Temperature on Receipt 3.8 °C
4°C Frozen	HCl ZnAc	HNO <sub>3</sub> Other
MeOH Ascorbic Acid	Date/Time 1-20-12 9:10 AM	Date/Time 1-20-12 9:10 AM
Samples Relinquished By Muslima Ward	Date/Time 1/20/12-1630	Samples Received in LAB by Muslima Ward

**APPENDIX H**

**LABORATORY DELIVERABLES FOR SOIL VAPOR ANALYTICAL  
DATA**

# Technical Report

prepared for:

**Hydro Tech Environmental (Brooklyn)**  
15 Ocean Avenue  
Brooklyn NY, 11225  
**Attention: Ezgi Karayel**

Report Date: 11/16/2011  
**Client Project ID: #11071 1309 38th St, Brooklyn NY**  
York Project (SDG) No.: 11K0346

CT License No. PH-0723

New Jersey License No. CT-005



New York License No. 10854

PA License No. 68-04440

Report Date: 11/16/2011  
Client Project ID: #11071 1309 38th St, Brooklyn NY  
York Project (SDG) No.: 11K0346

**Hydro Tech Environmental (Brooklyn)**

15 Ocean Avenue  
Brooklyn NY, 11225  
Attention: Ezgi Karayel

---

**Purpose and Results**

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on November 10, 2011 and listed below. The project was identified as your project: **#11071 1309 38th St, Brooklyn NY**.

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
11K0346-01	Y-69 (SV-3)	Soil Vapor	11/09/2011	11/10/2011
11K0346-02	Y-51 (SV-2)	Soil Vapor	11/09/2011	11/10/2011
11K0346-03	Y-17 (SV-5)	Soil Vapor	11/09/2011	11/10/2011
11K0346-04	Y-84 (SV-4)	Soil Vapor	11/09/2011	11/10/2011
11K0346-05	S-24 (SV-1)	Soil Vapor	11/09/2011	11/10/2011

## **General Notes for York Project (SDG) No.: 11K0346**

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

**Approved By:**



**Date:** 11/16/2011

Robert Q. Bradley  
Executive Vice President / Laboratory Director



**Sample Information**

**Client Sample ID:** Y-69 (SV-3)

**York Sample ID:** 11K0346-01

York Project (SDG) No.  
11K0346

Client Project ID  
#11071 1309 38th St, Brooklyn NY

Matrix  
Soil Vapor

Collection Date/Time  
November 9, 2011 5:00 am

Date Received  
11/10/2011

**Volatile Organics, EPA TO15 Full List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/m <sup>3</sup>	2.5	14	25.2	EPA Compendium TO-15	11/14/2011 20:24	11/14/2011 20:24	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m <sup>3</sup>	4.2	18	25.2	EPA Compendium TO-15	11/14/2011 20:24	11/14/2011 20:24	TD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m <sup>3</sup>	1.4	20	25.2	EPA Compendium TO-15	11/14/2011 20:24	11/14/2011 20:24	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m <sup>3</sup>	3.5	14	25.2	EPA Compendium TO-15	11/14/2011 20:24	11/14/2011 20:24	TD
75-34-3	1,1-Dichloroethane	ND		ug/m <sup>3</sup>	1.2	10	25.2	EPA Compendium TO-15	11/14/2011 20:24	11/14/2011 20:24	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m <sup>3</sup>	1.5	10	25.2	EPA Compendium TO-15	11/14/2011 20:24	11/14/2011 20:24	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m <sup>3</sup>	4.2	19	25.2	EPA Compendium TO-15	11/14/2011 20:24	11/14/2011 20:24	TD
95-63-6	<b>1,2,4-Trimethylbenzene</b>	<b>540</b>		ug/m <sup>3</sup>	1.5	63	25.2	EPA Compendium TO-15	11/14/2011 20:24	11/14/2011 20:24	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m <sup>3</sup>	3.9	15	25.2	EPA Compendium TO-15	11/14/2011 20:24	11/14/2011 20:24	TD
107-06-2	1,2-Dichloroethane	ND		ug/m <sup>3</sup>	2.5	10	25.2	EPA Compendium TO-15	11/14/2011 20:24	11/14/2011 20:24	TD
78-87-5	1,2-Dichloropropane	ND		ug/m <sup>3</sup>	2.6	12	25.2	EPA Compendium TO-15	11/14/2011 20:24	11/14/2011 20:24	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m <sup>3</sup>	3.0	18	25.2	EPA Compendium TO-15	11/14/2011 20:24	11/14/2011 20:24	TD
108-67-8	<b>1,3,5-Trimethylbenzene</b>	<b>120</b>		ug/m <sup>3</sup>	1.6	25	25.2	EPA Compendium TO-15	11/14/2011 20:24	11/14/2011 20:24	TD
106-99-0	1,3-Butadiene	ND		ug/m <sup>3</sup>	1.7	11	25.2	EPA Compendium TO-15	11/14/2011 20:24	11/14/2011 20:24	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m <sup>3</sup>	2.8	15	25.2	EPA Compendium TO-15	11/14/2011 20:24	11/14/2011 20:24	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m <sup>3</sup>	3.4	15	25.2	EPA Compendium TO-15	11/14/2011 20:24	11/14/2011 20:24	TD
123-91-1	1,4-Dioxane	ND		ug/m <sup>3</sup>	8.3	92	25.2	EPA Compendium TO-15	11/14/2011 20:24	11/14/2011 20:24	TD
540-84-1	2,2,4-Trimethylpentane	ND		ug/m <sup>3</sup>	1.4	12	25.2	EPA Compendium TO-15	11/14/2011 20:24	11/14/2011 20:24	TD
78-93-3	<b>2-Butanone</b>	<b>51</b>		ug/m <sup>3</sup>	3.0	7.6	25.2	EPA Compendium TO-15	11/14/2011 20:24	11/14/2011 20:24	TD
591-78-6	2-Hexanone	ND		ug/m <sup>3</sup>	5.8	21	25.2	EPA Compendium TO-15	11/14/2011 20:24	11/14/2011 20:24	TD
107-05-1	3-Chloropropene	ND		ug/m <sup>3</sup>	1.4	80	25.2	EPA Compendium TO-15	11/14/2011 20:24	11/14/2011 20:24	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m <sup>3</sup>	3.8	10	25.2	EPA Compendium TO-15	11/14/2011 20:24	11/14/2011 20:24	TD
67-64-1	<b>Acetone</b>	<b>530</b>		ug/m <sup>3</sup>	1.9	6.1	25.2	EPA Compendium TO-15	11/14/2011 20:24	11/14/2011 20:24	TD
71-43-2	<b>Benzene</b>	<b>25</b>		ug/m <sup>3</sup>	1.2	8.2	25.2	EPA Compendium TO-15	11/14/2011 20:24	11/14/2011 20:24	TD
100-44-7	Benzyl chloride	ND		ug/m <sup>3</sup>	1.6	13	25.2	EPA Compendium TO-15	11/14/2011 20:24	11/14/2011 20:24	TD
75-27-4	Bromodichloromethane	ND		ug/m <sup>3</sup>	3.8	16	25.2	EPA Compendium TO-15	11/14/2011 20:24	11/14/2011 20:24	TD
75-25-2	Bromoform	ND		ug/m <sup>3</sup>	4.8	26	25.2	EPA Compendium TO-15	11/14/2011 20:24	11/14/2011 20:24	TD
74-83-9	Bromomethane	ND		ug/m <sup>3</sup>	1.2	10	25.2	EPA Compendium TO-15	11/14/2011 20:24	11/14/2011 20:24	TD
75-15-0	Carbon disulfide	ND		ug/m <sup>3</sup>	0.96	8.0	25.2	EPA Compendium TO-15	11/14/2011 20:24	11/14/2011 20:24	TD
56-23-5	Carbon tetrachloride	ND		ug/m <sup>3</sup>	1.9	8.1	25.2	EPA Compendium TO-15	11/14/2011 20:24	11/14/2011 20:24	TD
108-90-7	Chlorobenzene	ND		ug/m <sup>3</sup>	2.1	12	25.2	EPA Compendium TO-15	11/14/2011 20:24	11/14/2011 20:24	TD
75-00-3	Chloroethane	ND		ug/m <sup>3</sup>	0.81	6.8	25.2	EPA Compendium TO-15	11/14/2011 20:24	11/14/2011 20:24	TD
67-66-3	Chloroform	ND		ug/m <sup>3</sup>	1.9	13	25.2	EPA Compendium TO-15	11/14/2011 20:24	11/14/2011 20:24	TD
74-87-3	Chloromethane	ND		ug/m <sup>3</sup>	1.6	5.3	25.2	EPA Compendium TO-15	11/14/2011 20:24	11/14/2011 20:24	TD

### Sample Information

**Client Sample ID:** Y-69 (SV-3)

**York Sample ID:** 11K0346-01

York Project (SDG) No.  
11K0346

Client Project ID  
#11071 1309 38th St, Brooklyn NY

Matrix  
Soil Vapor

Collection Date/Time  
November 9, 2011 5:00 am

Date Received  
11/10/2011

**Volatile Organics, EPA TO15 Full List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m <sup>3</sup>	1.7	10	25.2	EPA Compendium TO-15	11/14/2011 20:24	11/14/2011 20:24	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	2.9	12	25.2	EPA Compendium TO-15	11/14/2011 20:24	11/14/2011 20:24	TD
110-82-7	Cyclohexane	ND		ug/m <sup>3</sup>	1.1	8.8	25.2	EPA Compendium TO-15	11/14/2011 20:24	11/14/2011 20:24	TD
75-71-8	Dichlorodifluoromethane	ND		ug/m <sup>3</sup>	3.2	13	25.2	EPA Compendium TO-15	11/14/2011 20:24	11/14/2011 20:24	TD
141-78-6	Ethyl acetate	ND		ug/m <sup>3</sup>	2.3	9.2	25.2	EPA Compendium TO-15	11/14/2011 20:24	11/14/2011 20:24	TD
100-41-4	<b>Ethyl Benzene</b>	<b>140</b>		ug/m <sup>3</sup>	2.0	11	25.2	EPA Compendium TO-15	11/14/2011 20:24	11/14/2011 20:24	TD
87-68-3	Hexachlorobutadiene	ND		ug/m <sup>3</sup>	4.9	27	25.2	EPA Compendium TO-15	11/14/2011 20:24	11/14/2011 20:24	TD
67-63-0	Isopropanol	ND		ug/m <sup>3</sup>	2.2	6.3	25.2	EPA Compendium TO-15	11/14/2011 20:24	11/14/2011 20:24	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m <sup>3</sup>	1.1	9.2	25.2	EPA Compendium TO-15	11/14/2011 20:24	11/14/2011 20:24	TD
75-09-2	<b>Methylene chloride</b>	<b>51</b>	B	ug/m <sup>3</sup>	2.1	8.9	25.2	EPA Compendium TO-15	11/14/2011 20:24	11/14/2011 20:24	TD
142-82-5	<b>n-Heptane</b>	<b>51</b>		ug/m <sup>3</sup>	1.3	11	25.2	EPA Compendium TO-15	11/14/2011 20:24	11/14/2011 20:24	TD
110-54-3	<b>n-Hexane</b>	<b>36</b>		ug/m <sup>3</sup>	1.1	9.0	25.2	EPA Compendium TO-15	11/14/2011 20:24	11/14/2011 20:24	TD
95-47-6	<b>o-Xylene</b>	<b>210</b>		ug/m <sup>3</sup>	2.0	11	25.2	EPA Compendium TO-15	11/14/2011 20:24	11/14/2011 20:24	TD
1330-20-7P/M	<b>p- &amp; m- Xylenes</b>	<b>610</b>		ug/m <sup>3</sup>	3.8	11	25.2	EPA Compendium TO-15	11/14/2011 20:24	11/14/2011 20:24	TD
622-96-8	<b>p-Ethyltoluene</b>	<b>370</b>		ug/m <sup>3</sup>	2.3	63	25.2	EPA Compendium TO-15	11/14/2011 20:24	11/14/2011 20:24	TD
115-07-01	Propylene	ND		ug/m <sup>3</sup>	2.0	4.4	25.2	EPA Compendium TO-15	11/14/2011 20:24	11/14/2011 20:24	TD
100-42-5	Styrene	ND		ug/m <sup>3</sup>	2.0	11	25.2	EPA Compendium TO-15	11/14/2011 20:24	11/14/2011 20:24	TD
127-18-4	Tetrachloroethylene	ND		ug/m <sup>3</sup>	2.1	17	25.2	EPA Compendium TO-15	11/14/2011 20:24	11/14/2011 20:24	TD
109-99-9	<b>Tetrahydrofuran</b>	<b>58</b>		ug/m <sup>3</sup>	1.9	7.6	25.2	EPA Compendium TO-15	11/14/2011 20:24	11/14/2011 20:24	TD
108-88-3	<b>Toluene</b>	<b>420</b>		ug/m <sup>3</sup>	2.3	9.7	25.2	EPA Compendium TO-15	11/14/2011 20:24	11/14/2011 20:24	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m <sup>3</sup>	1.2	10	25.2	EPA Compendium TO-15	11/14/2011 20:24	11/14/2011 20:24	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	2.1	12	25.2	EPA Compendium TO-15	11/14/2011 20:24	11/14/2011 20:24	TD
79-01-6	Trichloroethylene	ND		ug/m <sup>3</sup>	1.7	6.9	25.2	EPA Compendium TO-15	11/14/2011 20:24	11/14/2011 20:24	TD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m <sup>3</sup>	0.86	14	25.2	EPA Compendium TO-15	11/14/2011 20:24	11/14/2011 20:24	TD
108-05-4	Vinyl acetate	ND		ug/m <sup>3</sup>	1.4	18	25.2	EPA Compendium TO-15	11/14/2011 20:24	11/14/2011 20:24	TD
593-60-2	Vinyl bromide	ND		ug/m <sup>3</sup>	1.7	11	25.2	EPA Compendium TO-15	11/14/2011 20:24	11/14/2011 20:24	TD
75-01-4	Vinyl Chloride	ND		ug/m <sup>3</sup>	1.6	13	25.2	EPA Compendium TO-15	11/14/2011 20:24	11/14/2011 20:24	TD

**Sample Information**

**Client Sample ID:** Y-69 (SV-3)

**York Sample ID:** 11K0346-01

<u>York Project (SDG) No.</u> 11K0346	<u>Client Project ID</u> #11071 1309 38th St, Brooklyn NY	<u>Matrix</u> Soil Vapor	<u>Collection Date/Time</u> November 9, 2011 5:00 am	<u>Date Received</u> 11/10/2011
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**Helium** Log-in Notes: Sample Notes:  
Sample Prepared by Method: PREP for GASES by GC

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-59-7	Helium	0.61		%	0.50	0.50	1	GC/TCD	11/16/2011 11:30	11/16/2011 11:30	JW

**Sample Information**

**Client Sample ID:** Y-51 (SV-2)

**York Sample ID:** 11K0346-02

<u>York Project (SDG) No.</u> 11K0346	<u>Client Project ID</u> #11071 1309 38th St, Brooklyn NY	<u>Matrix</u> Soil Vapor	<u>Collection Date/Time</u> November 9, 2011 5:00 am	<u>Date Received</u> 11/10/2011
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**Volatile Organics, EPA TO15 Full List** Log-in Notes: Sample Notes:  
Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/m <sup>3</sup>	2.3	13	22.91	EPA Compendium TO-15	11/14/2011 21:12	11/14/2011 21:12	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m <sup>3</sup>	3.8	16	22.91	EPA Compendium TO-15	11/14/2011 21:12	11/14/2011 21:12	TD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m <sup>3</sup>	1.3	18	22.91	EPA Compendium TO-15	11/14/2011 21:12	11/14/2011 21:12	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m <sup>3</sup>	3.2	13	22.91	EPA Compendium TO-15	11/14/2011 21:12	11/14/2011 21:12	TD
75-34-3	1,1-Dichloroethane	ND		ug/m <sup>3</sup>	1.1	9.4	22.91	EPA Compendium TO-15	11/14/2011 21:12	11/14/2011 21:12	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m <sup>3</sup>	1.4	9.2	22.91	EPA Compendium TO-15	11/14/2011 21:12	11/14/2011 21:12	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m <sup>3</sup>	3.8	17	22.91	EPA Compendium TO-15	11/14/2011 21:12	11/14/2011 21:12	TD
95-63-6	<b>1,2,4-Trimethylbenzene</b>	<b>260</b>		ug/m <sup>3</sup>	1.4	57	22.91	EPA Compendium TO-15	11/14/2011 21:12	11/14/2011 21:12	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m <sup>3</sup>	3.5	14	22.91	EPA Compendium TO-15	11/14/2011 21:12	11/14/2011 21:12	TD
107-06-2	1,2-Dichloroethane	ND		ug/m <sup>3</sup>	2.3	9.4	22.91	EPA Compendium TO-15	11/14/2011 21:12	11/14/2011 21:12	TD
78-87-5	1,2-Dichloropropane	ND		ug/m <sup>3</sup>	2.4	11	22.91	EPA Compendium TO-15	11/14/2011 21:12	11/14/2011 21:12	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m <sup>3</sup>	2.8	16	22.91	EPA Compendium TO-15	11/14/2011 21:12	11/14/2011 21:12	TD
108-67-8	<b>1,3,5-Trimethylbenzene</b>	<b>62</b>		ug/m <sup>3</sup>	1.5	23	22.91	EPA Compendium TO-15	11/14/2011 21:12	11/14/2011 21:12	TD
106-99-0	1,3-Butadiene	ND		ug/m <sup>3</sup>	1.5	10	22.91	EPA Compendium TO-15	11/14/2011 21:12	11/14/2011 21:12	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m <sup>3</sup>	2.5	14	22.91	EPA Compendium TO-15	11/14/2011 21:12	11/14/2011 21:12	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m <sup>3</sup>	3.1	14	22.91	EPA Compendium TO-15	11/14/2011 21:12	11/14/2011 21:12	TD
123-91-1	1,4-Dioxane	ND		ug/m <sup>3</sup>	7.6	84	22.91	EPA Compendium TO-15	11/14/2011 21:12	11/14/2011 21:12	TD
540-84-1	2,2,4-Trimethylpentane	ND		ug/m <sup>3</sup>	1.3	11	22.91	EPA Compendium TO-15	11/14/2011 21:12	11/14/2011 21:12	TD
78-93-3	<b>2-Butanone</b>	<b>36</b>		ug/m <sup>3</sup>	2.7	6.9	22.91	EPA Compendium TO-15	11/14/2011 21:12	11/14/2011 21:12	TD
591-78-6	2-Hexanone	ND		ug/m <sup>3</sup>	5.2	19	22.91	EPA Compendium TO-15	11/14/2011 21:12	11/14/2011 21:12	TD
107-05-1	3-Chloropropene	ND		ug/m <sup>3</sup>	1.3	73	22.91	EPA Compendium TO-15	11/14/2011 21:12	11/14/2011 21:12	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m <sup>3</sup>	3.4	9.5	22.91	EPA Compendium TO-15	11/14/2011 21:12	11/14/2011 21:12	TD
67-64-1	<b>Acetone</b>	<b>390</b>		ug/m <sup>3</sup>	1.7	5.5	22.91	EPA Compendium TO-15	11/14/2011 21:12	11/14/2011 21:12	TD
71-43-2	<b>Benzene</b>	<b>20</b>		ug/m <sup>3</sup>	1.1	7.4	22.91	EPA Compendium TO-15	11/14/2011 21:12	11/14/2011 21:12	TD
100-44-7	Benzyl chloride	ND		ug/m <sup>3</sup>	1.4	12	22.91	EPA Compendium TO-15	11/14/2011 21:12	11/14/2011 21:12	TD

### Sample Information

**Client Sample ID:** Y-51 (SV-2)

**York Sample ID:** 11K0346-02

York Project (SDG) No.  
11K0346

Client Project ID  
#11071 1309 38th St, Brooklyn NY

Matrix  
Soil Vapor

Collection Date/Time  
November 9, 2011 5:00 am

Date Received  
11/10/2011

**Volatile Organics, EPA TO15 Full List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		ug/m <sup>3</sup>	3.5	14	22.91	EPA Compendium TO-15	11/14/2011 21:12	11/14/2011 21:12	TD
75-25-2	Bromoform	ND		ug/m <sup>3</sup>	4.3	24	22.91	EPA Compendium TO-15	11/14/2011 21:12	11/14/2011 21:12	TD
74-83-9	Bromomethane	ND		ug/m <sup>3</sup>	1.1	9.0	22.91	EPA Compendium TO-15	11/14/2011 21:12	11/14/2011 21:12	TD
75-15-0	Carbon disulfide	ND		ug/m <sup>3</sup>	0.87	7.3	22.91	EPA Compendium TO-15	11/14/2011 21:12	11/14/2011 21:12	TD
56-23-5	Carbon tetrachloride	ND		ug/m <sup>3</sup>	1.8	7.3	22.91	EPA Compendium TO-15	11/14/2011 21:12	11/14/2011 21:12	TD
108-90-7	Chlorobenzene	ND		ug/m <sup>3</sup>	1.9	11	22.91	EPA Compendium TO-15	11/14/2011 21:12	11/14/2011 21:12	TD
75-00-3	Chloroethane	ND		ug/m <sup>3</sup>	0.74	6.1	22.91	EPA Compendium TO-15	11/14/2011 21:12	11/14/2011 21:12	TD
67-66-3	Chloroform	ND		ug/m <sup>3</sup>	1.7	11	22.91	EPA Compendium TO-15	11/14/2011 21:12	11/14/2011 21:12	TD
74-87-3	Chloromethane	ND		ug/m <sup>3</sup>	1.4	4.8	22.91	EPA Compendium TO-15	11/14/2011 21:12	11/14/2011 21:12	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m <sup>3</sup>	1.6	9.2	22.91	EPA Compendium TO-15	11/14/2011 21:12	11/14/2011 21:12	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	2.6	11	22.91	EPA Compendium TO-15	11/14/2011 21:12	11/14/2011 21:12	TD
110-82-7	Cyclohexane	ND		ug/m <sup>3</sup>	0.96	8.0	22.91	EPA Compendium TO-15	11/14/2011 21:12	11/14/2011 21:12	TD
75-71-8	Dichlorodifluoromethane	ND		ug/m <sup>3</sup>	2.9	12	22.91	EPA Compendium TO-15	11/14/2011 21:12	11/14/2011 21:12	TD
141-78-6	Ethyl acetate	ND		ug/m <sup>3</sup>	2.1	8.4	22.91	EPA Compendium TO-15	11/14/2011 21:12	11/14/2011 21:12	TD
100-41-4	<b>Ethyl Benzene</b>	<b>110</b>		ug/m <sup>3</sup>	1.8	10	22.91	EPA Compendium TO-15	11/14/2011 21:12	11/14/2011 21:12	TD
87-68-3	Hexachlorobutadiene	ND		ug/m <sup>3</sup>	4.5	25	22.91	EPA Compendium TO-15	11/14/2011 21:12	11/14/2011 21:12	TD
67-63-0	Isopropanol	ND		ug/m <sup>3</sup>	2.0	5.7	22.91	EPA Compendium TO-15	11/14/2011 21:12	11/14/2011 21:12	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m <sup>3</sup>	1.0	8.4	22.91	EPA Compendium TO-15	11/14/2011 21:12	11/14/2011 21:12	TD
75-09-2	<b>Methylene chloride</b>	<b>28</b>	B	ug/m <sup>3</sup>	1.9	8.1	22.91	EPA Compendium TO-15	11/14/2011 21:12	11/14/2011 21:12	TD
142-82-5	<b>n-Heptane</b>	<b>40</b>		ug/m <sup>3</sup>	1.1	9.5	22.91	EPA Compendium TO-15	11/14/2011 21:12	11/14/2011 21:12	TD
110-54-3	<b>n-Hexane</b>	<b>24</b>		ug/m <sup>3</sup>	0.99	8.2	22.91	EPA Compendium TO-15	11/14/2011 21:12	11/14/2011 21:12	TD
95-47-6	<b>o-Xylene</b>	<b>140</b>		ug/m <sup>3</sup>	1.8	10	22.91	EPA Compendium TO-15	11/14/2011 21:12	11/14/2011 21:12	TD
1330-20-7P/M	<b>p- &amp; m- Xylenes</b>	<b>430</b>		ug/m <sup>3</sup>	3.4	10	22.91	EPA Compendium TO-15	11/14/2011 21:12	11/14/2011 21:12	TD
622-96-8	<b>p-Ethyltoluene</b>	<b>210</b>		ug/m <sup>3</sup>	2.1	57	22.91	EPA Compendium TO-15	11/14/2011 21:12	11/14/2011 21:12	TD
115-07-01	Propylene	ND		ug/m <sup>3</sup>	1.8	4.0	22.91	EPA Compendium TO-15	11/14/2011 21:12	11/14/2011 21:12	TD
100-42-5	Styrene	ND		ug/m <sup>3</sup>	1.8	9.9	22.91	EPA Compendium TO-15	11/14/2011 21:12	11/14/2011 21:12	TD
127-18-4	Tetrachloroethylene	ND		ug/m <sup>3</sup>	1.9	16	22.91	EPA Compendium TO-15	11/14/2011 21:12	11/14/2011 21:12	TD
109-99-9	<b>Tetrahydrofuran</b>	<b>38</b>		ug/m <sup>3</sup>	1.7	6.9	22.91	EPA Compendium TO-15	11/14/2011 21:12	11/14/2011 21:12	TD
108-88-3	<b>Toluene</b>	<b>350</b>		ug/m <sup>3</sup>	2.1	8.8	22.91	EPA Compendium TO-15	11/14/2011 21:12	11/14/2011 21:12	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m <sup>3</sup>	1.1	9.2	22.91	EPA Compendium TO-15	11/14/2011 21:12	11/14/2011 21:12	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	1.9	11	22.91	EPA Compendium TO-15	11/14/2011 21:12	11/14/2011 21:12	TD
79-01-6	Trichloroethylene	ND		ug/m <sup>3</sup>	1.5	6.3	22.91	EPA Compendium TO-15	11/14/2011 21:12	11/14/2011 21:12	TD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m <sup>3</sup>	0.79	13	22.91	EPA Compendium TO-15	11/14/2011 21:12	11/14/2011 21:12	TD
108-05-4	Vinyl acetate	ND		ug/m <sup>3</sup>	1.2	16	22.91	EPA Compendium TO-15	11/14/2011 21:12	11/14/2011 21:12	TD
593-60-2	Vinyl bromide	ND		ug/m <sup>3</sup>	1.5	10	22.91	EPA Compendium TO-15	11/14/2011 21:12	11/14/2011 21:12	TD

## Sample Information

**Client Sample ID:** Y-51 (SV-2)

**York Sample ID:** 11K0346-02

<u>York Project (SDG) No.</u> 11K0346	<u>Client Project ID</u> #11071 1309 38th St, Brooklyn NY	<u>Matrix</u> Soil Vapor	<u>Collection Date/Time</u> November 9, 2011 5:00 am	<u>Date Received</u> 11/10/2011
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**Volatile Organics, EPA TO15 Full List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m <sup>3</sup>	1.4	12	22.91	EPA Compendium TO-15	11/14/2011 21:12	11/14/2011 21:12	TD

**Helium**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: PREP for GASES by GC

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-59-7	Helium	0.53		%	0.50	0.50	1	GC/TCD	11/16/2011 11:30	11/16/2011 11:30	JW

## Sample Information

**Client Sample ID:** Y-17 (SV-5)

**York Sample ID:** 11K0346-03

<u>York Project (SDG) No.</u> 11K0346	<u>Client Project ID</u> #11071 1309 38th St, Brooklyn NY	<u>Matrix</u> Soil Vapor	<u>Collection Date/Time</u> November 9, 2011 5:00 am	<u>Date Received</u> 11/10/2011
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**Volatile Organics, EPA TO15 Full List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/m <sup>3</sup>	2.6	14	25.71	EPA Compendium TO-15	11/14/2011 22:00	11/14/2011 22:00	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m <sup>3</sup>	4.3	18	25.71	EPA Compendium TO-15	11/14/2011 22:00	11/14/2011 22:00	TD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m <sup>3</sup>	1.4	20	25.71	EPA Compendium TO-15	11/14/2011 22:00	11/14/2011 22:00	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m <sup>3</sup>	3.6	14	25.71	EPA Compendium TO-15	11/14/2011 22:00	11/14/2011 22:00	TD
75-34-3	1,1-Dichloroethane	ND		ug/m <sup>3</sup>	1.3	11	25.71	EPA Compendium TO-15	11/14/2011 22:00	11/14/2011 22:00	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m <sup>3</sup>	1.6	10	25.71	EPA Compendium TO-15	11/14/2011 22:00	11/14/2011 22:00	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m <sup>3</sup>	4.3	19	25.71	EPA Compendium TO-15	11/14/2011 22:00	11/14/2011 22:00	TD
95-63-6	<b>1,2,4-Trimethylbenzene</b>	<b>190</b>		ug/m <sup>3</sup>	1.5	64	25.71	EPA Compendium TO-15	11/14/2011 22:00	11/14/2011 22:00	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m <sup>3</sup>	3.9	16	25.71	EPA Compendium TO-15	11/14/2011 22:00	11/14/2011 22:00	TD
107-06-2	1,2-Dichloroethane	ND		ug/m <sup>3</sup>	2.5	11	25.71	EPA Compendium TO-15	11/14/2011 22:00	11/14/2011 22:00	TD
78-87-5	1,2-Dichloropropane	ND		ug/m <sup>3</sup>	2.7	12	25.71	EPA Compendium TO-15	11/14/2011 22:00	11/14/2011 22:00	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m <sup>3</sup>	3.1	18	25.71	EPA Compendium TO-15	11/14/2011 22:00	11/14/2011 22:00	TD
108-67-8	<b>1,3,5-Trimethylbenzene</b>	<b>45</b>		ug/m <sup>3</sup>	1.7	26	25.71	EPA Compendium TO-15	11/14/2011 22:00	11/14/2011 22:00	TD
106-99-0	1,3-Butadiene	ND		ug/m <sup>3</sup>	1.7	11	25.71	EPA Compendium TO-15	11/14/2011 22:00	11/14/2011 22:00	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m <sup>3</sup>	2.8	16	25.71	EPA Compendium TO-15	11/14/2011 22:00	11/14/2011 22:00	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m <sup>3</sup>	3.5	16	25.71	EPA Compendium TO-15	11/14/2011 22:00	11/14/2011 22:00	TD
123-91-1	1,4-Dioxane	ND		ug/m <sup>3</sup>	8.5	94	25.71	EPA Compendium TO-15	11/14/2011 22:00	11/14/2011 22:00	TD
540-84-1	2,2,4-Trimethylpentane	ND		ug/m <sup>3</sup>	1.5	12	25.71	EPA Compendium TO-15	11/14/2011 22:00	11/14/2011 22:00	TD
78-93-3	<b>2-Butanone</b>	<b>36</b>		ug/m <sup>3</sup>	3.1	7.7	25.71	EPA Compendium TO-15	11/14/2011 22:00	11/14/2011 22:00	TD
591-78-6	2-Hexanone	ND		ug/m <sup>3</sup>	5.9	21	25.71	EPA Compendium TO-15	11/14/2011 22:00	11/14/2011 22:00	TD

### Sample Information

**Client Sample ID:** Y-17 (SV-5)

**York Sample ID:** 11K0346-03

York Project (SDG) No.  
11K0346

Client Project ID  
#11071 1309 38th St, Brooklyn NY

Matrix  
Soil Vapor

Collection Date/Time  
November 9, 2011 5:00 am

Date Received  
11/10/2011

**Volatile Organics, EPA TO15 Full List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m <sup>3</sup>	1.5	82	25.71	EPA Compendium TO-15	11/14/2011 22:00	11/14/2011 22:00	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m <sup>3</sup>	3.9	11	25.71	EPA Compendium TO-15	11/14/2011 22:00	11/14/2011 22:00	TD
67-64-1	<b>Acetone</b>	<b>520</b>		ug/m <sup>3</sup>	1.9	6.2	25.71	EPA Compendium TO-15	11/14/2011 22:00	11/14/2011 22:00	TD
71-43-2	<b>Benzene</b>	<b>22</b>		ug/m <sup>3</sup>	1.3	8.4	25.71	EPA Compendium TO-15	11/14/2011 22:00	11/14/2011 22:00	TD
100-44-7	Benzyl chloride	ND		ug/m <sup>3</sup>	1.6	14	25.71	EPA Compendium TO-15	11/14/2011 22:00	11/14/2011 22:00	TD
75-27-4	Bromodichloromethane	ND		ug/m <sup>3</sup>	3.9	16	25.71	EPA Compendium TO-15	11/14/2011 22:00	11/14/2011 22:00	TD
75-25-2	Bromoform	ND		ug/m <sup>3</sup>	4.9	27	25.71	EPA Compendium TO-15	11/14/2011 22:00	11/14/2011 22:00	TD
74-83-9	Bromomethane	ND		ug/m <sup>3</sup>	1.2	10	25.71	EPA Compendium TO-15	11/14/2011 22:00	11/14/2011 22:00	TD
75-15-0	Carbon disulfide	ND		ug/m <sup>3</sup>	0.98	8.1	25.71	EPA Compendium TO-15	11/14/2011 22:00	11/14/2011 22:00	TD
56-23-5	Carbon tetrachloride	ND		ug/m <sup>3</sup>	2.0	8.2	25.71	EPA Compendium TO-15	11/14/2011 22:00	11/14/2011 22:00	TD
108-90-7	Chlorobenzene	ND		ug/m <sup>3</sup>	2.2	12	25.71	EPA Compendium TO-15	11/14/2011 22:00	11/14/2011 22:00	TD
75-00-3	Chloroethane	ND		ug/m <sup>3</sup>	0.83	6.9	25.71	EPA Compendium TO-15	11/14/2011 22:00	11/14/2011 22:00	TD
67-66-3	Chloroform	ND		ug/m <sup>3</sup>	1.9	13	25.71	EPA Compendium TO-15	11/14/2011 22:00	11/14/2011 22:00	TD
74-87-3	Chloromethane	ND		ug/m <sup>3</sup>	1.6	5.4	25.71	EPA Compendium TO-15	11/14/2011 22:00	11/14/2011 22:00	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m <sup>3</sup>	1.8	10	25.71	EPA Compendium TO-15	11/14/2011 22:00	11/14/2011 22:00	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	3.0	12	25.71	EPA Compendium TO-15	11/14/2011 22:00	11/14/2011 22:00	TD
110-82-7	Cyclohexane	ND		ug/m <sup>3</sup>	1.1	9.0	25.71	EPA Compendium TO-15	11/14/2011 22:00	11/14/2011 22:00	TD
75-71-8	Dichlorodifluoromethane	ND		ug/m <sup>3</sup>	3.2	13	25.71	EPA Compendium TO-15	11/14/2011 22:00	11/14/2011 22:00	TD
141-78-6	Ethyl acetate	ND		ug/m <sup>3</sup>	2.4	9.4	25.71	EPA Compendium TO-15	11/14/2011 22:00	11/14/2011 22:00	TD
100-41-4	<b>Ethyl Benzene</b>	<b>97</b>		ug/m <sup>3</sup>	2.0	11	25.71	EPA Compendium TO-15	11/14/2011 22:00	11/14/2011 22:00	TD
87-68-3	Hexachlorobutadiene	ND		ug/m <sup>3</sup>	5.0	28	25.71	EPA Compendium TO-15	11/14/2011 22:00	11/14/2011 22:00	TD
67-63-0	Isopropanol	ND		ug/m <sup>3</sup>	2.2	6.4	25.71	EPA Compendium TO-15	11/14/2011 22:00	11/14/2011 22:00	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m <sup>3</sup>	1.1	9.4	25.71	EPA Compendium TO-15	11/14/2011 22:00	11/14/2011 22:00	TD
75-09-2	Methylene chloride	ND		ug/m <sup>3</sup>	2.2	9.1	25.71	EPA Compendium TO-15	11/14/2011 22:00	11/14/2011 22:00	TD
142-82-5	<b>n-Heptane</b>	<b>43</b>		ug/m <sup>3</sup>	1.3	11	25.71	EPA Compendium TO-15	11/14/2011 22:00	11/14/2011 22:00	TD
110-54-3	<b>n-Hexane</b>	<b>25</b>		ug/m <sup>3</sup>	1.1	9.2	25.71	EPA Compendium TO-15	11/14/2011 22:00	11/14/2011 22:00	TD
95-47-6	<b>o-Xylene</b>	<b>120</b>		ug/m <sup>3</sup>	2.0	11	25.71	EPA Compendium TO-15	11/14/2011 22:00	11/14/2011 22:00	TD
1330-20-7P/M	<b>p- &amp; m- Xylenes</b>	<b>370</b>		ug/m <sup>3</sup>	3.9	11	25.71	EPA Compendium TO-15	11/14/2011 22:00	11/14/2011 22:00	TD
622-96-8	<b>p-Ethyltoluene</b>	<b>160</b>		ug/m <sup>3</sup>	2.3	64	25.71	EPA Compendium TO-15	11/14/2011 22:00	11/14/2011 22:00	TD
115-07-01	Propylene	ND		ug/m <sup>3</sup>	2.1	4.5	25.71	EPA Compendium TO-15	11/14/2011 22:00	11/14/2011 22:00	TD
100-42-5	Styrene	ND		ug/m <sup>3</sup>	2.0	11	25.71	EPA Compendium TO-15	11/14/2011 22:00	11/14/2011 22:00	TD
127-18-4	Tetrachloroethylene	ND		ug/m <sup>3</sup>	2.1	18	25.71	EPA Compendium TO-15	11/14/2011 22:00	11/14/2011 22:00	TD
109-99-9	<b>Tetrahydrofuran</b>	<b>39</b>		ug/m <sup>3</sup>	1.9	7.7	25.71	EPA Compendium TO-15	11/14/2011 22:00	11/14/2011 22:00	TD
108-88-3	<b>Toluene</b>	<b>340</b>		ug/m <sup>3</sup>	2.4	9.9	25.71	EPA Compendium TO-15	11/14/2011 22:00	11/14/2011 22:00	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m <sup>3</sup>	1.2	10	25.71	EPA Compendium TO-15	11/14/2011 22:00	11/14/2011 22:00	TD

**Sample Information**

**Client Sample ID:** Y-17 (SV-5)

**York Sample ID:** 11K0346-03

<u>York Project (SDG) No.</u> 11K0346	<u>Client Project ID</u> #11071 1309 38th St, Brooklyn NY	<u>Matrix</u> Soil Vapor	<u>Collection Date/Time</u> November 9, 2011 5:00 am	<u>Date Received</u> 11/10/2011
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**Volatile Organics, EPA TO15 Full List**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	2.1	12	25.71	EPA Compendium TO-15	11/14/2011 22:00	11/14/2011 22:00	TD
79-01-6	Trichloroethylene	ND		ug/m <sup>3</sup>	1.7	7.0	25.71	EPA Compendium TO-15	11/14/2011 22:00	11/14/2011 22:00	TD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m <sup>3</sup>	0.88	15	25.71	EPA Compendium TO-15	11/14/2011 22:00	11/14/2011 22:00	TD
108-05-4	Vinyl acetate	ND		ug/m <sup>3</sup>	1.4	18	25.71	EPA Compendium TO-15	11/14/2011 22:00	11/14/2011 22:00	TD
593-60-2	Vinyl bromide	ND		ug/m <sup>3</sup>	1.7	11	25.71	EPA Compendium TO-15	11/14/2011 22:00	11/14/2011 22:00	TD
75-01-4	Vinyl Chloride	ND		ug/m <sup>3</sup>	1.6	13	25.71	EPA Compendium TO-15	11/14/2011 22:00	11/14/2011 22:00	TD

**Helium**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: PREP for GASES by GC

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-59-7	Helium	ND		%	0.50	0.50	1	GC/TCD	11/16/2011 11:30	11/16/2011 11:30	JW

**Sample Information**

**Client Sample ID:** Y-84 (SV-4)

**York Sample ID:** 11K0346-04

<u>York Project (SDG) No.</u> 11K0346	<u>Client Project ID</u> #11071 1309 38th St, Brooklyn NY	<u>Matrix</u> Soil Vapor	<u>Collection Date/Time</u> November 9, 2011 5:00 am	<u>Date Received</u> 11/10/2011
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**Volatile Organics, EPA TO15 Full List**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/m <sup>3</sup>	15	83	150	EPA Compendium TO-15	11/15/2011 09:34	11/15/2011 09:34	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m <sup>3</sup>	25	100	150	EPA Compendium TO-15	11/15/2011 09:34	11/15/2011 09:34	TD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m <sup>3</sup>	8.2	120	150	EPA Compendium TO-15	11/15/2011 09:34	11/15/2011 09:34	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m <sup>3</sup>	21	83	150	EPA Compendium TO-15	11/15/2011 09:34	11/15/2011 09:34	TD
75-34-3	1,1-Dichloroethane	ND		ug/m <sup>3</sup>	7.4	62	150	EPA Compendium TO-15	11/15/2011 09:34	11/15/2011 09:34	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m <sup>3</sup>	9.1	60	150	EPA Compendium TO-15	11/15/2011 09:34	11/15/2011 09:34	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m <sup>3</sup>	25	110	150	EPA Compendium TO-15	11/15/2011 09:34	11/15/2011 09:34	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m <sup>3</sup>	9.0	380	150	EPA Compendium TO-15	11/15/2011 09:34	11/15/2011 09:34	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m <sup>3</sup>	23	92	150	EPA Compendium TO-15	11/15/2011 09:34	11/15/2011 09:34	TD
107-06-2	1,2-Dichloroethane	ND		ug/m <sup>3</sup>	15	62	150	EPA Compendium TO-15	11/15/2011 09:34	11/15/2011 09:34	TD
78-87-5	1,2-Dichloropropane	ND		ug/m <sup>3</sup>	16	71	150	EPA Compendium TO-15	11/15/2011 09:34	11/15/2011 09:34	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m <sup>3</sup>	18	110	150	EPA Compendium TO-15	11/15/2011 09:34	11/15/2011 09:34	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m <sup>3</sup>	9.8	150	150	EPA Compendium TO-15	11/15/2011 09:34	11/15/2011 09:34	TD
106-99-0	1,3-Butadiene	ND		ug/m <sup>3</sup>	9.9	66	150	EPA Compendium TO-15	11/15/2011 09:34	11/15/2011 09:34	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m <sup>3</sup>	17	92	150	EPA Compendium TO-15	11/15/2011 09:34	11/15/2011 09:34	TD

### Sample Information

**Client Sample ID:** Y-84 (SV-4)

**York Sample ID:** 11K0346-04

York Project (SDG) No.  
11K0346

Client Project ID  
#11071 1309 38th St, Brooklyn NY

Matrix  
Soil Vapor

Collection Date/Time  
November 9, 2011 5:00 am

Date Received  
11/10/2011

**Volatile Organics, EPA TO15 Full List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/m <sup>3</sup>	20	92	150	EPA Compendium TO-15	11/15/2011 09:34	11/15/2011 09:34	TD
123-91-1	1,4-Dioxane	ND		ug/m <sup>3</sup>	49	550	150	EPA Compendium TO-15	11/15/2011 09:34	11/15/2011 09:34	TD
540-84-1	<b>2,2,4-Trimethylpentane</b>	<b>10000</b>		ug/m <sup>3</sup>	8.6	71	150	EPA Compendium TO-15	11/15/2011 09:34	11/15/2011 09:34	TD
78-93-3	2-Butanone	ND		ug/m <sup>3</sup>	18	45	150	EPA Compendium TO-15	11/15/2011 09:34	11/15/2011 09:34	TD
591-78-6	2-Hexanone	ND		ug/m <sup>3</sup>	34	120	150	EPA Compendium TO-15	11/15/2011 09:34	11/15/2011 09:34	TD
107-05-1	3-Chloropropene	ND		ug/m <sup>3</sup>	8.6	480	150	EPA Compendium TO-15	11/15/2011 09:34	11/15/2011 09:34	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m <sup>3</sup>	22	62	150	EPA Compendium TO-15	11/15/2011 09:34	11/15/2011 09:34	TD
67-64-1	<b>Acetone</b>	<b>3400</b>		ug/m <sup>3</sup>	11	36	150	EPA Compendium TO-15	11/15/2011 09:34	11/15/2011 09:34	TD
71-43-2	Benzene	ND		ug/m <sup>3</sup>	7.3	49	150	EPA Compendium TO-15	11/15/2011 09:34	11/15/2011 09:34	TD
100-44-7	Benzyl chloride	ND		ug/m <sup>3</sup>	9.5	79	150	EPA Compendium TO-15	11/15/2011 09:34	11/15/2011 09:34	TD
75-27-4	Bromodichloromethane	ND		ug/m <sup>3</sup>	23	95	150	EPA Compendium TO-15	11/15/2011 09:34	11/15/2011 09:34	TD
75-25-2	Bromoform	ND		ug/m <sup>3</sup>	28	160	150	EPA Compendium TO-15	11/15/2011 09:34	11/15/2011 09:34	TD
74-83-9	Bromomethane	ND		ug/m <sup>3</sup>	7.1	59	150	EPA Compendium TO-15	11/15/2011 09:34	11/15/2011 09:34	TD
75-15-0	<b>Carbon disulfide</b>	<b>240</b>		ug/m <sup>3</sup>	5.7	48	150	EPA Compendium TO-15	11/15/2011 09:34	11/15/2011 09:34	TD
56-23-5	Carbon tetrachloride	ND		ug/m <sup>3</sup>	12	48	150	EPA Compendium TO-15	11/15/2011 09:34	11/15/2011 09:34	TD
108-90-7	Chlorobenzene	ND		ug/m <sup>3</sup>	13	70	150	EPA Compendium TO-15	11/15/2011 09:34	11/15/2011 09:34	TD
75-00-3	Chloroethane	ND		ug/m <sup>3</sup>	4.8	40	150	EPA Compendium TO-15	11/15/2011 09:34	11/15/2011 09:34	TD
67-66-3	Chloroform	ND		ug/m <sup>3</sup>	11	74	150	EPA Compendium TO-15	11/15/2011 09:34	11/15/2011 09:34	TD
74-87-3	Chloromethane	ND		ug/m <sup>3</sup>	9.5	32	150	EPA Compendium TO-15	11/15/2011 09:34	11/15/2011 09:34	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m <sup>3</sup>	10	60	150	EPA Compendium TO-15	11/15/2011 09:34	11/15/2011 09:34	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	17	69	150	EPA Compendium TO-15	11/15/2011 09:34	11/15/2011 09:34	TD
110-82-7	<b>Cyclohexane</b>	<b>540</b>		ug/m <sup>3</sup>	6.3	53	150	EPA Compendium TO-15	11/15/2011 09:34	11/15/2011 09:34	TD
75-71-8	Dichlorodifluoromethane	ND		ug/m <sup>3</sup>	19	75	150	EPA Compendium TO-15	11/15/2011 09:34	11/15/2011 09:34	TD
141-78-6	Ethyl acetate	ND		ug/m <sup>3</sup>	14	55	150	EPA Compendium TO-15	11/15/2011 09:34	11/15/2011 09:34	TD
100-41-4	Ethyl Benzene	ND		ug/m <sup>3</sup>	12	66	150	EPA Compendium TO-15	11/15/2011 09:34	11/15/2011 09:34	TD
87-68-3	Hexachlorobutadiene	ND		ug/m <sup>3</sup>	29	160	150	EPA Compendium TO-15	11/15/2011 09:34	11/15/2011 09:34	TD
67-63-0	Isopropanol	ND		ug/m <sup>3</sup>	13	38	150	EPA Compendium TO-15	11/15/2011 09:34	11/15/2011 09:34	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m <sup>3</sup>	6.6	55	150	EPA Compendium TO-15	11/15/2011 09:34	11/15/2011 09:34	TD
75-09-2	<b>Methylene chloride</b>	<b>1700</b>	B	ug/m <sup>3</sup>	13	53	150	EPA Compendium TO-15	11/15/2011 09:34	11/15/2011 09:34	TD
142-82-5	<b>n-Heptane</b>	<b>1500</b>		ug/m <sup>3</sup>	7.5	63	150	EPA Compendium TO-15	11/15/2011 09:34	11/15/2011 09:34	TD
110-54-3	<b>n-Hexane</b>	<b>8600</b>		ug/m <sup>3</sup>	6.5	54	150	EPA Compendium TO-15	11/15/2011 09:34	11/15/2011 09:34	TD
95-47-6	o-Xylene	ND		ug/m <sup>3</sup>	12	66	150	EPA Compendium TO-15	11/15/2011 09:34	11/15/2011 09:34	TD
1330-20-7P/M	p- & m- Xylenes	ND		ug/m <sup>3</sup>	23	66	150	EPA Compendium TO-15	11/15/2011 09:34	11/15/2011 09:34	TD
622-96-8	p-Ethyltoluene	ND		ug/m <sup>3</sup>	14	380	150	EPA Compendium TO-15	11/15/2011 09:34	11/15/2011 09:34	TD
115-07-01	Propylene	ND		ug/m <sup>3</sup>	12	26	150	EPA Compendium TO-15	11/15/2011 09:34	11/15/2011 09:34	TD

## Sample Information

**Client Sample ID:** Y-84 (SV-4)

**York Sample ID:** 11K0346-04

<u>York Project (SDG) No.</u> 11K0346	<u>Client Project ID</u> #11071 1309 38th St, Brooklyn NY	<u>Matrix</u> Soil Vapor	<u>Collection Date/Time</u> November 9, 2011 5:00 am	<u>Date Received</u> 11/10/2011
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**Volatile Organics, EPA TO15 Full List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/m <sup>3</sup>	12	65	150	EPA Compendium TO-15	11/15/2011 09:34	11/15/2011 09:34	TD
127-18-4	Tetrachloroethylene	ND		ug/m <sup>3</sup>	12	100	150	EPA Compendium TO-15	11/15/2011 09:34	11/15/2011 09:34	TD
109-99-9	Tetrahydrofuran	ND		ug/m <sup>3</sup>	11	45	150	EPA Compendium TO-15	11/15/2011 09:34	11/15/2011 09:34	TD
108-88-3	<b>Toluene</b>	<b>130</b>		ug/m <sup>3</sup>	14	57	150	EPA Compendium TO-15	11/15/2011 09:34	11/15/2011 09:34	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m <sup>3</sup>	7.3	60	150	EPA Compendium TO-15	11/15/2011 09:34	11/15/2011 09:34	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	12	69	150	EPA Compendium TO-15	11/15/2011 09:34	11/15/2011 09:34	TD
79-01-6	Trichloroethylene	ND		ug/m <sup>3</sup>	9.8	41	150	EPA Compendium TO-15	11/15/2011 09:34	11/15/2011 09:34	TD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m <sup>3</sup>	5.1	86	150	EPA Compendium TO-15	11/15/2011 09:34	11/15/2011 09:34	TD
108-05-4	Vinyl acetate	ND		ug/m <sup>3</sup>	8.1	110	150	EPA Compendium TO-15	11/15/2011 09:34	11/15/2011 09:34	TD
593-60-2	Vinyl bromide	ND		ug/m <sup>3</sup>	10	67	150	EPA Compendium TO-15	11/15/2011 09:34	11/15/2011 09:34	TD
75-01-4	Vinyl Chloride	ND		ug/m <sup>3</sup>	9.4	78	150	EPA Compendium TO-15	11/15/2011 09:34	11/15/2011 09:34	TD

**Helium**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: PREP for GASES by GC

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-59-7	Helium	ND		%	0.50	0.50	1	GC/TCD	11/16/2011 11:30	11/16/2011 11:30	JW

## Sample Information

**Client Sample ID:** S-24 (SV-1)

**York Sample ID:** 11K0346-05

<u>York Project (SDG) No.</u> 11K0346	<u>Client Project ID</u> #11071 1309 38th St, Brooklyn NY	<u>Matrix</u> Soil Vapor	<u>Collection Date/Time</u> November 9, 2011 5:00 am	<u>Date Received</u> 11/10/2011
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**Volatile Organics, EPA TO15 Full List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/m <sup>3</sup>	2.9	16	28.64	EPA Compendium TO-15	11/14/2011 23:37	11/14/2011 23:37	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m <sup>3</sup>	4.8	20	28.64	EPA Compendium TO-15	11/14/2011 23:37	11/14/2011 23:37	TD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m <sup>3</sup>	1.6	22	28.64	EPA Compendium TO-15	11/14/2011 23:37	11/14/2011 23:37	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m <sup>3</sup>	4.0	16	28.64	EPA Compendium TO-15	11/14/2011 23:37	11/14/2011 23:37	TD
75-34-3	1,1-Dichloroethane	ND		ug/m <sup>3</sup>	1.4	12	28.64	EPA Compendium TO-15	11/14/2011 23:37	11/14/2011 23:37	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m <sup>3</sup>	1.7	12	28.64	EPA Compendium TO-15	11/14/2011 23:37	11/14/2011 23:37	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m <sup>3</sup>	4.8	22	28.64	EPA Compendium TO-15	11/14/2011 23:37	11/14/2011 23:37	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m <sup>3</sup>	1.7	72	28.64	EPA Compendium TO-15	11/14/2011 23:37	11/14/2011 23:37	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m <sup>3</sup>	4.4	18	28.64	EPA Compendium TO-15	11/14/2011 23:37	11/14/2011 23:37	TD
107-06-2	1,2-Dichloroethane	ND		ug/m <sup>3</sup>	2.8	12	28.64	EPA Compendium TO-15	11/14/2011 23:37	11/14/2011 23:37	TD

**Sample Information**

**Client Sample ID:** S-24 (SV-1)

**York Sample ID:** 11K0346-05

York Project (SDG) No.  
11K0346

Client Project ID  
#11071 1309 38th St, Brooklyn NY

Matrix  
Soil Vapor

Collection Date/Time  
November 9, 2011 5:00 am

Date Received  
11/10/2011

**Volatile Organics, EPA TO15 Full List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-87-5	1,2-Dichloropropane	ND		ug/m <sup>3</sup>	3.0	13	28.64	EPA Compendium TO-15	11/14/2011 23:37	11/14/2011 23:37	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m <sup>3</sup>	3.5	20	28.64	EPA Compendium TO-15	11/14/2011 23:37	11/14/2011 23:37	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m <sup>3</sup>	1.9	29	28.64	EPA Compendium TO-15	11/14/2011 23:37	11/14/2011 23:37	TD
106-99-0	1,3-Butadiene	ND		ug/m <sup>3</sup>	1.9	13	28.64	EPA Compendium TO-15	11/14/2011 23:37	11/14/2011 23:37	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m <sup>3</sup>	3.2	18	28.64	EPA Compendium TO-15	11/14/2011 23:37	11/14/2011 23:37	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m <sup>3</sup>	3.9	18	28.64	EPA Compendium TO-15	11/14/2011 23:37	11/14/2011 23:37	TD
123-91-1	1,4-Dioxane	ND		ug/m <sup>3</sup>	9.4	100	28.64	EPA Compendium TO-15	11/14/2011 23:37	11/14/2011 23:37	TD
540-84-1	<b>2,2,4-Trimethylpentane</b>	<b>38</b>		ug/m <sup>3</sup>	1.6	14	28.64	EPA Compendium TO-15	11/14/2011 23:37	11/14/2011 23:37	TD
78-93-3	2-Butanone	ND		ug/m <sup>3</sup>	3.4	8.6	28.64	EPA Compendium TO-15	11/14/2011 23:37	11/14/2011 23:37	TD
591-78-6	2-Hexanone	ND		ug/m <sup>3</sup>	6.6	24	28.64	EPA Compendium TO-15	11/14/2011 23:37	11/14/2011 23:37	TD
107-05-1	3-Chloropropene	ND		ug/m <sup>3</sup>	1.6	91	28.64	EPA Compendium TO-15	11/14/2011 23:37	11/14/2011 23:37	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m <sup>3</sup>	4.3	12	28.64	EPA Compendium TO-15	11/14/2011 23:37	11/14/2011 23:37	TD
67-64-1	<b>Acetone</b>	<b>180</b>		ug/m <sup>3</sup>	2.1	6.9	28.64	EPA Compendium TO-15	11/14/2011 23:37	11/14/2011 23:37	TD
71-43-2	<b>Benzene</b>	<b>10</b>		ug/m <sup>3</sup>	1.4	9.3	28.64	EPA Compendium TO-15	11/14/2011 23:37	11/14/2011 23:37	TD
100-44-7	Benzyl chloride	ND		ug/m <sup>3</sup>	1.8	15	28.64	EPA Compendium TO-15	11/14/2011 23:37	11/14/2011 23:37	TD
75-27-4	Bromodichloromethane	ND		ug/m <sup>3</sup>	4.3	18	28.64	EPA Compendium TO-15	11/14/2011 23:37	11/14/2011 23:37	TD
75-25-2	Bromoform	ND		ug/m <sup>3</sup>	5.4	30	28.64	EPA Compendium TO-15	11/14/2011 23:37	11/14/2011 23:37	TD
74-83-9	Bromomethane	ND		ug/m <sup>3</sup>	1.4	11	28.64	EPA Compendium TO-15	11/14/2011 23:37	11/14/2011 23:37	TD
75-15-0	<b>Carbon disulfide</b>	<b>21</b>		ug/m <sup>3</sup>	1.1	9.1	28.64	EPA Compendium TO-15	11/14/2011 23:37	11/14/2011 23:37	TD
56-23-5	Carbon tetrachloride	ND		ug/m <sup>3</sup>	2.2	9.2	28.64	EPA Compendium TO-15	11/14/2011 23:37	11/14/2011 23:37	TD
108-90-7	Chlorobenzene	ND		ug/m <sup>3</sup>	2.4	13	28.64	EPA Compendium TO-15	11/14/2011 23:37	11/14/2011 23:37	TD
75-00-3	Chloroethane	ND		ug/m <sup>3</sup>	0.92	7.7	28.64	EPA Compendium TO-15	11/14/2011 23:37	11/14/2011 23:37	TD
67-66-3	Chloroform	ND		ug/m <sup>3</sup>	2.1	14	28.64	EPA Compendium TO-15	11/14/2011 23:37	11/14/2011 23:37	TD
74-87-3	Chloromethane	ND		ug/m <sup>3</sup>	1.8	6.0	28.64	EPA Compendium TO-15	11/14/2011 23:37	11/14/2011 23:37	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m <sup>3</sup>	2.0	12	28.64	EPA Compendium TO-15	11/14/2011 23:37	11/14/2011 23:37	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	3.3	13	28.64	EPA Compendium TO-15	11/14/2011 23:37	11/14/2011 23:37	TD
110-82-7	Cyclohexane	ND		ug/m <sup>3</sup>	1.2	10	28.64	EPA Compendium TO-15	11/14/2011 23:37	11/14/2011 23:37	TD
75-71-8	Dichlorodifluoromethane	ND		ug/m <sup>3</sup>	3.6	14	28.64	EPA Compendium TO-15	11/14/2011 23:37	11/14/2011 23:37	TD
141-78-6	Ethyl acetate	ND		ug/m <sup>3</sup>	2.6	10	28.64	EPA Compendium TO-15	11/14/2011 23:37	11/14/2011 23:37	TD
100-41-4	Ethyl Benzene	ND		ug/m <sup>3</sup>	2.3	13	28.64	EPA Compendium TO-15	11/14/2011 23:37	11/14/2011 23:37	TD
87-68-3	Hexachlorobutadiene	ND		ug/m <sup>3</sup>	5.6	31	28.64	EPA Compendium TO-15	11/14/2011 23:37	11/14/2011 23:37	TD
67-63-0	Isopropanol	ND		ug/m <sup>3</sup>	2.5	7.2	28.64	EPA Compendium TO-15	11/14/2011 23:37	11/14/2011 23:37	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m <sup>3</sup>	1.3	10	28.64	EPA Compendium TO-15	11/14/2011 23:37	11/14/2011 23:37	TD
75-09-2	<b>Methylene chloride</b>	<b>53</b>	B	ug/m <sup>3</sup>	2.4	10	28.64	EPA Compendium TO-15	11/14/2011 23:37	11/14/2011 23:37	TD
142-82-5	n-Heptane	ND		ug/m <sup>3</sup>	1.4	12	28.64	EPA Compendium TO-15	11/14/2011 23:37	11/14/2011 23:37	TD

**Sample Information**

**Client Sample ID:** S-24 (SV-1)

**York Sample ID:** 11K0346-05

York Project (SDG) No.  
11K0346

Client Project ID  
#11071 1309 38th St, Brooklyn NY

Matrix  
Soil Vapor

Collection Date/Time  
November 9, 2011 5:00 am

Date Received  
11/10/2011

**Volatile Organics, EPA TO15 Full List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-54-3	n-Hexane	ND		ug/m <sup>3</sup>	1.2	10	28.64	EPA Compendium TO-15	11/14/2011 23:37	11/14/2011 23:37	TD
95-47-6	o-Xylene	ND		ug/m <sup>3</sup>	2.3	13	28.64	EPA Compendium TO-15	11/14/2011 23:37	11/14/2011 23:37	TD
1330-20-7P/M	p- & m- Xylenes	ND		ug/m <sup>3</sup>	4.3	13	28.64	EPA Compendium TO-15	11/14/2011 23:37	11/14/2011 23:37	TD
622-96-8	p-Ethyltoluene	ND		ug/m <sup>3</sup>	2.6	72	28.64	EPA Compendium TO-15	11/14/2011 23:37	11/14/2011 23:37	TD
115-07-01	Propylene	ND		ug/m <sup>3</sup>	2.3	5.0	28.64	EPA Compendium TO-15	11/14/2011 23:37	11/14/2011 23:37	TD
100-42-5	Styrene	ND		ug/m <sup>3</sup>	2.2	12	28.64	EPA Compendium TO-15	11/14/2011 23:37	11/14/2011 23:37	TD
127-18-4	<b>Tetrachloroethylene</b>	<b>55</b>		ug/m <sup>3</sup>	2.4	20	28.64	EPA Compendium TO-15	11/14/2011 23:37	11/14/2011 23:37	TD
109-99-9	Tetrahydrofuran	ND		ug/m <sup>3</sup>	2.1	8.6	28.64	EPA Compendium TO-15	11/14/2011 23:37	11/14/2011 23:37	TD
108-88-3	Toluene	ND		ug/m <sup>3</sup>	2.6	11	28.64	EPA Compendium TO-15	11/14/2011 23:37	11/14/2011 23:37	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m <sup>3</sup>	1.4	12	28.64	EPA Compendium TO-15	11/14/2011 23:37	11/14/2011 23:37	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	2.4	13	28.64	EPA Compendium TO-15	11/14/2011 23:37	11/14/2011 23:37	TD
79-01-6	Trichloroethylene	ND		ug/m <sup>3</sup>	1.9	7.8	28.64	EPA Compendium TO-15	11/14/2011 23:37	11/14/2011 23:37	TD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m <sup>3</sup>	0.98	16	28.64	EPA Compendium TO-15	11/14/2011 23:37	11/14/2011 23:37	TD
108-05-4	Vinyl acetate	ND		ug/m <sup>3</sup>	1.5	21	28.64	EPA Compendium TO-15	11/14/2011 23:37	11/14/2011 23:37	TD
593-60-2	Vinyl bromide	ND		ug/m <sup>3</sup>	1.9	13	28.64	EPA Compendium TO-15	11/14/2011 23:37	11/14/2011 23:37	TD
75-01-4	Vinyl Chloride	ND		ug/m <sup>3</sup>	1.8	15	28.64	EPA Compendium TO-15	11/14/2011 23:37	11/14/2011 23:37	TD

**Helium**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: PREP for GASES by GC

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-59-7	Helium	ND		%	0.50	0.50	1	GC/TCD	11/16/2011 11:30	11/16/2011 11:30	JW

**Notes and Definitions**

B Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

---

ND Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.

RL REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.

MDL METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.

NR Not reported

RPD Relative Percent Difference

Wet The data has been reported on an as-received (wet weight) basis

Low Bias Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. Non-dir. flag (Non-Directional Bias ) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

---

Corrective Action:

# YORK

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

# Field Chain-of-Custody Record - AIR

Page      of     

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

York Project No. 11 K 0 346

<b>YOUR Information</b> Company: <u>Hydro Tech Em, Corp.</u> Address: <u>15 Ocean Ave, 2nd Floor</u> <u>Brooklyn, NY 11225</u> Phone No: <u>718-636-0800</u> Contact Person: <u>Egi Karayel</u> E-Mail Address: <u>ekarayel@hydrotechenvironmental.com</u>		<b>Report To:</b> Company: <u>    </u> Address: <u>77 Arkey Drive,</u> <u>Suite G, Haverhousse, NY</u> Phone No: <u>631-462-5866</u> Attention: <u>Muslime Ward</u> E-Mail Address: <u>    </u>		<b>Invoice To:</b> Company: <u>    </u> Address: <u>    </u> Phone No: <u>    </u> Attention: <u>    </u> E-Mail Address: <u>    </u>		<b>YOUR Project ID</b> # <u>110171</u> <u>1309 38th Street,</u> <u>Brooklyn, NY</u> <b>Purchase Order No.</b> <u>4802</u> Samples from: CT <u>    </u> NY <u>X</u> NJ <u>    </u>		<b>Turn-Around Time</b> RUSH - Same Day <input type="checkbox"/> RUSH - Next Day <input type="checkbox"/> RUSH - Two Day <input type="checkbox"/> RUSH - Three Day <input type="checkbox"/> RUSH - Four Day <input type="checkbox"/> Standard (5-7 Days) <input checked="" type="checkbox"/>		<b>Report Type/Deliverables</b> Summary Report <u>    </u> Summary w/ QA Summary <u>    </u> CT RCP Package <u>    </u> NY ASP A Package <u>    </u> NY ASP B/CLP Pkg <u>    </u> NUDEP Reduced <u>    </u> <i>Electronic Deliverables:</i> EDD (Specify Type) <u>    </u> Standard Excel <u>    </u> Regulatory Comparison Excel <u>    </u>	
--	--	---	--	--	--	---	--	--	--	---	--

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

Samples Collected/Authorized By (Signature) Egi Karayel  
 Name (printed) Egi Karayel

<b>Air Matrix Codes</b> AI - INDOOR Ambient Air AO - OUTDOOR Amb. Air AE - Vapor Extraction Well/ Process Gas/Effluent AS - SOIL Vapor/Sub-Slab		<b>TO15 Volatiles and Other Gas Analyses</b> EPA TO-15 List Tentatively Identified Compounds Air VPH Helium Methane OTHER		<b>Detection Limits Required</b> ≤ 1 ug/m <sup>3</sup> NYSDEC VI Limits (if major analytes) NUDEP low level Routine Survey Other	
--	--	---	--	--	--

Sample Identification	Date Sampled	AIR Matrix	Canister Vacuum Before Sampling (in. Hg)	Canister Vacuum After Sampling (in. Hg)	Choose Analytes Needed from the Menu Above and Enter Below	Sampling Media
Y-69 (SV-3)	11/09/11	AS	-32	-12	TO-15, Helium	6 Liter Summa canister Tedlar Bag
Y-51 (SV-2)	↓	↓	-28	-9	TO-15, Helium	6 Liter Summa canister Tedlar Bag
Y-17 (SV-5)	↓	↓	-30	-10	TO-15, Helium	6 Liter Summa canister Tedlar Bag
Y-84 (SV-4)	↓	↓	0	0	TO-15, Helium	6 Liter Summa canister Tedlar Bag
S24 (SV-1)	↓	↓	-28	-14	TO-15, Helium	6 Liter Summa canister Tedlar Bag
						6 Liter Summa canister Tedlar Bag
						6 Liter Summa canister Tedlar Bag
						6 Liter Summa canister Tedlar Bag
						6 Liter Summa canister Tedlar Bag
						6 Liter Summa canister Tedlar Bag

Comments flowmeter of Y-84 did not work.

Samples Relinquished By E. Karayel Date/Time 11/10/11 9:50  
 Samples Received By      Date/Time       
 Samples Relinquished By      Date/Time       
 Samples Received in LAB by      Date/Time 11/10/11 1330

*11/10/11 Gigs*

## Appendix 2: Remedial Action Work Plan

**1309-1321 38TH STREET BROOKLYN, NEW YORK**

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**Remedial Action Report**

**APRIL 2015**

**1309-1321 38<sup>TH</sup> STREET**

**BROOKLYN, NEW YORK**

---

# **Remedial Action Work Plan**

**NYC VCP Number: 12CVCP048K**

**Prepared for:**

M&Y Developers, Inc.  
713 Bedford Avenue, Apt: 1  
Brooklyn, New York

**Prepared by:**

Hydro Tech Environmental, Corp.  
15 Ocean Avenue, 2<sup>nd</sup> Floor  
Brooklyn, New York 11225  
718-636-0800

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March/2012

# **REMEDIAL ACTION WORK PLAN**

## **TABLE OF CONTENTS**

TABLE OF CONTENTS.....	ii
FIGURES.....	v
APPENDICES.....	v
LIST OF ACRONYMS.....	vi
CERTIFICATION.....	1
EXECUTIVE SUMMARY.....	2
Community Protection Statement.....	6
REMEDIAL ACTION WORK PLAN.....	11
1.0    SITE BACKGROUND.....	11
1.2    proposed Redevelopment Plan.....	11
1.3    Description of Surrounding Property.....	12
1.4    remedial investigation.....	12
2.0    REMEDIAL ACTION OBJECTIVES.....	16
Groundwater.....	16
Soil.....	16
Soil Vapor.....	16
3.0    REMEDIAL Alternatives analysis.....	17
3.1 THRESHOLD CRITERIA.....	18
3.2. BALANCING CRITERIA.....	19
4.0    REMEDIAL ACTION.....	25
4.1    Summary of Preferred Remedial Action.....	25
4.2    Soil Cleanup Objectives and soil/Fill management.....	27
Estimated Soil/Fill Removal Quantities.....	27
End-Point Sampling.....	28
Quality Assurance/Quality Control.....	29
Import and Reuse of Soils.....	30
4.3    Engineering Controls.....	30
Composite Cover System.....	30

Vapor Barrier .....	31
Sub-slab Depressurization System.....	31
4.4 Institutional Controls .....	31
4.5 Site Management Plan .....	32
4.6 Qualitative Human Health Exposure Assessment .....	33
5.0 REMEDIAL ACTION MANAGEMENT .....	37
5.1 Project Organization and Oversight.....	37
5.2 Site Security .....	37
5.3 Work Hours.....	37
5.4 Construction Health and Safety Plan .....	37
5.5 Community Air Monitoring Plan.....	38
VOC Monitoring, Response Levels, and Actions .....	39
Particulate Monitoring, Response Levels, and Actions .....	40
5.6 Agency Approvals .....	40
5.7 Site Preparation.....	41
Pre-Construction Meeting.....	41
Mobilization.....	41
Utility Marker Layouts, Easement Layouts.....	41
Equipment and Material Staging .....	42
Stabilized Construction Entrance .....	42
Truck Inspection Station.....	42
5.8 Traffic Control .....	42
5.9 Demobilization.....	42
5.10 Reporting and Record Keeping.....	43
Daily Reports .....	43
Record Keeping and Photo-Documentation .....	44
5.11 Complaint Management.....	44
5.12 Deviations from the Remedial Action Work Plan .....	44
5.13 Data usability sUmmary report.....	45
6.0 REMEDIAL ACTION REPORT .....	46
7.0 SCHEDULE .....	48
Appendix 1 Citizen Participation Plan.....	49

Appendix 2 Sustainability statement .....	52
Appendix 3 SOIL/MATERIALS MANAGEMENT PLAN.....	55
1.1 Soil Screening Methods .....	55
1.2 Stockpile Methods .....	55
1.3 Characterization of Excavated Materials .....	55
1.4 Materials Excavation, Load-Out and Departure .....	56
1.5 Off-Site Materials Transport.....	56
1.6 Materials Disposal Off-Site .....	57
1.7 Materials Reuse On-Site .....	58
1.8 Demarcation.....	58
1.9 Import of Backfill Soil from Off-Site Sources .....	59
Source Screening and Testing .....	60
1.10 Fluids Management.....	60
1.11 Storm-water Pollution Prevention.....	61
1.12 Contingency Plan .....	61
1.13 Odor, Dust and Nuisance Control.....	62

## **FIGURES**

- Figure-1: Site Location Map
- Figure-2: Site Boundary Map
- Figure-3: Layout of Proposed Site Development

## **APPENDICES**

- Appendix-1: Citizen Participation Plan
- Appendix-2: Sustainability Statement
- Appendix-3: Soils/Materials Management Plan

## LIST OF ACRONYMS

Acronym	Definition
AOC	Area of Concern
AS/SVE	Air Sparging/Soil Vapor Extraction
BOA	Brownfield Opportunity Area
CAMP	Community Air Monitoring Plan
C/D	Construction/Demolition
COC	Certificate of Completion
CQAP	Construction Quality Assurance Plan
CSOP	Contractors Site Operation Plan
DCR	Declaration of Covenants and Restrictions
ECs/ICs	Engineering and Institutional Controls
HASP	Health and Safety Plan
IRM	Interim Remedial Measure
BCA	Brownfield Cleanup Agreement
MNA	Monitored Natural Attenuation
NOC	Notice of Completion
NYC BCP	New York City Brownfield Cleanup Program
NYC DEP	New York City Department of Environmental Protection
NYC DOHMH	New York State Department of Health and Mental Hygiene
NYCRR	New York Codes Rules and Regulations
NYC OER	New York City Office of Environmental Remediation
NYS DEC	New York State Department of Environmental Conservation
NYS DEC DER	New York State Department of Environmental Conservation Division of Environmental Remediation
NYS DOH	New York State Department of Health
NYS DOT	New York State Department of Transportation
ORC	Oxygen-Release Compound
OSHA	United States Occupational Health and Safety Administration
PE	Professional Engineer

PID	Photo Ionization Detector
QEP	Qualified Environmental Professional
QHHEA	Qualitative Human Health Exposure Assessment
RAOs	Remedial Action Objectives
RAR	Remedial Action Report
RAWP	Remedial Action Work Plan or Plan
RCA	Recycled Concrete Aggregate
RD	Remedial Design
RI	Remedial Investigation
RMZ	Residual Management Zone
SCOs	Soil Cleanup Objectives
SCG	Standards, Criteria and Guidance
SMP	Site Management Plan
SPDES	State Pollutant Discharge Elimination System
SVOC	Semi-Volatile Organic Compound
USGS	United States Geological Survey
UST	Underground Storage Tank
VOC	Volatile Organic Compound

# CERTIFICATION

I, Shaik A. Saad, am a Professional Engineer licensed in the State of New York. I have primary direct responsibility for implementation of the remedial action for the 1309-1321 38<sup>th</sup> Street Site (NYC VCP Site No. 12CVCP048K).

I, Mark E. Robbins, am a Qualified Environmental Professional as defined in §43-140. I have primary direct responsibility for implementation of the remedial action for the 1309-1321 38<sup>th</sup> Street Site (NYC BCP Site No. 12CVCP048K).

I certify that this Remedial Action Work Plan (RAWP) has a plan for handling, transport and disposal of soil, fill, fluids and other materials removed from the property in accordance with applicable City, State and Federal laws and regulations. Importation of all soil, fill and other material from off-Site will be in accordance with all applicable City, State and Federal laws and requirements. This RAWP has provisions to control nuisances during the remediation and all invasive work, including dust and odor suppression.

\_\_\_\_\_  
Name

\_\_\_\_\_  
NYS PE License Number

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date



\_\_\_\_\_  
QEP Name

\_\_\_\_\_  
QEP Signature

\_\_\_\_\_  
Date

# **EXECUTIVE SUMMARY**

M&Y Developers, Inc. has enrolled in the New York City Brownfield Cleanup Program (NYC BCP) to investigate and remediate a 21,300-square foot site located at 1309-1321 38<sup>th</sup> Street in Brooklyn, New York. A remedial investigation (RI) was performed to compile and evaluate data and information necessary to develop this Remedial Action Work Plan (RAWP). The remedial action described in this document provides for the protection of public health and the environment consistent with the intended property use, complies with applicable environmental standards, criteria and guidance and conforms to applicable laws and regulations.

## **Site Location and Current Usage**

The Site is located at 1309-1321 38<sup>th</sup> Street in the Kensington section in Brooklyn, New York and is identified as Block 5300 and Lots 70, 72 and 74 on the New York City Tax Map. Figure 1 shows the Site location. The Site is 21,000-square feet and is bounded by parking area to the north, 38<sup>th</sup> Street to the south, 1-story Jewish school to the east, and multi-story residential and commercial building to the west. A map of the site boundary is shown in Figure 2. Currently, the Site is used for parking lot and auto repair facility and contains two 1-story brick buildings, a metal shed and an open concrete paved truck parking area.

## **Summary of Proposed Redevelopment Plan**

The proposed future use of the Site will consist of seven (7) 3-story residential buildings with full cellars and penthouses. 25 % of the basement will be used as storage and the remainder will be combined with the 1<sup>st</sup> floor as a duplex apartment. The building will occupy 14,460 square feet of the property, and the remainder will be vacant open to the sky. The basement slab of the building will be 7 feet below grade.

Excavation of 4,000 cu yds/ tons will be required for development of the full basement. No excavation at or below the water table is anticipated. Layout of the proposed site development is presented in Figure 3.

The current zoning designation is M1-2/R6B; special mixed use district. The proposed use is consistent with existing zoning for the property.

Layout of the proposed site development is presented in Figure 3. The current zoning designation is M1-2/R6B; special mixed use district. The proposed use is consistent with existing zoning for the property.

The remedial action contemplated under this RAWP may be implemented independently of the proposed redevelopment plan.

### **Summary of the Remedy**

The proposed remedial action achieves protection of public health and the environment for the intended use of the property. The proposed remedial action achieves all of the remedial action objectives established for the project and addresses applicable standards, criterion, and guidance; is effective in both the short-term and long-term and reduces mobility, toxicity and volume of contaminants; is cost effective and implementable; and uses standards methods that are well established in the industry.

The proposed remedial action will consist of:

1. Preparation of a Community Protection Statement and implementation of a Citizen Participation Plan.
2. Perform a Community Air Monitoring Program for particulates and volatile organic carbon compounds.
3. Establish Track 4 Soil Cleanup Objectives (SCOs).
4. Site mobilization involving Site security setup, equipment mobilization, utility mark outs and marking & staking excavation areas.
5. Implementation of storm-water pollution prevention measures in compliance with applicable laws and regulations.
6. Excavation and removal of soil/fill exceeding SCOs.
7. Removal of underground storage tanks and closure of petroleum spills in compliance with applicable local, State and Federal laws and regulations.

8. Collection and analysis of end-point samples to determine the performance of the remedy with respect to attainment of SCOs.
9. Screening of excavated soil/fill during intrusive work for indications of contamination by visual means, odor, and monitoring with a PID.
10. Transportation and off-Site disposal of all soil/fill material at permitted facilities in accordance with applicable laws and regulations for handling, transport, and disposal, and this plan. Sampling and analysis of excavated media as required by disposal facilities. Appropriate segregation of excavated media onsite.
11. Demarcation of residual soil/fill.
12. Import of materials to be used for backfill and cover in compliance with this plan and in accordance with applicable laws and regulations.
13. Installation of a vapor barrier system beneath the building slab.
14. Installation and operation of an active sub-slab depressurization system.
15. Construction and maintenance of an engineered composite cover consisting of concrete to prevent human exposure to residual soil/fill remaining under the Site;
16. Submission of a RAR that describes the remedial activities, certifies that the remedial requirements have been achieved, defines the Site boundaries, and describes all Engineering and Institutional Controls to be implemented at the Site, and lists any changes from this RAWP.
17. Submission of an approved Site Management Plan (SMP) in the RAR for long-term management of residual contamination, including plans for operation, maintenance, monitoring, inspection and certification of Engineering and Institutional Controls and reporting at a specified frequency.
18. Recording of a Declaration of Covenants and Restrictions that includes a listing of Engineering Controls and a requirement that management of these controls must be in compliance with an approved SMP; and Institutional Controls including prohibition of

the following: (1) vegetable gardening and farming; (2) use of groundwater without treatment rendering it safe for the intended use; (3) disturbance of residual contaminated material unless it is conducted in accordance with the SMP; and (4) higher level of land usage without OER-approval.

19. Performance of all activities required for the remedial action, including permitting requirements and pretreatment requirements, in compliance with applicable laws and regulations.

## COMMUNITY PROTECTION STATEMENT

The Office of Environmental Remediation created the New York City Brownfield Cleanup Program (NYC BCP) to provide governmental oversight for the cleanup of contaminated property in NYC. This Remedial Action Work Plan (“cleanup plan”) describes the findings of prior environmental studies that show the location of contamination at the site, and describes the plans to clean up the site to protect public health and the environment.

This cleanup plan provides a very high level of protection for neighboring communities. This cleanup plan also includes many other elements that address common community concerns, such as community air monitoring, odor, dust and noise controls, hours of operation, good housekeeping and cleanliness, truck management and routing, and opportunities for community participation. The purpose of this Community Protection Statement is to explain these community protection measures in non-technical language to simplify community review.

**Remedial Investigation and Cleanup Plan.** Under the NYC BCP, a thorough cleanup study of this property (called a remedial investigation) has been performed to identify past property usage, to sample and test soils, groundwater and soil vapor, and identify contaminant sources present on the property. The cleanup plan has been designed to address all contaminant sources that have been identified during the study of this property.

**Identification of Sensitive Land Uses.** Prior to selecting a cleanup, the neighborhood was evaluated to identify sensitive land uses nearby, such as schools, day care facilities, hospitals and residential areas. The cleanup program was then tailored to address the special conditions of this community.

**Qualitative Human Health Exposure Assessment.** An important part of the cleanup planning for the Site is the performance of a study to find all of the ways that people might come in contact with contaminants at the Site now or in the future. This study is called a Qualitative Human Health Exposure Assessment (QHHEA). A QHHEA was performed for this project. This assessment has considered all known contamination at the Site and evaluated the potential for people to come in contact with this contamination. All identified public exposures will be addressed under this cleanup plan.

**Health and Safety Plan.** This cleanup plan includes a Health and Safety Plan that is designed to protect community residents and on-Site workers. The elements of this plan are in compliance with safety requirements of the United States Occupational Safety and Health Administration. This plan includes many protective elements including those discussed below.

**Site Safety Coordinator.** This project has a designated Site safety coordinator to implement the Health and Safety Plan. The safety coordinator maintains an emergency contact sheet and protocol for management of emergencies. The Site safety coordinator is Ezgi Karayel and can be reached at 718-636-0800.

**Worker Training.** Workers participating in cleanup of contaminated material on this project are required to be trained in a 40-hour hazardous waste operators training course and to take annual refresher training. This pertains to workers performing specific tasks including removing contaminated material and installing cleanup systems in contaminated areas.

**Community Air Monitoring Plan.** Community air monitoring will be performed during this cleanup project to ensure that the community is properly protected from contaminants, dust and odors. Air samples will be tested in accordance with a detailed plan called the Community Air Monitoring Plan or CAMP. Results will be regularly reported to the NYC Office of Environmental Remediation. This cleanup plan also has a plan to address any unforeseen problems that might occur during the cleanup (called a ‘Contingency Plan’).

**Odor, Dust and Noise Control.** This cleanup plan includes actions for odor and dust control. These actions are designed to prevent off-Site odor and dust nuisances and include steps to be taken if nuisances are detected. Generally, dust is managed by application of physical covers and by water sprays. Odors are controlled by limiting the area of open excavations, physical covers, spray foams and by a series of other actions (called operational measures). The project is also required to comply with NYC noise control standards. If you observe problems in these areas, please contact the onsite Project Manager Ezgi Karayel at 718-636-0800 or NYC Office of Environmental Remediation Project Manager Michael Mandac at 212-788-3922.

**Quality Assurance.** This cleanup plan requires that evidence be provided to illustrate that all cleanup work required under the plan has been completed properly.

This evidence will be summarized in the final report, called the Remedial Action Report. This report will be submitted to the NYC Office of Environmental Remediation and will be thoroughly reviewed.

**Storm-Water Management.** To limit the potential for soil erosion and discharge, this cleanup plan has provisions for storm-water management. The main elements of the storm water management include physical barriers such as tarp covers and erosion fencing, and a program for frequent inspection.

**Hours of Operation.** The hours for operation of cleanup will comply with the NYC Department of Buildings construction code requirements or according to specific variances issued by that agency. For this cleanup project, the hours of operation are 7:30 am to 5:00 pm Monday through Friday.

**Signage.** While the cleanup is in progress, a placard will be prominently posted at the main entrance of the property with a laminated project Fact Sheet that states that the project is in the NYC Brownfield Cleanup Program, provides project contact names and numbers, and locations of project documents can be viewed.

**Complaint Management.** The contractor performing this cleanup is required to address all complaints. If you have any complaints, you can call the facility Project Manager Ezgi Karayel at 718-636-0800, the NYC Office of Environmental Remediation Project Manager Michael Mandac at 212-788-3922, or call 311 and mention the Site is in the NYC Brownfield Cleanup Program.

**Utility Mark-outs.** To promote safety during excavation in this cleanup, the contractor is required to first identify all utilities and must perform all excavation and construction work in compliance with NYC Department of Buildings regulations.

**Soil and Liquid Disposal.** All soil and liquid material removed from the Site as part of the cleanup will be transported and disposed of in accordance with all applicable City, State and Federal regulations and required permits will be obtained.

**Soil Chemical Testing and Screening.** All excavations will be supervised by a trained and properly qualified environmental professional.

In addition to extensive sampling and chemical testing of soils on the Site, excavated soil will be screened continuously using hand-held instruments, by sight, and by smell to ensure proper material handling and management, and community protection.

**Stockpile Management.** Soil stockpiles will be kept covered with tarps to prevent dust, odors and erosion. Stockpiles will be frequently inspected. Damaged tarp covers will be promptly replaced. Stockpiles will be protected with silt fences. Hay bales will be used, as needed to protect storm water catch basins and other discharge points.

**Trucks and Covers.** Loaded trucks leaving the Site will be covered in compliance with applicable laws and regulations to prevent dust and odor. Trucks will be properly recorded in logs and records and placarded in compliance with applicable City, State and Federal laws, including those of the New York State Department of Transportation. If loads contain wet material that can leak, truck liners will be used. All transport of materials will be performed by licensed truckers and in compliance with all laws and regulations.

**Imported Material.** All fill materials proposed to be brought onto the Site will comply with rules outlined in this cleanup plan and will be inspected and approved by a qualified worker located on-Site. Waste materials will not be brought onto the Site. Trucks entering the Site with imported clean materials will be covered in compliance with applicable laws and regulations.

**Equipment Decontamination.** All equipment used for cleanup work will be inspected and washed, if needed, before it leaves the Site. Trucks will be cleaned at a truck inspection station on the property before leaving the Site.

**Housekeeping.** Locations where trucks enter or leave the Site will be inspected every day and cleaned regularly to ensure that they are free of dirt and other materials from the Site.

**Truck Routing.** Truck routes have been selected to: (a) limit transport through residential areas and past sensitive nearby properties; (b) maximize use of city-mapped truck routes; (c) limit total distance to major highways; (d) promote safety in entry to highways; (e) promote overall safety in trucking; and (f) minimize off-Site line-ups (queuing) of trucks entering the property. Operators of loaded trucks leaving the Site will be instructed not to stop or idle in the local neighborhood.

**Final Report.** The results of all cleanup work will be fully documented in a final report (called a Remedial Action Report) that will be available for you to review in the document repositories located at the closest New York Public Library or online at <http://www.nyc.gov/html/oer/html/repository/RBrooklyn.shtml>.

**Long-Term Site Management.** To provide long-term protection after the cleanup is complete, the property owner will be required to comply with an ongoing Site Management Plan that calls for continued inspection of protective controls, such as Site covers. The Site Management Plan is evaluated and approved by the NYC Office of Environmental Remediation. Requirements that the property owner must comply with are defined in the property's deed. A certification of continued protectiveness of the cleanup will be required from time to time to show that the approved cleanup is still effective.

# **REMEDIAL ACTION WORK PLAN**

## **1.0 SITE BACKGROUND**

M&Y Developers, Inc. has enrolled in the New York City Brownfield Cleanup Program (NYC BCP) to investigate and remediate a property located at 1309-1321 38<sup>th</sup> Street in the Borough of Brooklyn, New York (the Site). A Remedial Investigation (RI) was performed to compile and evaluate data and information necessary to develop this Remedial Action Work Plan (RAWP) in a manner that will render the Site protective of public health and the environment consistent with the contemplated end use. This RAWP establishes remedial action objectives, provides remedial alternatives analysis that includes consideration of a permanent cleanup, and provides a description of the selected remedial action. 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 CURRENT USAGE**

The Site is located at 1309-1321 38<sup>th</sup> Street in the Kensington section in Brooklyn, New York and is identified as Block 5300 and Lots 70, 72 and 74 on the New York City Tax Map. Figure 1 shows the Site location. The Site is 21,000-square feet and is bounded by parking area to the north, 38<sup>th</sup> Street to the south, 1-story Jewish school to the east, and multi-story residential and commercial building to the west. A map of the site boundary is shown in Figure 2. Currently, the Site is used for parking lot and auto repair facility and contains two 1-story brick building, a metal shed and an open concrete paved truck parking area.

## **1.2 PROPOSED REDEVELOPMENT PLAN**

The proposed future use of the Site will consist of seven (7) 3-story residential buildings with full cellars and penthouses. 25 % of the basement will be used as storage and the remainder will be combined with the 1<sup>st</sup> floor to create a duplex apartment. The building will occupy 14,460 square feet of the property, and the remainder will be vacant open to the sky. The basement slab of the building will be 7 feet below grade.

Excavation of 4,000 cu yds will be required for development of the full basement. No excavation at or below the water table is anticipated. Layout of the proposed site development is

presented in Figure 3. The current zoning designation is M1-2/R6B; special mixed use district. The proposed use is consistent with existing zoning for the property.

The remedial action contemplated under this RAWP may be implemented independently of the proposed redevelopment plan.

### **1.3 DESCRIPTION OF SURROUNDING PROPERTY**

The Site is located in a commercial and residential neighborhood.

Within 500 foot radius of the Site, there is a variety of land uses including: commercial, residential (multi-story residential apartments) and mixed residential-commercial use. Properties located within ¼ mile radius of the Site are zoned M1-2/R6A and M1-2/R6B (mixed use district). Figure 2 shows the surrounding land usage.

#### **Sensitive Receptors**

Within 500 foot radius of the Site, two (2) environmentally sensitive receptors are present. One receptor is the southeast-adjacent 1-story Jewish school building and the second receptor is identified as Yeshive Beis Meir (Boys) located in the southwestern vicinity to the Site.

Figure 2 shows the surrounding land usage.

### **1.4 REMEDIAL INVESTIGATION**

A remedial investigation was performed and the results are documented in a companion document called “*Remedial Investigation Report, 1309-1321 38<sup>th</sup> Street*”, dated March, 2012 (RIR).

#### **Past Uses and Ownership**

Based upon the review of the Fire Insurance Maps and Regulatory Agency documents from the Phase I Environmental Site Assessment (ESA) Report prepared by Hydro Tech Environmental, Corp. in May 2011, a Site history was established. It appears that the Site was vacant during 1905 and was then developed during or before 1926. The Site was utilized as a lumber yard during 1926, a construction material storage yard during 1934, and a junk yard and auto repair shop from 1951 to 2007.

## **Areas of Concern**

The AOCs identified for this site include:

1. Suspect historical presence of fuel oil tanks for heating purposes from the historical stores/dwellings identified in the Fire Insurance Maps.
2. Urban fill.
3. Past usage as auto repair and junk yard.

## **Summary of Work Performed Under Remedial Investigation**

1. The following is the scope of work that summarizes the investigatory efforts at the Site. The scope of work was implemented by Hydro Tech Environmental, Corp. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Installed six (6) soil borings across the entire project Site, and collected twelve (12) soil samples for chemical analysis from the soil borings to evaluate soil quality;
3. Installed one (1) groundwater monitoring well and collected one (1) groundwater sample for chemical analysis to evaluate groundwater quality;
4. Installed five (5) soil vapor probes and collected five (5) samples for chemical analysis.
5. Installed three (3) geotechnical borings and prepared geotechnical boring logs.

## **Summary of Environmental Findings**

1. Elevation of the property is 59 feet.
2. Depth to groundwater is approximately at 55 feet below grade at the Site.
3. Bedrock was not encountered during the investigation.
4. The stratigraphy of the site, from the surface down, consists of 1-3 feet of fill material underlain by 9 feet of sand with pebbles, 5 feet of fine to coarse sand mixture with pebbles, 6 feet of sand mixture with gravel and 4 feet of sand mixture with rocks.

5. Shallow Soil/fill samples collected during the RI indicated detectable PCBs above Track 1, but all were below Track 2. One deep soil was above Track 2 for PCBs. One pesticide, specifically; 4,4'-DDT (maximum of 61 ppb) was identified in three of the shallow and one of the deep soil samples at concentrations exceeding Track 1 SCOs. Low levels of twelve (12) VOCs were detected in the shallow soil samples, and of these only acetone (maximum of 76 ppb) exceeded Track 1 in two soil samples. Only acetone and methylene chloride were detected in the deep soil samples at slightly above Track 1 SCOs. Both methylene chloride and acetone were found in all samples at similar concentrations and are suspected laboratory contaminant. Five (5) Polycyclic Aromatic Hydrocarbon (PAH) SVOCs were identified above their Track 1 and Track 2 Restricted Residential SCOs (RRSCOs) in one shallow soil sample at SP-5. Several metals were identified in shallow soil samples above their respective Track 1 SCOs, and of these, arsenic (maximum of 23 ppm), barium (maximum of 392 ppm), cadmium, copper, chromium trivalent and lead (maximum of 1150 ppm) also exceed Track 2 RRSCOs. For deeper soils, cadmium, nickel and chromium exceeded Track 2 RRSCOs. The levels of PAHs and metals are consistent with observations of historic fill. Overall, soil chemistry is not remarkable and no contaminant source areas were identified.
6. Groundwater samples collected during the RI showed no detectable PCBs. One (1) pesticide (dieldrin) was identified in the groundwater sample collected. One (1) SVOC, (fluorine) was detected in the groundwater sample. No VOCs, SVOCs, Pesticides or PCBs were identified at concentrations exceeding NYSDEC TOGS 1.1.1 Groundwater Quality Standards (GQS). Four (4) VOCs including 2-butanone, acetone, chloroform and methylene chloride were detected in the groundwater sample. Methylene chloride was also found in the laboratory blank. Dissolved metals including barium, calcium, magnesium, potassium and sodium were identified at concentrations exceeding their respective GQS. This can be attributed to intrusion of saline or brackish water or road salting.
7. Soil vapor samples collected during the RI detected nineteen (19) VOCs. Of these thirteen (13) including 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, acetone, benzene, cyclohexane, ethyl benzene, methylene chloride, n-heptane, n-hexane, o-xylene,

p-&m-xylenes, tetrahydrofuran, and toluene exceeded NYSDOH reported background values. The VOCs concentrations will require mitigation in the remedial action phase. TCE was not identified in any of samples. PCE was detected at 55 ug/m<sup>3</sup> in one of five samples.

## **2.0 REMEDIAL ACTION OBJECTIVES**

Based on the results of the RI, the following Remedial Action Objectives (RAOs) have been identified for this Site:

### **Groundwater**

- Monitor groundwater improvement in response to contaminant source removal and/or treatment.
- Prevent exposure to contaminants volatilizing from contaminated groundwater.

### **Soil**

- Prevent direct contact with contaminated soil.
- Prevent migration of contaminants that would result in groundwater or surface water contamination.

### **Soil Vapor**

- Prevent exposure to contaminants in soil vapor.
- Prevent migration of soil vapor into dwelling and other occupied structures.

### 3.0 REMEDIAL ALTERNATIVES ANALYSIS

Two remedial action alternatives are considered in this alternatives analysis for the site. Alternative 1 is Track 1 alternatives that involve establishment of Track 1 soil cleanup objectives (SCOs) and complete removal of all soil and fill material that exceed the unrestricted Track 1 SCOs. Alternative 2 is Track 4 alternative that involves establishment of Track 4 SCOs and removal of the soil and fill material that exceed Track 4 SCOs. These Alternatives are:

- Alternative 1 involves
  - Achievement of Track 1 Unrestricted Use SCOs. Removal of soils exceeding Track 1 SCOs throughout the site and confirmation with post-excavation endpoint sampling.
  - No engineering or institutional controls can be utilized in a Track 1 cleanup.
- Alternative 2 involves
  - Achievement of Track 4 SCOs by removal of soils exceeding Track 4 SCOs;
  - Placement of a soil vapor barrier beneath the building slab and along foundation side walls and an active sub-slab depressurization system beneath the foundation to prevent intrusion of off-site impacts to soil vapor;
  - Placement of a final cover over the entire site to eliminate exposure to remaining soil/fill;
  - Establishment of use restrictions including prohibitions on the use of groundwater from the site and prohibitions on other sensitive site uses, such as farming or vegetable gardening, to eliminate future exposure pathways;
  - Establishment of an approved Site Management Plan (SMP) to ensure long-term management of these engineering and institutional controls, including the performance of periodic inspections and certification that the controls are performing as they were intended; and

- Placement of a deed restriction to memorialize the remedial action and the Engineering and Institutional Controls to ensure that future owners of the site continue to maintain these controls as required.

### **3.1 THRESHOLD CRITERIA**

#### **Protection of Public Health and the Environment**

This criterion is an evaluation of the remedy's ability to protect public health and the environment, and an assessment of how risks posed through each existing or potential pathway of exposure are eliminated, reduced or controlled through removal, treatment, and implementation of Engineering Controls or Institutional Controls. Protection of public health and the environment must be achieved for all approved remedial actions.

Alternative 1 would prevent exposure to contaminated on-site soils during remediation/construction by implementing an approved soil and materials management plan and CAMP. By removing all soil/ fill with contaminant concentrations above Track 1 SCOs, the potential for direct contact with contaminated soil/ fill would be eliminated after remediation/ construction is complete. However, in order to prevent the migration of soil vapor from offsite sources into the proposed building and to prevent associated inhalation exposures, institutional and engineering controls are needed. A Track 1 Remedy cannot employ institutional or engineering controls. Therefore even though Alternative 1 would provide the maximum protection of public health and the environment based on onsite contamination, Alternative 1 would not adequately meet the RAOs of preventing exposure to contaminants in soil vapor from offsite sources and preventing migration of soil vapor into occupied structures without engineering and institutional controls that can be monitored in the long-term.

Alternative 2 would achieve protection of human health and the environment by removing soil/fill with contaminant concentrations above Track 4 SCOs as well as placement of institutional and engineering controls, including a composite cover system, a vapor barrier, and an active SSDS. As such, this alternative would be consistent with the RAOs and would provide overall protection of public health and the environment in consideration of current and potential future land use by

- Minimizing the potential for direct contact with contaminated on-site soils by implementing an approved soil and materials management plan and CAMP during remediation and by establishing a composite cover system over the entire site once construction is complete; and
- Minimizing the potential for migration of soil vapor into occupied structures and associated inhalation exposures by installing a vapor barrier and active SSDS, in conjunction with the composite cover system.

### **3.2. BALANCING CRITERIA**

#### **Compliance with Standards, Criteria and Guidance (SCGs)**

Alternative 1 would address the chemical-specific SCGs for soil by establishment of Track 1 SCOs and attainment of these standards for onsite soil. Attainment of soil vapor SCGs would not be possible without engineering controls. Focused attention on means and methods employed during the remedial action would ensure that handling and management of contaminated material would be in compliance with applicable SCGs.

Alternative 2 would address the chemical-specific SCGs for soil, groundwater, and soil vapor by establishment of Track 4 SCOs and removal of soils exceeding these SCOs, and installation of engineering controls to mitigate against soil vapor intrusion. Similar to the Track 1 alternative, focused attention on means and methods employed during the remedial action would ensure that handling and management of contaminated material would be in compliance with applicable SCGs.

#### **Short-term effectiveness and impacts**

This evaluation criterion assesses the effects of the alternative during the construction and implementation phase until remedial action objectives are met. Under this criterion, alternatives are evaluated with respect to their effects on public health and the environment during implementation of the remedial action, including protection of the community, environmental impacts, time until remedial response objectives are achieved, and protection of workers during remedial actions.

The Track 1 alternative would provide short-term effectiveness with the removal of all soil/fill above Track 1 SCOs. All potential exposure pathways for site-derived contaminants would be incomplete following construction. Implementation of this RAWP, which includes a CAMP and HASP would prevent unacceptable exposure during remediation and construction activities.

Alternative 2 would result in short-term impacts associated with excavation, handling, load out of materials, and truck traffic. However, focused attention to means and methods during the remedial action for Track 4 removal action, including community air monitoring and appropriate truck routing, would minimize the overall impact of these activities in both Alternatives.

The Track 1 and Track 4 Alternatives would both employ appropriate measures to prevent short term impacts, including a Community Air Monitoring Plan (CAMP) and a Soil/Materials Management Plan (SMMP), during all on-site soil disturbance activities and would minimize the release of significant contaminants into the environment. Construction workers operating under appropriate management procedures and a Health and Safety Plan (HASP) will be protected from on-site contaminants (personal protective equipment would be worn consistent with the documented risks within the respective work zones).

### **Long-term effectiveness and permanence**

This evaluation criterion addresses the results of a remedial action in terms of its permanence and quantity/nature of waste or residual contamination remaining at the Site after response objectives have been met, such as permanence of the remedial alternative, magnitude of remaining contamination, adequacy of controls including the adequacy and suitability of ECs/ICs that may be used to manage contaminant residuals that remain at the Site and assessment of containment systems and ICs that are designed to eliminate exposures to contaminants, and long-term reliability of Engineering Controls.

Alternative 1 would achieve long-term effectiveness and permanence related to on-site contamination by permanently removing all impacted soils. However, without engineering and

institutional controls, alternative 1 would not prevent exposure to off-site soil vapor contamination.

Alternative 2 would provide long-term effectiveness by removing most on-site contamination and attaining Track 4 SCOs, placing a concrete slab under the building, establishing use restrictions, establishing a Site Management Plan to ensure long-term management of Institutional and Engineering Controls, and placing a deed restriction to memorialize these controls for the long term. Groundwater use restrictions will eliminate potential exposure to groundwater and establishment of an SMP and a deed restriction will ensure that this protection remains effective for the long-term. The SMP will ensure long-term effectiveness of all Engineering and Institutional Controls by requiring periodic inspection and certification that these controls and use restrictions continue to be in place and functioning as they were intended assuring that protections designed into the remedy will provide continued high level of protection in perpetuity.

#### **Reduction of toxicity, mobility, or volume of contaminated material**

This evaluation criterion assesses the remedial alternative's use of remedial technologies that permanently and significantly reduce toxicity, mobility, or volume of contaminants as their principal element. The following is the hierarchy of source removal and control measures that are to be used to remediate a Site, ranked from most preferable to least preferable: removal and/or treatment, containment, elimination of exposure and treatment of source at the point of exposure. It is preferred to use treatment or removal to eliminate contaminants at a Site, reduce the total mass of toxic contaminants, cause irreversible reduction in contaminants mobility, or reduce of total volume of contaminated media.

Alternative 1 would permanently eliminate the toxicity, mobility, and volume of contaminants from on-site soil by removing all soil in excess of unrestricted use SCOs. Alternative 1 would eliminate a greater total mass of contaminants on site.

Alternative 2 would permanently eliminate the toxicity, mobility, and volume of contaminants from on-site soil in the area of the proposed hot spot removal, and remaining soil/fill would meet Track 4 site specific SCOs. Removal of soils of approximately 7 feet would occur.

## **Implementability**

This evaluation criterion addresses the technical and administrative feasibility of implementing an alternative and the availability of various services and materials required during its implementation, including technical feasibility of construction and operation, reliability of the selected technology, ease of undertaking remedial action, monitoring considerations, administrative feasibility (e.g. obtaining permits for remedial activities), and availability of services and materials.

The Track 1 cleanup is feasible and implementable. The remedial methods used are easily implemented using standard construction technologies.

Similarly, the Track 4 alternative is also both feasible and implementable. It uses standard materials and services and well established technology. The reliability of the remedy is also high. There are no special difficulties associated with any of the activities proposed, which utilize standard industry methods. Installation of the waterproofing/vapor barrier system will be conducted in accordance with standard methods utilized to install waterproofing membranes.

Both Alternatives are feasible and implementable. They use standard materials, services, and well-established technology. The reliability of these remedies is also high. There are no specific difficulties associated with any of the activities proposed, which utilize standard industry methods.

## **Cost effectiveness**

This evaluation criterion addresses the cost of alternatives, including capital costs (such as construction costs, equipment costs, and disposal costs, engineering expenses) and site management costs (costs incurred after remedial construction is complete) necessary to ensure the continued effectiveness of a remedial action.

The capital costs associated with the Track 1 alternative are higher than the Track 2 alternative in that a higher volume of soil/fill will be excavated for off-site disposal to achieve a Track 1 status over the entire site. The Track 2 alternative has higher operational costs due to operation of a fan for the active SSDS.

## **Community Acceptance**

This evaluation criterion addresses community opinion and support for the remedial action. Observations here will be supplemented by public comment received on the RAWP.

Based on the overall goals of the remedial program and initial observations by the project team, both of the alternatives are acceptable to the community. This RAWP will be undergo public review under the NYC BCP and will provide the opportunity for detailed public input on the remedial alternatives and the selected remedial action. This public comment related to site remediation will be considered by OER prior to approval of this plan.

## **Land use**

This evaluation criterion addresses the proposed use of the property. This evaluation has considered reasonably anticipated future uses of the Site and takes into account: current use and historical and/or recent development patterns; applicable zoning laws and maps; NYS Department of State's Brownfield Opportunity Areas (BOA) pursuant to section 970-r of the general municipal law; applicable land use plans; proximity to real property currently used for residential use, and to commercial, industrial, agricultural, and/or recreational areas; environmental justice impacts, Federal or State land use designations; population growth patterns and projections; accessibility to existing infrastructure; proximity of the site to important cultural resources and natural resources, potential vulnerability of groundwater to contamination that might emanate from the site, proximity to flood plains, geography and geology; and current Institutional Controls applicable to the site.

Because of the complete soil removal proposed for the Track 1 alternative, it provides protection of public health and the environment for both the proposed use of the Site and any future use. Track 1 does not allow engineering controls that would provide protection against off site vapor migration. The Track 1 alternative provides a remedial action that is beneficial to the surrounding community and is consistent with the goals of the City for remediating and redeveloping brownfield sites.

The Track 4 alternative also provides sufficient environmental and public health protection for the intended use. This alternative would allow the use of engineering controls and institutional controls that would provide protections against of site vapor migration.

Both alternatives for remedial action at the site are comparable with respect to the proposed use and to land uses in the vicinity of the Site. The proposed use is consistent with the existing zoning designation for the property and is consistent with recent development patterns. The Site is surrounded by commercial and residential properties and both alternatives provide comprehensive protection of public health and the environment for these uses. Improvements in the current brownfield condition of the property achieved by both alternatives are also consistent with the City's goals for cleanup of contaminated land and bringing such properties into productive reuse. Both alternatives are equally protective of natural resources and cultural resources. This RAWP will be subject to public review under the NYC BCP and will provide the opportunity for detailed public input on the land use factors described in this section. This public comment will be considered by OER prior to approval of this plan.

### **Sustainability of the Remedial Action**

This criterion evaluates the overall sustainability of the remedial action alternatives and the degree to which sustainable means are employed to implement the remedial action including those that take into consideration NYC's sustainability goals defined in *PlaNYC: A Greener, Greater New York*. Sustainability goals may include: maximizing the recycling and reuse of non-virgin materials; reducing the consumption of virgin and non-renewable resources; minimizing energy consumption and greenhouse gas emissions; improving energy efficiency; and promotion of the use of native vegetation and enhancing biodiversity during landscaping associated with Site development.

While Alternative 2 would result in lower energy use based on reducing the volume of material transported off-site, both remedial alternatives are comparable with respect to the opportunity to achieve sustainable remedial action.

## **4.0 REMEDIAL ACTION**

### **4.1 SUMMARY OF PREFERRED REMEDIAL ACTION**

The preferred remedial action alternative is the Track 4 Alternative. It is expected that development based excavation to a depth of 7 feet may enable attainment of Track 1 SCOs in soils remaining on the property. This alternative also allows for the use of engineering and institutional controls to provide for mitigation against soil vapors from offsite. The preferred remedial action alternative achieves protection of public health and the environment for the intended use of the property. The preferred remedial action alternative will achieve all of the remedial action objectives established for the project and addresses applicable SCGs. The preferred remedial action alternative is effective in both the short-term and long-term and reduces mobility, toxicity and volume of contaminants. The preferred remedial action alternative is cost effective and implementable and uses standards methods that are well established in the industry.

The proposed remedial action will consist of:

1. Preparation of a Community Protection Statement and implementation of a Citizen Participation Plan.
2. Perform a Community Air Monitoring Program for particulates and volatile organic carbon compounds.
3. Establish Track 4 Soil Cleanup Objectives (SCOs).
4. Site mobilization involving Site security setup, equipment mobilization, utility mark outs and marking & staking excavation areas.
5. Implementation of storm-water pollution prevention measures in compliance with applicable laws and regulations.
6. Excavation and removal of soil/fill exceeding SCOs.
7. Removal of underground storage tanks and closure of petroleum spills in compliance with applicable local, State and Federal laws and regulations.

8. Collection and analysis of end-point samples to determine the performance of the remedy with respect to attainment of SCOs.
9. Screening of excavated soil/fill during intrusive work for indications of contamination by visual means, odor, and monitoring with a PID.
10. Transportation and off-Site disposal of all soil/fill material at permitted facilities in accordance with applicable laws and regulations for handling, transport, and disposal, and this plan. Sampling and analysis of excavated media as required by disposal facilities. Appropriate segregation of excavated media onsite.
11. Demarcation of residual soil/fill.
12. Import of materials to be used for backfill and cover in compliance with this plan and in accordance with applicable laws and regulations.
13. Installation of a vapor barrier system beneath the building slab.
14. Installation and operation of an active sub-slab depressurization system.
15. Construction and maintenance of an engineered composite cover consisting of concrete to prevent human exposure to residual soil/fill remaining under the Site;
16. Submission of a RAR that describes the remedial activities, certifies that the remedial requirements have been achieved, defines the Site boundaries, and describes all Engineering and Institutional Controls to be implemented at the Site, and lists any changes from this RAWP.
17. Submission of an approved Site Management Plan (SMP) in the RAR for long-term management of residual contamination, including plans for operation, maintenance, monitoring, inspection and certification of Engineering and Institutional Controls and reporting at a specified frequency. Recording of a Declaration of Covenants and Restrictions that includes a listing of Engineering Controls and a requirement that management of these controls must be in compliance with an approved SMP; and Institutional Controls including prohibition of the following: (1) vegetable gardening and farming; (2) use of groundwater without treatment rendering it safe for the intended use; (3) disturbance of residual contaminated material unless it is conducted

in accordance with the SMP; and (4) higher level of land usage without OER-approval.

18. Performance of all activities required for the remedial action, including permitting requirements and pretreatment requirements, in compliance with applicable laws and regulations.

#### **4.2 SOIL CLEANUP OBJECTIVES AND SOIL/FILL MANAGEMENT**

Track 4 Soil Cleanup Objectives (SCOs) are proposed for this project. Track 4 cleanup standards are proposed for this project. The Track 4 Soil Cleanup Objectives for the Site are:

<b><u>Contaminant</u></b>	<b><u>Track 4 SCOs</u></b>
Total SVOCs	250 ppm
Arsenic	23 ppm
Copper	270 ppm (Track 2 Restricted Residential SCO)
Lead	400 ppm (Track 2 Restricted Residential SCO)
Nickel	140 ppm (Track 2 Restricted Residential SCO)
Zinc	2200 ppm (Track 2 Restricted Residential SCO)

Soil and materials management on-Site and off-Site, including excavation, handling and disposal, will be conducted in accordance with the Soil/Materials Management Plan in Appendix 3.

Discrete contaminant sources (such as hotspots) identified during the remedial action will be identified by GPS or surveyed. This information will be provided in the Remedial Action Report.

#### **Estimated Soil/Fill Removal Quantities**

The total quantity of soil/fill expected to be excavated and disposed off-Site is 4,000 cubic yards.

The proposed disposal locations for Site-derived impacted materials are listed below. Additional disposal locations established at a later date will be reported promptly to the OER Project Manager.

<u>Disposal Facility</u>	<u>Waste Type</u>	<u>Estimated Quantities</u>
Clean Earth, Carteret, New Jersey	Petroleum contaminated soil	
110 Sand Company, West Babylon, New York	Need OER/DEC approval and more details	

### **End-Point Sampling**

Hot Spot removal actions under this plan will be performed in conjunction with remedial end-point sampling. End-point sampling frequency will consist of the following:

1. For excavations less than 20 feet in total perimeter, at least one bottom sample and one sidewall sample biased in the direction of surface runoff.
2. For excavations 20 to 300 feet in perimeter:
  - For surface removals, one sample from the top of each sidewall for every 30 linear feet of sidewall and one sample from the excavation bottom for every 900 square feet of bottom area.
  - For subsurface removals, one sample from each sidewall for every 30 linear feet of sidewall and one sample from the excavation bottom for every 900 square feet of bottom area.
3. For sampling of volatile organics, bottom samples should be taken within 24 hours of excavation, and should be taken from the zero to six-inch interval at the excavation floor. Samples taken after 24 hours should be taken at six to twelve inches.

4. For contaminated soil removal, post remediation soil samples for laboratory analysis should be taken immediately after contaminated soil removal. If the excavation is enlarged horizontally, additional soil samples will be taken pursuant to bullets 1-3 above.

Post-remediation sample locations and depth will be biased towards the areas and depths of highest contamination identified during previous sampling episodes unless field indicators such as field instrument measurements or visual contamination identified during the remedial action indicate that other locations and depths may be more heavily contaminated. In all cases, post-remediation samples should be biased toward locations and depths of the highest expected contamination.

New York State ELAP certified labs will be used for all end-point sample analyses. Labs for end-point sample analyses will be reported in the RAR. The RAR will provide a tabular and map summary of all end-point sample results and will include all data including non-detects and applicable standards and/or guidance values. End-point samples will be analyzed for trigger analytes (those for which SCO exceedence is identified) utilizing the following methodology:

Soil analytical methods will include:

- 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.

If either LNAPL and/or DNAPL are detected, appropriate samples will be collected for characterization and “finger print analysis” and required regulatory reporting (i.e. spills hotline) will be performed.

### **Quality Assurance/Quality Control**

Endpoint soil samples will be containerized in laboratory-prepared jars, labeled, sealed, and placed in a chilled cooler for shipment to the laboratory. Chain of Custody procedures outlined in the RIWP will followed.

Soil samples were analyzed by an ELAP-certified laboratory approved by the NYSDOH. For every 20 soil samples, one duplicate soil sample will also be collected and analyzed for all parameters.

### **Import and Reuse of Soils**

Import of soils onto the property and reuse of soils already onsite is not anticipated. In the event that import and/or reuse of soils is necessary, import and/or reuse will be performed in conformance with the Soil/Materials Management Plan in Appendix 3.

The Site will not require any backfilling.

### **4.3 ENGINEERING CONTROLS**

Engineering Controls were employed in the remedial action to address residual contamination remaining at the site. The Site has three primary Engineering Control Systems. These are:

- Composite cover system consisting of concrete
- Soil vapor barrier;
- Active sub-slab depressurization system.

#### **Composite Cover System**

Exposure to residual soil/fill will be prevented by an engineered, composite cover system to be built on the Site. This composite cover system is comprised of:

- concrete covered sidewalks; and
- concrete building foundation slab and sidewalls.

Exposure to residual soil will be prevented by concrete building slab and sidewalls. Also any open areas on Site including sidewalks will be capped with concrete. The composite cover system is a permanent engineering control for the Site. The system will be inspected and reported at specified intervals as required by this RAWP and the SMP.

A Soil Management Plan will be included in the Site Management Plan and will outline the procedures to be followed in the event that the composite cover system and underlying residual soil/fill is disturbed after the remedial action is complete. Maintenance of this composite cover system will be described in the Site Management Plan in the RAR.

### **Vapor Barrier**

Migration of soil vapor will be mitigated with a combination of building slab and vapor barrier. In order to prevent subsurface vapors from impacting the interior air of the buildings at the Site a vapor barrier system (VBS) consisting of a 30-mil geomembrane liner will be installed beneath the cellar foundation and sidewalls.

The VBS will be installed under the direct oversight of a Hydro Tech Environmental (Hydro Tech) Engineer. Following completion of all site construction, Hydro Tech will document the installation of the VBS in the Closure Report.

### **Sub-slab depressurization**

Migration of soil vapor will be mitigated with the construction of an active sub-slab depressurization system (SSDS). The SSDS will be installed under the direct oversight of a Hydro Tech Engineer. Following completion of all site construction, Hydro Tech will document the installation of the SSDS in the Closure Report.

## **4.4 INSTITUTIONAL CONTROLS**

Institutional Controls (IC) have been incorporated in this remedial action to manage residual soil/fill and other media and render the Site protective of public health and the environment. Institutional Controls are listed below. Long-term employment of EC/ICs will be established in a Declaration of Covenant and Restrictions (DCR) assigned to the property by the title holder and will be implemented under a site-specific Site Management Plan (SMP) that will be included in the RAR.

Institutional Controls for this remedial action are:

- Recording of an OER-approved Declaration of Covenant and Restrictions (DCR) with the City Register or county clerk, as appropriate. The DCR will include a description of all ECs and ICs, will summarize the requirements of the Site Management Plan, and will

note that the property owner and property owner's successors and assigns must comply with the DCR and the approved SMP. The recorded DCR will be submitted in the Remedial Action Report. The DCR will be recorded prior to OER issuance of the Notice of Completion;

- Submittal of a Site Management Plan in the RAR for approval by OER that provides procedures for appropriate operation, maintenance, monitoring, inspection, reporting and certification of ECs. SMP will require that the property owner and property owner's successors and assigns will submit to OER a periodic written statement that certifies that: (1) controls employed at the Site are unchanged from the previous certification or that any changes to the controls were approved by OER; and, (2) nothing has occurred that impairs the ability of the controls to protect public health and environment or that constitute a violation or failure to comply with the SMP. OER retains the right to enter the Site in order to evaluate the continued maintenance of any controls. This certification shall be submitted annually and will comply with RCNY §43-1407(1)(3).
- Vegetable gardens and farming on the Site are prohibited;
- Use of groundwater underlying the Site is prohibited without treatment rendering it safe for its intended use;
- All future activities on the Site that will disturb residual material must be conducted pursuant to the soil management provisions in an approved SMP;
- The Site will be used for residential use and will not be used for a higher level of use without prior approval by OER.

#### **4.5 SITE MANAGEMENT PLAN**

Site Management is the last phase of remediation and begins with the approval of the Remedial Action Report and issuance of the Notice of Completion (NOC) for the Remedial Action. The Site Management Plan (SMP) describes appropriate methods and procedures to ensure implementation of all ECs and ICs that are required by the DCR and this RAWP.

The Site Management Plan is submitted as part of the RAR but will be written in a manner that allows its use as an independent document. Site Management continues until terminated in writing by OER. The property owner is responsible to ensure that all Site Management responsibilities defined in the DCR and the Site Management Plan are implemented.

The SMP will provide a detailed description of the procedures required to manage residual soil/fill left in place following completion of the remedial action in accordance with the Brownfield Cleanup Agreement with OER. This includes a plan for: (1) implementation of EC's and ICs; (2) implementation of monitoring programs; (3) operation and maintenance of EC's; (4) inspection and certification of EC's; and (5) reporting.

Site management activities, reporting, and EC/IC certification will be scheduled on an periodic basis to be established in the SMP and will be subject to review and modification by OER. The Site Management Plan will be based on a calendar year and certification reports will be due for submission to OER by March 31 of the year following the reporting period.

#### **4.6 QUALITATIVE HUMAN HEALTH EXPOSURE ASSESSMENT**

Investigations reported in the Remedial Investigation Report (RIR) are sufficient to complete a Qualitative Human Health Exposure Assessment (QHHEA). As part of the BCP process, a QHHEA was performed to determine whether the Site poses an existing or future health hazard to the Site's exposed or potentially exposed population. The sampling data from the RI were evaluated to determine whether there is any health risk by characterizing the exposure setting, identifying exposure pathways, and evaluating contaminant fate and transport. This EA was prepared in accordance with Appendix 3B and Section 3.3 (b) 8 of the NYSDEC Draft DER-10 Technical Guidance for Site Investigation and Remediation.

##### **Known and Potential Sources**

Based on the results of the RIR, the contaminants of concern are:

Soil:

- Metals, including arsenic, barium, cadmium, copper, lead, nickel and chromium trivalent, exceeding Track 2 Restricted Residential SCOs;

- The PAH SVOCs, including benzo(a) anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene and chysene exceeding its Track 2 Restricted Residential SCO;

Groundwater:

- Metals, including calcium, iron, magnesium, manganese, potassium and sodium exceeding GQS.

Soil Vapor:

- VOCs detected at moderate concentrations. VOCs include trimethylbenzene, acetone, carbon disulphide, ethyl benzene, hexane, toluene and PCE.

### **Nature, Extent, Fate and Transport of Contaminants**

Soil: Metals, SVOCs and VOCs are present throughout the site in shallow soil.

Groundwater: Some saline minor metals were identified in groundwater and are believed to be associated with regional groundwater impacts.

Soil Vapor: Detected VOCs in the soil vapor corresponds with the detected VOCs in soil.

### **Potential Routes of Exposure**

The five elements of an exposure pathway are: (1) a contaminant source; (2) contaminant release and transport mechanisms; (3) a point of exposure; (4) a route of exposure; and (5) a receptor population. An exposure pathway is considered complete when all five elements of an exposure pathway are documented. A potential exposure pathway exists when any one or more of the five elements comprising an exposure pathway cannot be documented. An exposure pathway may be eliminated from further evaluation when any one of the five elements comprising an exposure pathway has not existed in the past, does not exist in the present, and will never exist in the future. Three potential primary routes exist by which chemicals can enter the body:

- Ingestion of water, fill, or soil;
- Inhalation of vapors and particulates; and
- Dermal contact with water, fill, soil, or building materials.

## **Existence of Human Health Exposure**

*Current Conditions:* Potential exposure pathways include ingestion and dermal contact with soil/fill. There is no potential for contaminated soil vapors to accumulate, as there are no structures currently on site. Direct exposures are currently controlled by the use of a construction security fence.

*Construction/ Remediation Activities:* The potential exposure pathways to onsite contamination are by ingestion, dermal, or inhalation exposure by onsite workers during the remedial action. During the remedial action, on-site exposure pathways will be minimized by preventing access to the site, through implementation of soil/ materials management, dust controls and CHASP.

*Proposed Future Conditions:* Under future remediated conditions, most or all soils in excess of Track 1 SCOs will be removed and the site will meet, at minimum, Track 4 SCOs. The site will be fully capped, limiting potential direct exposure to soil and groundwater remaining in place, and engineering controls including a vapor barrier and sub-slab depressurization system will prevent potential for inhalation via soil vapor intrusion. The site is served by a public water supply and groundwater is not used at the site. There are no plausible off-site pathways for ingestion, inhalation, or dermal exposure to contaminants derived from the site.

## **Receptor Populations**

*On-Site Receptors:* During construction, onsite receptors will include construction worker and visitors. After construction, onsite receptors will include child and adult residents and occupants of the site, employees and commercial customers.

*Off-Site Receptors:* Potential off-site receptors within a 0.25-mile radius of the Site include: adult and child residents, and commercial and construction workers, pedestrians, trespassers, and cyclists, based on the following:

1. Commercial Businesses – existing and future
2. Residential Buildings – existing and future
3. Building Construction/Renovation – existing and future
4. Pedestrians, Trespassers, Cyclists– existing and future
5. Schools– existing and future

## **Overall Human Health Exposure Assessment**

Complete on-site exposure pathways appear to be present only during the current unremediated phase and the construction and remediation phase. Under current conditions, on-site exposure pathways are limited by preventing access to the site.

During the remedial action, on-site exposure pathways will be limited by preventing access to the site, through implementation of soil/materials management and dust controls.

After the remedial action is complete, there will be no remaining exposure pathways. The vapor barrier, SSDS and the composite cover and long-term site management will interrupt any remaining exposure pathways. Continued protection after the remedial action will be achieved by the implementation of site management including periodic inspection and certification of the performance of remedial controls.

## **5.0 REMEDIAL ACTION MANAGEMENT**

### **5.1 PROJECT ORGANIZATION AND OVERSIGHT**

Principal personnel who will participate in the remedial action include Ezgi Karayel (project manager) and Rachel Ataman, Vice President. The Professional Engineer (PE) for this project is Shaik Saad, and the Qualified Environmental Professionals (QEP) for this project is Mark E. Robbins.

### **5.2 SITE SECURITY**

Site access will be controlled by Barriers will be installed around work areas as needed to delineate and restrict access to the work area. For work areas of limited size, barrier tape will be sufficient to delineate and restrict access. For larger worker areas, temporary fencing will be provided.

### **5.3 WORK HOURS**

The hours for operation of remedial construction will be from 7:30 am to 5:00 pm. These hours conform to the New York City Department of Buildings construction code requirements.

### **5.4 CONSTRUCTION HEALTH AND SAFETY PLAN**

The Health and Safety Plan is included in Appendix 4. The Site Safety Coordinator will be Ezgi Karayel. Remedial work performed under this RAWP will be in full compliance with applicable health and safety laws and regulations, including Site and OSHA worker safety requirements and HAZWOPER requirements. Confined space entry, if any, will comply with OSHA requirements and industry standards and will address potential risks. The parties performing the remedial construction work will ensure that performance of work is in compliance with the HASP and applicable laws and regulations. The HASP pertains to remedial and invasive work performed at the Site until the issuance of the Notice of Completion.

All field personnel involved in remedial activities will participate in training required under 29 CFR 1910.120, including 40-hour hazardous waste operator training and annual 8-hour refresher training. Site Safety Officer will be responsible for maintaining workers training records.

Personnel entering any exclusion zone will be trained in the provisions of the HASP and be required to sign an HASP acknowledgment. Site-specific training will be provided to field personnel. Additional safety training may be added depending on the tasks performed. Emergency telephone numbers will be posted at the site location before any remedial work begins. A safety meeting will be conducted before each shift begins. Topics to be discussed include task hazards and protective measures (physical, chemical, environmental); emergency procedures; PPE levels and other relevant safety topics. Meetings will be documented in a log book or specific form.

An emergency contact sheet with names and phone numbers is included in the HASP. That document will define the specific project contacts for use in case of emergency.

## **5.5 COMMUNITY AIR MONITORING PLAN**

Real-time air monitoring for volatile organic compounds (VOCs) and particulate levels at the perimeter of the exclusion zone or work area will be performed. Continuous monitoring will be performed for all ground intrusive activities and during the handling of contaminated or potentially contaminated media. Ground intrusive activities include, but are not limited to, soil/waste excavation and handling, test pit excavation or trenching, and the installation of soil borings or monitoring wells.

Periodic monitoring for VOCs will be performed during non-intrusive activities such as the collection of soil and sediment samples or the collection of groundwater samples from existing monitoring wells. Periodic monitoring during sample collection, for instance, will consist of taking a reading upon arrival at a sample location, monitoring while opening a well cap or overturning soil, monitoring during well baling/purging, and taking a reading prior to leaving a sample location. Depending upon the proximity of potentially exposed individuals, continuous monitoring may be performed during sampling activities.

Examples of such situations include groundwater sampling at wells on the curb of a busy urban street, in the midst of a public park, or adjacent to a school or residence.

Exceedences of action levels observed during performance of the Community Air Monitoring Plan (CAMP) will be reported to the OER Project Manager and included in the Daily Report.

### **VOC Monitoring, Response Levels, and Actions**

Volatile organic compounds (VOCs) will be monitored at the downwind perimeter of the immediate work area (i.e., the exclusion zone) on a continuous basis during invasive work. Upwind concentrations will be measured at the start of each workday and periodically thereafter to establish background conditions. The monitoring work will be performed using equipment appropriate to measure the types of contaminants known or suspected to be present. The equipment will be calibrated at least daily for the contaminant(s) of concern or for an appropriate surrogate. The equipment will be capable of calculating 15-minute running average concentrations, which will be compared to the levels specified below.

- If the ambient air concentration of total organic vapors at the downwind perimeter of the work area or exclusion zone exceeds 5 parts per million (ppm) above background for the 15-minute average, work activities will be temporarily halted and monitoring continued. If the total organic vapor level readily decreases (per instantaneous readings) below 5 ppm over background, work activities will resume with continued monitoring.
- If total organic vapor levels at the downwind perimeter of the work area or exclusion zone persist at levels in excess of 5 ppm over background but less than 25 ppm, work activities will be halted, the source of vapors identified, corrective actions taken to abate emissions, and monitoring continued. After these steps, work activities will resume provided that the total organic vapor level 200 feet downwind of the exclusion zone or half the distance to the nearest potential receptor or residential/commercial structure, whichever is less - but in no case less than 20 feet, is below 5 ppm over background for the 15-minute average.
- If the organic vapor level is above 25 ppm at the perimeter of the work area, activities will be shutdown.

All 15-minute readings must be recorded and be available for OER personnel to review. Instantaneous readings, if any, used for decision purposes will also be recorded.

### **Particulate Monitoring, Response Levels, and Actions**

Particulate concentrations will be monitored continuously at the upwind and downwind perimeters of the exclusion zone at temporary particulate monitoring stations. The particulate monitoring will be performed using real-time monitoring equipment capable of measuring particulate matter less than 10 micrometers in size (PM-10) and capable of integrating over a period of 15 minutes (or less) for comparison to the airborne particulate action level. The equipment will be equipped with an audible alarm to indicate exceedance of the action level. In addition, fugitive dust migration should be visually assessed during all work activities.

- If the downwind PM-10 particulate level is 100 micrograms per cubic meter ( $\text{mcg}/\text{m}^3$ ) greater than background (upwind perimeter) for the 15-minute period or if airborne dust is observed leaving the work area, then dust suppression techniques will be employed. Work will continue with dust suppression techniques provided that downwind PM-10 particulate levels do not exceed  $150 \text{ mcg}/\text{m}^3$  above the upwind level and provided that no visible dust is migrating from the work area.
- If, after implementation of dust suppression techniques, downwind PM-10 particulate levels are greater than  $150 \text{ mcg}/\text{m}^3$  above the upwind level, work will be stopped and a re-evaluation of activities initiated. Work will resume provided that dust suppression measures and other controls are successful in reducing the downwind PM-10 particulate concentration to within  $150 \text{ mcg}/\text{m}^3$  of the upwind level and in preventing visible dust migration.

All readings will be recorded and be available for OER personnel to review.

## **5.6 AGENCY APPROVALS**

All permits or government approvals required for remedial construction have been or will be obtained prior to the start of remedial construction. Approval of this RAWP by OER does not constitute satisfaction of these requirements and will not be a substitute for any required permit.

## **5.7 SITE PREPARATION**

### **Pre-Construction Meeting**

OER will be invited to attend the pre-construction meeting at the Site with all parties involved in the remedial process prior to the start of remedial construction activities.

### **Mobilization**

Mobilization will be conducted as necessary for each phase of work at the Site. Mobilization includes field personnel orientation, equipment mobilization (including securing all sampling equipment needed for the field investigation), marking/staking sampling locations and utility mark-outs. Each field team member will attend an orientation meeting to become familiar with the general operation of the Site, health and safety requirements, and field procedures.

### **Utility Marker Layouts, Easement Layouts**

The presence of utilities and easements on the Site will be fully investigated prior to the performance of invasive work such as excavation or drilling under this plan by using, at a minimum, the One-Call System (811). Underground utilities may pose an electrocution, explosion, or other hazard during excavation or drilling activities. All invasive activities will be performed in compliance with applicable laws and regulations to assure safety. Utility companies and other responsible authorities will be contacted to locate and mark the locations, and a copy of the Markout Ticket will be retained by the contractor prior to the start of drilling, excavation or other invasive subsurface operations. Overhead utilities may also be present within the anticipated work zones. Electrical hazards associated with drilling in the vicinity of overhead utilities will be prevented by maintaining a safe distance between overhead power lines and drill rig masts.

Proper safety and protective measures pertaining to utilities and easements, and compliance with all laws and regulations will be employed during invasive and other work contemplated under this RAWP. The integrity and safety of on-Site and off-Site structures will be maintained during all invasive, excavation or other remedial activity performed under the RAWP.

## **Equipment and Material Staging**

Equipment and materials will be stored and staged in a manner that complies with applicable laws and regulations. The location of proposed equipment and material staging areas, truck inspection station, stockpile areas, and other pertinent remedial management features will be decided on and managed by the construction manager for the Site. Updates regarding this information will be forwarded to the OER.

## **Stabilized Construction Entrance**

Steps will be taken to ensure that trucks departing the site will not track soil, fill or debris off-Site. Such actions may include use of cleaned asphalt or concrete roads or use of stone or other aggregate-based egress paths between the truck inspection station and the property exit. Measures will be taken to ensure that adjacent roadways will be kept clean of project related soils, fill and debris.

## **Truck Inspection Station**

An outbound-truck inspection station will be set up close to the Site exit. Before exiting the NYC BCP Site, trucks will be required to stop at the truck inspection station and will be examined for evidence of contaminated soil on the undercarriage, body, and wheels. Soil and debris will be removed. Brooms, shovels and potable water will be utilized for the removal of soil from vehicles and equipment, as necessary.

## **5.8 TRAFFIC CONTROL**

Drivers of trucks leaving the NYC BCP Site with soil/fill will be instructed to proceed without stopping in the vicinity of the site to prevent neighborhood impacts. The planned route on local roads for trucks leaving the site will be planned by the construction manager for the Site and reported to OER.

## **5.9 DEMOBILIZATION**

Demobilization will include:

- As necessary, restoration of temporary access areas and areas that may have been disturbed to accommodate support areas (e.g., staging areas, decontamination areas, storage areas, temporary water management areas, and access area);
- Removal of sediment from erosion control measures and truck wash and disposal of materials in accordance with applicable laws and regulations;
- Equipment decontamination, and;
- General refuse disposal.

Equipment will be decontaminated and demobilized at the completion of all field activities. Investigation equipment and large equipment (e.g., soil excavators) will be washed at the truck inspection station as necessary. In addition, all investigation and remediation derived waste will be appropriately disposed.

## **5.10 REPORTING AND RECORD KEEPING**

### **Daily Reports**

Daily reports providing a general summary of activities for each day of *active remedial work* will be emailed to the OER Project Manager by the end of the following day. Those reports will include:

- Project number and statement of the activities and an update of progress made and locations of work performed;
- Quantities of material imported and exported from the Site;
- Status of on-Site soil/fill stockpiles;
- A summary of all citizen complaints, with relevant details (basis of complaint; actions taken; etc.);
- A summary of CAMP excursions, if any;
- Photograph of notable Site conditions and activities.

The frequency of the reporting period may be revised in consultation with OER project manager based on planned project tasks.

Daily email reports are not intended to be the primary mode of communication for notification to OER of emergencies (accidents, spills), requests for changes to the RAWP or other sensitive or time critical information. However, such information will be included in the daily reports. Emergency conditions and changes to the RAWP will be communicated directly to the OER project manager by personal communication. Daily reports will be included as an Appendix in the Remedial Action Report.

### **Record Keeping and Photo-Documentation**

Job-site record keeping for all remedial work will be performed. These records will be maintained on-Site during the project and will be available for inspection by OER staff. Representative photographs will be taken of the Site prior to any remedial activities and during major remedial activities to illustrate remedial program elements and contaminant source areas. Photographs will be submitted at the completion of the project in the RAR in digital format (i.e. jpeg files).

### **5.11 COMPLAINT MANAGEMENT**

All complaints from citizens will be promptly reported to OER. Complaints will be addressed and outcomes will also be reported to OER in daily reports. Notices to OER will include the nature of the complaint, the party providing the complaint, and the actions taken to resolve any problems.

### **5.12 DEVIATIONS FROM THE REMEDIAL ACTION WORK PLAN**

All changes to the RAWP will be reported to the OER Project Manager and will be documented in daily reports and reported in the Remedial Action Report. The process to be followed if there are any deviations from the RAWP will include a request for approval for the change from OER noting the following:

- Reasons for deviating from the approved RAWP;
- Effect of the deviations on overall remedy; and

- Determination that the remedial action with the deviation(s) is protective of public health and the environment.

### **5.13 DATA USABILITY SUMMARY REPORT**

The primary objective of a Data Usability Summary Report (DUSR) is to determine whether or not data meets the site specific criteria for data quality and data use. The DUSR provides an evaluation of analytical data without third party data validation. The DUSR for post-remedial samples collected during implementation of this RAWP will be included in the Remedial Action Report (RAR).

## **6.0 REMEDIAL ACTION REPORT**

A Remedial Action Report (RAR) will be submitted to OER following implementation of the remedial action defined in this RAWP. The RAR will document that the remedial work required under this RAWP has been completed and has been performed in compliance with this plan. The RAR will include:

- Information required by this RAWP;
- As-built drawings for all constructed remedial elements, required certifications, manifests and other written and photographic documentation of remedial work performed under this remedy;
- Site Management Plan;
- Description of any changes in the remedial action from the elements provided in this RAWP and associated design documents;
- Tabular summary of all end point sampling results and all material characterization results, QA/QC results for end-point sampling, and other sampling and chemical analysis performed as part of the remedial action and DUSR;
- Test results or other evidence demonstrating that remedial systems are functioning properly;
- Account of the source area locations and characteristics of all contaminated material removed from the Site including a map showing source areas;
- Account of the disposal destination of all contaminated material removed from the Site. Documentation associated with disposal of all material will include transportation and disposal records, and letters approving receipt of the material.
- Account of the origin and required chemical quality testing for material imported onto the Site.
- Recorded Declaration of Covenants and Restrictions.
- Reports and supporting material will be submitted in digital form.

## Remedial Action Report Certification

The following certification will appear in front of the Executive Summary of the Remedial Action Report. The certification will include the following statements:

*I, Shaik A. Saad, am currently a professional engineer licensed by the State of New York. I had primary direct responsibility for implementation of the remedial program for the 1309-1321 38<sup>th</sup> Street Site (NYC BCP Site No. 12CVCP048K).*

*I certify that the OER-approved Remedial Action Work Plan dated **month day year** and Stipulations in a letter dated **month day, year; if any** were 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.*

## 7.0 SCHEDULE

The table below presents a schedule for the proposed remedial action and reporting. If the schedule for remediation and development activities changes, it will be updated and submitted to OER. Currently, a 43 month remediation period is anticipated.

<b>Schedule Milestone</b>	<b>Weeks from Remedial Action Start</b>	<b>Duration (weeks)</b>
OER Approval of RAWP		4
Fact Sheet 2 announcing start of remedy		0
Mobilization	5	1
Remedial Excavation	9	4
Vapor Barrier Installation	10	1
Footings/Foundation	15	5
Construction	40	25
Submit Remedial Action Report	43	3

## **APPENDIX 1**

### **CITIZEN PARTICIPATION PLAN**

The NYC Office of Environmental Remediation and M&Y Developers, Inc. have established this Citizen Participation Plan because the opportunity for citizen participation is an important component of the NYC Brownfield Cleanup Program. This Citizen Participation Plan describes how information about the project will be disseminated to the Community during the remedial process. As part of its obligations under the NYC BCP, M&Y Developers, Inc. will maintain a repository for project documents and provide public notice at specified times throughout the remedial program. This Plan also takes into account potential environmental justice concerns in the community that surrounds the project Site. Under this Citizen Participation Plan, project documents and work plans are made available to the public in a timely manner. Public comment on work plans is strongly encouraged during public comment periods. Work plans are not approved by the NYC Office of Environmental Remediation (OER) until public comment periods have expired and all comments are formally reviewed. An explanation of cleanup plans in the form of a public meeting or informational session is available upon request to OER's project manager assigned to this Site, Michael Mandac, who can be contacted about these issues or any others questions, comments or concerns that arise during the remedial process at (212) 788-3922.

**Project Contact List.** OER has established a Site Contact List for this project to provide public notices in the form of fact sheets to interested members of the Community. Communications will include updates on important information relating to the progress of the cleanup program at the Site as well as to request public comments on the cleanup plan. The Project Contact List includes owners and occupants of adjacent buildings and homes, principal administrators of nearby schools, hospitals and day care centers, the public water supplier that serves the area, established document repositories, the representative Community Board, City Council members, other elected representatives and any local Brownfield Opportunity Area (BOA) grantee organizations. Any member of the public or organization will be added to the Site Contact List on request. A copy of the Site Contact List is maintained by OER's project manager. If you would like to be added to the Project Contact List, contact NYC OER at (212) 788-8841 or by email at [brownfields@cityhall.nyc.gov](mailto:brownfields@cityhall.nyc.gov).

**Repositories.** A document repository is maintained in the nearest public library that maintains evening and weekend hours. This document repository is intended to house, for community review, all principal documents generated during the cleanup program including Remedial Investigation plans and reports, Remedial Action work plans and reports, and all public notices and fact sheets produced during the lifetime of the remedial project. M&Y Developers, Inc. will inspect the repositories to ensure that they are fully populated with project information. The repository for this project is:

Brooklyn Public Library Kensington Branch

410 Ditmas Avenue, Brooklyn, NY

(718) 435-9431

M: 10:00 am-6:00 pm, T: 10:00 am-8:00 pm, W: 10:00 am-6:00 pm, Th: 10:00 am-8:00 pm,

F: 10:00 am-6:00 pm, S: 10:00 am-5:00 pm, Sunday: closed

**Digital Documentation.** NYC OER strongly encourages the use of digital documents in repositories as a means of minimizing paper use while also increasing convenience in access and ease of use.

**Public Notice and Public Comment.** Public notice to all members of the Project Contact List is required at three major steps during the performance of the cleanup program (listed below) and at other points that may be required by OER. Notices will include Fact Sheets with descriptive project summaries, updates on recent and upcoming project activities, repository information, and important phone and email contact information. All notices will be prepared by M&Y Developers, Inc., reviewed and approved by OER prior to distribution and mailed by M&Y Developers, Inc. Public comment is solicited in public notices for all work plans developed under the NYC Brownfield Cleanup Program. Final review of all work plans by OER will consider all public comments. Approval will not be granted until the public comment period has been completed.

**Citizen Participation Milestones.** Public notice and public comment activities occur at several steps during a typical NYC BCP project. See flow chart on the following page, which identifies when during the NYC BCP public notices are issued: These steps include:

- **Public Notice of the availability of the Remedial Investigation Report and Remedial Action Work Plan and a 30-day public comment period on the Remedial Action Work Plan.**

Public notice in the form of a Fact Sheet is sent to all parties listed on the Site Contact List announcing the availability of the Remedial Investigation Report and Remedial Action Work Plan and the initiation of a 30-day public comment period on the Remedial Action Work Plan. The Fact Sheet summarizes the findings of the RIR and provides details of the RAWP. The public comment period will be extended an additional 15 days upon public request. A public meeting or informational session will be conducted by OER upon request.

- **Public Notice announcing the approval of the RAWP and the start of remediation**

Public notice in the form of a Fact Sheet is sent to all parties listed on the Site Contact List announcing the approval of the RAWP and the start of remediation.

- **Public Notice announcing the completion of remediation, designation of Institutional and Engineering Controls and issuance of the Notice of Completion**

- Public notice in the form of a Fact Sheet is sent to all parties listed on the Site Contact List announcing the completion of remediation, providing a list of all Institutional and Engineering Controls implemented for to the Site and announcing the issuance of the Notice of Completion.

## **APPENDIX 2**

### **SUSTAINABILITY STATEMENT**

This Sustainability Statement documents sustainable activities and green remediation efforts planned under this remedial action.

**Reuse of Clean, Recyclable Materials.** Reuse of clean, locally-derived recyclable materials reduces consumption of non-renewable virgin resources and can provide energy savings and greenhouse gas reduction.

An estimate of the quantity (in tons) of clean, non-virgin materials (reported by type of material) reused under this plan will be quantified and reported in the RAR.

**Reduce Consumption of Virgin and Non-Renewable Resources.** Reduced consumption of virgin and non-renewable resources lowers the overall environmental impact of the project on the region by conserving these resources.

An estimate of the quantity (in tons) of virgin and non-renewable resources, the use of which will be avoided under this plan, will be quantified and reported in the RAR.

**Reduced Energy Consumption and Promotion of Greater Energy Efficiency.** Reduced energy consumption lowers greenhouse gas emissions, improves local air quality, lessens in-city power generation requirements, can lower traffic congestion, and provides substantial cost savings.

Best efforts will be made to quantify energy efficiencies achieved during the remediation and will be reported in the Remedial Action Report (RAR). Where energy savings cannot be easily quantified, a gross indicator of the amount of energy saved or the means by which energy savings was achieved will be reported.

**Conversion to Clean Fuels.** Use of clean fuel improves NYC's air quality by reducing harmful emissions.

An estimate of the volume of clean fuels used during remedial activities will be quantified and reported in the RAR.

**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 or impede future redevelopment. Recontamination can arise from future releases that occur within the property or by influx of contamination from off-Site.

An estimate of the area of the Site that utilizes recontamination controls under this plan will be reported in the RAR in square feet.

**Storm-water Retention.** Storm-water retention improves water quality by lowering the rate of combined storm-water and sewer discharges to NYC's sewage treatment plants during periods of precipitation, and reduces the volume of untreated influent to local surface waters.

An estimate of the enhanced storm-water retention capability of the redevelopment project will be included in the RAR.

**Linkage with Green Building.** Green buildings provide a multitude of benefits to the city across a broad range of areas, such as reduction of energy consumption, conservation of resources, and reduction in toxic materials use.

The number of Green Buildings that are associated with this brownfield redevelopment property will be reported in the RAR. The total square footage of green building space created as a function of this brownfield redevelopment will be quantified for residential, commercial and industrial/manufacturing uses.

**Paperless Brownfield Cleanup Program.** M&Y Developers, Inc. is participating in OER's Paperless Brownfield Cleanup Program. Under this program, submission of electronic documents will replace submission of hard copies for the review of project documents, communications and milestone reports.

**Low-Energy Project Management Program.** M&Y Developers, Inc. is participating in OER's low-energy project management program. Under this program, whenever possible, meetings are held using remote communication technologies, such as videoconferencing and teleconferencing to reduce energy consumption and traffic congestion associated with personal transportation.

**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.

An estimate of the land area that will be vegetated, including the number of trees planted or preserved, will be reported in square feet in the RAR.

## **APPENDIX 3**

### **SOIL/MATERIALS MANAGEMENT PLAN**

#### **1.1 SOIL SCREENING METHODS**

Visual, olfactory and PID soil screening and assessment will be performed under the supervision of a Qualified Environmental Professional and will be reported in the RAR. Soil screening will be performed during invasive work performed during the remedy and development phases prior to issuance of the Notice of Completion.

#### **1.2 STOCKPILE METHODS**

Excavated soil from suspected areas of contamination (e.g., hot spots, USTs, drains, etc.) will be stockpiled separately and will be segregated from clean soil and construction materials. Stockpiles will be used only when necessary and will be removed as soon as practicable. While stockpiles are in place, they will be inspected daily, and before and after every storm event. Results of inspections will be recorded in a logbook and maintained at the Site and available for inspection by OER. Excavated soils will be stockpiled on, at minimum, double layers of 8-mil minimum sheeting, will be kept covered at all times with appropriately anchored plastic tarps, and will be routinely inspected. Broken or ripped tarps will be promptly replaced.

All stockpile activities will be compliant with applicable laws and regulations. Soil stockpile areas will be appropriately graded to control run-off in accordance with applicable laws and regulations. Stockpiles of excavated soils and other materials shall be located at least of 50 feet from the property boundaries, where possible. Hay bales or equivalent will surround soil stockpiles except for areas where access by equipment is required. Silt fencing and hay bales will be used as needed near catch basins, surface waters and other discharge points.

#### **1.3 CHARACTERIZATION OF EXCAVATED MATERIALS**

Soil/fill or other excavated media that is transported off-Site for disposal will be sampled in a manner required by the receiving facility, and in compliance with applicable laws and regulations. Soils proposed for reuse on-Site will be managed as defined in this plan.

## **1.4 MATERIALS EXCAVATION, LOAD-OUT AND DEPARTURE**

The PE/QEP overseeing the remedial action will:

- oversee remedial work and the excavation and load-out of excavated material;
- ensure that there is a party responsible for the safe execution of invasive and other work performed under this work plan;
- ensure that Site development activities and development-related grading cuts will not interfere with, or otherwise impair or compromise the remedial activities proposed in this RAWP;
- ensure that the presence of utilities and easements on the Site has been investigated and that any identified risks from work proposed under this plan are properly addressed by appropriate parties;
- ensure that all loaded outbound trucks are inspected and cleaned if necessary before leaving the Site;
- ensure that all egress points for truck and equipment transport from the Site will be kept clean of Site-derived materials during Site remediation.

Locations where vehicles exit the Site shall be inspected daily for evidence of soil tracking off premises. Cleaning of the adjacent streets will be performed as needed to maintain a clean condition with respect to Site-derived materials.

Open and uncontrolled mechanical processing of historical fill and contaminated soil on-Site will not be performed without prior OER approval.

## **1.5 OFF-SITE MATERIALS TRANSPORT**

Loaded vehicles leaving the Site will comply with all applicable materials transportation requirements (including appropriate covering, manifests, and placards) in accordance with applicable laws and regulations, including use of licensed haulers in accordance with 6 NYCRR Part 364. If loads contain wet material capable of causing leakage from trucks, truck liners will be used. Queuing of trucks will be performed on-Site, when possible in order to minimize off Site disturbance. Off-Site queuing will be minimized.

Outbound truck transport routes will be determined by the construction manager for the site and reported to OER prior to the start of construction. This routing takes into account the following factors: (a) limiting transport through residential areas and past sensitive sites; (b) use of mapped truck routes; (c) minimizing off-Site queuing of trucks entering the facility; (d) limiting total distance to major highways; (e) promoting safety in access to highways; and (f) overall safety in transport. To the extent possible, all trucks loaded with Site materials will travel from the Site using these truck routes. Trucks will not stop or idle in the neighborhood after leaving the project Site.

## **1.6 MATERIALS DISPOSAL OFF-SITE**

The following documentation will be established and reported by the PE/QEP for each disposal destination used in this project to document that the disposal of regulated material exported from the Site conforms with applicable laws and regulations: (1) a letter from the PE/QEP or Enrollee to each disposal facility describing the material to be disposed and requesting written acceptance of the material. This letter will state that material to be disposed is regulated material generated at an environmental remediation Site in Brooklyn, New York under a governmental remediation program. The letter will provide the project identity and the name and phone number of the PE/QEP or Enrollee. The letter will include as an attachment a summary of all chemical data for the material being transported; and (2) a letter from each disposal facility stating it is in receipt of the correspondence (1, above) and is approved to accept the material. These documents will be included in the RAR.

The Remedial Action Report will include an itemized account of the destination of all material removed from the Site during this remedial action. Documentation associated with disposal of all material will include records and approvals for receipt of the material. This information will be presented in the RAR.

All impacted soil/fill or other waste excavated and removed from the Site will be managed as regulated material and will be disposed in accordance with applicable laws and regulations. Historic fill and contaminated soils taken off-Site will be handled as solid waste and will not be disposed at a Part 360-16 Registration Facility (also known as a Soil Recycling Facility).

Waste characterization will be performed for off-Site disposal in a manner required by the receiving facility and in conformance with its applicable permits. Waste characterization sampling and analytical methods, sampling frequency, analytical results and QA/QC will be reported in the RAR. A manifest system for off-Site transportation of exported materials will be employed. Manifest information will be reported in the RAR. Hazardous wastes derived from on-Site will be stored, transported, and disposed of in compliance with applicable laws and regulations.

### **1.7 MATERIALS REUSE ON-SITE**

No material is expected to be reused onsite. Soil and fill that is derived from the property that meets the soil cleanup objectives established in this plan may be reused on-Site. The soil cleanup objectives for on-Site reuse are listed in Section 4.2.. 'Reuse on-Site' means material that is excavated during the remedy or development, does not leave the property, and is relocated within the same property and on comparable soil/fill material, and addressed pursuant to the NYC BCP agreement subject to Engineering and Institutional Controls. The PE/QEP will ensure that reused materials are segregated from other materials to be exported from the Site and that procedures defined for material reuse in this RAWP are followed.

Organic matter (wood, roots, stumps, etc.) or other waste derived from clearing and grubbing of the Site will not be buried on-Site. Soil or fill excavated from the site for grading or other purposes will not be reused within a cover soil layer or within landscaping berms.

### **1.8 DEMARCATION**

After completion of hotspot removal and any other invasive remedial activities, and prior to backfilling, the top of the residual soil/fill will be defined by one of three methods: (1) placement of a demarcation layer. The demarcation layer will consist of geosynthetic fencing or equivalent material to be placed on the surface of residual soil/fill to provide an observable reference layer.

A description or map of the approximate depth of the demarcation layer will be provided in the SMP; or (2) a land survey of the top elevation of residual soil/fill before the placement of cover soils, pavement and associated sub-soils, or other materials or structures or,

(3) all materials beneath the approved cover will be considered impacted and subject to site management after the remedy is complete. Demarcation may be established by one or any combination of these three methods. As appropriate, a map showing the method of demarcation for the Site and all associated documentation will be presented in the RAR.

This demarcation will constitute the top of the site management horizon. Materials within this horizon require adherence to special conditions during future invasive activities as defined in the Site Management Plan.

## **1.9 IMPORT OF BACKFILL SOIL FROM OFF-SITE SOURCES**

This Section presents the requirements for imported fill materials to be used below the cover layer and within the clean soil cover layer. All imported soils will meet OER-approved backfill and cover soil quality objectives for this Site.

A process will be established to evaluate sources of backfill and cover soil to be imported to the Site, and will include an examination of source location, current and historical use(s), and any applicable documentation. Material from industrial sites, spill sites, environmental remediation sites or other potentially contaminated sites will not be imported to the Site.

The following potential sources may be used pending attainment of backfill and cover soil quality objectives:

- Clean soil from construction projects at non-industrial sites in compliance with applicable laws and regulations;
- Clean soil from roadway or other transportation-related projects in compliance with applicable laws and regulations;
- Clean recycled concrete aggregate (RCA) from facilities permitted or registered by the regulations of NYS DEC.

All materials received for import to the Site will be approved by a PE/QEP and will be in compliance with provisions in this RAWP.

The RAR will report the source of the fill, evidence that an inspection was performed on the source, chemical sampling results, frequency of testing, and a Site map indicating the locations where backfill or soil cover was placed.

### **Source Screening and Testing**

Inspection of imported fill material will include visual, olfactory and PID screening for evidence of contamination. Materials imported to the Site will be subject to inspection, as follows:

- Trucks with imported fill material will be in compliance with applicable laws and regulations and will enter the Site at designated locations;
- The PE/QEP is responsible to ensure that every truck load of imported material is inspected for evidence of contamination; and
- Fill material will be free of solid waste including pavement materials, debris, stumps, roots, and other organic matter, as well as ashes, oil, perishables or foreign matter.

Composite samples of imported material will be taken at a minimum frequency of one sample for every 500 cubic yards of material. Once it is determined that the fill material meets imported backfill or cover soil chemical requirements and is non-hazardous, and lacks petroleum contamination, the material will be loaded onto trucks for delivery to the Site.

Recycled concrete aggregate (RCA) will be imported from facilities permitted or registered by NYSDEC. Facilities will be identified in the RAR. A PE/QEP is responsible to ensure that the facility is compliant with 6NYCRR Part 360 registration and permitting requirements for the period of acquisition of RCA. RCA imported from compliant facilities will not require additional testing, unless required by NYSDEC under its terms for operation of the facility. RCA imported to the Site must be derived from recognizable and uncontaminated concrete. RCA material is not acceptable for, and will not be used as cover material.

### **1.10 FLUIDS MANAGEMENT**

All liquids to be removed from the Site, including dewatering fluids, will be handled, transported and disposed in accordance with applicable laws and regulations.

Liquids discharged into the New York City sewer system will receive prior approval by New York City Department of Environmental Protection (NYC DEP). The NYC DEP regulates discharges to the New York City sewers under Title 15, Rules of the City of New York Chapter 19. Discharge to the New York City sewer system will require an authorization and sampling data demonstrating that the groundwater meets the City's discharge criteria. The dewatering fluid will be pretreated as necessary to meet the NYC DEP discharge criteria. If discharge to the City sewer system is not appropriate, the dewatering fluids will be managed by transportation and disposal at an off-Site treatment facility.

Discharge of water generated during remedial construction to surface waters (i.e. a stream or river) is prohibited without a SPDES permit issued by New York State Department of Environmental Conservation.

#### **1.11 STORM-WATER POLLUTION PREVENTION**

Applicable laws and regulations pertaining to storm-water pollution prevention will be addressed during the remedial program. Erosion and sediment control measures identified in this RAWP (silt fences and barriers, and hay bale checks) will be installed around the entire perimeter of the remedial construction area and inspected once a week and after every storm event to ensure that they are operating appropriately. Discharge locations will be inspected to determine whether erosion control measures are effective in preventing significant impacts to receptors. Results of inspections will be recorded in a logbook and maintained at the Site and available for inspection by OER. All necessary repairs shall be made immediately. Accumulated sediments will be removed as required to keep the barrier and hay bale check functional. Undercutting or erosion of the silt fence toe anchor will be repaired immediately with appropriate backfill materials. Manufacturer's recommendations will be followed for replacing silt fencing damaged due to weathering.

#### **1.12 CONTINGENCY PLAN**

This contingency plan is developed for the remedial construction to address the discovery of unknown structures or contaminated media during excavation.

Identification of unknown contamination source areas during invasive Site work will be promptly communicated to OER's Project Manager. Petroleum spills will be reported to the NYS DEC Spill Hotline. These findings will be included in the daily report. If previously unidentified contaminant sources are found during on-Site remedial excavation or development-related excavation, sampling will be performed on contaminated source material and surrounding soils and reported to OER. Chemical analytical testing will be performed for TAL metals, TCL volatiles and semi-volatiles, TCL pesticides and PCBs, as appropriate.

### **1.13 ODOR, DUST AND NUISANCE CONTROL**

#### **Odor Control**

All necessary means will be employed to prevent on- and off-Site odor nuisances. At a minimum, procedures will include: (a) limiting the area of open excavations; (b) shrouding open excavations with tarps and other covers; and (c) use of foams to cover exposed odorous soils. If odors develop and cannot otherwise be controlled, additional means to eliminate odor nuisances will include: (d) direct load-out of soils to trucks for off-Site disposal; and (e) use of chemical odorants in spray or misting systems.

This odor control plan is capable of controlling emissions of nuisance odors. If nuisance odors are identified, work will be halted and the source of odors will be identified and corrected. Work will not resume until all nuisance odors have been abated. OER will be notified of all odor complaint events. Implementation of all odor controls, including halt of work, will be the responsibility of the PE/QEP's certifying the Remedial Action Report.

#### **Dust Control**

Dust management during invasive on-Site work will include, at a minimum:

- Use of a dedicated water spray methodology for roads, excavation areas and stockpiles.
- Use of properly anchored tarps to cover stockpiles.
- Exercise extra care during dry and high-wind periods.

- Use of gravel or recycled concrete aggregate on egress and other roadways to provide a clean and dust-free road surface.

This dust control plan is capable of controlling emissions of dust. If nuisance dust emissions are identified, work will be halted and the source of dusts will be identified and corrected. Work will not resume until all nuisance dust emissions have been abated. OER will be notified of all dust complaint events. Implementation of all dust controls, including halt of work, will be the responsibility of the PE/QEP's responsible for certifying the Remedial Action Report.

### **Other Nuisances**

Noise control will be exercised during the remedial program. All remedial work will conform, at a minimum, to NYC noise control standards.

Rodent control will be provided, during Site clearing and grubbing, and during the remedial program, as necessary, to prevent nuisances.

## **APPENDIX 4**

### **CONSTRUCTION HEALTH AND SAFETY PLAN**

This will be provided with the stipulation list.

## FIGURES



**HYDRO TECH ENVIRONMENTAL CORP.**

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1309 - 1319 38th Street  
Brooklyn, NY.  
HTE Job# 110171

Drawn By:	C.Q.	TITLE:
Reviewed By:	M.R.	
Approved By:	M.S.	
Date:	03/05/12	
Scale:	AS NOTED	

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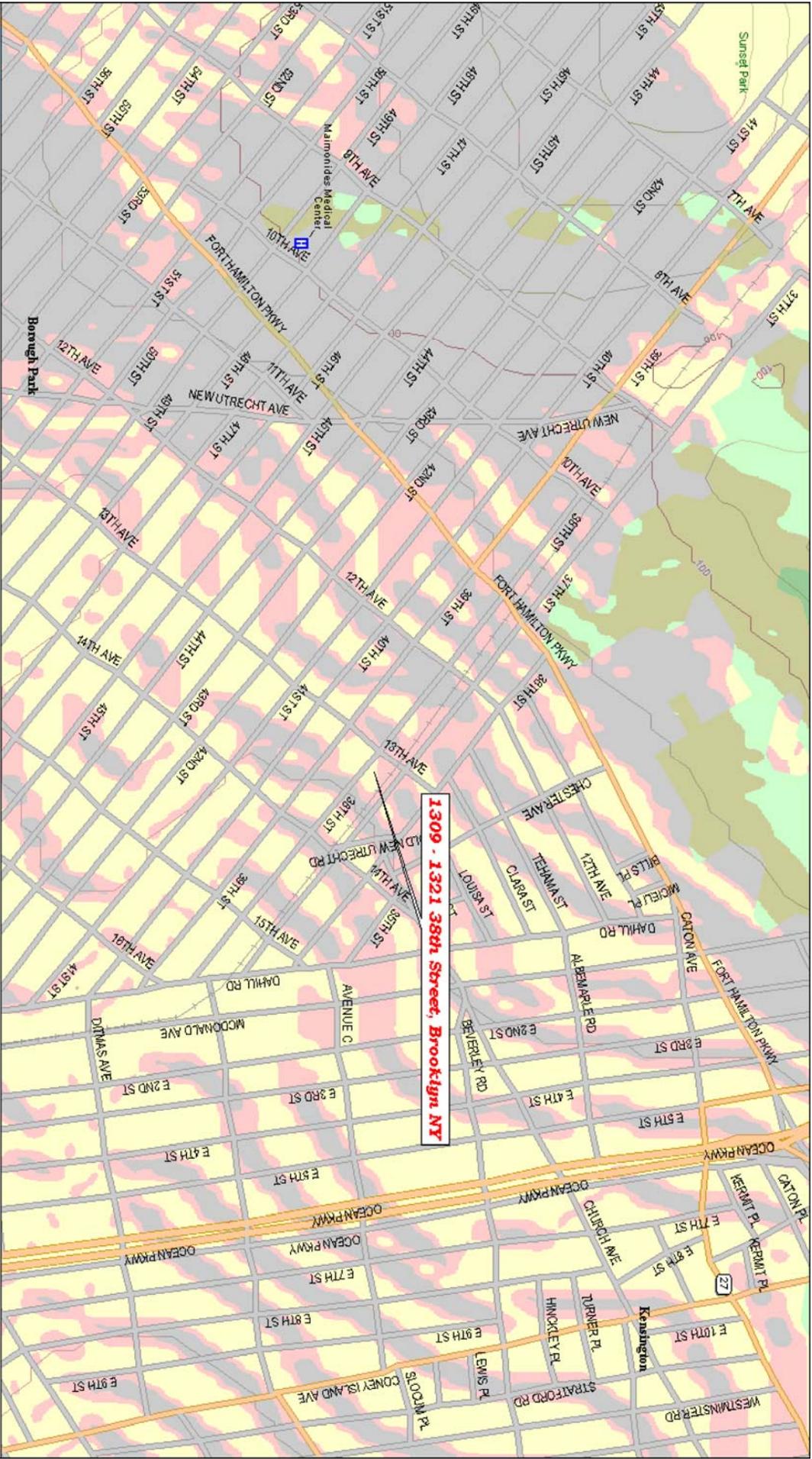
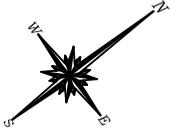
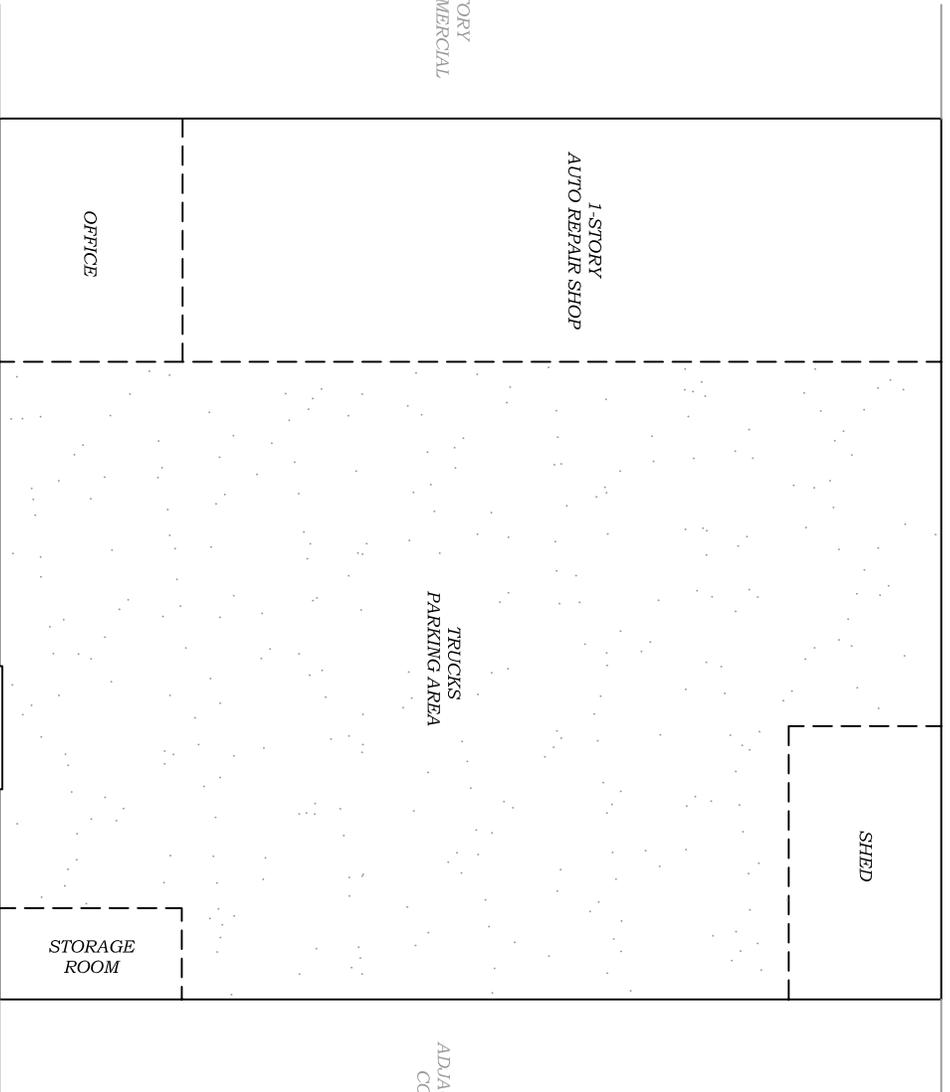


FIGURE 1: SITE LOCATION MAP



ADJACENT  
PARKING AREA

ADJACENT 3-STORY  
RESIDENTIAL/COMMERCIAL



ADJACENT 1-STORY  
COMMERCIAL

ADJACENT 4-STORY  
COMMERCIAL

38th STREET

SIDEWALK



**HYDRO TECH ENVIRONMENTAL CORP.**

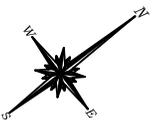
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Drawn By:	CQ	TITLE:
Reviewed By:	MR	
Approved By:	MS	
Date:	03/05/12	
Scale:	AS NOTED	

FIGURE 2: SITE BOUNDARY MAP

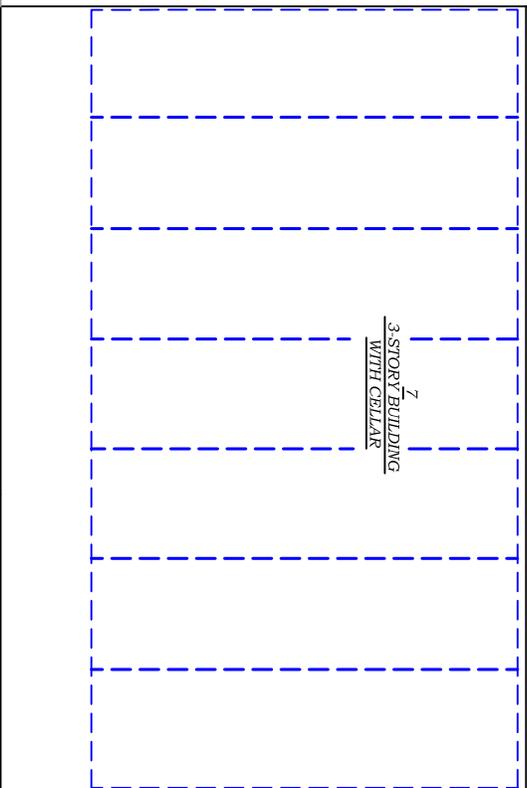


ADJACENT  
PARKING AREA



ADJACENT 3-STORY  
RESIDENTIAL/COMMERCIAL

ADJACENT 1-STORY  
COMMERCIAL



SIDEWALK

38th STREET

ADJACENT 4-STORY  
COMMERCIAL



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Drawn By:	CQ	TITLE:
Reviewed By:	MR	
Approved By:	MS	
Date:	03/05/12	
Scale:	AS NOTED	

FIGURE 3: PROPOSED REDEVELOPMENT PLAN

## Appendix 3: Air Monitoring Logs

**1309-1321 38TH STREET BROOKLYN, NEW YORK**

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**Remedial Action Report**

**APRIL 2015**

# Hydro Tech Environmental, Corp.

## Air Monitoring Log

Location: 1309-1319 38th St Brooklyn, NY

Date: 6/24/13

Temp: Mid 70's

H: 83%

Name: Silvestre Castillo Weather: Clear

WD: W

Time	CONC mg/m3	TWA	PID Reading	Comments
7:00 am	0.020	0.012	0.0	HTE onsite background check
7:15 am	0.022	0.014	0.0	set up PID & PDR
7:30 am	0.030	0.016	0.0	No activity
7:45 am	0.018	0.017	0.0	S.A.B
8:00 am	0.024	0.018	0.0	machinery warm up
8:15 am	0.040	0.019	0.0	loading trucks begin
8:30 am	0.056	0.021	0.0	loading trucks continue
8:45 am	0.027	0.027	0.0	S.A.B
9:00 am	0.052	0.034	0.0	loading trucks done
9:15 am	0.048	0.036	0.0	No activity
9:30 am	0.062	0.037	0.0	S.A.B
9:45 am	0.059	0.038	0.0	S.A.B
10:00 am	0.074	0.040	0.0	S.A.B
10:15 am	0.053	0.041	0.0	S.A.B
10:30 am	0.068	0.044	0.0	High 70's clear 74% humidity
10:45 am	0.008	0.029	0.0	Excavation activity
11:00 am	0.009	0.032	0.0	S.A.B
11:15 am	0.049	0.034	0.0	S.A.B
11:30 am	0.058	0.036	0.0	Excavation activity
11:45 am	0.033	0.037	0.0	S.A.B
12:00 pm	0.015	0.039	0.0	Break for lunch
12:15 pm	0.048	0.041	0.0	No activity

S.A.B = Same As Before



# Hydro Tech Environmental, Corp.

## Air Monitoring Log

Location: 1309-1319 38th St Brooklyn, NY

Date: 6/24/13

Temp: Mid 70's

H: 83%

Name: Silvestre Castillo Weather: Clear

WD: W

Time	CONC mg/m <sup>3</sup>	TWA	PID Reading	Comments
7:00 am	0.020	0.012	0.0	HTE onsite background check
7:15 am	0.022	0.014	0.0	Set up PID & PDR
7:30 am	0.030	0.016	0.0	No activity
7:45 am	0.018	0.017	0.0	S.A.B
8:00 am	0.024	0.018	0.0	machinery warm up
8:15 am	0.040	0.019	0.0	loading trucks begin
8:30 am	0.056	0.021	0.0	loading trucks continue
8:45 am	0.027	0.027	0.0	S.A.B
9:00 am	0.052	0.034	0.0	loading trucks done
9:15 am	0.048	0.036	0.0	No activity
9:30 am	0.062	0.037	0.0	S.A.B
9:45 am	0.059	0.038	0.0	S.A.B
10:00 am	0.074	0.040	0.0	S.A.B
10:15 am	0.053	0.041	0.0	S.A.B
10:30 am	0.068	0.044	0.0	High 70's clear 74% humidity
10:45 am	0.008	0.029	0.0	Excavation activity
11:00 am	0.009	0.032	0.0	S.A.B
11:15 am	0.049	0.034	0.0	S.A.B
11:30 am	0.058	0.036	0.0	Excavation activity
11:45 am	0.033	0.037	0.0	S.A.B
12:00 pm	0.015	0.039	0.0	Break for lunch
12:15 pm	0.048	0.041	0.0	No activity

S.A.B = Same As Before



Location: 1309-1319 38th St Brooklyn, NY

Date: 6/27/13

Temp: High 70's

H: 74%

Name: Silvestre Castillo

Weather: Clear

WD: VAR

Time	CONC mg/m <sup>3</sup>	TWA	PID Reading	Comments
7:00 am	0.028	0.019	0.0 ppm	HTE onsite background check
7:15 am	0.035	0.021	0.1 "	Set up PID & PDR machinery warm up
7:30 am	0.065	0.024	0.9 "	loading trucks begin
7:45 am	0.048	0.030	1.2 "	loading trucks continues
8:00 am	0.077	0.036	0.8 "	S.A.B
8:15 am	0.096	0.041	1.3 "	loading trucks on progress
8:30 am	0.102	0.044	1.5 "	removing material from grid WC-4
8:45 am	0.088	0.049	0.9 "	Excavation activity & loading trucks continues
9:00 am	0.097	0.051	1.0 "	S.A.B
9:15 am	0.076	0.051	1.1 "	S.A.B
9:30 am	0.053	0.057	0.5 "	1st round loading trucks done
9:45 am	0.060	0.060	0.2 "	Earth movement
10:00 am	0.045	0.058	0.3 "	low activity
10:15 am	0.033	0.057	0.2 "	S.A.B
10:30 am	0.040	0.059	0.2 "	High 70's Haze
10:45 am	0.064	0.059	0.0	Earth movement
11:00 am	0.039	0.060	0.0	S.A.B
11:15 am	0.058	0.061	0.2	Excavation activity
11:30 am	0.101	0.063	0.5	loading trucks begin
11:45 am	0.089	0.065	0.6	S.A.B
12:00 pm	0.093	0.065	1.0	removing material from grid WC-5
12:15 pm	0.070	0.066	0.9	loading trucks continues excavation activity

S.A.B = Same As Before



Location: 1309-1319 38th St Brooklyn, NY

Date: 6/28/13

Temp: Mid 70's

H: 89%

Name: Silvestre Castillo

Weather: Overcast

WD: VAR

Time	CONC mg/m <sup>3</sup>	TWA	PID Reading	Comments
7:00 am	0.021	0.023	0.0	HTE onsite background check
7:15 am	0.030	0.025	0.0	Set up PID & PDR
7:30 am	0.069	0.030	0.0	No activity
7:45 am	0.050	0.028	0.0	" "
8:00 am	0.043	0.030	0.0	Earth movement
8:15 am	0.077	0.031	0.0	S.A.B
8:30 am	0.068	0.033	0.1	S.A.B
8:45 am	0.090	0.040	0.3	Earth movement
9:00 am	0.075	0.042	0.5	Loading trucks begin
9:15 am	0.088	0.045	0.9	Excavation activity & loading trucks continues
9:30 am	0.065	0.046	1.0	S.A.B
9:45 am	0.093	0.046	0.8	S.A.B
10:00 am	0.102	0.049	0.6	Removing material from grid WCS
10:15 am	0.080	0.050	0.9	Excavation activity & loading trucks continues
10:30 am	0.044	0.050	1.2	S.A.B
10:45 am	0.069	0.051	0.8	S.A.B
11:00 am	0.095	0.052	0.4	Loading trucks on progress
11:15 am	0.077	0.053	0.3	S.A.B
11:30 am	0.098	0.054	0.5	S.A.B
11:45 am	0.102	0.055	0.4	Excavation activity & loading trucks on progress
12:00 pm	0.079	0.057	0.2	S.A.B
12:15 pm	0.086	0.057	0.3	S.A.B

S.A.B = Same As Before



Location: 1309 - 1319 38th St Brooklyn, NY

Date: 7/1/13

Temp: Low 70's

H: 89%

Name: Silvestre Castillo

Weather: Overcast

WD: VAR

Time	CONC mg/m <sup>3</sup>	TWA	PID Reading	Comments
7:00 am	0.029	0.025	0.0	HTE onsite background check
7:15 am	0.088	0.059	0.0	machinery warm up set up PID & PPR
7:30 am	0.099	0.065	0.0	loading trucks begin
7:45 am	0.078	0.071	0.1	Excavation activity & loading trucks continues
8:00 am	0.055	0.063	0.2	Removing material from grid w/4
8:15 am	0.080	0.057	0.5	loading trucks on progress
8:30 am	0.067	0.055	0.3	Excavation activity & loading trucks continues
8:45 am	0.049	0.055	0.1	S.A.B
9:00 am	0.071	0.056	0.2	Removing material from grid w/4
9:15 am	0.058	0.056	0.4	first round loading trucks done
9:30 am	0.067	0.057	0.3	Earth movement
9:45 am	0.095	0.057	0.1	low activity
10:00 am	0.053	0.058	0.2	Earth movement
10:15 am	0.062	0.058	0.1	Earth movement
10:30 am	N/A	N/A	N/A	heavy rain
10:45 am	N/A	N/A	N/A	Low activity
11:00 am	N/A	N/A	N/A	S.A.B
11:15 am	N/A	N/A	N/A	S.A.B
11:30 am	N/A	N/A	N/A	2nd round loading truck begin
11:45 am	N/A	N/A	N/A	Earth movement & loading truck on progress
12:00 pm	N/A	N/A	N/A	S.A.B
12:15 pm	N/A	N/A	N/A	lighttrain

N/A = Not Available

S.A.B = Same As Before



Location: 1309-1319 38th St Brooklyn, NY

Date: 7/2/13

Temp: Low 70's

H: 94%

Name: Silvestre Castillo

Weather: Overcast

WD: VAR

Time	CONC mg/m <sup>3</sup>	TWA	PID Reading	Comments
7:00 am	0.012	0.010	0.0	HTE onsite background check
7:15 am	0.018	0.012	0.0	Set up PID & PDR
7:30 am	0.009	0.009	0.0	No activity
7:45 am	0.008	0.007	0.0	S.A.B
8:00 am	0.010	0.005	0.0	Loading trucks begin
8:15 am	0.004	0.002	0.0	Loading trucks on progress
8:30 am	0.002	0.001	0.0	S.A.B
8:45 am	0.000	0.000	0.0	Earth movement & loading trucks continues
9:00 am	0.001	0.000	0.0	S.A.B
9:15 am	0.000	0.000	0.0	S.A.B
9:30 am	0.000	0.000	0.0	Low activity
9:45 am	0.001	0.000	0.0	Earth movement
10:00 am	0.001	0.000	0.0	S.A.B
10:15 am	0.000	0.000	0.0	Loading trucks on progress
10:30 am	0.000	0.000	0.0	Removing material from grid WCH
10:45 am	0.000	0.000	0.0	Loading trucks continues
11:00 am	0.000	0.000	0.0	S.A.B
11:15 am	0.000	0.000	0.0	Loading trucks & Earth movement
11:30 am	0.001	0.000	0.0	Loading trucks continues
11:45 am	0.000	0.000	0.0	S.A.B
12:00 pm	0.000	0.000	0.0	Removing material from grid WCS
12:15 pm	0.000	0.000	0.0	Earth movement

S.A.B = Same As Before



Location: 1309-1319 38th St Brooklyn, NY

Date: 7/3/13

Temp: Low 70's

H: 89%

Name: Silvestre Castillo

Weather: Partly Cloudy

WD: VAR

Time	CONC mg/m3	TWA	PID Reading	Comments
7:00 am	0.003	0.001	0.0	HTE onsite background check
7:15 am	0.009	0.001	0.0	Set up PID & PDR machinery warm up
7:20 am	0.064	0.004	0.0	Loading trucks begin
7:45 am	0.030	0.003	0.1	Earth movement & loading truck continues
8:00 am	0.021	0.002	0.1	S.A.B
8:15 am	0.007	0.001	0.5	S.A.B
8:30 am	0.015	0.001	0.3	Removing material from grid WCS
8:45 am	0.009	0.000	0.2	Earth movement & loading trucks on progress
9:00 am	0.000	0.000	0.1	S.A.B
9:15 am	0.014	0.001	0.2	S.A.B
9:30 am	0.010	0.001	0.1	Earth movement & loading trucks
9:45 am	0.023	0.002	0.3	S.A.B
10:00 am	0.011	0.003	0.1	1st round loading trucks done
10:15 am	0.026	0.003	0.0	development of underpinning at WCS
10:30 am	0.040	0.004	0.0	underpinning at WCS on progress
10:45 am	0.019	0.005	0.0	Mid 70's clear west
11:00 am	0.023	0.007	0.1	Earth movement
11:15 am	0.048	0.009	0.2	S.A.B
11:30 am	0.030	0.009	0.3	2nd round loading trucks begin
11:45 am	0.055	0.011	0.5	Earth movement & loading trucks continues
12:00 pm	0.080	0.012	0.1	S.A.B
12:15 pm	0.022	0.014	0.2	Removing material from grid WCS

S.A.B = Same As Before



Location: 1309 38<sup>th</sup> St, Brooklyn

Date: 7-5-13

Name: Cameron Morgan

Time	CONC mg/m3	TWA	PID Reading	Comments
7:00	0.009	0.008	0.0	Calibration / System check
7:15	0.027	0.0024	0.0	No activity
7:30	0.006	0.010	0.0	No activity
7:45	0.009	0.012	0.0	S.A.B
8:00	0.020	0.016	0.0	S.A.B
8:15	0.024	0.016	0.0	S.A.B
8:30	0.016	0.014	0.0	S.A.B
8:45	0.003	0.014	0.0	S.A.B
9:00	0.000	0.013	0.0	S.A.B
9:15	0.014	0.013	0.0	S.A.B
9:30	0.014	0.013	0.0	S.A.B
9:45	0.013	0.016	0.0	S.A.B
10:00	0.036	0.016	0.0	S.A.B
10:15	0.000	0.015	0.0	Excavation begins
10:30	0.020	0.015	0.0	Remove tank from pit
10:45	0.034	0.015	0.0	
11:00	0.014	0.019	0.0	
11:15	0.015	0.017	0.0	
11:30	0.015	0.017	0.0	
11:45	0.021	0.017	0.0	
12:00	0.016	0.017	0.0	
12:15	0.015	0.017	0.0	

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Location: 1309 38<sup>th</sup> St, Brooklyn

Date: 7-5-13

Name: Cameron Morgan

Time	CONC mg/m3	TWA	PID Reading	Comments
7:00	0.009	0.008	0.0	Calibration / System check
7:15	0.027	0.0024	0.0	No activity
7:30	0.006	0.010	0.0	No activity
7:45	0.009	0.012	0.0	S.A.B
8:00	0.020	0.016	0.0	S.A.B
8:15	0.024	0.016	0.0	S.A.B
8:30	0.016	0.014	0.0	S.A.B
8:45	0.003	0.014	0.0	S.A.B
9:00	0.000	0.013	0.0	S.A.B
9:15	0.014	0.013	0.0	S.A.B
9:30	0.014	0.013	0.0	S.A.B
9:45	0.013	0.016	0.0	S.A.B
10:00	0.036	0.016	0.0	S.A.B
10:15	0.000	0.015	0.0	Excavation begins
10:30	0.020	0.015	0.0	Remove tank from pit
10:45	0.034	0.015	0.0	
11:00	0.014	0.019	0.0	
11:15	0.015	0.017	0.0	
11:30	0.015	0.017	0.0	
11:45	0.021	0.017	0.0	
12:00	0.016	0.017	0.0	
12:15	0.015	0.017	0.0	

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Location: 1309 - 1319 38th St Brooklyn, NY

Date: 7/8/13

Temp: Low 70's

H: 78 %

Name: Silvestre Castillo

Weather: Clear

WD: VAR

Time	CONC mg/m3	TWA	PID Reading	Comments
7:00 am	0.010	0.011	0.0	HTE onsite Background check
7:15 "	0.017	0.014	0.0	Set up PID & PDR
7:30 "	0.028	0.017	0.1	Earth movement & loading trucks begin
7:45 "	0.040	0.020	0.1	Earth movement & loading trucks continues
8:00 am	0.038	0.021	0.1	S.A.B
8:15 "	0.055	0.021	0.2	S.A.B
8:30 "	0.023	0.020	0.1	Earth movement & loading trucks continues
8:45 "	0.034	0.020	0.1	S.A.B
9:00 am	0.019	0.019	0.2	S.A.B
9:15 "	0.077	0.019	0.2	1st round loading trucks done
9:30 "	0.056	0.018	0.1	Earth movement
9:45 "	0.005	0.018	0.3	S.A.B
10:00 am	0.003	0.017	0.1	Low activity
10:15 "	0.086	0.020	0.2	development of underpinning gt WC5
10:30 "	0.091	0.023	0.1	S.A.B
10:45 "	0.065	0.027	0.0	S.A.B
11:00 am	0.070	0.029	0.0	S.A.B
11:15 "	0.064	0.031	0.1	Earth movement & 2nd round loading trucks begin
11:30 "	0.059	0.032	0.2	loading trucks continues & Earth movement
11:45 "	0.105	0.037	0.4	S.A.B
12:00 pm	0.095	0.039	0.3	loading trucks continues & Earth movement
12:15 "	0.049	0.040	0.2	S.A.B

S.A.B = Same As Before



# Hydro Tech Environmental, Corp.

## Air Monitoring Log

Location: 1309 - 1319 38th St Brooklyn, NY

Date: 7/9/13

Temp: Mid 70's

H: 74%

Name: Silvestre Castillo

Weather: Haze

WD: W

Time	CONC mg/m <sup>3</sup>	TWA	PID Reading	Comments
7:00 am	0.006	0.002	0.0	HTE onsite background check
7:15 "	0.009	0.003	0.0	Set up PID & PDR
7:30 "	0.010	0.005	0.0	machinery warm up
7:45 "	0.026	0.006	0.0	loading trucks begin
8:00 am	0.040	0.009	0.0	Earth movement & loading truck on progress
8:15 "	0.035	0.010	0.1	S.A.B
8:30 "	0.060	0.012	0.2	Removing material from grid WC3
8:45 "	0.015	0.013	0.2	Earth movement & loading trucks on progress
9:00 am	0.026	0.014	0.3	S.A.B
9:15 "	0.091	0.016	0.2	Earth movement & loading trucks continues
9:30 "	0.055	0.020	0.3	S.A.B
9:45 am	0.048	0.022	0.1	S.A.B
10:00 "	0.036	0.024	0.1	1st round loading trucks done
10:15 "	0.069	0.026	0.0	No activity
10:30 "	0.085	0.026	0.0	" "
10:45 am	0.092	0.027	0.1	Earth movement
11:00 "	0.101	0.030	0.2	S.A.B
11:15 "	0.083	0.031	0.1	S.A.B
11:30 "	0.029	0.030	0.0	low 80's clear
11:45 "	0.035	0.030	0.0	low activity
12:00 pm	0.066	0.029	0.1	2nd round loading trucks begin
12:15 "	0.054	0.029	0.2	Earth movement & loading trucks on progress

S.A.B = Same As Before



# Hydro Tech Environmental, Corp.

## Air Monitoring Log

Location: 1309-1319 38th St Brooklyn, NY

Date: 7/10/13 Temp: Mid 70's H: 89%

Name: Silvestre Castillo Weather: Haze WD: VAR

Time	CONC mg/m3	TWA	PID Reading	Comments
7:00 am	0.001	0.000	0.0	HTE onsite background check
7:15 "	0.003	0.001	0.0	machinery warm up set up PID & PDR
7:30 "	0.002	0.001	0.0	loading trucks begin
7:45 "	0.005	0.001	0.0	Earth movement & loading trucks continues
8:00 am	0.009	0.002	0.1	S.A.B
8:15 "	0.011	0.003	0.1	Removing material from grid WC3
8:30 "	0.015	0.003	0.2	Earth movement & loading trucks continues
8:45 "	0.021	0.004	0.1	S.A.B
9:00 am	0.010	0.005	0.0	S.A.B
9:15 "	0.016	0.005	0.1	1st round loading trucks done
9:30 "	0.008	0.006	0.0	low activity
9:45 "	0.003	0.006	0.0	" "
10:00 am	0.005	0.007	0.0	low 80's Haze
10:15 "	0.000	0.007	0.0	low activity
10:30 "	0.009	0.008	0.0	" "
10:45 "	0.012	0.008	0.0	Earth movement
11:00 am	0.014	0.009	0.1	2nd round loading trucks begin
11:15 "	0.024	0.009	0.2	Earth movement & loading truck continues
11:30 "	0.036	0.010	0.1	S.A.B
11:45 "	0.054	0.012	0.3	Removing material from grid WC3
12:00 pm	0.045	0.014	0.2	Earth movement & loading trucks on progress
12:15 "	0.036	0.016	0.2	S.A.B

S.A.B = Same As Before



Location: 1309-1319 38th St Brooklyn, NY

Date: 7/11/13

Temp: High 70's

H: 79%

Name: Silvestre Castillo

Weather: Overcast

WD: VAR

Time	CONC mg/m3	TWA	PID Reading	Comments
7:00 am	0.000	0.000	0.0	HTE onsite Background check
7:15 "	0.000	0.000	0.0	Set up PID & PDR
7:30 "	0.002	0.000	0.0	Machinery warm up
7:45 "	0.001	0.000	0.0	Earth movement & Loading truck begin
8:00 "	0.000	0.000	0.0	Earth movement & Loading trucks continues
8:15 "	0.000	0.000	0.0	S.A.B
8:30 "	0.001	0.000	0.0	Removing material from grid WC3
8:45 "	0.000	0.000	0.0	Earth movement & Loading trucks on progress
9:00 am	0.001	0.000	0.0	S.A.B
9:15 "	0.001	0.000	0.0	S.A.B
9:30 "	0.002	0.000	0.0	Earth movement & Loading trucks continues
9:45 "	0.000	0.000	0.0	1st round loading trucks done
10:00 am	0.000	0.000	0.0	NO activity
10:15 "	0.001	0.000	0.0	" "
10:30 "	0.002	0.000	0.0	Earth movement
10:45 "	0.000	0.000	0.0	2nd round loading trucks begin
11:00 am	0.000	0.000	0.0	Earth movement & Loading truck continues
11:15 "	0.000	0.000	0.0	S.A.B
11:30 "	0.000	0.000	0.0	S.A.B
11:45 "	0.001	0.000	0.0	Removing material from grid WC2
12:00 pm	0.000	0.000	0.0	Earth movement & Loading trucks continues
12:15 "	0.001	0.000	0.0	S.A.B

S.A.B = Same As Before



Location: 1309-1319 38th St Brooklyn, NY

Date: 7/12/13 Temp: low 70's H: 69%

Name: Silvestre Castilla Weather: Partly cloudy WD: NE

Time	CONC mg/m3	TWA	PID Reading	Comments
7:00 am	0.007	0.003	0.0	HTE onsite
7:15 "	0.009	0.005	0.0	Background check
7:20 "	0.015	0.005	0.0	Setup PID & PDR
7:45 "	0.017	0.006	0.0	No activity
8:00 "	0.021	0.006	0.0	" "
8:15 "	0.043	0.007	0.0	" "
8:30 "	0.016	0.007	0.0	" "
8:45 "	0.010	0.008	0.0	" "
9:00 "	0.002	0.008	0.0	" "
9:15 "	0.001	0.009	0.0	" "
9:30 "	0.007	0.010	0.0	" "
9:45 "	0.006	0.010	0.0	" "
10:00 "	0.091	0.017	0.0	" "
10:15 "	0.097	0.020	0.0	" "
10:30 "	0.043	0.023	0.0	loading concrete on progress
10:45 "	0.026	0.025	0.0	S.A.B
11:00 "	0.014	0.025	0.0	S.A.B
11:15 "	0.030	0.026	0.0	S.A.B
11:30 "	0.028	0.026	0.0	1st load of concrete done
11:45 "	0.019	0.027	0.0	No activity
12:00 pm	0.013	0.027	0.0	" "
12:15 "	0.027	0.028	0.0	" "

S.A.B = Same as before



Location: 1309-1319 38th St Brooklyn, NY

Date: 7/15/13

Temp: Low 80's

H: 79%

Name: Silvestre Castillo

Weather: Clear

WD: VAR

Time	CONC mg/m <sup>3</sup>	TWA	PID Reading	Comments
7:00 am	0.049	0.014	0.0	HTE onsite background check
7:15 am	0.080	0.017	0.0	Set up PID & PDR machinery warm up
7:30 am	0.027	0.023	0.0	Loading trucks begin
7:45 am	0.054	0.024	0.0	Earth movement & loading trucks on progress
8:00 am	0.023	0.026	0.1	S.A.B
8:15 am	0.011	0.024	0.2	S.A.B
8:30 am	0.007	0.021	0.1	Earth movement & loading trucks continues
8:45 am	0.016	0.018	0.1	S.A.B
9:00 am	0.009	0.016	0.1	Removing material from grid WC3
9:15 am	0.012	0.014	0.2	Earth movement & loading truck continues
9:30 am	0.010	0.012	0.2	S.A.B
9:45 am	0.021	0.013	0.2	S.A.B
10:00 am	0.035	0.014	0.1	Earth movement & loading truck continues
10:15 am	0.046	0.015	0.1	S.A.B
10:30 am	0.029	0.016	0.2	S.A.B
10:45 am	0.053	0.017	0.2	Removing material from grid WC3
11:00 am	0.099	0.020	0.0	No activity
11:15 am	0.018	0.025	0.0	" "
11:30 am	0.007	0.027	0.0	" "
11:45 am	0.075	0.035	0.1	Earth movement & loading trucks continues
12:00 pm	0.109	0.060	0.2	S.A.B
12:15 pm	0.100	0.068	0.2	S.A.B

S.A.B = Same As Before



Location: 1309 38<sup>th</sup> St, Brooklyn

Date: 7-19-13

Name: Cameron Morgan

Time	CONC mg/m <sup>3</sup>	TWA	PID Reading	Comments
7:00am	0.041	0.032	0.0	calibration/system chk
7:15	0.042	0.043	0.0	loading trucks
7:30	0.047	0.043	0.0	S.A.B
7:45	0.050	0.043	0.0	S.A.B
8:00	0.054	0.054	0.0	S.A.B
8:15	0.078	0.064	0.0	S.A.B
8:30	0.081	0.086	0.0	S.A.B
8:45	0.036	0.080	0.0	low activity
9:00	0.040	0.080	0.0	low activity
9:15	0.049	0.080	0.0	S.A.B
9:30	0.055	0.081	0.0	S.A.B
9:45	0.083	0.072	0.0	S.A.B
10:00	0.070	0.072	0.0	S.A.B
10:15	0.059	0.072	0.0	S.A.B
10:30	0.058	0.072	0.0	S.A.B
10:45	0.064	0.072	0.0	S.A.B
11:00	0.061	0.072	0.0	S.A.B
11:15	0.044	0.070	0.0	S.A.B
11:30	0.088	0.087	0.0	S.A.B
11:45	0.079	0.087	0.0	loading trucks
12:00	0.090	0.087	0.0	loading trucks
12:15	0.084	0.087	0.0	loading trucks



Appendix 4: Daily and Monthly Reports to OER

**1309-1321 38TH STREET BROOKLYN, NEW YORK**

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**Remedial Action Report**

**APRIL 2015**

# DAILY STATUS REPORT

Prepared By: Sasha Rothenberg

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

VCP Project No.:	12CVCP048K	E-Number:		Date:	6/24/13
Project Name:	1309 – 1321 38 <sup>th</sup> Street, Brooklyn, NY				

Consultant: Ezgi Karayel Hydro Tech Environmental Corp	Safety Officer:
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General Contractor: Yossi Gruber M & Y Developers, Inc	Site Manager/ Supervisor: Yossi Gruber
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Work Activities Performed (Since Last Report):  
Start of excavation and soil disposal in grid WC-1

Working In Grid #: WC-1

Samples Collected (Since Last Report):  
No samples collected

Air Monitoring (Since Last Report):  
Air monitoring for VOCs and dust performed

Problems Encountered:  
No problems encountered

Planned Activities for the Next Day/ Week:  
Continue excavation and collect additional soil samples for waste characterization



## Photo Log

Photo 1 – Truck loading in WC-1



Photo 2 – Excavation area



Photo 3 – Truck loading



# DAILY STATUS REPORT

Prepared By: Sasha Rothenberg

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

VCP Project No.:	12CVCP048K	E-Number:		Date:	6/27/13
Project Name:	1309 – 1321 38 <sup>th</sup> Street, Brooklyn, NY				

Consultant: Ezgi Karayel Hydro Tech Environmental Corp	Safety Officer:
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General Contractor: Yossi Gruber M & Y Developers, Inc	Site Manager/ Supervisor: Sam Gruber
--	---

Work Activities Performed (Since Last Report):  
Excavation and disposal of soil

Working In Grid #: WC-4, WC-5, WC-6

Samples Collected (Since Last Report):  
Waste Characterization samples collected from WC-3 on 6/26/13

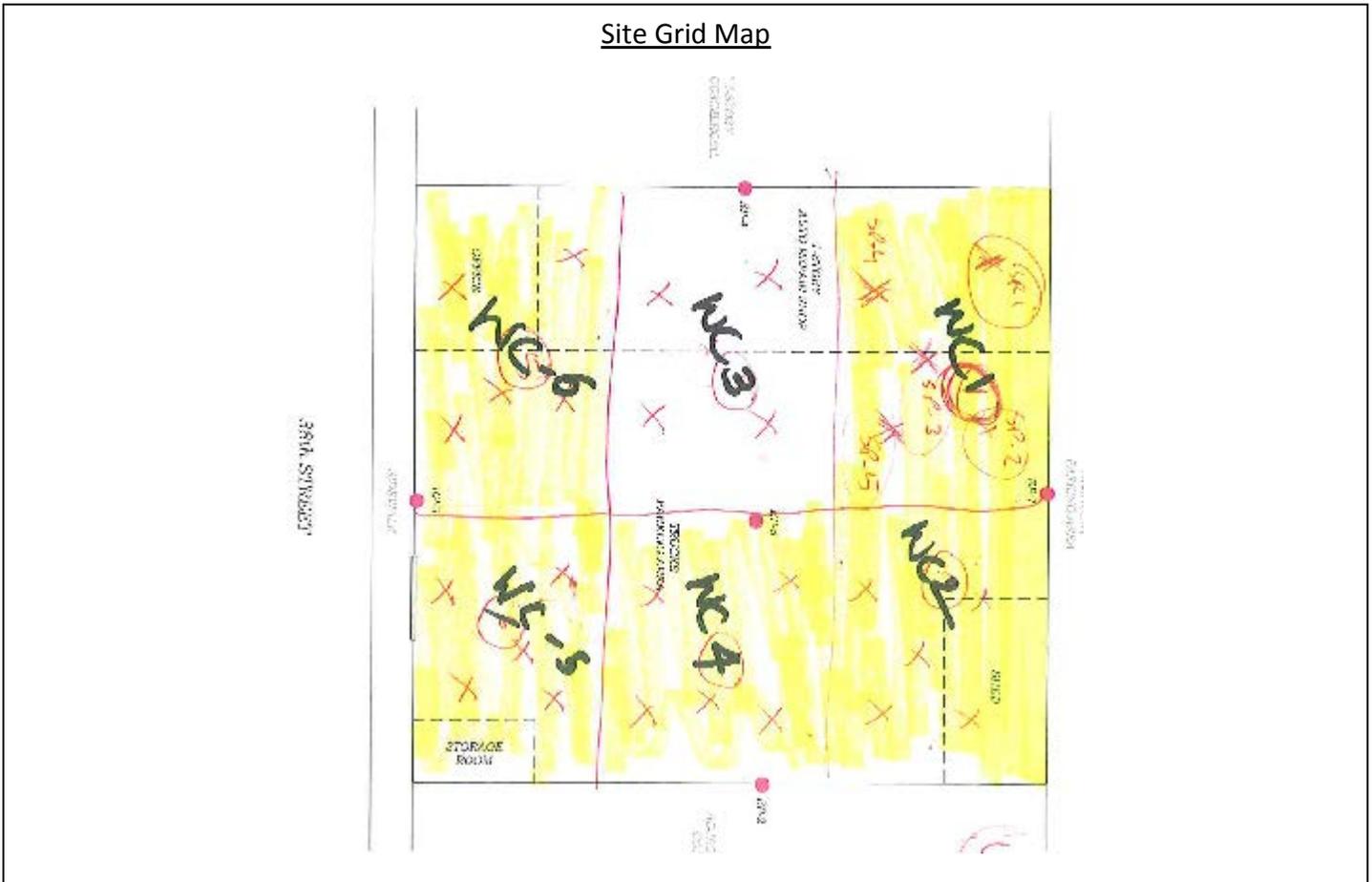
Air Monitoring (Since Last Report):  
Air monitoring for VOCs and dust performed during excavation. No readings recorded.

Problems Encountered:  
No problems encountered

Planned Activities for the Next Day/ Week:  
Continue excavation and soil disposal

Facility # Name/ Location Type of Waste Solid <u>Or</u> Liquid	Facility # Clean Earth Carteret, NJ Soil/fill Solid		Facility # Malanka Secaucus, NJ Soil/fill Solid		Facility # Name Location Type of Waste Solid <u>Or</u> Liquid		Facility # Name Location Type of Waste Solid <u>Or</u> Liquid		Example: ##### Clean Earth Carteret, NJ petroleum soils Solid	
	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds. <u>Or</u> Gallons	Trucks	Cu. Yds. <u>Or</u> Gallons	Trucks	Cu. Yds.
<b>(Trucks, Cu.Yds. <u>Or</u> Gallons)</b>										
<b>Today</b>	4	100	20	500					5	120
<b>Total</b>	4	100	20	500					25	600

NYC Clean Soil Bank		Receiving Facility: NA			
Tracking No.:	NA				
Today	Trucks	Cu. Yds.	Total	Trucks	Cu. Yds.



## Photo Log

Photo 1 – Truck loading



Photo 2 – Excavation area



Photo 3 – View of Site from Northeast boundary





# DAILY STATUS REPORT

Prepared By: Sasha Rothenberg

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

VCP Project No.:	12CVCP048K	E-Number:		Date:	6/28/13
Project Name:	1309 – 1321 38 <sup>th</sup> Street, Brooklyn, NY				

Consultant: Ezgi Karayel Hydro Tech Environmental Corp	Safety Officer:
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General Contractor: Yossi Gruber M & Y Developers, Inc	Site Manager/ Supervisor: Sam Gruber
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Work Activities Performed (Since Last Report):  
Excavation and disposal of soil

Working In Grid #: WC-4, WC-5, WC-6

Samples Collected (Since Last Report):

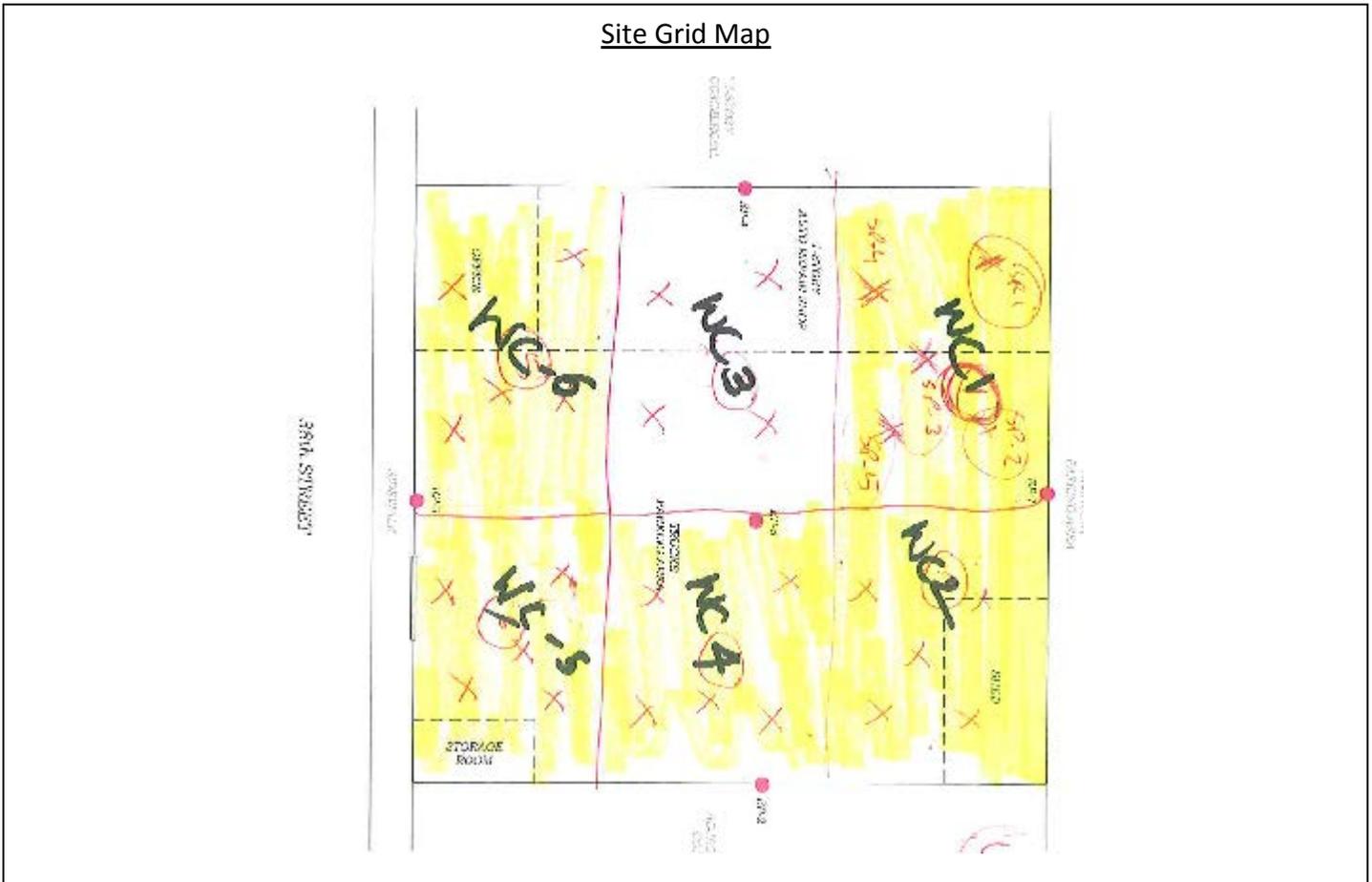
Air Monitoring (Since Last Report):  
Air monitoring for VOCs and dust performed during excavation. No readings recorded.

Problems Encountered:  
Discovered (1) 550-gallon gasoline UST in WC-6. No evidence of spill at this time.

Planned Activities for the Next Day/ Week:  
Continue excavation and soil disposal. Pump, clean and remove 550-gallon UST

Facility # Name/ Location Type of Waste Solid <u>Or</u> Liquid	Facility # Clean Earth Carteret, NJ Soil/fill Solid		Facility # Malanka Secaucus, NJ Soil/fill Solid		Facility # Name Location Type of Waste Solid <u>Or</u> Liquid		Facility # Name Location Type of Waste Solid <u>Or</u> Liquid		Example: ##### Clean Earth Carteret, NJ petroleum soils Solid	
	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds. <u>Or</u> Gallons	Trucks	Cu. Yds. <u>Or</u> Gallons	Trucks	Cu. Yds.
<b>(Trucks, Cu.Yds. <u>Or</u> Gallons)</b>										
<b>Today</b>	4	100	21	525					5	120
<b>Total</b>	4	100	41	1025					25	600

NYC Clean Soil Bank		Receiving Facility: NA			
Tracking No.:	NA				
Today	Trucks	Cu. Yds.	Total	Trucks	Cu. Yds.



## Photo Log

Photo 1 – Truck loading



Photo 2 – Truck washing



Photo 3 – Partially uncovered  
550-gal UST





# DAILY STATUS REPORT

Prepared By: Ezgi Karayel

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

VCP Project No.:	12CVCP048K	E-Number:		Date:	7/10/13
Project Name:	1309 – 1321 38 <sup>th</sup> Street, Brooklyn, NY				

Consultant: Ezgi Karayel Hydro Tech Environmental Corp	Safety Officer:
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General Contractor: Yossi Gruber M & Y Developers, Inc.	Site Manager/ Supervisor: Sam Gruber
---	---

Work Activities Performed (Since Last Report):  
  
18loads were transferred to Clean Earth – Carteret facility from WC-3.

Working In Grid #: WC-3

Samples Collected (Since Last Report):

Air Monitoring (Since Last Report):  
Air monitoring for VOCs and dust performed during excavation. No readings recorded.

Problems Encountered:  
  
N/A

Planned Activities for the Next Day/ Week:  
Continue excavation and soil disposal.  
Pump and remove the tank.

Facility # Name/ Location Type of Waste Solid <u>Or</u> Liquid	Facility # Clean Earth Carteret, NJ Soil/fill Solid		Facility # Malanka Secaucus, NJ Soil/fill Solid		Facility # Name Location Type of Waste Solid <u>Or</u> Liquid		Facility # Name Location Type of Waste Solid <u>Or</u> Liquid		Example: ##### Clean Earth Carteret, NJ petroleum soils Solid	
	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds. <u>Or</u> Gallons	Trucks	Cu. Yds. <u>Or</u> Gallons	Trucks	Cu. Yds.
Today	18	450	0	0					5	120
Total	32	800	95	2375					25	600

NYC Clean Soil Bank		Receiving Facility: NA			
Tracking No.:	NA				
Today	Trucks	Cu. Yds.	Total	Trucks	Cu. Yds.



## Photo Log

Photo 1 – Trucks being loaded



Photo 2 – Wheels washed prior to leaving the site



Photo 3 – View from the excavation



# DAILY STATUS REPORT

Prepared By: Ezgi Karayel

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

VCP Project No.:	12CVCP048K	E-Number:		Date:	7/11/13
Project Name:	1309 – 1321 38 <sup>th</sup> Street, Brooklyn, NY				

Consultant: Ezgi Karayel Hydro Tech Environmental Corp	Safety Officer:
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General Contractor: Yossi Gruber M & Y Developers, Inc.	Site Manager/ Supervisor: Sam Gruber
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Work Activities Performed (Since Last Report):  
  
19 loads were transferred to Clean Earth – Carteret facility from WC-3.

Working In Grid #: WC-3

Samples Collected (Since Last Report):

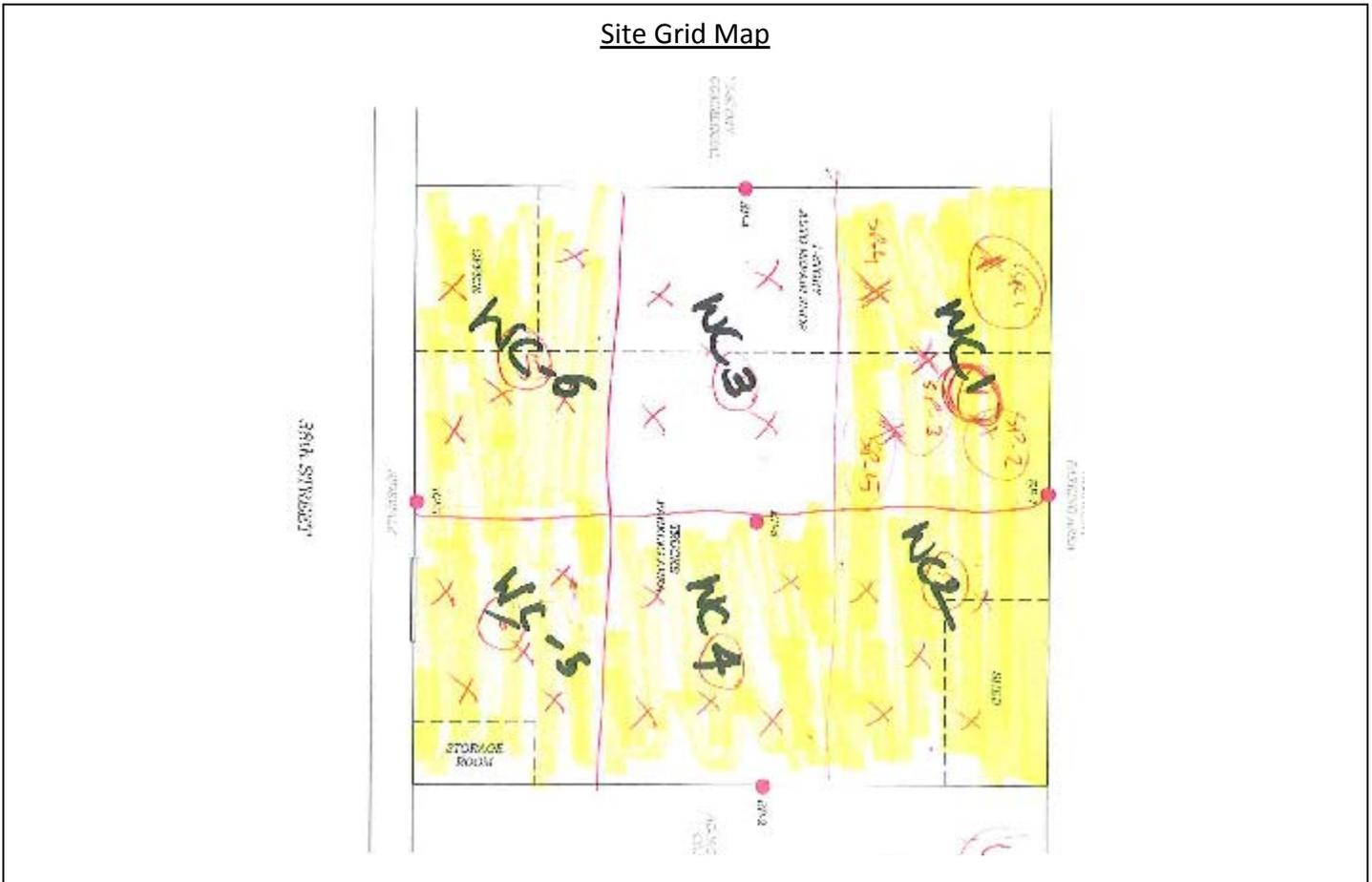
Air Monitoring (Since Last Report):  
Air monitoring for VOCs and dust performed during excavation. No readings recorded.

Problems Encountered:  
  
N/A

Planned Activities for the Next Day/ Week:  
Continue excavation and soil disposal.  
Pump and remove the tank.

Facility # Name/ Location Type of Waste Solid <u>Or</u> Liquid	Facility # Clean Earth Carteret, NJ Soil/fill Solid		Facility # Malanka Secaucus, NJ Soil/fill Solid		Facility # Name Location Type of Waste Solid <u>Or</u> Liquid		Facility # Name Location Type of Waste Solid <u>Or</u> Liquid		Example: ##### Clean Earth Carteret, NJ petroleum soils Solid	
	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds. <u>Or</u> Gallons	Trucks	Cu. Yds. <u>Or</u> Gallons	Trucks	Cu. Yds.
Today	19	475	0	0					5	120
Total	51	1275	95	2375					25	600

NYC Clean Soil Bank		Receiving Facility: NA			
Tracking No.:	NA				
Today	Trucks	Cu. Yds.	Total	Trucks	Cu. Yds.



## Photo Log

Photo 1 – Trucks being loaded



Photo 2 – Wheels washed prior to leaving the site



Photo 3 – Trucks loaded



# DAILY STATUS REPORT

Prepared By: Ezgi Karayel

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

VCP Project No.:	12CVCP048K	E-Number:		Date:	7/1/13
Project Name:	1309 – 1321 38 <sup>th</sup> Street, Brooklyn, NY				

Consultant: Ezgi Karayel Hydro Tech Environmental Corp	Safety Officer:
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General Contractor: Yossi Gruber M & Y Developers, Inc	Site Manager/ Supervisor: Sam Gruber
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Work Activities Performed (Since Last Report):  
Excavation and disposal of soil

Working In Grid #: WC-4

Samples Collected (Since Last Report):

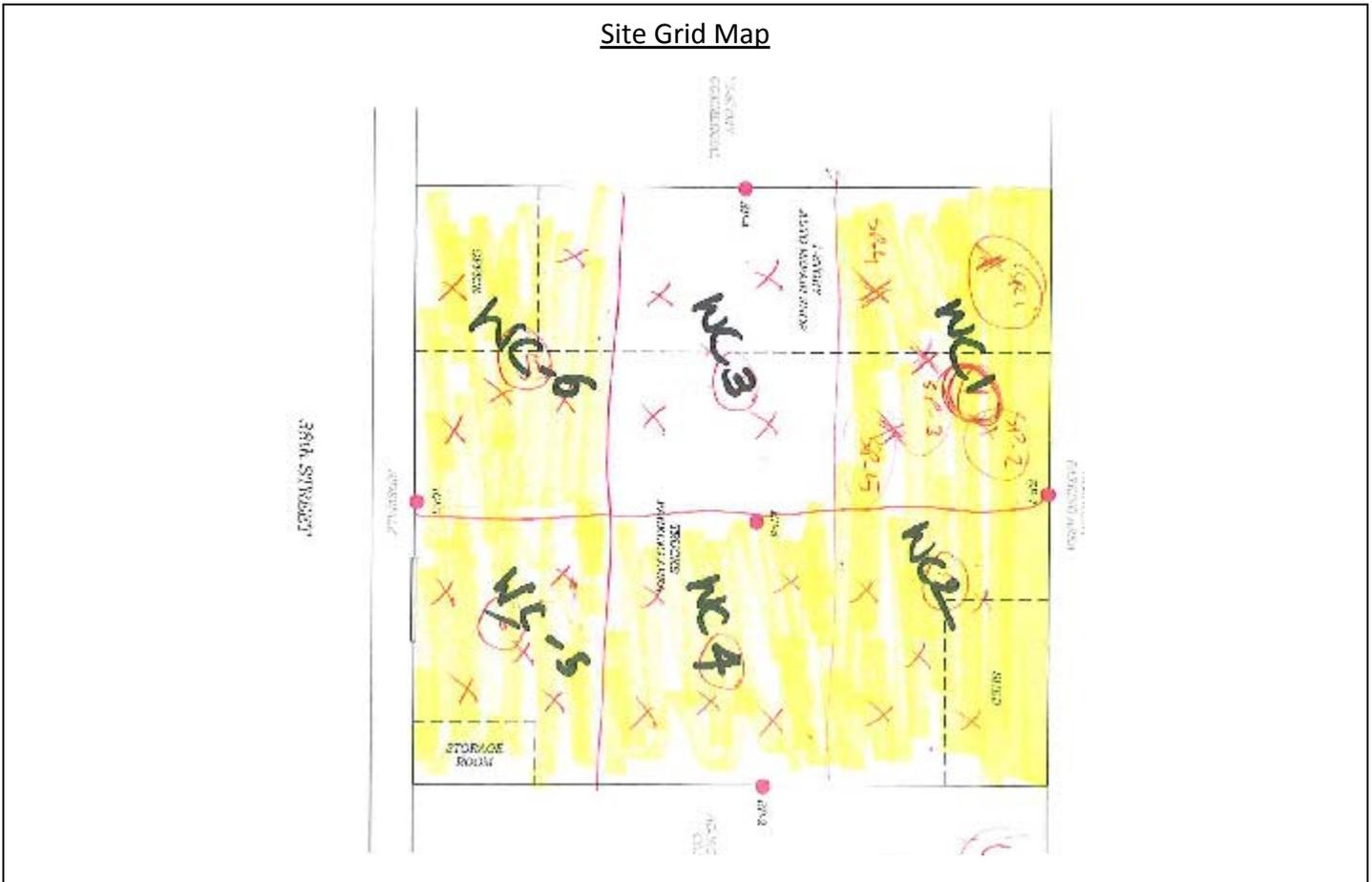
Air Monitoring (Since Last Report):  
Air monitoring for VOCs and dust performed during excavation. No readings recorded.

Problems Encountered:

Planned Activities for the Next Day/ Week:  
Continue excavation and soil disposal.

Facility # Name/ Location Type of Waste Solid <u>Or</u> Liquid	Facility # Clean Earth Carteret, NJ Soil/fill Solid		Facility # Malanka Secaucus, NJ Soil/fill Solid		Facility # Name Location Type of Waste Solid <u>Or</u> Liquid		Facility # Name Location Type of Waste Solid <u>Or</u> Liquid		Example: ##### Clean Earth Carteret, NJ petroleum soils Solid	
	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds. <u>Or</u> Gallons	Trucks	Cu. Yds. <u>Or</u> Gallons	Trucks	Cu. Yds.
Today	0	0	18	450					5	120
Total	4	100	59	1475					25	600

NYC Clean Soil Bank		Receiving Facility: NA			
Tracking No.:	NA				
Today	Trucks	Cu. Yds.	Total	Trucks	Cu. Yds.



## Photo Log

Photo 1 – Truck loading



Photo 2 – Truck washing



Photo 3 – field activities



# DAILY STATUS REPORT

Prepared By: Ezgi Karayel

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

VCP Project No.:	12CVCP048K	E-Number:		Date:	7/12/13
Project Name:	1309 – 1321 38 <sup>th</sup> Street, Brooklyn, NY				

Consultant: Ezgi Karayel Hydro Tech Environmental Corp	Safety Officer:
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General Contractor: Yossi Gruber M & Y Developers, Inc.	Site Manager/ Supervisor: Sam Gruber
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Work Activities Performed (Since Last Report):

No trucking soil. Only the concrete foundation pieces were loaded to one truck to be disposed of. Remaining concrete foundations were stockpiled on site to be disposed of in the near future.

Working In Grid #: WC-5 and WC-6

Samples Collected (Since Last Report):  
N/A

Air Monitoring (Since Last Report):  
Air monitoring for VOCs and dust performed during excavation. No readings recorded.

Problems Encountered:  
  
N/A

Planned Activities for the Next Day/ Week:  
Continue excavation and soil disposal.  
Pump and remove the tank.

Facility # Name/ Location Type of Waste Solid <u>Or</u> Liquid	Facility # Clean Earth Carteret, NJ Soil/fill Solid		Facility # Malanka Secaucus, NJ Soil/fill Solid		Facility # Name Location Type of Waste Solid <u>Or</u> Liquid		Facility # Name Location Type of Waste Solid <u>Or</u> Liquid		Example: ##### Clean Earth Carteret, NJ petroleum soils Solid	
	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds. <u>Or</u> Gallons	Trucks	Cu. Yds. <u>Or</u> Gallons	Trucks	Cu. Yds.
Today	0	0	0	0					5	120
Total	51	1275	95	2375					25	600

NYC Clean Soil Bank		Receiving Facility: NA			
Tracking No.:	NA				
Today	Trucks	Cu. Yds.	Total	Trucks	Cu. Yds.



## Photo Log

Photo 1 – Concrete foundations were loaded



Photo 2 – Remaining concrete foundations were stockpiled



Photo 3 – Concrete foundation pieces were separated from the soil



# DAILY STATUS REPORT

Prepared By: Ezgi Karayel

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

VCP Project No.:	12CVCP048K	E-Number:		Date:	7/15/13
Project Name:	1309 – 1321 38 <sup>th</sup> Street, Brooklyn, NY				

Consultant: Ezgi Karayel Hydro Tech Environmental Corp	Safety Officer:
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General Contractor: Yossi Gruber M & Y Developers, Inc.	Site Manager/ Supervisor: Sam Gruber
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Work Activities Performed (Since Last Report):  
  
17 loads were sent to Clean Earth from grid WC-3.

Working In Grid #: WC-3

Samples Collected (Since Last Report):  
N/A

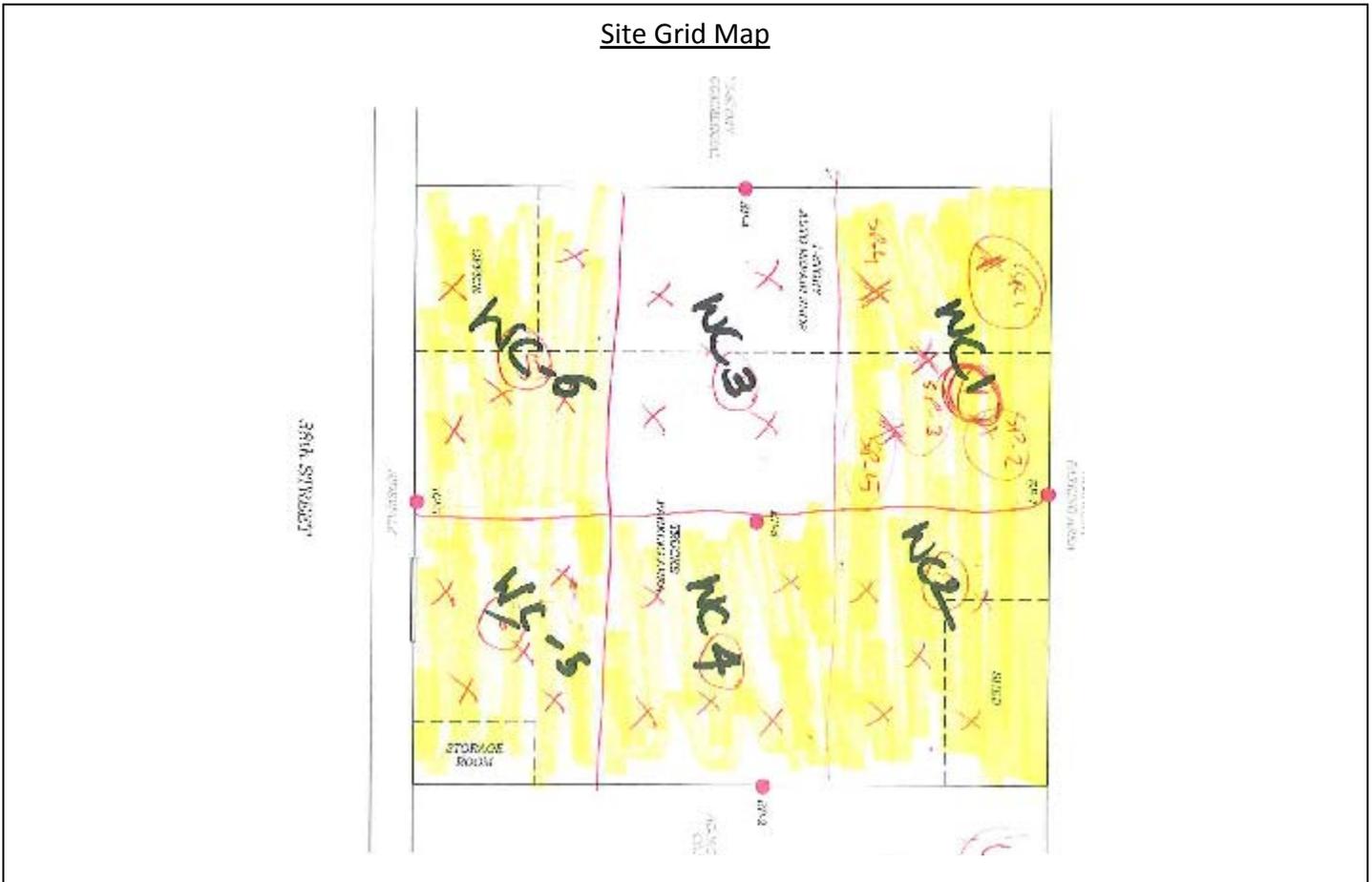
Air Monitoring (Since Last Report):  
Air monitoring for VOCs and dust performed during excavation. No readings recorded.

Problems Encountered:  
  
N/A

Planned Activities for the Next Day/ Week:  
Continue excavation and soil disposal.  
Pump and remove the tank.

Facility # Name/ Location Type of Waste Solid <u>Or</u> Liquid	Facility # Clean Earth Carteret, NJ Soil/fill Solid		Facility # Malanka Secaucus, NJ Soil/fill Solid		Facility # Name Location Type of Waste Solid <u>Or</u> Liquid		Facility # Name Location Type of Waste Solid <u>Or</u> Liquid		Example: ##### Clean Earth Carteret, NJ petroleum soils Solid	
	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds. <u>Or</u> Gallons	Trucks	Cu. Yds. <u>Or</u> Gallons	Trucks	Cu. Yds.
Today	17	425	0	0					5	120
Total	62	1700	95	2375					25	600

NYC Clean Soil Bank		Receiving Facility: NA			
Tracking No.:	NA				
Today	Trucks	Cu. Yds.	Total	Trucks	Cu. Yds.



## Photo Log

Photo 1 – Trucks being loaded



Photo 2 – Trucks being washed



Photo 3 – View from excavation



# DAILY STATUS REPORT

Prepared By: Ezgi Karayel

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

VCP Project No.:	12CVCP048K	E-Number:		Date:	7/2/13
Project Name:	1309 – 1321 38 <sup>th</sup> Street, Brooklyn, NY				

Consultant: Ezgi Karayel Hydro Tech Environmental Corp	Safety Officer:
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General Contractor: Yossi Gruber M & Y Developers, Inc	Site Manager/ Supervisor: Sam Gruber
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Work Activities Performed (Since Last Report):  
Excavation and disposal of soil

Working In Grid #: WC-4 and WC-5

Samples Collected (Since Last Report):

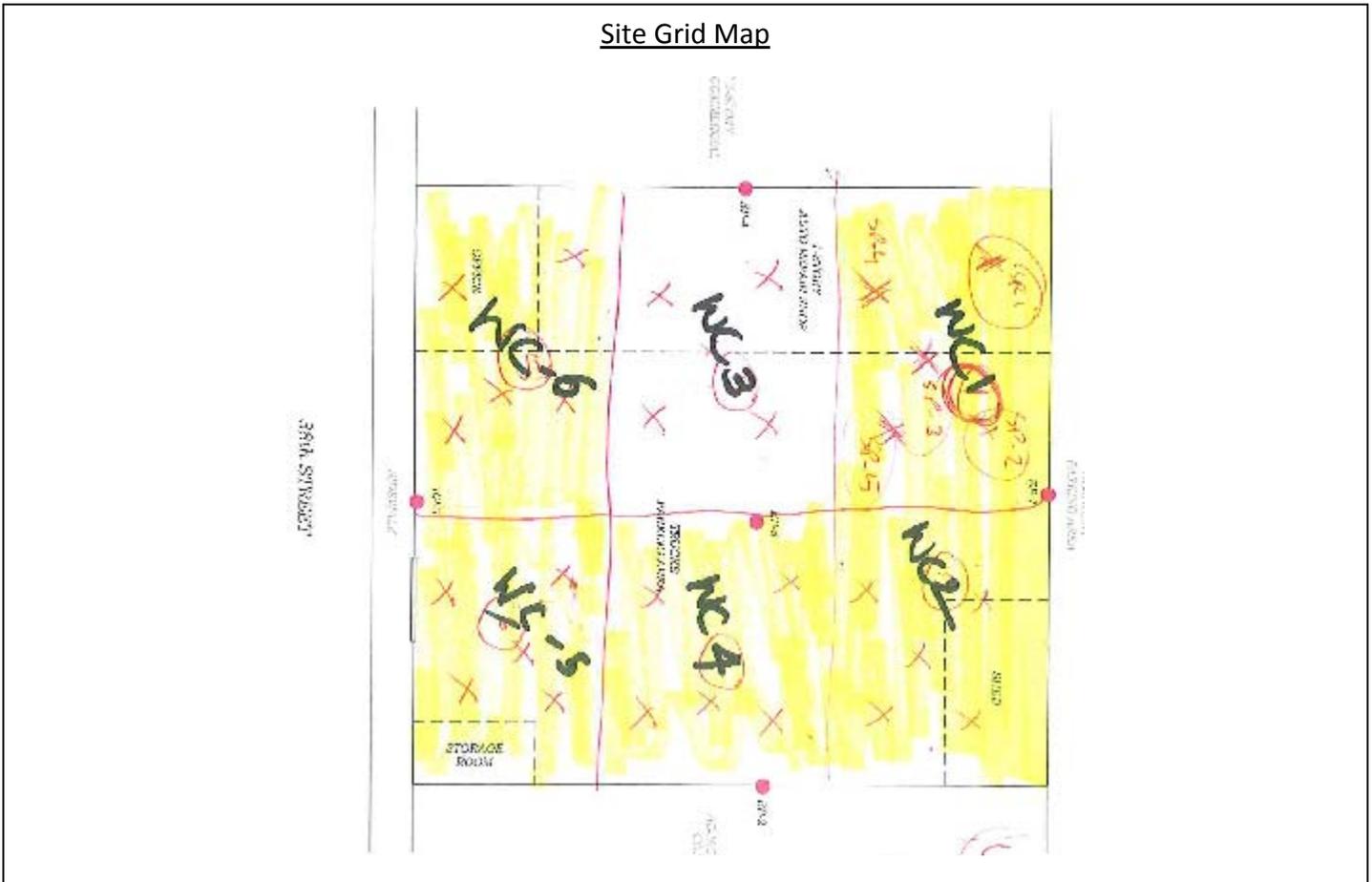
Air Monitoring (Since Last Report):  
Air monitoring for VOCs and dust performed during excavation. No readings recorded.

Problems Encountered:

Planned Activities for the Next Day/ Week:  
Continue excavation and soil disposal.

Facility # Name/ Location Type of Waste Solid <u>Or</u> Liquid	Facility # Clean Earth Carteret, NJ Soil/fill Solid		Facility # Malanka Secaucus, NJ Soil/fill Solid		Facility # Name Location Type of Waste Solid <u>Or</u> Liquid		Facility # Name Location Type of Waste Solid <u>Or</u> Liquid		Example: ##### Clean Earth Carteret, NJ petroleum soils Solid	
	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds. <u>Or</u> Gallons	Trucks	Cu. Yds. <u>Or</u> Gallons	Trucks	Cu. Yds.
Today	0	0	11	275					5	120
Total	4	100	70	1750					25	600

NYC Clean Soil Bank		Receiving Facility: NA			
Tracking No.:	NA				
Today	Trucks	Cu. Yds.	Total	Trucks	Cu. Yds.



## Photo Log

Photo 1 – Truck loading



Photo 2 – Truck washing



Photo 3 – gravel in the entrance



# DAILY STATUS REPORT

Prepared By: Ezgi Karayel

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

VCP Project No.:	12CVCP048K	E-Number:		Date:	7/25/13
Project Name:	1309 – 1321 38 <sup>th</sup> Street, Brooklyn, NY				

Consultant: Ezgi Karayel Hydro Tech Environmental Corp	Safety Officer:
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General Contractor: Yossi Gruber M & Y Developers, Inc.	Site Manager/ Supervisor: Sam Gruber
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Work Activities Performed (Since Last Report):  
RCA was delivered to be used around the SSDS piping and as a gravel bed.

Working In Grid #: WC-1

Samples Collected (Since Last Report):  
N/A

Air Monitoring (Since Last Report):  
N/A

Problems Encountered:  
N/A

Planned Activities for the Next Day/ Week:  
General construction activities, shoring.

Example:

Facility # Name/ Location Type of Waste Solid <u>Or</u> Liquid	Facility # Clean Earth Carteret, NJ Soil/fill Solid		Facility # Malanka Secaucus, NJ Soil/fill Solid		Facility # Name Location Type of Waste Solid <u>Or</u> Liquid		Facility # Name Location Type of Waste Solid <u>Or</u> Liquid		##### Clean Earth Carteret, NJ petroleum soils Solid	
	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds. <u>Or</u> Gallons	Trucks	Cu. Yds. <u>Or</u> Gallons	Trucks	Cu. Yds.
Today	0	0	0	0					5	120
Total	62	1700	95	2375					25	600

NYC Clean Soil Bank		Receiving Facility: NA			
Tracking No.:	NA				
Today	Trucks	Cu. Yds.	Total	Trucks	Cu. Yds.



**Photo Log**

Photo 1 – Truck delivering the stone



Photo 2 – RCA



Photo 3 – View from the Site



# DAILY STATUS REPORT

Prepared By: Ezgi Karayel

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

VCP Project No.:	12CVCP048K	E-Number:		Date:	7/30/13
Project Name:	1309 – 1321 38 <sup>th</sup> Street, Brooklyn, NY				

Consultant: Ezgi Karayel Hydro Tech Environmental Corp	Safety Officer:
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General Contractor: Yossi Gruber M & Y Developers, Inc.	Site Manager/ Supervisor: Sam Gruber
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Work Activities Performed (Since Last Report):  
Membrane and SSDS piping delivery

Working In Grid #: WC-1

Samples Collected (Since Last Report):  
N/A

Air Monitoring (Since Last Report):  
N/A

Problems Encountered:  
N/A

Planned Activities for the Next Day/ Week:  
General construction activities, shoring.

Example:

Facility # Name/ Location Type of Waste Solid <u>Or</u> Liquid	Facility # Clean Earth Carteret, NJ Soil/fill Solid		Facility # Malanka Secaucus, NJ Soil/fill Solid		Facility # Name Location Type of Waste Solid <u>Or</u> Liquid		Facility # Name Location Type of Waste Solid <u>Or</u> Liquid		##### Clean Earth Carteret, NJ petroleum soils Solid	
	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds. <u>Or</u> Gallons	Trucks	Cu. Yds. <u>Or</u> Gallons	Trucks	Cu. Yds.
Today	0	0	0	0					5	120
Total	62	1700	95	2375					25	600

NYC Clean Soil Bank		Receiving Facility: NA			
Tracking No.:	NA				
Today	Trucks	Cu. Yds.	Total	Trucks	Cu. Yds.



**Photo Log**

Photo 1 – GSE membrane to be installed beneath slab



Photo 2 – RCA spread



Photo 3 – View from the Site



# DAILY STATUS REPORT

Prepared By: Ezgi Karayel

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

VCP Project No.:	12CVCP048K	E-Number:		Date:	7/3/13
Project Name:	1309 – 1321 38 <sup>th</sup> Street, Brooklyn, NY				

Consultant: Ezgi Karayel Hydro Tech Environmental Corp	Safety Officer:
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General Contractor: Yossi Gruber M & Y Developers, Inc	Site Manager/ Supervisor: Sam Gruber
--	---

Work Activities Performed (Since Last Report):  
Excavation and disposal of soil  
Two monitoring wells were installed to 60 feet below grade by Aquifer Drilling and Testing Inc. under the supervision of Hydro Tech.

Working In Grid #: WC-5

Samples Collected (Since Last Report):

Air Monitoring (Since Last Report):  
Air monitoring for VOCs and dust performed during excavation. No readings recorded.

Problems Encountered:

Planned Activities for the Next Day/ Week:  
Continue excavation and soil disposal.  
Pump and remove the tank.

Facility # Name/ Location Type of Waste Solid <u>Or</u> Liquid	Facility # Clean Earth Carteret, NJ Soil/fill Solid		Facility # Malanka Secaucus, NJ Soil/fill Solid		Facility # Name Location Type of Waste Solid <u>Or</u> Liquid		Facility # Name Location Type of Waste Solid <u>Or</u> Liquid		Example: ##### Clean Earth Carteret, NJ petroleum soils Solid	
	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds. <u>Or</u> Gallons	Trucks	Cu. Yds. <u>Or</u> Gallons	Trucks	Cu. Yds.
Today	0	0	11	275					5	120
Total	4	100	81	2025					25	600

NYC Clean Soil Bank		Receiving Facility: NA			
Tracking No.:	NA				
Today	Trucks	Cu. Yds.	Total	Trucks	Cu. Yds.



## Photo Log

Photo 1 – Truck loading



Photo 2 – general view from the site



Photo 3 – monitoring well installation by ADT



# DAILY STATUS REPORT

Prepared By: Ezgi Karayel

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

VCP Project No.:	12CVCP048K	E-Number:		Date:	7/5/13
Project Name:	1309 – 1321 38 <sup>th</sup> Street, Brooklyn, NY				

Consultant: Ezgi Karayel Hydro Tech Environmental Corp	Safety Officer:
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General Contractor: Yossi Gruber M & Y Developers, Inc	Site Manager/ Supervisor: Sam Gruber
--	---

Work Activities Performed (Since Last Report):  
No trucking. Tank is moved to grid WC-3 and covered. It is being stored on site until it is removed. Soil is backfilled to grids 5 and 6 since they were over excavated. Soil from grid #4 is used to backfill.  
Excavation activities will continue next week.

Working In Grid #: WC-5 and WC-6

Samples Collected (Since Last Report):

Air Monitoring (Since Last Report):  
Air monitoring for VOCs and dust performed during excavation. No readings recorded.

Problems Encountered:

Planned Activities for the Next Day/ Week:  
Continue excavation and soil disposal.  
Pump and remove the tank.

Facility # Name/ Location Type of Waste Solid <u>Or</u> Liquid	Facility # Clean Earth Carteret, NJ Soil/fill Solid		Facility # Malanka Secaucus, NJ Soil/fill Solid		Facility # Name Location Type of Waste Solid <u>Or</u> Liquid		Facility # Name Location Type of Waste Solid <u>Or</u> Liquid		Example: ##### Clean Earth Carteret, NJ petroleum soils Solid	
	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds. <u>Or</u> Gallons	Trucks	Cu. Yds. <u>Or</u> Gallons	Trucks	Cu. Yds.
Today	0	0	0	0					5	120
Total	4	100	81	2025					25	600

NYC Clean Soil Bank		Receiving Facility: NA			
Tracking No.:	NA				
Today	Trucks	Cu. Yds.	Total	Trucks	Cu. Yds.



## Photo Log

Photo 1 – Grids backfilled



Photo 2 – tank being moved



Photo 3 – tank being moved



# DAILY STATUS REPORT

Prepared By: Ezgi Karayel

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

VCP Project No.:	12CVCP048K	E-Number:		Date:	7/8/13
Project Name:	1309 – 1321 38 <sup>th</sup> Street, Brooklyn, NY				

Consultant: Ezgi Karayel Hydro Tech Environmental Corp	Safety Officer:
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General Contractor: Yossi Gruber M & Y Developers, Inc	Site Manager/ Supervisor: Sam Gruber
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Work Activities Performed (Since Last Report):  
  
14 loads are transferred to Malanka mostly from WC-2 and a little from WC-6.

Working In Grid #: WC-2 and WC-6

Samples Collected (Since Last Report):

Air Monitoring (Since Last Report):  
Air monitoring for VOCs and dust performed during excavation. No readings recorded.

Problems Encountered:

Planned Activities for the Next Day/ Week:  
Continue excavation and soil disposal.  
Pump and remove the tank.  
Monitoring and sampling of monitoring wells.

Example:

Facility # Name/ Location Type of Waste Solid <u>Or</u> Liquid	Facility # Clean Earth Carteret, NJ Soil/fill Solid		Facility # Malanka Secaucus, NJ Soil/fill Solid		Facility # Name Location Type of Waste Solid <u>Or</u> Liquid		Facility # Name Location Type of Waste Solid <u>Or</u> Liquid		##### Clean Earth Carteret, NJ petroleum soils Solid	
	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds. <u>Or</u> Gallons	Trucks	Cu. Yds. <u>Or</u> Gallons	Trucks	Cu. Yds.
<b>Today</b>	0	0	14	350					5	120
<b>Total</b>	4	100	95	2375					25	600

NYC Clean Soil Bank		Receiving Facility: NA			
Tracking No.:	NA				
Today	Trucks	Cu. Yds.	Total	Trucks	Cu. Yds.



**Photo Log**

Photo 1 – Trucks being loaded



Photo 2 – tank covered



Photo 3 – trucks being loaded



# DAILY STATUS REPORT

Prepared By: Ezgi Karayel

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

VCP Project No.:	12CVCP048K	E-Number:		Date:	7/9/13
Project Name:	1309 – 1321 38 <sup>th</sup> Street, Brooklyn, NY				

Consultant: Ezgi Karayel Hydro Tech Environmental Corp	Safety Officer:
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General Contractor: Yossi Gruber M & Y Developers, Inc.	Site Manager/ Supervisor: Sam Gruber
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Work Activities Performed (Since Last Report):

10 loads were transferred to Clean Earth – Carteret facility from WC-3.  
2 monitoring wells were monitored and sampled.

Working In Grid #: WC-3

Samples Collected (Since Last Report):

2 groundwater samples were collected.

Air Monitoring (Since Last Report):

Air monitoring for VOCs and dust performed during excavation. No readings recorded.

Problems Encountered:

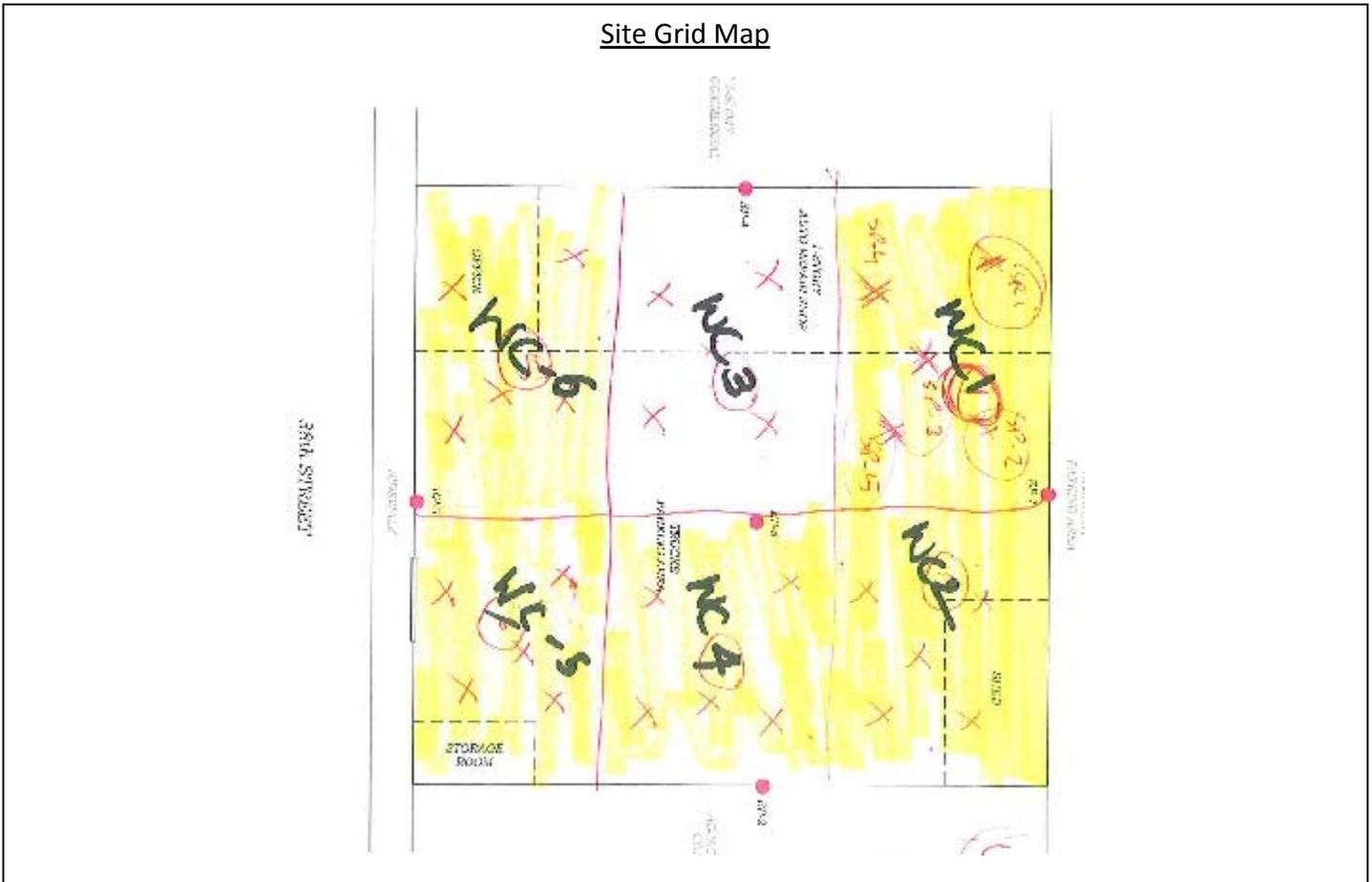
N/A

Planned Activities for the Next Day/ Week:

Continue excavation and soil disposal.  
Pump and remove the tank.

Facility # Name/ Location Type of Waste Solid <u>Or</u> Liquid	Facility # Clean Earth Carteret, NJ Soil/fill Solid		Facility # Malanka Secaucus, NJ Soil/fill Solid		Facility # Name Location Type of Waste Solid <u>Or</u> Liquid		Facility # Name Location Type of Waste Solid <u>Or</u> Liquid		Example: ##### Clean Earth Carteret, NJ petroleum soils Solid	
	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds. <u>Or</u> Gallons	Trucks	Cu. Yds. <u>Or</u> Gallons	Trucks	Cu. Yds.
Today	10	250	0	0					5	120
Total	14	350	95	2375					25	600

NYC Clean Soil Bank		Receiving Facility: NA			
Tracking No.:	NA				
Today	Trucks	Cu. Yds.	Total	Trucks	Cu. Yds.



**Photo Log**

Photo 1 – Wells were monitored and sampled



Photo 2 – trucks being loaded



Photo 3 – trucks being loaded



# DAILY STATUS REPORT

Prepared By: Ezgi Karayel

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

VCP Project No.:	12CVCP048K	E-Number:		Date:	8/14/13
Project Name:	1309 – 1321 38 <sup>th</sup> Street, Brooklyn, NY				

Consultant: Ezgi Karayel Hydro Tech Environmental Corp	Safety Officer:
--	-----------------

General Contractor: Yossi Gruber M & Y Developers, Inc.	Site Manager/ Supervisor: Sam Gruber
---	---

Work Activities Performed (Since Last Report):  
Clean fill import from New York Sand & Stone

Working In Grid #: WC-3, WC-5 and WC-6.

Samples Collected (Since Last Report):  
4 sidewalls and 1 bottom endpoint soil samples were collected as per Stipulation List.

Air Monitoring (Since Last Report):  
N/A

Problems Encountered:  
N/A

Planned Activities for the Next Day/ Week:  
General construction activities, shoring.

Example:

Facility # Name/ Location Type of Waste Solid <u>Or</u> Liquid	Facility # Clean Earth Carteret, NJ Soil/fill Solid		Facility # Malanka Secaucus, NJ Soil/fill Solid		Facility # Name Location Type of Waste Solid <u>Or</u> Liquid		Facility # Name Location Type of Waste Solid <u>Or</u> Liquid		##### Clean Earth Carteret, NJ petroleum soils Solid	
	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds. <u>Or</u> Gallons	Trucks	Cu. Yds. <u>Or</u> Gallons	Trucks	Cu. Yds.
Today	0	0	0	0					5	120
Total	62	1700	95	2375					25	600

NYC Clean Soil Bank		Receiving Facility: NA			
Tracking No.:	NA				
Today	Trucks	Cu. Yds.	Total	Trucks	Cu. Yds.



## Photo Log

Photo 1 – Clean fill from Sand and Stone



Photo 2 – View from the Site



Photo 3 – SSDS piping and membrane on 38<sup>th</sup> street



# DAILY STATUS REPORT

Prepared By: Ezgi Karayel

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

VCP Project No.:	12CVCP048K	E-Number:		Date:	8/15/13
Project Name:	1309 – 1321 38 <sup>th</sup> Street, Brooklyn, NY				

Consultant: Ezgi Karayel Hydro Tech Environmental Corp	Safety Officer:
--	-----------------

General Contractor: Yossi Gruber M & Y Developers, Inc.	Site Manager/ Supervisor: Sam Gruber
---	---

Work Activities Performed (Since Last Report):  
Membrane installation beneath the slab

Working In Grid #: WC-5 and WC-6.

Samples Collected (Since Last Report):  
N/A

Air Monitoring (Since Last Report):  
N/A

Problems Encountered:  
  
N/A

Planned Activities for the Next Day/ Week:  
General construction activities, shoring.

Example:

Facility # Name/ Location Type of Waste Solid <u>Or</u> Liquid	Facility # Clean Earth Carteret, NJ Soil/fill Solid		Facility # Malanka Secaucus, NJ Soil/fill Solid		Facility # Name Location Type of Waste Solid <u>Or</u> Liquid		Facility # Name Location Type of Waste Solid <u>Or</u> Liquid		##### Clean Earth Carteret, NJ petroleum soils Solid	
	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds. <u>Or</u> Gallons	Trucks	Cu. Yds. <u>Or</u> Gallons	Trucks	Cu. Yds.
Today	0	0	0	0					5	120
Total	62	1700	95	2375					25	600

NYC Clean Soil Bank		Receiving Facility: NA			
Tracking No.:	NA				
Today	Trucks	Cu. Yds.	Total	Trucks	Cu. Yds.



## Photo Log

Photo 1 – membrane installation over clean fill



Photo 2 – membrane installation



Photo 3 – membrane installation



# DAILY STATUS REPORT

Prepared By: Ezgi Karayel

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

VCP Project No.:	12CVCP048K	E-Number:		Date:	8/16/13
Project Name:	1309 – 1321 38 <sup>th</sup> Street, Brooklyn, NY				

Consultant: Ezgi Karayel Hydro Tech Environmental Corp	Safety Officer:
--	-----------------

General Contractor: Yossi Gruber M & Y Developers, Inc.	Site Manager/ Supervisor: Sam Gruber
---	---

Work Activities Performed (Since Last Report):  
Membrane installation beneath the slab

Working In Grid #: WC-2 and WC-3.

Samples Collected (Since Last Report):  
N/A

Air Monitoring (Since Last Report):  
N/A

Problems Encountered:  
  
N/A

Planned Activities for the Next Day/ Week:  
General construction activities, shoring.

Example:

Facility # Name/ Location Type of Waste Solid <u>Or</u> Liquid	Facility # Clean Earth Carteret, NJ Soil/fill Solid		Facility # Malanka Secaucus, NJ Soil/fill Solid		Facility # Name Location Type of Waste Solid <u>Or</u> Liquid		Facility # Name Location Type of Waste Solid <u>Or</u> Liquid		##### Clean Earth Carteret, NJ petroleum soils Solid	
	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds. <u>Or</u> Gallons	Trucks	Cu. Yds. <u>Or</u> Gallons	Trucks	Cu. Yds.
Today	0	0	0	0					5	120
Total	62	1700	95	2375					25	600

NYC Clean Soil Bank		Receiving Facility: NA			
Tracking No.:	NA				
Today	Trucks	Cu. Yds.	Total	Trucks	Cu. Yds.



## Photo Log

Photo 1 – membrane installation over clean fill



Photo 2 – membrane installation



Photo 3 – membrane installation



# DAILY STATUS REPORT

Prepared By: Ezgi Karayel

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

VCP Project No.:	12CVCP048K	E-Number:		Date:	8/20/13
Project Name:	1309 – 1321 38 <sup>th</sup> Street, Brooklyn, NY				

Consultant: Ezgi Karayel Hydro Tech Environmental Corp	Safety Officer:
--	-----------------

General Contractor: Yossi Gruber M & Y Developers, Inc.	Site Manager/ Supervisor: Sam Gruber
---	---

Work Activities Performed (Since Last Report):  
Membrane installation beneath the slab

Working In Grid #: WC-3, WC-4, WC-5 and WC-6

Samples Collected (Since Last Report):  
N/A

Air Monitoring (Since Last Report):  
N/A

Problems Encountered:  
N/A

Planned Activities for the Next Day/ Week:  
General construction activities, shoring.

Example:

Facility # Name/ Location Type of Waste Solid <u>Or</u> Liquid	Facility # Clean Earth Carteret, NJ Soil/fill Solid		Facility # Malanka Secaucus, NJ Soil/fill Solid		Facility # Name Location Type of Waste Solid <u>Or</u> Liquid		Facility # Name Location Type of Waste Solid <u>Or</u> Liquid		##### Clean Earth Carteret, NJ petroleum soils Solid	
	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds. <u>Or</u> Gallons	Trucks	Cu. Yds. <u>Or</u> Gallons	Trucks	Cu. Yds.
Today	0	0	0	0					5	120
Total	62	1700	95	2375					25	600

NYC Clean Soil Bank		Receiving Facility: NA			
Tracking No.:	NA				
Today	Trucks	Cu. Yds.	Total	Trucks	Cu. Yds.



## Photo Log

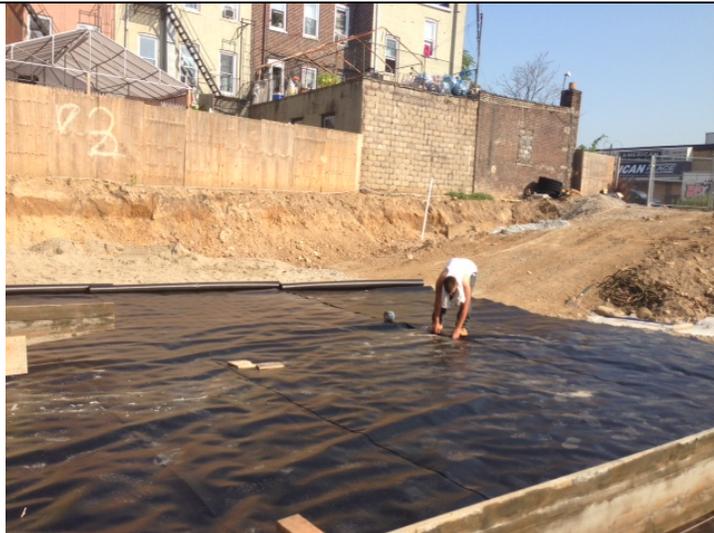
Photo 1 – membrane installation over clean fill



Photo 2 – membrane installation



Photo 3 – membrane installation



## Appendix 5: Photographs of Remedial Action

**1309-1321 38TH STREET BROOKLYN, NEW YORK**

---

**Remedial Action Report**

**APRIL 2015**

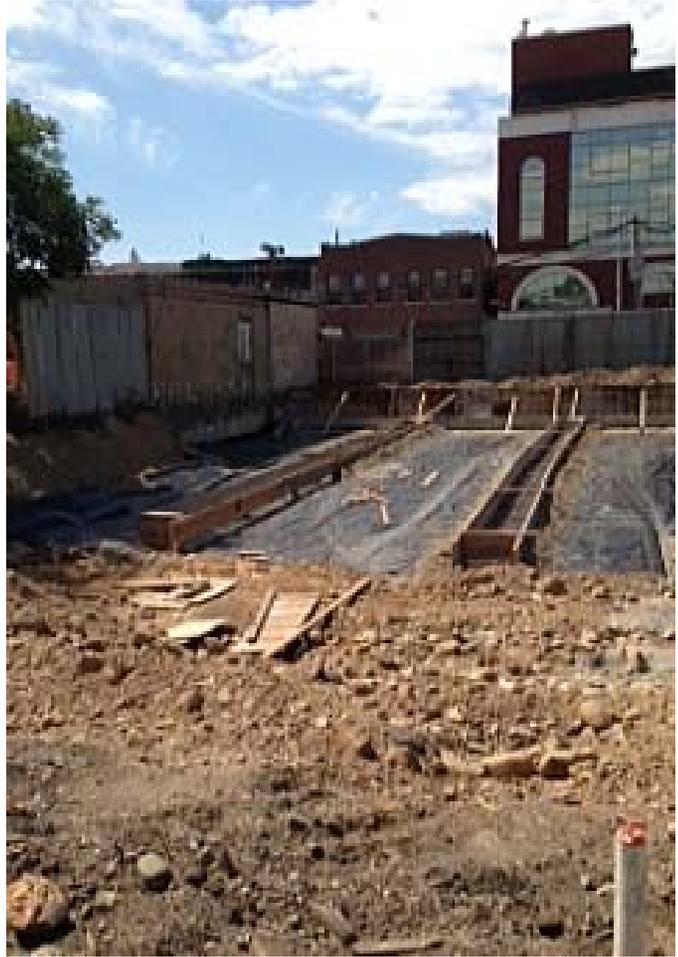


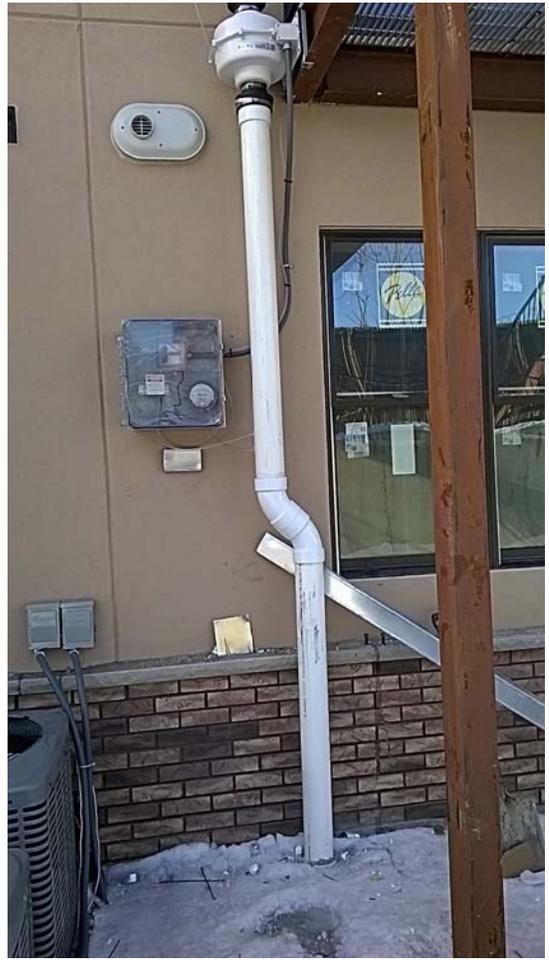




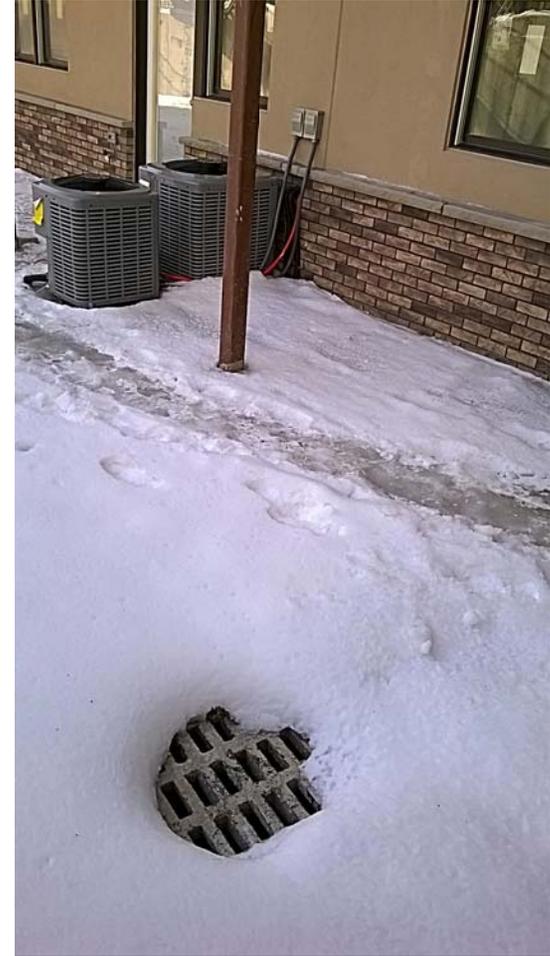












Appendix 6: UST Tank closure documentation

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**1309-1321 38TH STREET BROOKLYN, NEW YORK**

**Remedial Action Report**

**APRIL 2015**

**MERCURY TANK & PUMP SERVICE, INC.  
233 NEVINS STREET  
BROOKLYN, N.Y. 11217  
(718) 624-7490**

New York City Fire Dept.  
Bureau of Fire Prevention  
Bulk Safety Unit  
9 Metrotech  
Brooklyn, N.Y. 11201

**AFFIDAVIT**

Re: 1309 through 1321 38<sup>th</sup> Street Brooklyn; permanent removal of one 550 gallon underground gasoline tank.

In accordance with FC 3404-01, the permanent decommissioning of one 550 gallon underground gasoline oil tanks at 1309 through 1321 38<sup>th</sup> Street Brooklyn has been completed.

- The contents of the tank were completely removed
- The tank was thoroughly cleaned and rendered free of combustible vapors
- All pipes were removed, including vent line
- The fill port was removed
- The tank was removed from the ground and disposed of off site
- This work was completed on 05, July 2013

Sincerely,

  
**Mark Salamack**  
 New York City Underground Tank Installer  
 Certificate of License# 80151715 (expires 16, June 2015)

**LARRY ALLE REST JR.**  
 Notary Public, State of New York  
 No. 24-0279100  
 Qualified in Queens County  
 Commission Expires March 30, 19<sup>20</sup><sub>17</sub>

Sworn before me this 17 day of Dec 2014

22  
 Notary Public

701754-13

130171

1697684

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. C.E.S.O.G

Manifest Document No.

2. Page 1 of 907934

3. Generator's Name and Mailing Address  
M& Development (Yocoy) 1309 38th Street, Brooklyn, NY, 11227

4. Generator's Phone (347) 497-1736

5. Transporter 1 Company Name Hydrotech Environmental corp

6. US EPA ID Number MID.00.0374.73

A. Transporter's Phone

7. Transporter 2 Company Name Republic Environmental system

8. US EPA ID Number PA.04.827.1381

B. Transporter's Phone

9. Designated Facility Name and Site Address Northern Environmental

10. US EPA ID Number

C. Facility's Phone

275 Allen Ave. Providence, RI 1 R.I.D.040098352

11. Waste Shipping Name and Description

12. Containers

13. Total Quantity

14. Unit Wt/Vol

a. NON-DOT Non-RCRA Regulated Liquids

2 DM

110

GL

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

REC 07

15. Special Handling Instructions and Additional Information

Approval # 588526-00

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name Carlos Ovizonex

Signature Month Day Year 10/8/2013

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature Month Day Year 1/8/2013

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name Paul Miranda

Signature Paul Miranda Month Day Year 08/28/13

19. Discrepancy Indication Space

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

Printed/Typed Name Bruce Pittman

Signature Bruce Pittman Month Day Year 19/3/13

ORIGINAL-RETURN TO GENERATOR

GENERATOR TRANSPORTER FACILITY



Appendix 7: Disposal Facility Approval and Approval Letters

**1309-1321 38TH STREET BROOKLYN, NEW YORK**

---

**Remedial Action Report**

**APRIL 2015**



# Hydro Tech Environmental, Corp.

Main Office  
77 Arkay Drive, Suite G  
Hauppauge, New York 11788  
T (631) 462-5866 • F (631) 462-5877

NYC Office  
15 Ocean Ave, 2<sup>nd</sup> Floor  
Brooklyn, New York 11225  
T (718) 636-0800 • F (718) 636-0900

[www.hydrotechenvironmental.com](http://www.hydrotechenvironmental.com)  
Toll Free (866) HYDRO-TK

---

January 15, 2014

Mayor's Office of Environmental Remediation  
100 Gold Street, 2<sup>nd</sup> Floor  
New York, New York 10038

**Re: 1309 38<sup>th</sup> Street, Brooklyn, New York  
NYC VCP #12CVCP048K**

To Whom It May Concern,

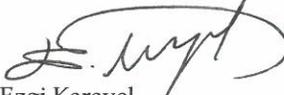
The letter is intended to provide a summary of the soil disposal activities at the above referenced VCP Site that occurred during the remediation of the property.

A total of 2,492.02 tons of soil was excavated from the Site and disposed of at Clean Earth of Carteret located in Carteret, New Jersey.

A total of 2,918.17 tons of soil was excavated from the Site and disposed of at the Malanka located in Secaucus, New Jersey.

Should you have any questions or comments, please feel free to contact me at your convenience at (718) 636-0800.

Very Truly Yours,  
**Hydro Tech Environmental, Corp.**

  
Ezgi Karayel  
Project Engineer

Cc: HTE File No.130171

Fill Material Certification No. 178

**Malanka Landfill, Secaucus, NJ**

**Sending Source:** Clean Earth

@ 1309 38<sup>th</sup> Street, Brooklyn, NY

**Contact:** Nipham Shah (973) 344-4004  
*Name Phone*

**Volume:** 3,800 cy *Tons/Cubic Yards*

**Material Description:** Construction Fill

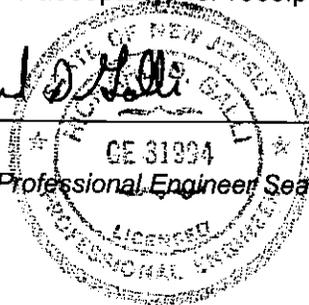
- X Due diligence has been completed
- X Application has been received and reviewed
- X Sampling has been completed

**Standards Met**

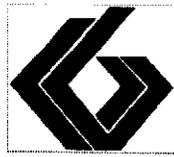
- Residential
- Non-Residential
- X Material does not exceed Malanka Site Specific Limits

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: 6/25/2013



**Galli Engineering, P.C.**

June 25, 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: 1309 38<sup>th</sup> Street, Brooklyn  
Approval #178

Mr. Allen:

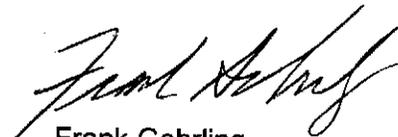
This letter is the Third Party Engineering Certification for Application for Acceptance of Fill Materials at the Malanka Landfill. The following documents were reviewed:

Laboratory reports from York Labs  
Sampling Location Maps from Hydro Tech Environmental

Review of the Laboratory Report from York Laboratory 13F0391, sampled on 6/10-11/2013 show that some sample results do meet the standards found in the Material Acceptance Protocol for Malanka Landfill dated February 8, 2012. Soil in grids WC-1, WC-2, WC-4, WC-5 and WC-6 are approved for disposal at Malanka with minor averaging of Benzo(a)pyrene. Grid WC-3 is not approved due to high PAH. The amount of 3,800 cy from site is approved.

Sincerely yours,

  
Richard D. Galli, P.E.  
Principal  
GE 31994  


  
Frank Gehrling  
Senior Geologist

**VIA ELECTRONIC MAIL**

July 8, 2013

Rachel Ataman  
Hydro Tech Environmental, Corp

Re: Acceptance Letter for the Fill material from 1309-1319 38<sup>th</sup> Street, Brooklyn, NY  
**Approval # 133070906**

Dear Ms. Ataman,

Clean Earth of Carteret, Inc. (CEC) is pleased to provide you with this acceptance letter for the soil material being generated for offsite disposal from the aforementioned project. We reviewed the laboratory analytical data report prepared by York Analytical Laboratories, Inc (York Project # 13F0391 & 13F1010)) representing the project soil material for offsite disposal. Based on our review, soil sample results data meets analytical criteria of our NJDEP permitted Class-B Recycling Facility in Carteret, NJ. Fill material represented by Sample ID: WC-3 can be accepted at CEC.

Please provide the approval number when scheduling and include the Sample ID on all manifests when shipping soils to CEC. Please be advised that should the material be found to be non-conforming based on our facility permit requirements, CEC will contact you to discuss next steps.

Should you have any questions or concerns, please do not hesitate to contact me at (304) 904-1630.

Sincerely,  
CLEAN EARTH INC.



Nipam Shah  
Senior Environmental Project Manager

cc: A. Hershkowitz, CEI  
R. Crawford, CEI



Appendix 8: Shipping and Disposal Manifests

**1309-1321 38TH STREET BROOKLYN, NEW YORK**

---

**Remedial Action Report**

**APRIL 2015**

**Clean Earth Environmental Services**

P.O. Box 95000-3755  
Philadelphia, PA 19195-0001

Phone: 215-734-1400  
Fax: 215-734-1423



**CLEAN EARTH**

Faster, smarter, greener solutions...

**Invoice**

Invoice Number: PSI0033152  
Invoice Date: 07/18/13  
Order Number

Page: 1

**Sold To:**

FAST DEVELOPMENT LLC  
26 HEYWARD ST  
BROOKLYN, NY 11249

**Site Address:**

Fast Development  
1309 38th Street  
Brooklyn, NY 11249

<b>Customer No.</b>	<b>Customer PO</b>	<b>Payment Terms</b>
FDL613		Credit Card
<b>Sales Rep ID</b>	<b>Shipping Method</b>	<b>Payment Due</b>
RICH CRAWFORD		07/28/13

Job No.	Description	Scale Date:	Ticket No.	Manifest No.	Quantity	Unit	Unit Price	Total Price
130585	Demurrage 6/28/2013				9.5	Unit	55.00	522.50

Amount Subject to Sales Tax	522.50	Amount Exempt from Sales Tax	0.00	Total Quantity:	0.00	Subtotal:	522.50
						Invoice Discount:	0.00
						Total Sales Tax:	46.37
						<b>Total:</b>	<b>568.87</b>

**Clean Earth of Carteret, LLC**P.O. Box 95000-3755  
Philadelphia, PA 19195-0001

Phone: 215-734-1400

Fax: 215-734-1423

**CLEAN EARTH**

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**Invoice**

Invoice Number:

PSI0032988

Invoice Date:

07/15/13

Order Number

Page:

1

**Sold To:**FAST DEVELOPMENT LLC  
26 HEYWARD ST  
BROOKLYN, NY 11249**Site Address:**Fast Development  
1309 38th Street  
Brooklyn, NY 11249

<b>Customer No.</b>	<b>Customer PO</b>	<b>Payment Terms</b>
FDL613	13093854	Credit Card
<b>Sales Rep ID</b>	<b>Shipping Method</b>	<b>Payment Due</b>
RICH CRAWFORD		07/25/13

Job No.	Description	Scale Date:	Ticket No.	Manifest No.	Quantity	Unit	Unit Price	Total Price
130585	Demurrage 6/28/2013				33	Unit	55.00	1,815.00

Amount Subject to  
Sales Tax  
1,815.00Amount Exempt  
from Sales Tax  
0.00Total Quantity:  
0.00Subtotal: 1,815.00  
Invoice Discount: 0.00  
Total Sales Tax: 161.08**Total: 1,976.08**

**Clean Earth Environmental Services**

P.O. Box 95000-3755  
 Philadelphia, PA 19195-0001

Phone: 215-734-1400  
 Fax: 215-734-1423



# CLEAN EARTH

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## Invoice

**Invoice Number:**  
PSI0036922  
**Invoice Date:**  
09/30/13  
**Order Number**

**Page:**  
1

**Sold To:**

FAST DEVELOPMENT LLC  
 26 HEYWARD ST  
 BROOKLYN, NY 11249

**Site Address:**

Fast Development  
 1309 38th Street  
 Brooklyn, NY 11249

<b>Customer No.</b>	<b>Customer PO</b>	<b>Payment Terms</b>
FDL613		Credit Card
<b>Sales Rep ID</b>	<b>Shipping Method</b>	<b>Payment Due</b>
RICH CRAWFORD		10/10/13

Job No.	Description	Scale Date:	Ticket No.	Manifest No.	Quantity	Unit	Unit Price	Total Price
130585	Re: MYLANKA							
130585	Demurrage 6/28/2013				4.06	Unit	65.00	263.90

Amount Subject to Sales Tax 263.90	Amount Exempt from Sales Tax 0.00	Total Quantity: 0.00	Subtotal: 263.90
			Invoice Discount: 0.00
			Total Sales Tax: 23.42
			<b>Total: 287.32</b>

**Clean Earth Environmental Services**

P.O. Box 95000-3755  
Philadelphia, PA 19195-0001

Phone: 215-734-1400  
Fax: 215-734-1423



**CLEAN EARTH**

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**Invoice**

Invoice Number: PSI0032974  
Invoice Date: 07/15/13  
Order Number

Page: 1

**Sold To:**

FAST DEVELOPMENT LLC  
26 HEYWARD ST  
BROOKLYN, NY 11249

**Site Address:**

Fast Development  
1309 38th Street  
Brooklyn, NY 11249

<b>Customer No.</b>	<b>Customer PO</b>	<b>Payment Terms</b>
FDL613		Credit Card
<b>Sales Rep ID</b>	<b>Shipping Method</b>	<b>Payment Due</b>
RICH CRAWFORD		07/25/13

Job No.	Description	Scale Date:	Ticket No.	Manifest No.	Quantity	Unit	Unit Price	Total Price
130585	Beneficial Use	06/28/13	305000015880		601.03	Tons	37.50	22,538.63
130585	Beneficial Use	07/03/13	305000015900		338.81	Tons	37.50	12,705.38
130585	Beneficial Use	07/02/13	305000015901		372.31	Tons	37.50	13,961.63
130585	Beneficial Use	07/01/13	305000015902		571.08	Tons	37.50	21,415.50
130585	Env, Energy, and Ins Fee				1	Unit	2,307.90	2,307.90

Amount Subject to Sales Tax	Amount Exempt from Sales Tax	Total Quantity:	Subtotal:	72,929.04
72,929.04	0.00	1,883.23	Invoice Discount:	0.00
			Total Sales Tax:	6,472.45
			<b>Total:</b>	<b>79,401.49</b>

**Clean Earth of Carteret, LLC**  
P.O. Box 95000-3755  
Philadelphia, PA 19195-0001

Phone: 215-734-1400  
Fax: 215-734-1423



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**Invoice**

Invoice Number:  
PSI0033281  
Invoice Date:  
07/22/13  
Order Number

Page:  
1

**Sold To:**  
FAST DEVELOPMENT LLC  
26 HEYWARD ST  
BROOKLYN, NY 11249

**Site Address:**  
Fast Development  
1309 38th Street  
Brooklyn, NY 11249

Customer No.	Customer PO	Payment Terms
FDL613	13093854	Credit Card
Sales Rep ID	Shipping Method	Payment Due
RICH CRAWFORD		08/01/13

Job No.	Description	Scale Date:	Ticket No.	Manifest No.	Quantity	Unit	Unit Price	Total Price
130585	Soil Treatment Type II	07/17/13	307000284041	250948	33.26	Tons	47.00	1,563.22
130585	Soil Treatment Type II	07/17/13	307000284043	250951	39.26	Tons	47.00	1,845.22
130585	Soil Treatment Type II	07/17/13	307000284044	250950	38.46	Tons	47.00	1,807.62
130585	Soil Treatment Type II	07/17/13	307000284045	250952	35.08	Tons	47.00	1,648.76
130585	Soil Treatment Type II	07/17/13	307000284046	250949	32.29	Tons	47.00	1,517.63
130585	Soil Treatment Type II	07/17/13	307000284111	784929	32.98	Tons	47.00	1,550.06
130585	Soil Treatment Type II	07/17/13	307000284112	784930	29.6	Tons	47.00	1,391.20
130585	Soil Treatment Type II	07/17/13	307000284119	MARIO	31.24	Tons	47.00	1,468.28
130585	2 TPH 7/17/2013				2	Unit	100.00	200.00
130585	Env, Energy, and Ins Fee				1	Unit	496.44	496.44

Amount Subject to Sales Tax	0.00	Amount Exempt from Sales Tax	13,488.43	Total Quantity:	272.17	Subtotal:	13,488.43
						Invoice Discount:	0.00
						Tax:	0.00
						<b>Total:</b>	<b>13,488.43</b>

**Clean Earth of Carteret, LLC**

P.O. Box 95000-3755  
Philadelphia, PA 19195-0001

Phone: 215-734-1400

Fax: 215-734-1423



**CLEAN EARTH**

Faster, smarter, greener solutions..

**Invoice**

**Invoice Number:**  
PSI0035403  
**Invoice Date:**  
08/31/13  
**Order Number**

**Page:**  
1

**Sold To:**

FAST DEVELOPMENT LLC  
26 HEYWARD ST  
BROOKLYN, NY 11249

**Site Address:**

Fast Development  
1309 38th Street  
Brooklyn, NY 11249

<b>Customer No.</b>	<b>Customer PO</b>	<b>Payment Terms</b>
FDL613	13093854	Credit Card
<b>Sales Rep ID</b>	<b>Shipping Method</b>	<b>Payment Due</b>
RICH CRAWFORD		09/10/13

Job No.	Description	Scale Date:	Ticket No.	Manifest No.	Quantity	Unit	Unit Price	Total Price
130585	No Loads 7/17/2013				2	Unit	400.00	800.00

Amount Subject to Sales Tax	0.00	Amount Exempt from Sales Tax	800.00	Total Quantity:	0.00	Subtotal:	800.00
						Invoice Discount:	0.00
						Tax:	0.00
						<b>Total:</b>	<b>800.00</b>



Manifest # 784933

GLOBAL JOB NUMBER: 130585 FACILITY APPROVAL NUMBER: 133070906

Please Check One:

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Other  
\_\_\_\_\_  
\_\_\_\_\_
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700

Non-Hazardous Material Manifest

*WCS*

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>Fast Development / Fast Development</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
<u>1309 38th Street Brooklyn NY</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
<u>1/249</u>	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: _____	

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-Hazardous Soil

**GENERATOR'S CERTIFICATION** – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Carmon Morgan Title: Asst. PM  
 Signature: Carmon Morgan Date and Time: 7-17-13

**TRANSPORTER**

Company: RLS Transport. Phone Number: (862) 279-0899  
 Address: 702 Romsay Av. Hillside Truck # and License Plate: 28-AP 207R  
 Driver: Napoleon Cedeno SW Haulers Permit #: MS-864  
(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Napoleon Cedeno Date and Time: 7-17-13

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Napoleon Cedeno Date and Time: \_\_\_\_\_

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: \_\_\_\_\_ Date and Time: \_\_\_\_\_

FACILITY



Manifest # 784932

GLOBAL JOB NUMBER: 130585

FACILITY APPROVAL NUMBER: 133070906

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Other  
\_\_\_\_\_
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5620
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700

**Non-Hazardous Material Manifest**

WC-3

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>Fast Development / Fast Development</u> <u>1309 38th Street Brooklyn NY</u> <u>11249</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards <hr/> TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards <hr/> NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: _____	

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-Hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Cameron Morgan Title: ASSIST P.M.  
 Signature: Cameron Morgan Date and Time: 7-17-13

**TRANSPORTER**

Company: SH/H/T EXPRESS LLC Phone Number: (800) 277-0999  
 Address: 702 RAMSEY AV Truck # and License Plate: 02 AP161M  
 Driver: ANGEL P SW Haulers Permit #: NJ-864  
(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Angel Date and Time: 7-17-13

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Angel Date and Time: 7-17-13  
 I hereby certify that the above named material has been accepted at the above referenced facility.  
 Authorized Signature: \_\_\_\_\_ Date and Time: \_\_\_\_\_

**FACILITY**



Manifest # 784932

GLOBAL JOB NUMBER: 130589 FACILITY APPROVAL NUMBER: 133070906

Please Check One:

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Other  
\_\_\_\_\_  
\_\_\_\_\_
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700

Non-Hazardous Material Manifest

WC-3

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>Full Development / Full Development</u> <u>209 38th Street Brooklyn NY</u> <u>11244</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards	
GENERATOR'S PHONE: _____	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards	
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards	

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

NON-Hazardous Soil

**GENERATOR'S CERTIFICATION** – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Cameron Morgan Title: ASST. PM  
 Signature: Cameron Morgan Date and Time: 7-17-13

**TRANSPORTER**

Company: SHUTTLE EXPRESS LLC Phone Number: (800) 277-0909  
 Address: 702 RAISBY RD Truck # and License Plate: 02 AP161M  
 Driver: ANGEL R SW Haulers Permit #: NJ-814  
(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Angel Date and Time: 7-17-13

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Angel Date and Time: 7-17-13

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: \_\_\_\_\_ Date and Time: \_\_\_\_\_

**SITE**



Manifest # 784931

GLOBAL JOB NUMBER: 130589 FACILITY APPROVAL NUMBER: 123070906

Please Check One:

- Clean Earth of Carteret, Clean Earth of Maryland, Clean Earth of New Castle, Other, Clean Earth of Philadelphia, Clean Earth of North Jersey, Clean Earth of Southeast Pennsylvania

Non-Hazardous Material Manifest

WC-3

(Type or Print Clearly)

Table with 3 columns: Generator Name & Site Address, Gross Weight, Tare Weight, Net Weight. Includes handwritten entries for 'Fast Development / Fast Development' and '30x30' steel building by 11249'.

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

GENERATOR'S CERTIFICATION - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: [Signature], Title: Assistant Sup PM, Signature: [Signature], Date and Time: 7-12-13

TRANSPORTER

Company: RLS, Phone Number: (802) 279-8994, Address: #18, Truck # and License Plate: AN 109E, Driver: [Signature], SW Haulers Permit #: 65-804

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature], Date and Time: 7-12-13

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature], Date and Time: 7-12-13

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: \_\_\_\_\_ Date and Time: \_\_\_\_\_

SITE



Manifest # 784933

GLOBAL JOB NUMBER: 130589 FACILITY APPROVAL NUMBER: 133010706

Please Check One:

- Clean Earth of Carteret, Clean Earth of Maryland, Clean Earth of New Castle, Other, Clean Earth of Philadelphia, Clean Earth of North Jersey, Clean Earth of Southeast Pennsylvania

Non-Hazardous Material Manifest

(Type or Print Clearly)

Table with 3 columns: Generator's Name & Site Address, Gross Weight, Tare Weight, Generator's Phone, Net Weight.

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

GENERATOR'S CERTIFICATION - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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...

Name: Signature: Title: Date and Time:

TRANSPORTER

Company: Address: Driver: Phone Number: Truck # and License Plate: SW Haulers Permit #:

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Date and Time:

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time:

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time:

SITE



Manifest # 250948

GLOBAL JOB NUMBER: 130589 FACILITY APPROVAL NUMBER: 133070906

Please Check One:

- Clean Earth of Carteret, Clean Earth of Maryland, Clean Earth of New Castle, Other, Clean Earth of Philadelphia, Clean Earth of West Virginia, Clean Earth of Southeast Pennsylvania

Non-Hazardous Material Manifest

(Type or Print Clearly)

we-3

Table with 2 columns: Generator's Name & Site Address, Gross Weight, Tare Weight, Net Weight. Includes handwritten entries for address and weights.

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous Soil

GENERATOR'S CERTIFICATION - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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...

Name: Cameron Murgin Title: A.S.S. Mgr Date and Time: 7-17-13

TRANSPORTER

Company: Shirley Express LLC Phone Number: (862) 279-0899 Address: 702 Ramsey Ave, Hillside, NJ 07205 Truck # and License Plate: 28-AP207R Driver: SW Haulers Permit #: NJ-864

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Date and Time: 7-17-13

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time:

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time:

SITE



Manifest # 784929

GLOBAL JOB NUMBER: 130589

FACILITY APPROVAL NUMBER: 133070906

Please Check One:

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Other
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: Fast Development / Fast Development 1309 38th Street Brooklyn NY 11229	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE:	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous Soil

GENERATOR'S CERTIFICATION - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Cameron Morgan Title: Ass. Mgr. P.M.  
 Signature: Cameron Morgan Date and Time: 7-17-13

TRANSPORTER

Company: Shelley Emicos LLC Phone Number: 852 279 0379  
 Address: 272 Ramsey Ave. Hightstown Truck # and License Plate: NJ 10 AP6007  
 Driver: (Name) SW Haulers Permit #: NJ-164  
 (Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: (Signature) Date and Time: 7/17/13

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: (Signature) Date and Time: 7/17/13

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: (Signature) Date and Time: (Blank)

SITE



Manifest # 250951

GLOBAL JOB NUMBER: 130589 FACILITY APPROVAL NUMBER: 133070906

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Other \_\_\_\_\_
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of West Virginia  
3815 South State Route 2  
Friendly, WV 26146  
Ph: 304-652-8580
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700

**Non-Hazardous Material Manifest**

(Type or Print Clearly)

<b>GENERATOR'S NAME &amp; SITE ADDRESS:</b> <u>Fast Development/Fast Development</u> <u>1309 38<sup>th</sup> Street Brooklyn, NY 11249</u>	<b>GROSS WEIGHT:</b> <input type="checkbox"/> Tons <input type="checkbox"/> Yards
<b>GENERATOR'S PHONE:</b> _____	<b>TARE WEIGHT:</b> <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	<b>NET WEIGHT:</b> <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-Hazardous Soil

**GENERATOR'S CERTIFICATION** – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Carmen Morgan Title: ASS Mgr. Ops  
 Signature: Carmen Morgan Date and Time: 7-17-13

**TRANSPORTER**

Company: Shirley Express LLC Phone Number: (862) 279-0899  
 Address: 702 Ramsey Ave, Hillside, NJ 07205 Truck # and License Plate: AP 6005  
 Driver: David SW Haulers Permit #: NJ-864  
 (Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 7/17/13

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: 7/17/13

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: \_\_\_\_\_ Date and Time: \_\_\_\_\_



Manifest # 250949

GLOBAL JOB NUMBER: 130589 FACILITY APPROVAL NUMBER: 133070906

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Other \_\_\_\_\_
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of West Virginia  
3815 South State Route 2  
Friendly, WV 26146  
Ph: 304-652-8580
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700

**Non-Hazardous Material Manifest**

(Type or Print Clearly)

<b>GENERATOR'S NAME &amp; SITE ADDRESS:</b> Fast Development/Fast Development 1309 38 <sup>th</sup> Street Brooklyn, NY 11249	<b>GROSS WEIGHT:</b> <input type="checkbox"/> Tons <input type="checkbox"/> Yards
<b>GENERATOR'S PHONE:</b> _____	<b>TARE WEIGHT:</b> <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	<b>NET WEIGHT:</b> <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-Hazardous Soil

**GENERATOR'S CERTIFICATION** – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Cameron Morgan Title: Assistant PM  
 Signature: Cameron Morgan Date and Time: 7-17-13

**TRANSPORTER**

Company: Shirley Express LLC Phone Number: (862) 279-0899  
 Address: 702 Ramsey Ave, Hillside, NJ 07205 Truck # and License Plate: PN 1095  
 Driver: \_\_\_\_\_ SW Haulers Permit #: NJ-864  
(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: \_\_\_\_\_

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: \_\_\_\_\_

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: \_\_\_\_\_ Date and Time: \_\_\_\_\_

**SITE**



Manifest # 250950

GLOBAL JOB NUMBER: 130589 FACILITY APPROVAL NUMBER: 133070906

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Other  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of West Virginia  
3815 South State Route 2  
Friendly, WV 26146  
Ph: 304-652-8580
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700

**Non-Hazardous Material Manifest**

(Type or Print Clearly)

*WC-3*

GENERATOR'S NAME & SITE ADDRESS: <i>Fast Development/Fast Development</i>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
<i>1309 38<sup>th</sup> Street Brooklyn, NY 11249</i>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: _____	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

*Non-Hazardous Soil*

**GENERATOR'S CERTIFICATION** – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: *Camecia Morgan* Title: *ASSA P.M.*  
 Signature: *Camecia Morgan* Date and Time: *7-17-13*

**TRANSPORTER**

Company: *Shirley Express LLC* Phone Number: *(862) 279-0899*  
 Address: *702 Ramsey Ave, Hillside, NJ 07205* Truck # and License Plate: *AP 160 M #16*  
 Driver: \_\_\_\_\_ SW Haulers Permit #: *NJ-864*  
(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: *[Signature]* Date and Time: *7-17-13*

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: \_\_\_\_\_ Date and Time: *7-17-13*  
 I hereby certify that the above named material has been accepted at the above referenced facility.  
 Authorized Signature: \_\_\_\_\_ Date and Time: \_\_\_\_\_



Manifest # 250952

GLOBAL JOB NUMBER: 130589

FACILITY APPROVAL NUMBER: 133070906

Please Check One:

- Clean Earth of Carteret, Clean Earth of Maryland, Clean Earth of New Castle, Other, Clean Earth of Philadelphia, Clean Earth of West Virginia, Clean Earth of Southeast Pennsylvania

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: Fast Development/Fast Development, 1309 38th Street Brooklyn, NY 11249. GROSS WEIGHT, TARE WEIGHT, NET WEIGHT sections.

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous Soil

GENERATOR'S CERTIFICATION - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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...

Name: Cameron Morgan, Title: Asst. Mgr. PA, Signature: Cameron Morgan, Date and Time: 7-17-13

TRANSPORTER

Company: Shirley Express LLC, Phone Number: (862) 279-0899, Address: 702 Ramsey Ave, Hillside, NJ 07205, Driver: AUGIE F., SW Haulers Permit #: AP-NJ-864 M

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature], Date and Time: 7-17-13

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature], Date and Time: 7-17-13

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature], Date and Time: [Blank]

SITE



Manifest # 784930

GLOBAL JOB NUMBER: 130589 FACILITY APPROVAL NUMBER: 13307090

Please Check One:

- Clean Earth of Carteret, Clean Earth of Maryland, Clean Earth of New Castle, Other, Clean Earth of Philadelphia, Clean Earth of North Jersey, Clean Earth of Southeast Pennsylvania

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: Gross Weight, Tare Weight, Net Weight fields with checkboxes for Tons and Yards.

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION: Non-Hazardous Soil

GENERATOR'S CERTIFICATION - I hereby certify that the above named material does not contain free liquid... Name: Cameron Morgan, Title: ASST Mgr, Date and Time: 7/17/13

TRANSPORTER - Company, Address, Driver, Phone Number, Truck # and License Plate, SW Haulers Permit #: NJ-964

DESTINATION - I hereby certify that the above named material was delivered without incident to the facility noted above.

SITE

Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: (732) 541-8909 Fax: (732) 541-8105

Manifest: 109687  
Vehicle ID: SHIRLEYS

Customer: FAST DEVELOPMENT LLC  
Generator: Fast Development LLC  
Gen Address: 26 Heyward Street - 1L  
Brooklyn, NY 11249

Facility Approval#: 133070906  
Job Name: Fast Development/Fast Develop  
Job Address: 1309 30th Street  
Brooklyn, NY 11249

	Date	Time	Scale
In:	6/24/2013	10:42:20	Scale 1
Out:	6/24/2013	10:48:19	P.T.

	Lbs	Tns
Gross:	84100	42.05
Tare:	27520	13.76
Net:	56580	28.29

Origin: Materials & Services  
Quantity Unit: 28.29 Tns

Kings  
Soil Treatment Type II  
Contaminate Type: NON SPECIFIC SOURCE  
Treatment Type: Bio  
Fac Waste Code: Petroleum Contaminated Soil  
Comments:

Driver: \_\_\_\_\_  
Marco

Facility: \_\_\_\_\_  
Lukasz Ceglarek



Manifest # 189687

133070906

GLOBAL JOB NUMBER: 130585

FACILITY APPROVAL NUMBER:

Please Check One:

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

Other

Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

Clean Earth of West Virginia
3815 South State Route 2
Friendly, WV 26146
Ph: 304-652-8580

Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:

Fast Development/Fast Development

1309 38th St, Brooklyn, NY 11249

GROSS WEIGHT:

Tons Yards

TARE WEIGHT:

Tons Yards

NET WEIGHT:

Tons Yards

GENERATOR'S PHONE:

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous Soil

GENERATOR'S CERTIFICATION - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Silvestre Castillo
Signature: Silvestre Castillo

Title: Owner's representative
Date and Time: 6/24/13

TRANSPORTER

Company: Shirley Express LLC
Address: 702 Ramsey Ave, Hillside, NJ 07205
Driver: Marco Velarde

Phone Number: (862) 279-0899
Truck # and License Plate: 05 AN316N
SW Haulers Permit #: NJ-864

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 06/24/13

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: 06/24/13

I hereby certify that the above named material has been accepted at the above referenced facility.
Authorized Signature: [Signature] Date and Time: 06/24/13

GENERATOR

Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: (732) 541-8909 Fax: (732) 541-8105

Tickets: 307000281247

	Date	Time	Scale
In:	6/24/2013	15:38:05	Scale 1
Out:	6/24/2013	15:39:25	P.T.

Manifest: 189690  
Vehicle ID: SHIRLEY5

	Lbs	Tns
Gross:	86180	43.09
Tare:	27520	13.76
Net:	58660	29.33

Customer: FAST DEVELOPMENT LLC

Facility Approval#: 133870506

Generator: Fast Development LLC  
Gen Address: 26 Heyward Street - 1L  
Brooklyn, NY 11249

Job Name: Fast Development/Fast Develop  
Job Address: 1309 38th Street  
Brooklyn, NY 11249

Origin	Materials & Services	Quantity	Unit
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Kings	Soil Treatment Type II	29.33	Tns
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Contaminate Type: NON SPECIFIC SOURCE  
Treatment Type: Bio  
Fac Waste Code: Petroleum Contaminated Soil

Comments:

Driver: \_\_\_\_\_  
Marco

Facility: \_\_\_\_\_  
Lukasz Ceglarek



Manifest # 189690

GLOBAL JOB NUMBER: 130585 FACILITY APPROVAL NUMBER: 133070906

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Other \_\_\_\_\_
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of West Virginia  
3815 South State Route 2  
Friendly, WV 26146  
Ph: 304-652-8580
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700

**Non-Hazardous Material Manifest**

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>Fast Development/Fast Development</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
<u>1309 38<sup>th</sup> St, Brooklyn, NY 11249</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: _____	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-Hazardous Soil

**GENERATOR'S CERTIFICATION** – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Silvestre Castillo Title: owner's representative  
 Signature: Silvestre Castillo Date and Time: 6/24/13

**TRANSPORTER**

Company: Shirley Express LLC Phone Number: (862) 279-0899  
 Address: 702 Ramsey Ave, Hillside, NJ 07205 Truck # and License Plate: 05 AN 316 N  
 Driver: marco delambe SW Haulers Permit #: NJ-854  
(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 06/24/13

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: 06/24/13

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 6/24/13

**GENERATOR**

Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: (732) 541-8989 Fax: (732) 541-8185

Ticket: 307000281248  
Date: 6/24/2013 Time: 10:58:39 Scale: Manual W  
In: 6/24/2013 10:58:39  
Out: 6/24/2013 11:06:32 P.T.

Manifest: 189689  
Vehicle ID: SHIRLEY9

Lbs Tns  
Gross: 78940 39.47  
Tare: 27580 13.79  
Net: 51360 25.68

Customer: FAST DEVELOPMENT LLC

Facility Approval#: 133070906

Generator: Fast Development LLC  
Gen Address: 26 Heyward Street - 1L  
Brooklyn, NY 11249

Job Name: Fast Development/Fast Develop  
Job Address: 1309 30th Street  
Brooklyn, NY 11249

Origin Materials & Services Quantity Unit

Kings Soil Treatment Type II 25.68 Tns

Contaminate Type: NON SPECIFIC SOURCE  
Treatment Type: Bio  
Fac Waste Code: Petroleum Contaminated Soil

Comments:

Driver: Penafiel

Facility: Lukasz Ceglarek



... First Load (Morning)

Manifest # 139689

GLOBAL JOB NUMBER: 130585 FACILITY APPROVAL NUMBER: 133070906

Please Check One:

- Clean Earth of Carteret, Clean Earth of Maryland, Clean Earth of New Castle, Other, Clean Earth of Philadelphia, Clean Earth of West Virginia, Clean Earth of Southeast Pennsylvania

Non-Hazardous Material Manifest

(Type or Print Clearly)

Generator's Name & Site Address: Fast Development/Fast Development, 1309 38th St, Brooklyn, NY 11249. Gross Weight, Tare Weight, Net Weight sections.

Description of Material/Sample ID and Location: Non-Hazardous Soil

Generator's Certification - I hereby certify that the above named material does not contain free liquid... Name: Silvestre Castillo, Title: owner's representative, Date and Time: 6/24/13

Transporter: Shirley Express LLC, 702 Ramsey Ave, Hillside, NJ 07205. Driver: Penafiel. Phone Number: (862) 279-0899, Truck # and License Plate: 09-AM395Z, SW Haulers Permit #: NJ-864

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: PA, Date and Time: 06-24-13

Destination: I hereby certify that the above named material was delivered without incident to the facility noted above. Driver Signature: PA, Date and Time: 06-24-13. I hereby certify that the above named material has been accepted at the above referenced facility. Authorized Signature: [Signature], Date and Time: 6/24/13

GENERATOR

Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: (732) 541-8989 Fax: (732) 541-8105

Ticket: 307000201249

	Date	Time	Scale
In:	6/24/2013	15:48:13	Manual W
Out:	6/24/2013	15:50:21	P.T.

Manifest: 189688  
Vehicle ID: SHIRLEY9

	Lbs	Tns
Gross:	90120	45.06
Tare:	27500	13.79
Net:	62540	31.27

Customer: FAST DEVELOPMENT LLC

Facility Approval#: 133070906

Generator: Fast Development LLC  
Gen Address: 26 Heyward Street - 1L  
Brooklyn, NY 11249

Job Name: Fast Development/Fast Develop  
Job Address: 1309 38th Street  
Brooklyn, NY 11249

Origin	Materials & Services	Quantity	Unit
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Kings	Soil Treatment Type II	31.27	Tns
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Contaminate Type: NON SPECIFIC SOURCE  
Treatment Type: Bio  
Fac Waste Code: Petroleum Contaminated Soil

Comments:

Drivers: Penafiel

Facility: Lukasz Ceglarek



Manifest # 189688

GLOBAL JOB NUMBER: 130585

FACILITY APPROVAL NUMBER: 133070906

**Please Check One:**

- Clean Earth of Carteret  
 24 Middlesex Avenue  
 Carteret, NJ 07008  
 Ph: 732-541-8909
- Clean Earth of Maryland  
 1469 Oak Ridge Place  
 Hagerstown, MD 21740  
 Ph: 301-791-6220
- Clean Earth of New Castle  
 94 Pyles Lane  
 New Castle, DE 19720  
 Ph: 302-427-6633
- Other \_\_\_\_\_
- Clean Earth of Philadelphia  
 3201 S. 61st Street  
 Philadelphia, PA 19153  
 Ph: 215-724-5520
- Clean Earth of West Virginia  
 3815 South State Route 2  
 Friendly, WV 26146  
 Ph: 304-652-8580
- Clean Earth of Southeast Pennsylvania  
 7 Steel Road East  
 Morrisville, PA 19067  
 Ph: 215-428-1700

**Non-Hazardous Material Manifest**

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>Fast Development/Fast Development</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
<u>1309 38<sup>th</sup> St, Brooklyn, NY 11249</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: _____	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-Hazardous Soil

**GENERATOR'S CERTIFICATION** – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Silvestre Castillo Title: owner's representative  
 Signature: Silvestre Castillo Date and Time: 6/24/13

**TRANSPORTER**

Company: Shirley Express LLC Phone Number: (862) 279-0899  
 Address: 702 Ramsey Ave, Hillside, NJ 07205 Truck # and License Plate: 09-AM3452  
 Driver: Denafiel SW Haulers Permit #: NJ-864  
 (Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: PA Date and Time: 06-24-13

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: PA Date and Time: 06-24-13

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 6/24/13

**GENERATOR**

Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket#: 307000202747

	Date	Time	Scale
In:	7/9/2013	10:44:33	Scale 1
Out:	7/9/2013	10:46:48	P.T.

Manifest: 189697  
Vehicle ID: RLS38

	Lbs	Tns
Gross:	94380	47.19
Tare:	26148	13.07
Net:	68240	34.12

Customer: FAST DEVELOPMENT LLC

Facility Approval#: 133070306

Generator: Fast Development LLC  
Gen Address: 26 Heyward Street - 1L  
Brooklyn, NY 11249

Job Name: Fast Development/Fast Develop  
Job Address: 1309 38th Street  
Brooklyn, NY 11249

Origin	Materials & Services	Quantity	Unit
Kings	Soil Treatment Type II Contaminate Type: NON SPECIFIC SOURCE Treatment Type: Bio Fac Waste Code: Petroleum Contaminated Soil	34.12	Tns

Comments:

Driver: \_\_\_\_\_  
Jairo

Facility: \_\_\_\_\_  
Lukasz Ceglarek

SECAUCUS BROWNFIELDS REDEVELOPMENT, LLC

BILL OF LADING

3224771

Number \_\_\_\_\_

Name: Fast Development LLC  
 (Street Address) 26 Freyward Street  
 (City, ST ZIP Code) Brooklyn, NY 11249  
 SID No.:

DATE OF MATERIAL APPROVAL: 6/25/13  
 MATERIAL APPROVAL #: 178

Secaucus Brownfields Redevelopment (SBR), LLC  
 Malanka Landfill Facility  
 Entrance on West Side Avenue (Jersey City)  
 Secaucus, New Jersey  
 Tel: (201) 559-5509 Fax: (201) 559-0583

Trucking Company Name: Shuloy EXPRESS LLC  
 Name and Number on Truck: Shuloy 02  
 Vehicle Plate No: AP161M  
 USDOT #: 1706812  
 Type of Delivery Vehicle: Tri-Axel Dump  Tandem Dump   
 Release check one: Trailer  Roll-Off

NJEMS RI #: \_\_\_\_\_  
 NJDEP Facility ID #: 132247

Name: Clean Earth, LLC  
 (Street Address) 334 South Westminster Street  
 (City, ST ZIP Code) Hatboro, PA 19040  
 Origin of Fill Material: Fast Development  
 (Location/Source) 1309-1321 38th Street  
 (Street Address) Brooklyn, NY 11218  
 (City, ST ZIP Code):

Clean Fill  Recycled Masonry  Processed Orange Material (POM)   
 Kaolin  Fill from recycling facilities  Construction Fill  
 Other (Description):  
 Grid Location WC-5  
 Physical Description of Material: Construction Fill

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	26 cubic yards	28820	M 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.

**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.**

Transporter's Certification

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 stated on the Bill of Lading and that no additional material was added to this shipment.

Driver's Name: ANGEL P  
 Driver's Signature: *Angel P* Date: 6-27-13

Generator's Authorized Representative

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: Silvestre Castano  
 Title: Project Manager  
 Signature: *Silvestre Castano* Date: 6/27/13

Customer's Certification

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: \_\_\_\_\_

Facility Acceptance: Secaucus Brownfields 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 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: *Nicole Varano* Date: 6/27/13

Truck Name & Number

*Shirley Express #2* 12680

Weighed by:

*[Signature]* 6/27/13

29.00

86820 1b GR

28820 1b TR

58000 1b NT

09:51 AM JUN 27 2013

3224762

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

3224762

Number \_\_\_\_\_

Name: Fast Development LLC  
 (Street Address): 26 Heyward Street  
 (City, ST ZIP Code): Brooklyn, NY 11249  
 SID No.:

DATE OF MATERIAL APPROVAL: 6/25/13  
 MATERIAL APPROVAL #: 178

Secaucus Brownfields Redevelopment (SBR), LLC  
 Malanka Landfill Facility  
 Entrance on West Side Avenue (Jersey City)  
 Secaucus, New Jersey  
 Tel: (201) 559-5509 Fax: (201) 559-0563

Trucking Company Name: Shirley EXPRESS LLC  
 Name and Number on Truck: Shirley 02  
 Vehicle Plate No.: AP161M  
 USDOT #: 1706813  
 Type of Delivery Vehicle: Tri-Axial Dump  Tandem Dump   
 Rases/containers: Trailer  Roll-Off

NJEMS PI #:

NJDEP Facility ID #: 132347

Name: Clean Earth, LLC  
 (Street Address): 334 South Westminster Street  
 (City, ST ZIP Code): Hazleton, PA 19040  
 Origin of Fill Material: Fast Development  
 (Location/Source): 1309-1321 38th Street  
 (Street Address): Brooklyn, NY 11218  
 (City, ST ZIP Code):

Clean Fill  Recycled Material  Processed Dredge Material (PDM)   
 Kaolin  Fill from recycling facilities  Construction Fill  
 Other (Description):  
 Grid Location WC-4  
 Physical Description of Material: Construction Fill

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	26 cubic yards	29880	Y W	
<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.

**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.**

Transporter's Certification

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 stated on this Bill of Lading and that no additional material has been added to this shipment.

Driver's Name: ANGEL P  
 Driver's Signature: Angel Date: 6-27-13

Customer's Certification

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. If this is not SBR to the material shall be deemed illegal dumping and the appropriate authorities will be notified.

Customer's Name: \_\_\_\_\_  
 Customer's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Generator's Authorized Representative

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: Silvestre Costello  
 Title: Project Manager  
 Signature: Silvestre Costello Date: 6/27/13

Facility Acceptance: 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 services if payment is not received. SBR does not accept the material and shall be considered illegal dumping into Malanka Landfill Facility by the Generator and Customer and said action shall be reported to the appropriate authorities.

Name: Nicob Varano  
 Signature: Nicob Varano Date: 6/27/13

Truck Name & Number Shirley Express #4 12753  
Weighed by [Signature] 6/27/13

29.39

85800 1b GR  
27020 1b TR  
58780 1b NT  
02:09 PM JUN 27 2013

3224772

Driver Signature [Signature]

Certified Weight By: DT Allen Materials, LLC  
11 Birch Street • Midland Park, NJ 07432

SECAUCUS BROWNFIELDS REDEVELOPMENT, LLC

BILL OF LADING

3224772

Number \_\_\_\_\_

(Name) Fast Development LLC  
 (Street Address) 25 Pierward Street  
 (City, ST ZIP Code) Brooklyn, NY 11249  
 SID No.:

DATE OF MATERIAL APPROVAL: 6/25/13  
 MATERIAL APPROVAL #: 178

Secaucus Brownfields Redevelopment (SBR), LLC  
 Malanka Landfill Facility  
 Entrance on West Side Avenue (Jersey City)  
 Secaucus, New Jersey  
 Tel: (201) 899-8509 Fax: (201) 899-8563

Trucking Company Name	Shirley Express LLC
Name and Number on Truck	04
Vehicle Plate No.	AN 404 P
USDOT #	170686
Type of Delivery Vehicle: Please check one	Tri-Axel Dump <input checked="" type="checkbox"/> Tandem Dump <input type="checkbox"/> Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>

NJEMS PI #: \_\_\_\_\_  
 NJDEP Facility ID #: 133247

(Name) Clean Earth, LLC  
 (Street Address) 334 South Westminster Street  
 (City, ST ZIP Code) Hatboro, PA 19040  
 Origin of Fill Material: (Location/Source) Fast Development  
 (Street Address) 1309-1321 38<sup>th</sup> Street  
 (City, ST ZIP Code) Brooklyn, NY 11218

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)   
 Kaolin  Fill from recycling facilities  Construction Fill  
 Other (Description): \_\_\_\_\_  
 Grid Location WC-5  
 Physical Description of Material: Construction Fill

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	26 cubic yards		Y N	
<b>Grand Total</b>		27,000		

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.

**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.**

**Transporter's Certification**  
 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 noted on this Bill of Lading and that no additional material was added to the shipment.  
 Driver's Name: Carlo Ruiz  
 Driver's Signature: [Signature] Date: 06/26/13

**Customer's Certification**  
 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: \_\_\_\_\_

**Generator's Authorized Representative**  
 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: Silvestre Castillo  
 Title: Project Manager  
 Signature: [Signature] Date: 6/27/13

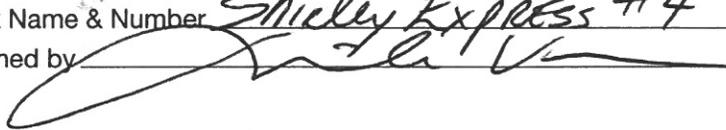
**Facility Acceptance: Secaucus Brownfield Redevelopment, LLC**  
 Secaucus Brownfields Redevelopment, LLC agrees to accept the material manifested herein in accordance with the NJDEP approved Materials Acceptance Protocol upon receipt of full payment for acceptance of material if payment is not received. 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: Nicole Varano  
 Signature: [Signature] Date: 6/27/13

12691

Truck Name & Number

Shiley Express #4

Weighed by

 6/27/13

29.80

86680 1b GR  
27080 1b TR  
59600 1b NT  
10:15 AM JUN 27 2013

3224763

Driver Signature



Certified Weight By: DT Allen Materials, LLC  
11 Birch Street • Midland Park, NJ 07432

SECAUCUS BROWNFIELDS REDEVELOPMENT, LLC

BILL OF LADING

3224763

Number \_\_\_\_\_

(Name) Fast Development LLC  
 (Street Address) 26 Heyward Street  
 (City, ST ZIP Code) Brooklyn, NY 11249  
 SID No.:

DATE OF MATERIAL APPROVAL: 6/25/13  
 MATERIAL APPROVAL #: 178

Secaucus Brownfields Redevelopment (SBR), LLC  
 Malanka Landfill Facility  
 Entrance on West Side Avenue (Jersey City)  
 Secaucus, New Jersey  
 Tel. (201) 899-9509 Fax (201) 899-0993

Trucking Company Name	Shirley Express LLC
Name and Number on Truck	04
Vehicle Plate No.	AN 404 P
USDOT #	1706813
Type of Delivery Vehicle:	Tri-Axial Dump <input type="checkbox"/> Tandem Dump <input type="checkbox"/>
Reuse of truck or	Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>

NJEMS PI #: \_\_\_\_\_  
 NJDEP Facility ID #: 132247

(Name) Clean Earth, LLC  
 (Street Address) 334 South Mainminister Street  
 (City, ST ZIP Code) Harboro, PA 19040  
 Origin of Fill Material: (Location/Source) Fast Development  
 1309-1321 38<sup>th</sup> Street  
 (Street Address) Brooklyn, NY 11218  
 (City, ST ZIP Code):

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)   
 Kaolin  Fill from recycling facilities  Construction Fill  
 Other (Description):  
 Grid Location WC-4  
 Physical Description of Material: Construction Fill

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	36 cubic yards	27,000	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.

**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.**

Transporter's Certification

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 the Bill of Lading and that it will not be substituted in this shipment.

Driver's Name: Carlos Ruiz  
 Driver's Signature: [Signature] Date: 06/27/13

Customer's Certification

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: \_\_\_\_\_

Generator's Authorized Representative

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: Silvestre Castillo  
 Title: Project Manager  
 Signature: Silvestre Castillo Date: 6/27/13

Facility Acceptance: 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: Nicole Lavano  
 Signature: [Signature] Date: 6/27/13

**SECAUCUS BROWNFIELDS REDEVELOPMENT, LLC**  
**BILL OF LADING**

3224761

Number \_\_\_\_\_

(Name) Fast Development LLC  
(Street Address) 26 Maynard Street  
IL  
(City, ST ZIP Code) Brooklyn, NY 11249  
SID No. \_\_\_\_\_

DATE OF MATERIAL APPROVAL: 6/25/13  
MATERIAL APPROVAL #: 178

Secaucus Brownfields Redevelopment (SBR), LLC  
Malanka Landfill Facility  
Entrance on West Side Avenue (Jersey City)  
SECAUCUS, New Jersey  
Tel: (201) 589-5509 Fax: (201) 589-0583

Trucking Company Name	Shirley Express
Name and Number on Truck	Shirley #08
Vehicle Plate No.	AP645E
USDOT #	1706813
Type of Delivery Vehicle: Please check one	Tri-Axial Dump <input checked="" type="checkbox"/> Tandem Dump <input type="checkbox"/> Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>

NJEMS PI #: \_\_\_\_\_  
NJDEP Facility ID #: 132247

(Name) Clean Earth, LLC  
(Street Address) 334 South Main Street  
Hellbora, PA 19040  
(City, ST ZIP Code) \_\_\_\_\_  
Origin of Fill Material: Fast Development  
(Location/Source) 1309-1321 38<sup>th</sup> Street  
(Street Address) Brooklyn, NY 11218  
(City, ST ZIP Code) \_\_\_\_\_

Clean Fill  Recycled Masonry  Processed Bridge Material (PBM)  
 Kaolin  Fill from recycling facilities  Construction Fill  
 Other (Description): \_\_\_\_\_  
 Grid Location WC-4  
Physical Description of Material: Construction Fill

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	18 cubic yards	24220	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.

**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.**

**Transporter's Certification**

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.

Driver's Name: Luis Diaz  
Driver's Signature: [Signature] Date: 6/25/13

**Customer's Certification**

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: \_\_\_\_\_

**Generator's Authorized Representative**

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: Silvestre Castillo  
Title: Project Manager  
Signature: [Signature] Date: 6/27/13

**Facility Acceptance: 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 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: [Signature] Date: 6/27/13

Truck Name & Number Shirley Express #5 12717  
Weighed by [Signature] 6/27/13

29.51

85020 1b GR  
26000 1b TR  
59020 1b NT  
12:31 PM JUN 27 2013

3224765

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**

3224765

Number \_\_\_\_\_

(Name) Fast Development LLC  
 (Street Address) 26 Hayward Street  
 (City, ST ZIP Code) Brooklyn, NY 11249  
 SID No.:

DATE OF MATERIAL APPROVAL: 6/25/13  
 MATERIAL APPROVAL #: 178

Secaucus Brownfields Redevelopment (SBR), LLC  
 Malanka Landfill Facility  
 Entrance on West Side Avenue (Jersey City)  
 Secaucus, New Jersey  
 Tel: (201) 559-9509 Fax: (201) 559-9597

Trucking Company Name	Shirley Exp LLC
Name and Number on Truck	05
Vehicle Plate No.	AH 316N
USDOT #	170 6813
Type of Delivery Vehicle:	Tri-Axle Dump <input type="checkbox"/> Tandem Dump <input type="checkbox"/>
Place of origin	Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>

NJEMS PI #: \_\_\_\_\_  
 NJDEP Facility ID #: 132247

(Name) Clean Earth, LLC  
 (Street Address) 334 South Warminster Street  
 (City, ST ZIP Code) Hazboro, PA 19040  
 Origin of Fill Material: (Location/Source) Fast Development  
 (Street Address) 1309-1321 38<sup>th</sup> Street  
 (City, ST ZIP Code) Brooklyn, NY 11218

Clean Fill  Recycled Material  Processed Dredge Material (PDM)   
 Kaolin  Fill from recycling facilities  Construction Fill  
 Other (Description):  
 Grid Location WC-5  
 Physical Description of Material: Construction Fill

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	26 cubic yards	26000	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.

**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.**

**Transporter's Certification**  
 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 noted on this Bill of Lading and that no additional materials were added to this shipment.  
 Driver's Name: Marcus Volante  
 Driver's Signature: [Signature] Date: 6/25/13

**Customer's Certification**  
 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: \_\_\_\_\_

**Generator's Authorized Representative**  
 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: Silvestre Castillo  
 Title: Project Manager  
 Signature: Silvestre Castillo Date: 6/27/13

**Facility Acceptance: 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: Nicole Varano  
 Signature: [Signature] Date: 6/27/13

12650

Truck Name & Number

*Shirley Express #5*

Weighed by

*[Signature]* *6/27/13*

*29.27*

84540 1b GR  
26000 1b TR  
58540 1b NT  
08:28 AM JUN 27 2013

*3224756*

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 \_\_\_\_\_

3224756

(Name) Fast Development LLC  
 (Street Address) 26 Heyward Street  
 (City, ST ZIP Code) Brooklyn, NY 11249  
 SID No. \_\_\_\_\_

DATE OF MATERIAL APPROVAL: 6/25/13  
 MATERIAL APPROVAL #: 178

Secaucus Brownfields Redevelopment (SBR), LLC  
 Malanka Landfill Facility  
 Entrance on West Side Avenue (Jersey City)  
 SECAUCUS, New Jersey  
 Tel: (201) 559-9509 Fax: (201) 559-0593  
 NJDEP #: \_\_\_\_\_  
 NJDEP Facility ID #: 132347

Trucking Company Name: SHIRLEY Express LLC  
 Name and Number on Truck: 05  
 Vehicle Plate No: AN 316 H  
 USDOT #: 1706813  
 Type of Delivery Vehicle: Tri-Axle Dump  Tandem Dump   
 Reason check one: Trailer  Roll-Off

(Name) Clean Earth, LLC  
 (Street Address) 334 South Westminster Street  
 (City, ST ZIP Code) Hatboro, PA 19040  
 Origin of Fill Material: Fast Development  
 (Location/Source) 1309-1321 36th Street  
 (Street Address) Brooklyn, NY 11218  
 (City, ST ZIP Code) \_\_\_\_\_

Clean Fill  Recycled Material  Processed Dredge Material (PDM)   
 Kaolin  Fill from recycling facilities  Construction Fill  
 Other (Description): \_\_\_\_\_  
 Grid Location WC-4  
 Physical Description of Material: Construction Fill

Description	Cubic Yards Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	28 cubic yards	27,900 lbs	Y N	
<b>Grand Total</b>		<b>27,900 lbs</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 by 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.**

**Transporter's Certification**

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 noted on this Bill of Lading and that no additional material is added to this shipment.

Driver's Name: \_\_\_\_\_  
 Driver's Signature: Marcus Melendez Date: 6/27/13

**Customer's Certification**

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: \_\_\_\_\_

**Generator's Authorized Representative**

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: Silvestre Castillo  
 Title: Project Manager  
 Signature: Silvestre Castillo Date: 6/27/13

**Facility Acceptance: 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: Nicole Varano  
 Signature: Nicole Varano Date: 6/27/13

Truck Name & Number

Shirley Express #12750

Weighed by

*[Handwritten signature]* 6/27/13

29.73

87100 16 GR  
27640 16 TR  
59460 16 NT  
01:55 PM JUN 27 2013

3224770

Driver Signature

*[Handwritten signature]*

Certified Weight By: DT Allen Materials, LLC  
11 Birch Street • Midland Park, NJ 07432

SECAUCUS BROWNFIELDS REDEVELOPMENT, LLC

BILL OF LADING

3224770

Number \_\_\_\_\_

(Name) Fast Development LLC  
 (Street Address) 26 Heyward Street  
 IL  
 (City, ST ZIP Code) Brooklyn, NY 11249  
 SID No.:

DATE OF MATERIAL APPROVAL: 6/25/13  
 MATERIAL APPROVAL #: 178

Secaucus Brownfields Redevelopment (SBR), LLC  
 Malanka Landfill Facility  
 Entrance on West Side Avenue (Across City)  
 Secaucus, New Jersey  
 Tel: (201) 589-8509 Fax: (201) 589-0593

Trucking Company Name	Shirley Apress
Name and Number on Truck	#06 - Shirley
Vehicle Plate No.	AM110T
USDOT #	
Type of Delivery Vehicle: Please check one	Tri-Axle Dump <input type="checkbox"/> Tandem Dump <input type="checkbox"/> Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>

NJDESP #:  
 NJDEP Facility ID #: 132247

(Name) Clean Earth, LLC  
 (Street Address) 334 South Main Street  
 Heiboro, PA 19040  
 (City, ST ZIP Code)  
 Origin of Fill Material:  
 (Location/Source) Fast Development  
 1309-1321 38<sup>th</sup> Street  
 (Street Address) Brooklyn, NY 11218  
 (City, ST ZIP Code)

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)   
 Kaolin  Fill from recycling facilities  Construction Fill  
 Other (Description):  
 Grid Location WC-5  
 Physical Description of Material: Construction Fill

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	35 cubic yards		Y N	
<b>Grand Total</b>		<b>27,640</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.

**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.**

**Transporter's Certification**  
 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 the Bill of Lading and that no additional materials added to this shipment.  
 Driver's Name: Carlos D.  
 Driver's Signature: [Signature] Date: 6-27-13

**Customer's Certification**  
 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: \_\_\_\_\_

**Generator's Authorized Representative**  
 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: Silvestre Castillo  
 Title: Project Manager  
 Signature: Silvestre Castillo Date: 6/27/13

**Facility Acceptance: 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 shall be considered legally dumped with Malanka Landfill Facility by the Generator and Customer and said action shall be reported to the appropriate authorities.  
 Name: [Signature]  
 Signature: [Signature] Date: 6/27/13

Truck Name & Number

Shirley Express #6

12681

Weighed by

*[Signature]* 6/27/13

27.20

82040 1b GR  
27640 1b TR  
54400 1b NT  
09:52 AM JUN 27 2013

3224764

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

3224764

Number \_\_\_\_\_

(Name) Fast Development LLC  
 (Street Address) 26 Heyward Street  
 (City, ST ZIP Code) Brooklyn, NY 11249  
 SID No.: \_\_\_\_\_

DATE OF MATERIAL APPROVAL: 6/25/13  
 MATERIAL APPROVAL #: 178

Secaucus Brownfields Redevelopment (SBR), LLC  
 Malanka Landfill Facility  
 Entrance on West Side Avenue (Lansay City)  
 Secaucus, New Jersey  
 Tel. (201) 559-9509 Fax (201) 559-0587

NJEMS PI #: \_\_\_\_\_  
 NJDEP Facility ID #: 132247

Trucking Company Name	Shirley Express
Name and Number on Truck	#06 Shirley
Vehicle Plate No.	AM110T
USDOT #	
Type of Delivery Vehicle: Please check one	Tri-Axle Dump <input type="checkbox"/> Tandem Dump <input type="checkbox"/> Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>

(Name) Clean Earth, LLC  
 (Street Address) 334 South Westminster Street  
 (City, ST ZIP Code) Hoboken, PA 19040

Origin of Fill Material: Fast Development  
 (Location/Source) 1309-1321 36<sup>th</sup> Street  
 (Street Address) Brooklyn, NY 11218  
 (City, ST ZIP Code) \_\_\_\_\_

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)   
 Kaolin  Fill from recycling facilities  Construction Fill   
 Other (Description): \_\_\_\_\_

Grid Location: Wc-4  
 Physical Description of Material: Construction Fill

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	26 cubic yards	27,640	Y N	
<b>Grand Total</b>		<b>27,640</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.

**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.**

**Transporter's Certification**

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 stated on this Bill of Lading and that no additional materials added to this shipment.

Driver's Name: Carlos Dolgado  
 Driver's Signature: [Signature] Date: 6-27-13

**Customer's Certification**

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: \_\_\_\_\_

**Generator's Authorized Representative**

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: Silvestre Castillo  
 Title: Project Manager  
 Signature: [Signature] Date: 6/27/13

**Facility Acceptance: 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 until it shall be considered legally dumped at the Malanka Landfill Facility by the Generator and Customer and said action shall be reported to the appropriate authorities.

Name: Nicolo Varano  
 Signature: [Signature] Date: 6/27/13

Truck Name & Number Shirley Express #8 12735  
Weighed by [Signature] 6/27/13

31.36

86840 1b GR  
24120 1b TR  
62720 1b NT  
01:09 PM JUN 27 2013

3224768

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

3224768

Number \_\_\_\_\_

Name: Fast Development LLC  
 [Street Address]: 26 Heyward Street  
 [City, ST ZIP Code]: Brooklyn, NY 11249  
 SID No.:

DATE OF MATERIAL APPROVAL: 6/25/13  
 MATERIAL APPROVAL #: 178

Secaucus Brownfields Redevelopment (SBR), LLC  
 Malanka Landfill Facility  
 Entrance on West Side Avenue (Jersey City)  
 Secaucus, New Jersey  
 Tel: (201) 639-5509 Fax: (201) 639-0583  
 NJEMS PI #:  
 NJDEP Facility ID #: 132247

Trucking Company Name	Shirley Express
Name and Number on Truck	Shirley #00
Vehicle Plate No.	AP645E
USDOT #	1706813
Type of Delivery Vehicle: Rear check one	Tri-Axial Dump <input type="checkbox"/> Tandem Dump <input type="checkbox"/> Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>

Name: Clean Earth, LLC  
 [Street Address]: 334 South Warminster Street  
 [City, ST ZIP Code]: Hatboro, PA 19040  
 Origin of Fill Material:  
 (Location/Source): Fast Development  
 1309-1321 36th Street  
 [Street Address]: Brooklyn, NY 11218  
 [City, ST ZIP Code]:

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)   
 Kaolin  Fill from recycling facilities  Construction Fill  
 Other (Description):  
 Grid Location WC-5  
 Physical Description of Material: Construction Fill

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	26 cubic yards	24120	Y N	
Grand Total				

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 by 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.**

Transporter's Certification

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 noted on this Bill of Lading and that no additional materials added to this shipment.

Driver's Name: LOUIS DIARO  
 Driver's Signature: [Signature] Date: 6-25-13

Customer's Certification

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 the 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: \_\_\_\_\_

Generator's Authorized Representative

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: Silvestre Castillo  
 Title: Project Manager  
 Signature: Silvestre Castillo Date: 6/27/13

Facility Acceptance: 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: Nicola Varano  
 Signature: [Signature] Date: 6/27/13

Truck Name & Number Shirley Express #8 12667  
Weighed by [Signature] 6/27/13

30.50

85120 16 GR  
24120 16 TR  
61000 16 NT  
09:16 AM JUN 27 2013

3224761

Driver Signature [Signature]

**Certified Weight By: DT Allen Materials, LLC**  
11 Birch Street • Midland Park, NJ 07432  
201-689-9509

12734

Truck Name & Number

*Shiely Express #10*

Weighed by

*[Signature]* *6/27/13*

92360 1b GR

28800 1b TR

63560 1b NT

01:08 PM JUN 27 2013

*31.78*

*3224767*

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**

3224767

Number \_\_\_\_\_

(Name) **Fast Development LLC**  
(Street Address) **26 Heyward Street**  
**LL**  
(City, ST ZIP Code) **Brooklyn, NY 11249**  
SID No. \_\_\_\_\_

DATE OF MATERIAL APPROVAL: **6/25/13**  
MATERIAL APPROVAL #: **178**

Secaucus Brownfields Redevelopment (SBR), LLC  
Malanka Landfill Facility  
Entrance on West Side Avenue (Jersey City)  
Secaucus, New Jersey  
Tel. (201) 889-8509 Fax (201) 889-8589

Trucking Company Name	<b>Shelley Express LLC</b>
Name and Number on Truck	<b>#10</b>
Vehicle Plate No.	<b>AP6005</b>
USDOT #	
Type of Delivery Vehicle: Reset chassis <input type="checkbox"/>	Tri-Axial Dump <input checked="" type="checkbox"/> Tandem Dump <input type="checkbox"/> Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>

NJEMS PI #: \_\_\_\_\_  
NJDEP Facility ID #: **132247**

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)   
 (Kosin  Fill from recycling facilities  Construction Fill   
 Other (Description): \_\_\_\_\_  
 Grid Location **WK - 5**  
Physical Description of Material: **Construction Fill**

(Name) **Clean Earth, LLC**  
(Street Address) **334 South Mainminister Street**  
**Harboro, PA 19040**  
(City, ST ZIP Code) \_\_\_\_\_  
Origin of Fill Material: **Fast Development**  
(Location/Source) **1309-1321 38<sup>th</sup> Street**  
(Street Address) **Brooklyn, NY 11218**  
(City, ST ZIP Code) \_\_\_\_\_

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	85 cubic yards		Y N	
<b>Grand Total</b>		<b>28000</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.

**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.**

**Transporter's Certification**

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 the Bill of Lading and that no additional materials added to this shipment.

Driver's Name: **Manuel Milion**  
Driver's Signature: *[Signature]* Date: **6/28/13**

**Customer's Certification**

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: \_\_\_\_\_

**Generator's Authorized Representative**

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: **Silvestre Casti No**  
Title: **Project Manager**  
Signature: *[Signature]* Date: **6/27/13**

**Facility Acceptance: 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 shall be considered legally dumped until Malanka Landfill Facility by the Generator and Customer and said action shall be reported to the appropriate authorities.

Name: **Nicole Varano**  
Signature: *[Signature]* Date: **6/27/13**

12666

Truck Name & Number

Shirley Express #10

Weighed by

*[Handwritten signature]* 6/27/13

29.63

88060 16 GR  
28800 16 TR  
59260 16 NT  
09:15 AM JUN 27 2013

3224760

Driver Signature

*[Handwritten 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 **3224760**

(Name) **Fast Development LLC**  
 (Street Address) **26 Heyward Street**  
 (City, ST ZIP Code) **Brooklyn, NY 11249**  
 SID No.:

DATE OF MATERIAL APPROVAL: **6/25/13**  
 MATERIAL APPROVAL #: **178**

Secaucus Brownfields Redevelopment (SBR), LLC  
 Malanka Landfill Facility  
 Entrance on West State Avenue (Jersey City)  
 Secaucus, New Jersey  
 Tel: (201) 589-9509 Fax: (201) 589-0553

Trucking Company Name	<b>Sholey Fitness LLC</b>
Name and Number on Truck	<b>Sholey #10</b>
Vehicle Plate No.	<b>AP6005</b>
USDOT #	
Type of Delivery Vehicle: <input type="checkbox"/> Tri-Axle Dump <input type="checkbox"/> Tandem Dump <input type="checkbox"/> <input type="checkbox"/> Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>	

NJEMS PI #: \_\_\_\_\_  
 NJDEP Facility ID #: **132247**

(Name) **Clean Earth, LLC**  
 (Street Address) **304 South Mainminister Street**  
 (City, ST ZIP Code) **Hatboro, PA 19040**  
 Origin of Fill Material:  
 (Location/Source) **Fast Development**  
 (Street Address) **1309-1321 36<sup>th</sup> Street**  
 (City, ST ZIP Code) **Brooklyn, NY 11218**

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)   
 Kerfin  Fill from recycling facilities  Construction Fill   
 Other (Description): \_\_\_\_\_  
 Grid Location **WC-4**  
 Physical Description of Material: **Construction Fill**

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	25 cubic yards		Y W	
<b>Grand Total</b>		<b>28000</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.

**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.**

**Transporter's Certification**

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 its condition has been noted to this shipment.

Driver's Name: Manuel Milien  
 Driver's Signature: [Signature] Date: 6/27/13

**Customer's Certification**

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: \_\_\_\_\_

**Facility Acceptance: 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 illegal dumped with Malanka Landfill Facility by the Generator and Customer and said action shall be reported to the appropriate authorities.

Name: Nicole Varano  
 Signature: [Signature] Date: 6/27/13

**Generator's Authorized Representative**

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: Silvestre Castillo  
 Title: Project Manager  
 Signature: [Signature] Date: 6/27/13

12752

Truck Name & Number LT Associates #20  
Weighed by [Signature] 6/27/13

78020 16 GR  
28360 16 TR  
49660 16 NT  
01:58 PM JUN 27 2013

24.83

3224754

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 \_\_\_\_\_

3224754

(Name) Fast Development LLC  
 (Street Address) 26 Heyward Street  
 (City, ST ZIP Code) Brooklyn, NY 11249

DATE OF MATERIAL APPROVAL: 6/25/13  
 MATERIAL APPROVAL #: 178 Global # 130585  
 Job # 133030044

SID No. \_\_\_\_\_

Secaucus Brownfields Redevelopment (SBR), LLC  
 Malanka Landfill Facility  
 Entrance on West Side Avenue (Lacey City)  
 Secaucus, New Jersey  
 Tel: (201) 589-6909 Fax: (201) 589-6999

Trucking Company Name	Jay Leasing
Name and Number on Truck	LT Assoc
Vehicle Plate No.	23713PC
USDOT #	1452629
Type of Delivery Vehicle: (Please check one)	Tri-Axial Dump <input checked="" type="checkbox"/> Tandem Dump <input type="checkbox"/> Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>

NJEMS PI #: \_\_\_\_\_

NJDEP Facility ID #: 132247

(Name) Clean Earth, LLC  
 (Street Address) 334 South Main Street  
 Hatboro, PA 19040  
 (City, ST ZIP Code)  
 Origin of Fill Material: Fast Development  
 (Location/Source) 1309-1321 36<sup>th</sup> Street  
 (Street Address) Brooklyn, NY 11218  
 (City, ST ZIP Code)

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)   
 K-solin  Fill from recycling facilities  Construction Fill  
 Other (Description):  
 Grid Location WC-5  
 Physical Description of Material: Construction Fill

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	35 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.

**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.**

Transporter's Certification

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 the Bill of Lading and during a visual inspection prior to the shipment.

Driver's Name: Joe Kelly  
 Driver's Signature: [Signature] Date: 6/27/13

Customer's Certification

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: \_\_\_\_\_

Generator's Authorized Representative

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: Silvestre Castillo  
 Title: Project Manager  
 Signature: [Signature] Date: 6/27/13

Facility Acceptance: 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 shall be considered legally dumped with Malanka Landfill Facility by the Generator and Customer and said action shall be reported to the appropriate authorities.

Name: Nicole Vavano  
 Signature: [Signature] Date: 6/27/13

12670

Truck Name & Number LT Associates #30

Weighed by [Signature] 6/27/13

77900 16 GR  
09:20 AM JUN 27 2013

77900  
28360  
-----  
49540  
24.77

3224759

Driver Signature [Signature]

Certified Weight By: DT Allen Materials, LLC  
11 Birch Street • Midland Park, NJ 07432

12673

Truck Name & Number LT Associates #20

Weighed by [Signature] 6/27/13

28360 16 GR  
09:26 AM JUN 27 2013

*empty*

3224759

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

3224759

Number \_\_\_\_\_

(Name) Fast Development LLC  
 (Street Address) 26 Heyward Street  
 (City, ST ZIP Code) Brooklyn, NY 11249  
 SID No.:

DATE OF MATERIAL APPROVAL: 6/25/13  
 MATERIAL APPROVAL #: 178  
 1830300  
 130589

Secaucus Brownfields Redevelopment (SBR), LLC  
 Malanka Landfill Facility  
 Entrance on West Side Avenue (Jersey City)  
 Secaucus, New Jersey  
 Tel. (201) 589-8909 Fax (201) 589-0593

Trucking Company Name: Jiloy Leasing  
 Name and Number on Truck: CT Assoc  
 Vehicle Plate No: 23713 PC  
 USDOT #: 1452629  
 Type of Delivery Vehicle: Tri-Axle Dump  Tandem Dump   
 Raise check one: Trailer  Roll-Off

NJEMS PI #: \_\_\_\_\_  
 NJDEP Facility ID #: 132347

(Name) Clean Earth, LLC  
 (Street Address) 334 South Mainminister Street  
 (City, ST ZIP Code) Hatboro, PA 19040  
 Origin of Fill Material: Fast Development  
 (Location/Source) 1309-1321 36th Street  
 (Street Address) Brooklyn, NY 11218  
 (City, ST ZIP Code):

Clean Fill  Recycled Material  Processed Bridge Material (PBM)  
 Kaolin  Fill from recycling facilities  Construction Fill  
 Other (Description):  
 Grid Location WC-4  
 Physical Description of Material: Construction Fill

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	85 cubic yards		Y N	
<b>Grand Total</b>		<b>29540</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.

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.

Transporter's Certification

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 noted on the Bill of Lading and that no additional materials were added to this shipment.

Driver's Name: Joe Kelly  
 Driver's Signature: [Signature] Date: 6/27/13

Customer's Certification

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 the 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: \_\_\_\_\_

Generator's Authorized Representative

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: Silvestre Castillo  
 Title: Project Manager  
 Signature: [Signature] Date: 6/27/13

Facility Acceptance: 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 illegal dumping at the Malanka Landfill Facility by the Generator and Customer and said action shall be reported to the appropriate authorities.

Name: Nicole Varano  
 Signature: [Signature] Date: 6/27/13

12721

Truck Name & Number Shirley Express #20

Weighed by [Signature] 6/27/13

88180 1b GR  
29440 1b TR  
58740 1b NT  
12:38 PM JUN 27 2013

29.37

3224766

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

3224766

Number \_\_\_\_\_

Name: Fast Development LLC  
 (Street Address): 26 Heyward Street  
 (City, ST ZIP Code): Brooklyn, NY 11249  
 SID No.:

DATE OF MATERIAL APPROVAL: 6/25/13

MATERIAL APPROVAL #: 178

Secaucus Brownfields Redevelopment (SBR), LLC  
 Malanka Landfill Facility  
 Entrance on West Side Avenue (Jersey City)  
 Secaucus, New Jersey  
 Tel: (201) 659-6509 Fax: (201) 659-6593

Trucking Company Name	Shirley exp
Name and Number on Truck	Benjamin
Vehicle Plate No.	AN-983-X
USDOT #	1766813
Type of Delivery Vehicle: Please check one	Tri-Axial Dump <input type="checkbox"/> Tandem Dump <input checked="" type="checkbox"/> Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>

NJEMS PI #: \_\_\_\_\_  
 NJDEP Facility ID #: 132247

Name: Clean Earth, LLC  
 (Street Address): 334 South Westminster Street  
 (City, ST ZIP Code): Hatboro, PA 19040  
 Origin of Fill Material:  
 (Location/Source): Fast Development  
 (Street Address): 1309-1321 36<sup>th</sup> Street  
 (City, ST ZIP Code): Brooklyn, NY 11218

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)   
 K-solin  Fill from recycling facilities  Construction Fill   
 Other (Description): \_\_\_\_\_  
 Grid Location: WC-5  
 Physical Description of Material: Construction Fill

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	28 cubic yards		Y N	
<b>Grand Total</b>		<b>28168</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.

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.

Transporter's Certification

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.

Driver's Name: Benjamin Pizarro  
 Driver's Signature: [Signature] Date: 6/27/13

Customer's Certification

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 by SBR for the material shall be deemed illegal dumping and the appropriate authorities will be notified.

Customer's Name: \_\_\_\_\_  
 Customer's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Generator's Authorized Representative

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: Silvestre Castillo  
 Title: Project Manager  
 Signature: [Signature] Date: 6/27/13

Facility Acceptance: 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 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: [Signature] Date: 6/27/13

12647

Truck Name & Number Shirley Express #20  
Weighed by [Signature] 6/27/13

85180 16 GR  
29440 16 TR  
55740 16 NT  
08:22 AM JUN 27 2013

27.87

3224755

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

3224755

Number \_\_\_\_\_

Name: Fast Development LLC  
 Street Address: 26 Hayward Street  
 City, ST ZIP Code: Brooklyn, NY 11249  
 SID No.:

DATE OF MATERIAL APPROVAL: 6/25/13  
 MATERIAL APPROVAL #: 178

Secaucus Brownfields Redevelopment (SBR), LLC  
 Malanka Landfill Facility  
 Entrance on West Side Avenue (Jersey City)  
 SECAUCUS, NEW JERSEY  
 Tel. (201) 699-8909 Fax (201) 699-8593

Trucking Company Name: Shirley Exp  
 Name and Number on Truck: Beynon  
 Vehicle Plate No: AM-983-X  
 USDOT #: 1706213  
 Type of Delivery Vehicle: Tri-Axle Dump  Tandem Dump   
 Pallets/containers: Trailer  Roll-Off

NJEMS PI #: \_\_\_\_\_  
 NJDEP Facility ID #: 132247

Name: Clean Earth, LLC  
 Street Address: 334 South Mainminister Street  
 City, ST ZIP Code: Hatboro, PA 19040  
 Origin of Fill Material: Fast Development  
 Location/Source: 1309-1321 36th Street  
 Street Address: Brooklyn, NY 11218  
 City, ST ZIP Code:

Clean Fill  Recycled Masonry  Processed Drudge Material (PDM)   
 K-solin  Fill from recycling facilities  Construction Fill  
 Other (Description):  
 Grid Location: WC4  
 Physical Description of Material: Construction Fill

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	25 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.

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.

Transporter's Certification

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 materials added to this shipment.

Driver's Name: Beynon  
 Driver's Signature: [Signature] Date: 6/27/13

Customer's Certification

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 by SBR for the material shall be deemed illegal dumping and the appropriate authorities will be notified.

Customer's Name: \_\_\_\_\_  
 Customer's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Generator's Authorized Representative

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: Silvestre Castilla  
 Title: Project Manager  
 Signature: Silvestre Castilla Date: 6/27/13

Facility Acceptance: 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 material is considered illegally dumped into Malanka Landfill Facility by the Generator and Customer and said action shall be reported to the appropriate authorities.

Name: Nicole Varano  
 Signature: [Signature] Date: 6/27/13

12768

Truck Name & Number RLS #28

Weighed by [Signature] 6/27/13

87600 lb GR  
28060 lb TR  
59540 lb NT  
03:01 PM JUN 27 2013

29.77

3224773

Driver Signature X [Signature]

Certified Weight By: DT Allen Materials, LLC  
11 Birch Street • Midland Park, NJ 07432

**SECAUCUS BROWNFIELDS REDEVELOPMENT, LLC  
BILL OF LADING**

3224773

Number \_\_\_\_\_

(Name) Fast Development LLC  
(Street Address) 26 Hayward Street  
(City, ST ZIP Code) IL  
Brooklyn, NY 11249  
SID No. \_\_\_\_\_

DATE OF MATERIAL APPROVAL: 6/25/13  
MATERIAL APPROVAL #: 178

Secaucus Brownfields Redevelopment (SBR), LLC  
Malanka Landfill Facility  
Entrance on West Side Avenue (Jersey City)  
Secaucus, New Jersey  
Tel. (201) 582-9509 Fax (201) 582-0593

Trucking Company Name	RLS TRUCKS KOKTOWN
Name and Number on Truck	28
Vehicle Plate No.	AP 207R
USDOT #	209 3589
Type of Delivery Vehicle: Reverse check one	Tri-Axial Dump <input checked="" type="checkbox"/> Tandem Dump <input type="checkbox"/> Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>

NJEMS PI #: \_\_\_\_\_  
NJDEP Facility ID #: 152247

(Name) Clean Earth, LLC  
(Street Address) 334 South Warminster Street  
(City, ST ZIP Code) Hatboro, PA 19040  
Origin of Fill Material: Fast Development  
(Location/Source) 1309-1321 36<sup>th</sup> Street  
(Street Address) Brooklyn, NY 11218  
(City, ST ZIP Code) \_\_\_\_\_

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)   
 Kaolin  Fill from recycling facilities  Construction Fill   
 Other (Description): \_\_\_\_\_  
Grid Location WC-5  
Physical Description of Material: Construction Fill

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	35 cubic yards		Y N	
<b>Grand Total</b>		<b>27,080</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.

**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.**

**Transporter's Certification**

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 stated on this Bill of Lading and that no additional materials added to this shipment.

Driver's Name: Dopaleon Cardenas  
Driver's Signature: [Signature] Date: 6-27-13

**Customer's Certification**

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 the 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: \_\_\_\_\_

**Generator's Authorized Representative**

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: Silvestre Castillo  
Title: Project Manager  
Signature: Silvestre Castillo Date: 6/27/13

**Facility Acceptance: Secaucus Brownfields 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 shall be considered Regularly Scheduled Waste Malanka Landfill Facility by the Generator and Customer and said action shall be reported to the appropriate authorities.

Name: Nicole Varano  
Signature: [Signature] Date: 6/27/13

12676

Truck Name & Number RLS # 28  
Weighed by [Signature] 6/27/13

29.70

87460 1b GR  
28060 1b TR  
59400 1b NT  
09:31 AM JUN 27 2013

3224757

Driver Signature [Signature] Nopalcon Coolman

**Certified Weight By: DT Allen Materials, LLC**  
**11 Birch Street • Midland Park, NJ 07432**

SECAUCUS BROWNFIELDS REDEVELOPMENT, LLC

BILL OF LADING

3224757

Number \_\_\_\_\_

(Name) Fast Development LLC  
 (Street Address) 26 Heyward Street  
 (City, ST ZIP Code) Brooklyn, NY 11249  
 SID No. \_\_\_\_\_

DATE OF MATERIAL APPROVAL: 6/25/13  
 MATERIAL APPROVAL #: 178

Secaucus Brownfields Redevelopment (SBR), LLC  
 Malanka Landfill Facility  
 Entrance on West Side Avenue (Jersey City)  
 Secaucus, New Jersey  
 Tel: (201) 639-8909 Fax: (201) 639-0593

Trucking Company Name	RLS TRANSPORT INC
Name and Number on Truck	28
Vehicle Rate No:	AP207R
USDOT #	2093589
Type of Delivery Vehicle:	Tri-Axle Dump <input checked="" type="checkbox"/> Tandem Dump <input type="checkbox"/>
Release check one:	Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>

NJEMS PI #: \_\_\_\_\_  
 NJDEP Facility ID #: 132247

(Name) Clean Earth, LLC  
 (Street Address) 334 South Warrminster Street  
 (City, ST ZIP Code) Hightstown, PA 19040  
 Origin of Fill Material: Fast Development  
 (Location/Source) 1309-1321 38th Street  
 (Street Address) Brooklyn, NY 11218  
 (City, ST ZIP Code) \_\_\_\_\_

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)   
 Kerolin  Fill from recycling facilities  Construction Fill  
 Other (Description): \_\_\_\_\_  
 Grid Location WC-4  
 Physical Description of Material: Construction Fill

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	16 cubic yards	27080	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.

**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.**

Transporter's Certification

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 materials were added to the shipment.

Driver's Name: Napoleon Padua  
 Driver's Signature: [Signature] Date: 6-27-13

Customer's Certification

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 the 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: \_\_\_\_\_

Generator's Authorized Representative

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: Silvestre Castillo  
 Title: Project Manager  
 Signature: [Signature] Date: 6/26/13

Facility Acceptance: 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 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: [Signature] Date: 6/27/13

Truck Name & Number LT Associates #30 12671  
Weighed by [Signature] 6/27/13

78940 1b GR  
09:21 AM JUN 27 2013

78940  
28180  
-----  
50760  
2.5.38

3224758

Driver Signature

[Signature]

Certified Weight By: DT Allen Materials, LLC  
11 Birch Street • Midland Park, NJ 07432

12674

Truck Name & Number LT Associates #30

Weighed by [Signature] 6/27/13

28180 16 GR  
09:27 AM JUN 27 2013

*Empty*

3224758

Driver Signature [Signature]

**Certified Weight By: DT Allen Materials, LLC**  
**11 Birch Street • Midland Park, NJ 07432**

SECAUCUS BROWNFIELD REDEVELOPMENT, LLC

BILL OF LADING

3224758

Number \_\_\_\_\_

(Name) Fast Development LLC  
 (Street Address) 26 Heyward Street  
 (City, ST, ZIP Code) Brooklyn, NY 11249  
 SID No.:

DATE OF MATERIAL APPROVAL: 6/25/13  
 MATERIAL APPROVAL #: 178  
 133030044  
 13058T

Secaucus Brownfields Redevelopment (SBR), LLC  
 Malanka Landfill Facility  
 (Entrance on West Side Avenue-Lenox City)  
 Secaucus, New Jersey  
 Tel. (201) 639-6509 Fax (201) 639-0593

Trucking Company Name	JUDY LEASING
Name and Number on Truck	ESTATE LT Assoc
Vehicle Plate No.	23714PC
USDOT #	
Type of Delivery Vehicle: Resealable	Tri-Axle Dump <input type="checkbox"/> Tandem Dump <input type="checkbox"/> Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>

NJEMS PI #: \_\_\_\_\_  
 NJDEP Facility ID #: 132247

(Name) Clean Earth, LLC  
 (Street Address) 534 South Main Street  
 (City, ST, ZIP Code) Hightstown, PA 19040  
 Origin of Fill Material:  
 (Location/Source) Fast Development  
 (Street Address) 1309-1321 38<sup>th</sup> Street  
 (City, ST, ZIP Code) Brooklyn, NY 11218

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)   
 Kerolite  Fill from recycling facilities  Construction Fill   
 Other (Description):  
 Grid Location WC-4  
 Physical Description of Material: Construction Fill

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	35 cubic yards		Y N	
<b>Grand Total</b>		29600		

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.

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.

**Transporter's Certification**  
 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 materials were added to this shipment.  
 Driver's Name: Alex Mallory  
 Driver's Signature: [Signature] Date: 6-27-13

**Customer's Certification**  
 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: \_\_\_\_\_

**Generator's Authorized Representative**  
 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: Silvestre Castillo  
 Title: Project Manager  
 Signature: [Signature] Date: 6/27/13

**Facility Acceptance: 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. Payment not received, SBR does not accept the material and shall be considered illegally dumped into Malanka Landfill Facility by the Generator and Customer and said action shall be reported to the appropriate authorities.  
 Name: Nicole Varano  
 Signature: [Signature] Date: 6/27/13

Truck Name & Number LT ASSOCIATES # 30 12751  
Weighed by [Signature] 6/27/13

24.65

77480 16 GR  
28180 16 TR  
49300 16 NT  
01:57 PM JUN 27 2013

3224769

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**

3224769

Number \_\_\_\_\_

(Name) Fast Development LLC  
(Street Address) 26 Hayward Street  
(City, ST ZIP Code) Brooklyn, NY 11249  
SID No. \_\_\_\_\_

DATE OF MATERIAL APPROVAL: 6/25/13  
MATERIAL APPROVAL #: GLOBAL # 132585  
178 JOB # 133030044

Secaucus Brownfields Redevelopment (SBR), LLC  
Malanka Landfill Facility  
Entrance on West Side Avenue (Jersey City)  
Secaucus, New Jersey  
Tel. (201) 889-8909 Fax (201) 889-0889

Trucking Company Name	SINO/LEASING
Name and Number on Truck	LT ASSOC
Vehicle Plate No.	23714 PC
USDOT #	1452629
Type of Delivery Vehicle: Press check one	Tri-Axle Dump <input type="checkbox"/> Tandem Dump <input type="checkbox"/> Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>

NJEMS PI #: \_\_\_\_\_  
NJDEP Facility ID #: 132247

(Name) Clean Earth, LLC  
(Street Address) 334 South Warminster Street  
(City, ST ZIP Code) Hatboro, PA 19040  
Origin of Fill Material:  
(Location/Source) Fast Development  
(Street Address) 1509-1321 38<sup>th</sup> Street  
(City, ST ZIP Code) Brooklyn, NY 11218

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)   
 Kaolin  Fill from recycling facilities  Construction Fill   
 Other (Description): \_\_\_\_\_  
 Grid Location WC-5  
Physical Description of Material: Construction Fill

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	18 cubic yards		Y	
<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.

**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.**

**Transporter's Certification**

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 stated on the Bill of Lading and that no additional material was added to this shipment.

Driver's Name: RICH MALLERAY  
Driver's Signature: [Signature] Date: 6-27-13

**Customer's Certification**

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 transportation 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: \_\_\_\_\_  
Facility Acceptance: Secaucus Brownfield Redevelopment, LLC

**Generator's Authorized Representative**

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: Silvestre Castillo  
Title: Project Manager  
Signature: Silvestre Castillo Date: 6/27/13

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 shall be considered illegal dumping when Malanka Landfill Facility by the Generator and Customer and said action shall be reported to the appropriate authorities.

Name: Nicole Varano  
Signature: [Signature] Date: 6/27/13

12749

Truck Name & Number

*Shirley Express #2*

Weighed by

*[Signature]* *6/27/13*

85560 1b GR  
28820 1b TR  
36740 1b NT  
01:54 PM JUN 27 2013

*28.37*

*3224771*

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**

3224781

Number \_\_\_\_\_

Name: **Fast Development LLC**  
 Street Address: **26 Hayward Street**  
 City, ST ZIP Code: **Brooklyn, NY 11249**  
 SID No.:

DATE OF MATERIAL APPROVAL: **6/25/13**

MATERIAL APPROVAL #: **178**

Secaucus Brownfields Redevelopment (SBR), LLC  
 Malanka Landfill Facility  
 Entrance on West Side Avenue (Jersey City)  
 SECAUCUS, New Jersey  
 Tel: (201) 589-5509 Fax: (201) 589-0563

Trucking Company Name	<b>Napoli</b>
Name and Number on Truck	<b>Truck # 1</b>
Vehicle Plate No.	<b>AN 754W</b>
USDOT #	
Type of Delivery Vehicle: Please check one	Tri-Axel Dump <input type="checkbox"/> Tandem Dump <input type="checkbox"/> Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>

NJEMS PI #: \_\_\_\_\_  
 NJDEP Facility ID #: **132247**

Name: **Clean Earth, LLC**  
 Street Address: **334 South Warrminster Street**  
 City, ST ZIP Code: **Hatboro, PA 19040**  
 Origin of Fill Material:  
 (Location/Source): **Fast Development**  
**1309-1321 38<sup>th</sup> Street**  
 Street Address: **Brooklyn, NY 11218**  
 City, ST ZIP Code:

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)   
 Kaolin  Fill from recycling facilities  Construction Fill   
 Other (Description): \_\_\_\_\_  
 Grid Location: **WC-5**  
 Physical Description of Material: **Construction Fill**

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	35 cubic yards		Y N	
<b>Grand Total</b>		<b>27420</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.

**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.**

**Transporter's Certification**  
 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 stated on this Bill of Lading and that no additional material was added to this shipment.  
 Transporter Name: **J. JARIAS**  
 Signature: \_\_\_\_\_ Date: **6/28/13**

**Customer's Certification**  
 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: \_\_\_\_\_

**Generator's Authorized Representative**  
 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: **Silvestra Castin**  
 Title: **Project Manager**  
 Signature: **Silvestra Castin** Date: **6/28/13**

**Facility Acceptance: 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 illegal dumping 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: **6/28/13**

Truck Name & Number Salazar Trucking #7 13119  
Weighed by [Signature] 7/3/13

86180 1b GR  
28440 1b TR  
57740 1b NT  
11:29 AM JUL 03 2013

28.87

324726

Driver Signature [Signature]

Certified Weight By: DT Allen Materials, LLC  
11 Birch Street • Midland Park, NJ 07432

**SECAUCUS BROWNFIELD'S REDEVELOPMENT, LLC**  
**BILL OF LADING**

3224775

Number \_\_\_\_\_

(Name) **Final Development LLC**  
(Street Address) **26 Myerward Street**  
(City, ST ZIP Code) **Brooklyn, NY 11249**  
SD No. \_\_\_\_\_

DATE OF MATERIAL APPROVAL: **6/25/13**  
MATERIAL APPROVAL #: **178**

*W. Time. 3hrs.*

Secaucus Brownfields Redevelopment (SBR), LLC  
Malanka Landfill Facility  
Entrance on West Side Avenue (Jersey City)  
Secaucus, New Jersey  
Tel: (201) 639-9509 Fax: (201) 639-0593

Trucking Company Name	<b>Arctic Services</b>
Name and Number on Truck	<b>Arctic - 25</b>
Vehicle Rate No.	<b>AN209T</b>
USDOT #	<b>002250476</b>
Type of Delivery Vehicle: Please check one	Tri-Axial Dump <input type="checkbox"/> Tandem Dump <input type="checkbox"/> Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>

NJBSPI # \_\_\_\_\_  
NJDEP Facility ID #: **132247**

(Name) **Clean Earth, LLC**  
(Street Address) **334 South Main Street**  
(City, ST ZIP Code) **Hebors, Pa. 19040**  
Origin of Fill Material (Location/Source) **Post Development**  
(Street Address) **1309-1321 36<sup>th</sup> Street**  
(City, ST ZIP Code) **Brooklyn, NY 11218**

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)   
 Kaolin  Fill from recycling facilities  Construction Fill   
 Other (Description): \_\_\_\_\_  
 Grid Location **WC-5**  
Physical Description of Material: **Construction Fill**

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	28 cubic yards		Y N	
<b>Grand Total</b>		<b>28,000</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 volume of each truck shall be agreed to by the Customer, Generator, and SBR. If Material is being delivered to the Malanka Facility based on volume, then the 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.**

**Transporter's Certification**

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 noted on the Bill of Lading and that no additional material was added to this shipment.

Driver's Name: **GUSTAW TOLO**  
Driver's Signature: *[Signature]* Date: **06-28-13**

**Customer's Certification**

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 Material Acceptance Protocol and Customer agrees to pay Secaucus Brownfields Redevelopment, LLC (SBR) for the acceptance of this material's 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: \_\_\_\_\_

**Generator's Authorized Representative**

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: **Silvestre Castillo**  
Title: **Project Manager**  
Signature: *[Signature]* Date: **6/25/13**

Facility Acceptance: **Secaucus Brownfields Redevelopment, LLC**

Secaucus Brownfields Redevelopment, LLC agrees to accept the material mentioned herein in accordance with the NJDEP approved Materials Acceptance Protocol upon receipt of full payment for acceptance without payment to not exceed. SBR does not accept the material and transport involved if the generator is not Malanka Landfill Facility by the Generator and Customer and said action shall be reported to the appropriate authorities.

Name: **Nicole Varanu**  
Signature: *[Signature]* Date: **6/28/13**

Arctic # 25

12822

Truck Name & Number  
Weighed by

*[Handwritten signature]* 6/28/13



88780 16 GR  
28460 16 JR  
60320 16 NT  
10:18 AM JUN 28 2013

30.16

Driver Signature

*[Handwritten signature]*

30.16

Certified Weight By: DT Allen Materials, LLC  
11 Birch Street • Midland Park, NJ 07432  
201-689-9509

SECAUCUS BROWNFIELDS REDEVELOPMENT, LLC

BILL OF LADING

3224776

Number \_\_\_\_\_

(Name) Fast Development LLC  
 (Street Address) 26 Freywill's Street  
 (City, ST ZIP Code) Brooklyn, NY 11249  
 SID No.

DATE OF MATERIAL APPROVAL: 6/25/13  
 MATERIAL APPROVAL #: 173

Secaucus Brownfields Redevelopment (SBR), LLC  
 Malanka Landfill Facility  
 Entrance on West Side Avenue (Jersey City)  
 Secaucus, New Jersey  
 Tel: (201) 539-8508 Fax: (201) 539-0893

Trucking Company Name	MACTIC
License and Number on Truck	# 10
Vehicle Plate No.	2322770
USDOT #	2409926
Type of Delivery Vehicle: Please check one	Tri-Axial Dump <input checked="" type="checkbox"/> Tandem Dump <input type="checkbox"/> Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>

NJEMSPT # \_\_\_\_\_  
 NJDEP Facility ID #: 132247

empty weigh 23600.

(Name) Clean Earth, LLC  
 (Street Address) 334 South Wilmmerston Street  
 (City, ST ZIP Code) Hatboro, PA 19040  
 Origin of Fill Material: Fast Development  
 (Location/Source) 1309-1321 36<sup>th</sup> Street  
 (Street Address) Brooklyn, NY 11218  
 (City, ST ZIP Code) \_\_\_\_\_

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)   
 Kerf  Fill from recycling facilities  Construction Fill  
 Other (Description) \_\_\_\_\_  
 Grid Location WC-S  
 Physical Description of Material: Construction Fill

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	26 cubic yards	26,800	Y N	
<b>Grand Total</b>		<b>26,800</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 truckload 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.

Transporter's Certification

Customer's Certification

The Transporter named herein hereby certifies that the material being delivered as represented on this Bill of Lading is the material that has been loaded up from the Generator's site as stated on the Bill of Lading and that no additional material was added to the shipment.

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 the 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.

Driver's Name: Jane P  
 Date: 6-28-13

Customer's Name: \_\_\_\_\_  
 Customer's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Generator's Authorized Representative

Facility Acceptance: Secaucus Brownfields Redevelopment, LLC

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.

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 services if payment is not received. SBR does not accept the material and it shall not be considered legally delivered to Malanka Landfill Facility by the Generator and Customer and said material shall be reported to the appropriate authorities.

Name: Silvestre Castillo  
 Title: Project Manager  
 Signature: Silvestre Castillo Date: 6/25/13

Signature: Nicole Vavano Date: 6/28/13

RECEIVED  
 6/27/13  
 17

(Artic)

Truck Name & Number

Ledezma Transport 12823

Weighed by

*[Signature]* 6/28/3

empty weigh  
28400.

83300 lb BR

10:20 AM JUN 28 2003

54900

27.45



Driver Signature

*[Signature]*

2745

Certified Weight By: DT Allen Materials, LLC  
11 Birch Street • Midland Park, NJ 07432  
201-689-9509

SECAUCUS BROWNFIELDS REDEVELOPMENT, LLC

BILL OF LADING

3224777

Number

(Name) East Development LLC  
 (Street Address) 26 Myerward Street  
 (City, ST ZIP Code) Brooklyn, NY 11249  
 SID No.

DATE OF MATERIAL APPROVAL: 6/25/13

MATERIAL APPROVAL #:

178 Waiting time  
7:00AM -

Secaucus Brownfields Redevelopment (SBR), LLC  
 Malanka Landfill Facility  
 Entrance on West Side Avenue (Jersey City)  
 Secaucus, New Jersey  
 Tel: (201) 555-8508 Fax: (201) 555-8583

Trucking Company Name	Actic
Name and Number on Truck	#68
Vehicle Plate No.	AN-1749V
USDOT #	002250976
Type of Delivery Vehicle Please check one	Tri-Axial Dump <input checked="" type="checkbox"/> Tandem Dump <input type="checkbox"/> Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>

NJEMS PI #

NJDEP Facility ID #: 132247

(Name) Clean Earth, LLC  
 (Street Address) 334 South Warminster Street  
 (City, ST ZIP Code) Haddonfield, PA 19040  
 (Origin of Fill Material Location/Source) East Development  
 (Street Address) 1309-1321 36th Street  
 (City, ST ZIP Code) Brooklyn, NY 11218

Open Fill  Recycled Masonry  Processed Dredge Material (PDM)  
 Rappin  Fill from recycling facilities  Construction Fill  
 Other (Description)

Grid location WC-5

Physical Description of Material: Construction Fill

Description	Cubic Yards Volume	Grid Location	Scale Ticket	Additional Information
One-Truck Load	26 cubic yards			
<b>Grand Total</b>	<b>26.00</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.

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.

Transporter's Certification

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 stated on the Bill of Lading and that it is delivered in accordance with the terms of this agreement.

Driver's Name:

Juan David Ruiz

Driver's Signature:

*Juan David Ruiz*

Date: 6-28-13

Customer's Certification

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:

Facility Acceptance: Secaucus Brownfields Redevelopment, LLC

Secaucus Brownfields Redevelopment, LLC agrees to accept the material manifests herein in accordance with the NJDEP approved Materials Acceptance Protocol upon receipt of full payment for acceptance of material at Malanka Landfill Facility. SBR does not accept the material and it shall be considered illegal dumped waste. Malanka Landfill Facility by the Generator and Customer and said action shall be reported to the appropriate authorities.

Generator's Authorized Representative

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:

Silvestre Castilla

Title:

Project Manager

Signature:

*Silvestre Castilla* Date: 6/28/13

Name:

Nicole Varano

Signature:

*Nicole Varano*

Date:

6/28/13

12829

Truck Name & Number

*Artic #68*

Weighed by

*Phil Van*

*6/28/13*



80560 1b-10  
26340 1b-10  
54220 1b-10  
10:43 AM JUN 28 2013

27.11

Driver Signature

*[Handwritten Signature]*

27.10

**Certified Weight By: DT Allen Materials, LLC  
11 Birch Street • Midland Park, NJ 07432  
201-689-9509**

**SECAUCUS BROWNFIELDS REDEVELOPMENT, LLC**  
**BILL OF LADING**

3224779

Number \_\_\_\_\_

(Name) **Fast Development LLC**  
(Street Address) **26 Maywood Street**  
(City, ST, ZIP Code) **Brooklyn, NY 11249**  
SID No. \_\_\_\_\_

DATE OF MATERIAL APPROVAL: **6/25/13**  
MATERIAL APPROVAL #: **Silvestre Castillo**  
**6:30 AM - 7:00 - 9:55 am**

Secaucus Brownfields Redevelopment (SBR), LLC  
Malanka Landfill Facility  
Entrance on West Side Avenue (Jersey City)  
Secaucus, New Jersey  
Tel: (201) 839-8505 Fax: (201) 839-0593

Trucking Company Name	<b>Citoxi Express</b>
Name and Number on Truck	<b>T 2</b>
Vehicle Plate No.	<b>26227 PC</b>
USDOT #	<b>1369134</b>
Type of Delivery Vehicle: Rear door only	Tri-Axial Dump <input type="checkbox"/> Tandem Dump <input type="checkbox"/> Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>

NJDEP # \_\_\_\_\_  
NJDEP Facility ID # **132247**

(Name) **Clean Earth, LLC**  
(Street Address) **334 South Main Street**  
(City, ST, ZIP Code) **Hatboro, PA 19040**  
Origin of Fill Material: **Fast Development**  
(Location/Source) **1309-1321 38<sup>th</sup> Street**  
(Street Address) **Brooklyn, NY 11218**  
(City, ST, ZIP Code) \_\_\_\_\_

**27.09 TH**

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)   
Asphalt  Fill from recycling facilities  Construction Fill   
Other (Description): \_\_\_\_\_  
Grid Location **WC-5**  
Physical Description of Material: **Construction Fill**

Description	Cubic Yard Volume	Gross Weight	Scale Ticket	Additional Information
One Truck Load	<b>28 cubic yards</b>	<b>28,000</b>	<b>WTN</b>	
<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.

**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.**

**Transporter's Certification**

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 shown on the Bill of Lading and that no additional materials added to this shipment.

Driver's Name: **Hector Zapata**  
Driver's Signature: *[Signature]* Date: **6-28-13**

**Customer's Certification**

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 the 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: \_\_\_\_\_

**Facility Acceptance: Secaucus Brownfields 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 at Malanka Landfill Facility. SBR does not accept the material and transfer of liability to Malanka Landfill Facility by the Generator and Customer and also action shall be reported to the appropriate authorities.

Name: **Nicole Varano**  
Signature: *[Signature]* Date: **6/28/13**

**Generator's Authorized Representative**

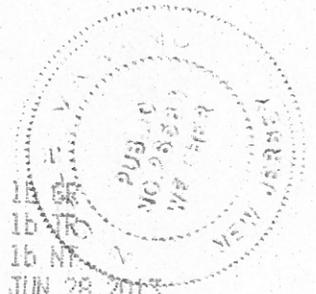
This is to certify that the above named materials are properly classified, and being shipped to the Malanka Landfill in accordance with the approval received from the Third Party Engineer and I am authorized to sign this Bill of Lading on behalf of Generator.

Name: **Silvestre Castillo**  
Title: **Project Manager**  
Signature: *[Signature]* Date: **6/25/13**

12835

Truck Name & Number Citozi T2

Weighed by [Signature] 6/28/13



84240 16 GR  
28460 16 TR  
55780 16 NT  
11:00 AM JUN 28 2013

27.09 TH

Driver Signature [Signature]

**Certified Weight By: DT Allen Materials, LLC**  
11 Birch Street • Midland Park, NJ 07432  
201-689-9509

SECAUCUS BROWNFIELD'S REDEVELOPMENT, LLC

BILL OF LADING

3224782

Number

(Name) Fast Development LLC  
 (Street Address) 25 New Ward Street  
 (City, ST ZIP Code) Brooklyn, NY 11249  
 SID No.

DATE OF MATERIAL APPROVAL: 6/28/13  
 MATERIAL APPROVAL #: 178

Secaucus Brownfields Redevelopment (SBR), LLC  
 Malanka Landfill Facility  
 Entrance on West Side Avenue (Lower City)  
 Secaucus, New Jersey  
 Tel: (201) 859-8508 Fax: (201) 859-0589

Trucking Company Name	C.FEIJOO TRUCKING 9
Name and Number on Truck	C.FEIJOO #78
Vehicle Plate No.	AJ106 H
USDOT #	1349862
Type of Delivery Vehicle: Please check one	Tri-Axial Dump <input type="checkbox"/> Tandem Dump <input type="checkbox"/> Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>

NJBMS PI # \_\_\_\_\_  
 NJDEP Facility ID #: 132247

(Name) Clean Earth, LLC  
 (Street Address) 334 South Warminster Street  
 (City, ST ZIP Code) Haddon, PA 19040  
 Origin of Fill Material: Fast Development  
 (Location/Source) 1309-1321 36th Street  
 (Street Address) Brooklyn, NY 11218  
 (City, ST ZIP Code) \_\_\_\_\_

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)   
 Kaolin  Fill from recycling facilities  Construction Fill  
 Other (Description) \_\_\_\_\_  
 Grid Location WC-5  
 Physical Description of Material: Construction Fill

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	25 cubic yards	28,000		
<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.

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.

Transporter's Certification

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 noted on this Bill of Lading and that no additional material was added to this shipment.

Driver's Name: Julio  
 Driver's Signature: Julio Ades Date: 6-28-13

Customer's Certification

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 disposal of the material in accordance with the laws and conditions of the agreement between the parties. Failure by SBR for the material has been deemed illegal dumping and the appropriate authorities will be notified.

Customer's Name: \_\_\_\_\_  
 Customer's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Generator's Authorized Representative

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: Silvestre Castillo  
 Title: Project Manager  
 Signature: Silvestre Castillo Date: 6/28/13

Facility Acceptance: Secaucus Brownfields 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. Payment to be received by SBR 48hrs prior to the material and shall be considered legally done only when Malanka Landfill Facility by the Generator and Customer and said action shall be reported to the appropriate authorities.

Name: Nicde Varano  
 Signature: \_\_\_\_\_ Date: 6/28/13

12851

Truck Name & Number

C. Feijoo #78

Weighed by

*[Handwritten signature]*

6/28/13

80240 16 BR  
28920 16 TR  
51320 16 NT  
11:47 AM JUN 28 2013



25.66

Driver Signature

*[Handwritten signature]*

25.66

Certified Weight By: DT Allen Materials, LLC  
11 Birch Street • Midland Park, NJ 07432  
201-689-9509

SECaucus BROWNFIELDS REDEVELOPMENT, LLC

BILL OF LADING

3224785

Number

(Name) Fast Development LLC *waiting time*  
 (Street Address) 26 Heyward Street *Stur - and*  
 (City, ST ZIP Code) Brooklyn, NY 11249 *6.30 TO 12:05 PM*  
 SID No. *Silvestre Castillo HTR*  
 DATE OF MATERIAL APPROVAL: *6/25/13*  
 MATERIAL APPROVAL #: *178*

Secaucus Brownfields Redevelopment (SBR), LLC  
 Malanka Landfill Facility  
 Entrance on West Side Avenue (Lorway Dr)  
 SECaucus, New Jersey  
 Tel: (201) 689-8908 Fax: (201) 689-0583

Trucking Company Name	<i>Kas TRUCKING</i>
Name and Number on Truck	<i>Kas #2</i>
Vehicle Plate No.	<i>2AA667W</i>
USDOT #	
Type of Delivery vehicle: Rear dump <input type="checkbox"/>	Tri-Axle Dump <input checked="" type="checkbox"/> Tandem Dump <input type="checkbox"/> Trailer <input type="checkbox"/> -Roll-Off <input type="checkbox"/>

NJEMS PI #

NOESP Facility ID #: 132247

(Name) Clean Earth, LLC  
 (Street Address) 394 South Mainminister Street  
 Hatboro, PA 19040  
 (City, ST ZIP Code)  
 Origin of Fill Material: Fast Development  
 (Location/Source) 1309-1321 38<sup>th</sup> Street  
 (Street Address) Brooklyn, NY 11218  
 (City, ST ZIP Code)

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)   
 K-sorb  Fill from recycling facilities  Construction Fill  
 Other (Description):  
 Grid Location *WC-6*  
 Physical Description of Material: *Construction Fill*

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	<i>29 cubic yards</i>	<i>24,000</i>	<i>Y N</i>	
<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.

**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.**

**Transporter's Certification**

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 stated on a Bill of Lading and that no additional materials were added to this shipment.

Driver's Name: *Yano Gomez*  
 Driver's Signature: *[Signature]* Date: *6-28-13*

**Customer's Certification**

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: \_\_\_\_\_

**Generator's Authorized Representative**

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: *Silvestre Castillo*  
 Title: *Project Manager*  
 Signature: *Silvestre Castillo* Date: *6/25/13*

**Facility Acceptance: Secaucus Brownfields 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 illegal 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: *[Signature]* Date: *6/28/13*

Truck Name & Number KAS #2 . . . 12886  
Weighed by [Signature] 6/28/13



80168 16 TR  
28720 16 TR  
51440 16 NT  
01:27 PM JUN 28 2013

25.72

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

3224774

Number \_\_\_\_\_

(Name) **Fast Development LLC**  
 (Street Address) **26 Hilyward Street**  
 (City, ST ZIP Code) **Brooklyn, NY 11249**  
 SID No. \_\_\_\_\_

DATE OF MATERIAL APPROVAL: **6/25/13**  
 MATERIAL APPROVAL #: **178**

Secaucus Brownfields Redevelopment (SBR), LLC  
 Malanka Landfill Facility  
 Entrance on West Side Avenue (Jersey City)  
 Secaucus, New Jersey  
 Tel: (201) 689-9599 Fax: (201) 689-0593

Trucking Company Name	<b>Shirley Express LLC</b>
Name and Number on Truck	<b>09</b>
Vehicle Plate No.	<b>AM395Z</b>
USDOT #	<b>1706813</b>
Type of Delivery Vehicle: Please check one	Tri-Axial Dump <input checked="" type="checkbox"/> Tandem Dump <input type="checkbox"/> Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>

NJHSPI #: \_\_\_\_\_  
 NJDEP Facility ID #: **132247**

(Name) **Clean Earth, LLC**  
 (Street Address) **324 South Mainminister Street**  
 (City, ST ZIP Code) **Hatboro, PA 19040**  
 Origin of Fill Material:  
 (Location/Source) **Fast Development**  
**1309-1321 38<sup>th</sup> Street**  
 (Street Address) **Brooklyn, NY 11218**  
 (City, ST ZIP Code) \_\_\_\_\_

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)   
 Kaolin  Fill from recycling facilities  Construction Fill  
 Other (Description): \_\_\_\_\_  
 Grid Location **WC-5**  
 Physical Description of Material: **Construction Fill**

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	28 cubic yards			
<b>Grand Total</b>		<b>27,200</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.

**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.**

**Transporter's Certification**

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 shown on this Bill of Lading and that no additional material was added to the shipment.

Driver's Name: **Penafiel Adrian**  
 Driver's Signature: **PA** Date: **6-28-13**

**Customer's Certification**

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 the 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: \_\_\_\_\_

**Generator's Authorized Representative**

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: **Silvestre Castillo**  
 Title: **Project Manager**  
 Signature: **Silvestre Castillo** Date: **6/28/13**

**Facility Acceptance: 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 vehicle considered illegally dumped into Malanka Landfill Facility by the Generator and Customer and said action shall be reported to the appropriate authorities.

Name: **Michael Vavano**  
 Signature: **[Signature]** Date: **6/28/13**

12811

Truck Name & Number

*Spidley Express #9*

Weighed by

*[Signature]* *6/28/13*



85020 1b OR  
26680 1b TR  
58340 1b NT

09:50 AM JUN 28 2013

29.17

Driver Signature

*Penotiel*

**Certified Weight By: DT Allen Materials, LLC**  
11 Birch Street • Midland Park, NJ 07432  
201-689-9509

SECAUCUS BROWNFIELDS REDEVELOPMENT, LLC

BILL OF LADING

3224778

Number

(Name) Fast Development LLC  
 (Street Address) 26 Newwood Street  
Brooklyn, NY 11249  
 (City, ST ZIP Code)  
 SID No.

DATE OF MATERIAL APPROVAL: 6/25/13  
 MATERIAL APPROVAL # 178 SC HTE  
6:30 AM - 10:25 am

Secaucus Brownfields Redevelopment (SBR), LLC  
 Malanka Landfill Facility  
 Entrance on West Side Avenue (Jersey City)  
 Secaucus, New Jersey  
 Tel: (201) 899-9909 Fax: (201) 899-9589

Trucking Company Name	<u>R-L-S</u>
Name and Number on Truck	<u>18</u>
Vehicle Plate No.	<u>AN-109-E</u>
USDOT #	<u>2093589</u>
Type of Delivery Vehicle	Tri-Axle Dump <input checked="" type="checkbox"/> Tandem Dump <input type="checkbox"/>
Reefer check one	Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>

NJDEP Permit #

NJDEP Facility ID #: 132247

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)   
 Kaolin  Fill from recycling facilities  Construction Fill   
 Other (Description):  
 Grid Location WC-5  
 Physical Description of Material: Construction Fill

(Name) Clean Earth, LLC  
 (Street Address) 334 South Warminster Street  
Hatboro, PA 19040  
 (City, ST ZIP Code)  
 Origin of Fill Material: Fast Development  
 (Location/Source) 1309-1321 38<sup>th</sup> Street  
 (Street Address) Brooklyn, NY 11218  
 (City, ST ZIP Code)

Description	Truck Yard Volume	Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	<u>25 cubic yards</u>			
<b>Grand Total</b>		<u>27</u>		

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 agree 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.

Transporter's Certification

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 noted on this Bill of Lading and that no additional materials added to this shipment.

Driver's Name: [Signature]  
 Driver's Signature: MARIO LEMMA Date: 6-29-13

Customer's Certification

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 disposal of the material in accordance with the terms and conditions of the agreement between the parties. Failure to pay SBR for the material will be deemed illegal dumping and the applicable authorities will be notified.

Customer's Name: [Signature]  
 Customer's Signature: [Signature] Date: 6/28/13

Generator's Authorized Representative

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: Silvestre Castillo  
 Title: Project Manager  
 Signature: Silvestre Castillo Date: 6/25/13

Facility Acceptance

Secaucus Brownfields Redevelopment, LLC agrees to accept the material mentioned herein in accordance with the NJDEP approved Materials Acceptance Protocol upon receipt of full payment for acceptance of material. Payment to the waste transfer station through the material and disposal is considered legally done at Malanka Landfill Facility by the Generator and Customer and said activity shall be reported to the applicable authorities.

Name: Nikola Kavano  
 Signature: [Signature] Date: 6/28/13

12845

Truck Name & Number

*RLS #18*

Weighed by

*[Signature]* *6/28/13*



79980 1b GR

27320 1b TR

52600 1b NT

11:33 AM JUN 28 2013

26.33

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

3224780

Number

(Name) Fast Development LLC  
 (Street Address) 26 Heyward Street  
 (City, ST ZIP Code) Brooklyn, NY 11249  
 SID No.

DATE OF MATERIAL APPROVAL: 6/25/13  
 MATERIAL APPROVAL #: 178 WITH TIME: 6:30-10:30  
 SC HTE

Secaucus Brownfields Redevelopment (SBR), LLC  
 Malanka Landfill Facility  
 Entrance on West Side Avenue ( Jersey City)  
 Secaucus, New Jersey  
 Tel: (201) 539-5909 Fax: (201) 539-0593

Trucking Company Name: RLS Transportation  
 Name and Number on Truck: 28  
 Vehicle Plate No.: AP 207R  
 USDOT #  
 Type of Delivery vehicle: Tri-Axial Dump  Tandem Dump   
 Trailer  Roll-Off

NJEMS PI #  
 NJDEP Facility ID #: 132247

(Name) Clean Earth, LLC  
 (Street Address) 354 South Westminster Street  
 (City, ST ZIP Code) Hoboken, NJ 07040  
 Origin of Fill Material: Fast Development  
 (Location/Source) 1309-1321 36th Street  
 (Street Address) Brooklyn, NY 11218  
 (City, ST ZIP Code)

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)   
 Kaolin  Fill from recycling facilities  Construction Fill  
 Other (Description):  
 Grid Location WC-5  
 Physical Description of Material: Construction Fill

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	23 cubic yards	27,080		
<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.

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.

**Transporter's Certification**  
 3814 - 13AV  
 The Transporter named herein hereby certifies that the material represented on this Bill of Lading is the material that has been picked up from the generator's site as noted on the Bill of Lading and that no additional material was added to this shipment.  
 Driver's Name: Napolioni Paderna  
 Driver's Signature: [Signature] Date: 6-28-13

**Customer's Certification**  
 418672425.09  
 The Customer hereby certifies that the material being delivered as represented on this Bill of Lading is 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 the material in accordance with the terms and conditions of the Agreement between SBR and the Customer. Please pay SBR for the material that is deemed illegal dumping and the appropriate fines will be notified.  
 Customer's Name: [Name]  
 Customer's Signature: [Signature] Date: 6-28-13

**Generator's Authorized Representative**  
 8-571-13  
 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: Silvestre Castiblanco  
 Title: Project Manager  
 Signature: [Signature] Date: 6/28/13

**FACILITY ACCEPTANCE**  
 Secaucus Brownfields Redevelopment, LLC (SBR) certifies that the material manifested herein complies with the NJDEP approved Materials Acceptance Protocol upon receipt of full payment for acceptance of material payment is not required. SBR does not accept the material and vehicle contained herein unless accompanied by Malanka Landfill Facility by the Generator and Customer and any action shall be reported to the appropriate authorities.  
 Signature: [Signature] Date: 6/28/13

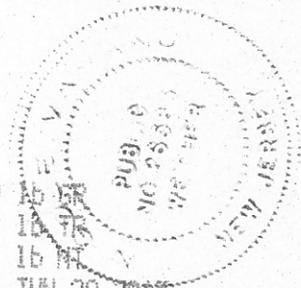
12842

Truck Name & Number

RLS #28

Weighed by

*[Handwritten signature]* 6/28/15



79280 16 YR  
28060 16 YR  
51220 16 WT  
11:28 AM JUN 28 2015

25.61

Driver Signature

*Napoleon Codera*

**Certified Weight By: DT Allen Materials, LLC**  
11 Birch Street • Midland Park, NJ 07432  
201-689-9509

SECACUS BROWNFIELDS REDEVELOPMENT, LLC

BILL OF LADING

3224783

Number

Name: Fast Development LLC  
 (Street Address): 25 Heyward Street  
 (City, ST ZIP Code): Brooklyn, NY 11249  
 SID No.:

DATE OF MATERIAL APPROVAL: 6/25/13  
 MATERIAL APPROVAL #: 178

Secacus Brownfields Redevelopment (SBR), LLC  
 Malanka Landfill Facility  
 Entrance on West Side Avenue (Jersey City)  
 Secacus, New Jersey  
 Tel: (201) 889-8909 Fax: (201) 889-8993

Trucking Company Name	Shelley Express LLC
Name and Number on Truck	# 10
Vehicle Rate No.	AP6005
USDOT #	1706213
Type of Delivery vehicle: Please check one	<input checked="" type="checkbox"/> Tri-Axle Dump <input type="checkbox"/> Tandem Dump <input type="checkbox"/> <input type="checkbox"/> Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>

NJDEP #: \_\_\_\_\_  
 NJDEP Facility ID #: 132247

Name: Clean Earth, LLC  
 (Street Address): 334 South Main Street  
 (City, ST ZIP Code): Haddonfield, PA 19040  
 Origin of Fill Material: Fast Development  
 (Location/Source): 1309-1321 36th Street  
 (Street Address): Brooklyn, NY 11218  
 (City, ST ZIP Code):

Clean Fill  Recycled Material  Processed Dredge Material (PDM)   
 Earth  Fill from recycling facilities  Construction Fill  
 Other (Description):  
 Grid Location WC-5  
 Physical Description of Material: Construction Fill

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	25 cubic yards		Y N	
<b>Grand Total</b>		<b>28000</b>		

Secacus 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.

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.

Transporter's Certification

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 shown on the Bill of Lading and that no substitutions have been made to this shipment.

Carrier Name: Shelley Express  
 Carrier's Signature: Harvell Date: 6/28/13

Customer's Certification

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 Secacus 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: \_\_\_\_\_

Generator's Authorized Representative

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: Silvestre Castillo  
 Title: Project Manager  
 Signature: Silvestre Castillo Date: 6/29/13

Facility Acceptance: Secacus Brownfield Redevelopment, LLC

Secacus 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 at Malanka. SBR does not accept the material until it has been classified legally 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: Nicole Varano Date: 6/28/13

.12862

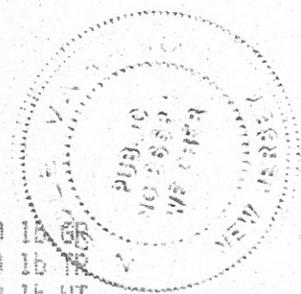
Truck Name & Number

*Shirley Express #10*

Weighed by

*[Signature]*

*6/28/13*



92060 1b GB  
28900 1b TR  
63260 1b NT  
12:14 PM JUN 28 2013

31.63

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**

3224784

Number

(Name) Fast Development LLC  
 (Street Address) 26 Heyward Street  
 (City, ST ZIP Code) Brooklyn, NY 11249  
 SID No. \_\_\_\_\_

DATE OF MATERIAL APPROVAL: 6/25/13  
 MATERIAL APPROVAL #: 178

Secaucus Brownfields Redevelopment (SBR), LLC  
 Malanka Landfill Facility  
 Entrance on West Side Avenue (Jersey City)  
 Secaucus, New Jersey  
 Tel: (201) 539-9505 Fax: (201) 539-0593  
 NJB/SP # \_\_\_\_\_  
 NJDEP Facility ID #: 132247

Trucking Company Name	<u>Shelley Express LLC</u>
Name and Number on Truck	<u>#16</u>
Vehicle Plate No.	<u>AP160M</u>
USDOT #	<u>1706813</u>
Type of Delivery Vehicle: <small>Please check one</small>	Tri-Axial Dump <input checked="" type="checkbox"/> Tandem Dump <input type="checkbox"/> Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>

(Name) Clean Earth, LLC  
 (Street Address) 334 South Westminster Street  
 (City, ST ZIP Code) Hatboro, PA 19040  
 Origin of Fill Material: Fast Development  
 (Location/Source) 1309-1321 38<sup>th</sup> Street  
 (Street Address) Brooklyn, NY 11218  
 (City, ST ZIP Code) \_\_\_\_\_

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)   
 Roof/Fill from recycling facilities  Construction Fill  
 Other (Description): \_\_\_\_\_  
 Grid Location WC-5  
 Physical Description of Material: Construction Fill

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	25 cubic yards	28000		
<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 scale 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.**

**Transporter's Certification**

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 stated on this Bill of Lading and that no additional material was added to the shipment.

Driver's Name: Younyuta  
 Driver's Signature: \_\_\_\_\_ Date: 6/28/13

**Generator's Authorized Representative**

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: Silvestre Castillo  
 Title: Project Manager  
 Signature: Silvestre Castillo Date: 6/28/13

**Customer's Certification**

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 disposal 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: \_\_\_\_\_

**Facility Acceptance, 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 shall action shall be reported to the appropriate authorities.

Name: Nicole Varano  
 Signature: \_\_\_\_\_ Date: 6/28/13

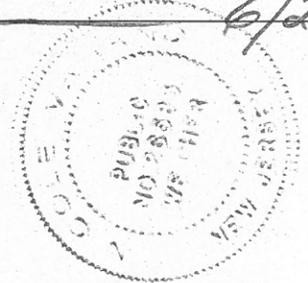
12863

Truck Name & Number

*Shiley Express #16*

Weighed by

*[Signature]* *6/28/13*



89540 1b GR  
28380 1b TR  
61160 1b NT  
12:15 PM JUN 28 2013

30.58

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

3224786

NUMBER

(Name) Fast Development LLC  
 (Street Address) 26 Freyward Street  
 (City, ST ZIP Code) Brooklyn, NY 11249  
 SID No.

DATE OF MATERIAL APPROVAL: 6/25/13  
 MATERIAL APPROVAL #: 178

Secaucus Brownfields Redevelopment (SBR), LLC  
 Malanka Landfill Facility  
 Entrance on West Side Avenue (Jersey City)  
 Secaucus, New Jersey  
 Tel. (201) 639-8509 Fax (201) 639-0550

Trucking Company Name: Shirley exp  
 Name and Number on Truck: Benjamin #20  
 Vehicle Plate No: AU-983-X  
 USDOT #: 1706813  
 Type of Delivery Vehicle: Tri-Axial Dump  Tandem Dump   
 Resealable: Trailer  Roll-Off

NJEMSP # \_\_\_\_\_  
 NJDEP Facility ID #: 132347

(Name) Clean Earth, LLC  
 (Street Address) 334 South Mainminister Street  
 (City, ST ZIP Code) Hatboro, PA 19040  
 Origin of Fill Material (Location/Source): Fast Development  
 (Street Address) 1309-1321 38<sup>th</sup> Street  
 (City, ST ZIP Code) Brooklyn, NY 11218

Clean Fill  Recycled Paving  Processed Dredge Material (PDM)   
 Kaolin  Fill from recycling facilities  Construction Fill  
 Other (Description):  
 Grid Location WC-6  
 Physical Description of Material: Construction Fill

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Trip/Load	26 cubic yards	23160		
<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.

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.

Transporter's Certification

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 cited on this Bill of Lading and that no additional material was added to this shipment.

Driver's Name: Benjamin  
 Driver's Signature: Benjamin Date: 6/28/13

Customer's Certification

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. If it is determined by SBR that the material shall be deemed illegal dumping and the appropriate authorities will be notified.

Customer's Name: \_\_\_\_\_  
 Customer's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Generator's Authorized Representative

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: Silvestre Castillo  
 Title: Project Manager  
 Signature: Silvestre Castillo Date: 6/28/13

Facility Acceptance: 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: Nicob Varano  
 Signature: Nicob Varano Date: 6/28/13

12876

Truck Name & Number

*Shirley Express # 20*

Weighed by

*[Signature]* *6/28/13*



90820 1b GR  
29440 1b TR  
61380 1b NT  
12:52 PM JUN 28 2013

30.69

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

3224787

Number

(Name) Fast Development LLC  
 (Street Address) 26 Heyward Street  
 (City, ST ZIP Code) Brooklyn, NY 11249  
 SD No.

DATE OF MATERIAL APPROVAL: 6/25/13  
 MATERIAL APPROVAL #: 178

Secaucus Brownfields Redevelopment (SBR), LLC  
 Malanka Landfill Facility  
 Entrance on West Side Avenue (Jersey City)  
 Secaucus, New Jersey  
 Tel: (201) 559-9509 Fax: (201) 559-0593  
 NJB-15P1 #:  
 NJDEP Facility ID #: 132247

Trucking Company Name: Shirley Express  
 Name and Number on Truck: #06 - Shirley  
 Vehicle Plate No: AM110T  
 USDOT #: 1706813  
 Type of Delivery Vehicle: Tri-Axle Dump  Tandem Dump   
 Floor/Deck type: Trailer  Roll-Off

(Name) Clean Earth, LLC  
 (Street Address) 334 South Mainwaster Street  
 (City, ST ZIP Code) Hazleton, Pa. 19040  
 Origin of Fill Material (Location/Source): Fast Development  
 1309-1321 38th Street  
 (Street Address) Brooklyn, NY 11218  
 (City, ST ZIP Code)

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)  
 Kerol  Fill from recycling facilities  Construction Fill  
 Other (Description):  
 Grid Location WC-6  
 Physical Description of Material: Construction Fill

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	25 cubic yards	27690	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.

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.

Transporter's Certification

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 stated on the Bill of Lading and that no additional materials added to this shipment.

Driver's Name: [Signature]  
 Driver's Signature: Portos Date: 06-28-13

Customer's Certification

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 by SBR to accept the material shall be deemed illegal dumping and the appropriate authorities will be notified.

Customer's Name: \_\_\_\_\_  
 Customer's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Generator's Authorized Representative

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: Silvestre Costino  
 Title: Project Manager  
 Signature: Silvestre Costino Date: 6/25/13

Facility Acceptance: 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 shall be considered illegal dumping at the Malanka Landfill Facility by the Generator and Customer and said action shall be reported to the appropriate authorities.

Name: Nicole Varano  
 Signature: [Signature] Date: 6/28/13

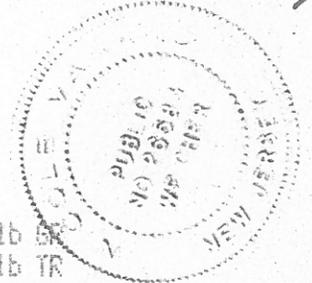
12887

Truck Name & Number

*Shigley Express #6*

Weighed by

*[Signature]*



86420 1b GR

27640 1b TR

58780 1b NT

01:29 PM JUN 28 2013

*29.39 Tons*

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

3224788

Number

(Name) Fast Development LLC  
 (Street Address) 26 Heyward Street  
 (City, ST ZIP Code) Brooklyn, NY 11249  
 SD No.

DATE OF MATERIAL APPROVAL: 6/25/13

MATERIAL APPROVAL #: 178

Secaucus Brownfields Redevelopment (SBR), LLC  
 Malanka Landfill Facility  
 Entrance on West Side Avenue (Jersey City)  
 Secaucus, New Jersey  
 Tel: (201) 639-9509 Fax: (201) 639-0983

Trucking Company Name: SHINY EXPRESS LLC  
 Name and Number on Truck: SHINY 02  
 Vehicle State No.: NJ 1B1M  
 USDOT #: 1706813  
 Type of Delivery Vehicle: Tri-Axle Dump  Tandem Dump   
 Release Check-Off: Trailer  Roll-Off

NJEMS PL # \_\_\_\_\_  
 NJDEP Facility ID #: 132247

(Name) Clean Earth, LLC  
 (Street Address) 334 South Main Street  
 (City, ST ZIP Code) Haddon, PA 19040  
 Origin of Fill Material (Location/Source): Fast Development  
 1309-1321 38<sup>th</sup> Street  
 (Street Address) Brooklyn, NY 11218  
 (City, ST ZIP Code) \_\_\_\_\_

Clean Fill  Recycled Masonry  Processed Drudge Material (PDM)   
 Kaolin  Fill from recycling facilities  Construction Fill  
 Other (Description): \_\_\_\_\_  
 World Location: WC-6  
 Physical Description of Material: Construction Fill

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	28 cubic yards	28,800		
<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 truck 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.

Transporter's Certification

The Transporter named herein hereby certifies that the material being delivered as represented on this Bill of Lading is the material that has been stockpiled up from the Generator's site as noted on the Bill of Lading and that no additional materials were added to this shipment.

Driver's Name: Amzal  
 Driver's Signature: [Signature] Date: 6-28-13

Customer's Certification

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 the 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: \_\_\_\_\_

Generator's Authorized Representative

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: Silvestre Castillo  
 Title: Project Manager  
 Signature: [Signature] Date: 6/25/13

Facility Acceptance: Secaucus Brownfields Redevelopment, LLC

Secaucus Brownfields Redevelopment, LLC agrees to accept the material mentioned 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 unless it shall be considered illegal dumped at the Malanka Landfill Facility by the Generator and Customer and also a claim shall be reported to the appropriate authorities.

Name: Nicole Varano  
 Signature: [Signature] Date: 6/28/13

12888

Truck Name & Number

*Shirley Express #2*

Weighed by

*[Signature]* *6/28/13*



83920 1b GR  
28820 1b TR  
55100 1b NT  
01:30 PM JUN 28 2013

27.55

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

3224789

Number

Name: Fast Development LLC  
 (Street Address): 26 Heyward Street  
 (City, ST ZIP Code): Brooklyn, NY 11249  
 SID No.:

DATE OF MATERIAL APPROVAL: 6/25/13  
 MATERIAL APPROVAL #: 173

Secaucus Brownfields Redevelopment (SBR), LLC  
 Malanka Landfill Facility  
 Entrance on West State Avenue (Jersey City)  
 Secaucus, New Jersey  
 Tel: (201) 839-8939 Fax: (201) 839-0993  
 NJBMSPI #: \_\_\_\_\_  
 NJDEP Facility ID #: 132247

Trucking Company Name	Shirley Exp. Inc
Name and Number on Truck	05
Vehicle Plate No.	AN 316 N
USDOT #	1706813
Type of Delivery Vehicle:	Tri-Axial Dump <input type="checkbox"/> Tandem Dump <input type="checkbox"/>
Reseal of Containers	Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>

Name: Clean Earth, LLC  
 (Street Address): 334 South Westminster Street  
 (City, ST ZIP Code): Hatboro, PA 19040  
 Origin of Fill Material (Location/Source): Fast Development  
 (Street Address): 1309-1321 38th Street  
 (City, ST ZIP Code): Brooklyn, NY 11218

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)   
 Kerfin  Fill from recycling facilities  Construction Fill   
 Other (Description):  
 Grid Location WC-6  
 Physical Description of Material: Construction Fill

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	25 cubic yards			
<b>Grand Total</b>		<b>26000</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.

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.

Transporter's Certification

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 stated on the Bill of Lading and that no additional material was added to this shipment.

Driver's Name: Margro Velarde  
 Driver's Signature: [Signature] Date: 6/15/13

Customer's Certification

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 Material 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: \_\_\_\_\_  
 Facility Acceptance: Secaucus Brownfields Redevelopment, LLC

Generator's Authorized Representative

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: Silvestre Castillo  
 Title: Project Manager  
 Signature: [Signature] Date: 6/28/13

Secaucus Brownfields Redevelopment, LLC agrees to accept the material manifested herein in accordance with the NJDEP approved Material 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 shall action shall be reported to the appropriate authorities.

Name: Nicole Varano  
 Signature: [Signature] Date: 6/28/13

12898

Truck Name & Number Shirley Express #15 6-28-13  
Weighed by [Signature]

84880 1b 68  
26000 1b 68  
58880 1b 68  
02:33 PM JUN 28 2013



29.44

Driver Signature [Signature]

**Certified Weight By: DT Allen Materials, LLC**  
11 Birch Street • Midland Park, NJ 07432  
201-689-9509

SECAUCUS BROWNFIELD'S REDEVELOPMENT, LLC

BILL OF LADING

3224790

Number

(Name) Fast Development LLC  
 (Street Address) 26 Heyward Street  
 (City, ST ZIP Code) Brooklyn, NY 11249  
 SID No.

DATE OF MATERIAL APPROVAL: 6/28/13  
 MATERIAL APPROVAL #: 178

Secaucus Brownfields Redevelopment (SBR), LLC  
 Malanka Landfill Facility  
 Entrance on West Side Avenue (Jersey City)  
 Secaucus, West Jersey  
 Tel: (201) 639-8509 Fax: (201) 639-0593  
 NJB/SP# :  
 NJDEP Facility ID #: 132247

Trucking Company Name	RLS Transport Int'l
Name and Number on Truck	RLS 48
Vehicle Plate No.	A 1174962 NJ
USDOT #	2093 589
Type of Delivery Vehicle:	Tri-Axial Dump <input checked="" type="checkbox"/> Tandem Dump <input type="checkbox"/>
Please check one:	Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>

(Name) Clean Earth, LLC  
 (Street Address) 334 South Westminster Street  
 (City, ST ZIP Code) Hatboro, PA 19040  
 Origin of Fill Material: Fast Development  
 (Location/Source) 1309-1321 38<sup>th</sup> Street  
 (Street Address) Brooklyn, NY 11218  
 (City, ST ZIP Code)

Clean Fill  Recycled Masonry  Processed Drudge Material (PDM)   
 Keroln  Fill from recycling facilities  Construction Fill  
 Other (Description):  
 Grid Location WC-6  
 Physical Description of Material: Construction Fill

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	28 cubic yards	28,600	7	
<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.

**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.**

**Transporter's Certification**  
 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 noted on the Bill of Lading and that no additional material has added to this shipment.  
 Driver's Name: Ryber  
 Driver's Signature: [Signature] Date: 6/28/13

**Customer's Certification**  
 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: \_\_\_\_\_

**Generator's Authorized Representative**  
 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: Silvestre Castillo  
 Title: Project Manager  
 Signature: [Signature] Date: 6/28/13

**Facility Acceptance, Secaucus Brownfields Redevelopment, LLC**  
 Secaucus Brownfields Redevelopment, LLC agrees to accept the material mentioned herein in accordance with the NJDEP approved Materials Acceptance Protocol upon receipt in the position for acceptance material is approved to not rejected. SBR does not accept the material and shall not consider illegal dumping at the Malanka Landfill Facility by the Generator and Customer and said action shall be reported to the appropriate authorities.  
 Name: Nicolb Varanu  
 Signature: [Signature] Date: 6/28/13

12895

Truck Name & Number

Weighed by \*

RLS # 48  
[Signature] 6/28/13



26.74

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

3224791

Number

(Name) Fast Development LLC  
 (Street Address) 26 Freyward Street  
 (City, ST ZIP Code) Brooklyn, NY 11249  
 SID No.

DATE OF MATERIAL APPROVAL: 6/25/13  
 MATERIAL APPROVAL #: 178

Secaucus Brownfields Redevelopment (SBR), LLC  
 Malanka Landfill Facility  
 Entrance on West Side Avenue (Jersey City)  
 Secaucus, New Jersey  
 Tel. (201) 839-5509 Fax (201) 839-0593

Trucking Company Name	RLS
Name and Number on Truck	RLS # 58
Vehicle Plate No.	AP439D
USDOT #	2093585
Type of Delivery Vehicle Please check one	Tri-axial Dump <input checked="" type="checkbox"/> Tandem Dump <input type="checkbox"/> Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>

NJBISPI # \_\_\_\_\_  
 NJDEP Facility ID #: 132247

(Name) Clean Earth, LLC  
 (Street Address) 334 South Mainwater Street  
 (City, ST ZIP Code) Hazleton, PA 19040  
 Origin of Fill Material: Fast Development  
 (Location/Source) 1309-1321 36th Street  
 (Street Address) Brooklyn, NY 11218  
 (City, ST ZIP Code) \_\_\_\_\_

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)   
 Asphalt  Fill from recycling facilities  Construction Fill  
 Other (Description): \_\_\_\_\_  
 Grid Location WC-6  
 Physical Description of Material: Construction Fill

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	28 cubic yards	27.00	P A	
<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 agree 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.**

Transporter's Certification

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 stated on this Bill of Lading and that no additional material was added to this shipment.

Driver's Name: Paul  
 Driver's Signature: Paul Date: 6-23-13

Customer's Certification

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 the 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: 7

Generator's Authorized Representative

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: Silvestre Castillo  
 Title: Project Manager  
 Signature: Silvestre Castillo Date: 6/28/13

Facility Acceptance: Secaucus Brownfields 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 services. If payment is not received, SBR does not accept the material and failure to be received at Malanka Landfill Facility by the Generator and Customer and said action shall be reported to the appropriate authorities.

Name: Nicole Varano  
 Signature: Nicole Varano Date: 6/28/13

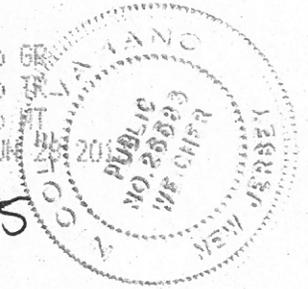
12902

Truck Name & Number RLS #59 6-28-17

Weighed by [Signature]

91420 1b GR  
29120 1b TR  
62300 1b BT  
02:42 PM JUN 28 2017

31.15



Driver Signature

[Signature]

**Certified Weight By: DT Allen Materials, LLC**  
11 Birch Street • Midland Park, NJ 07432  
201-689-9509

SECAUCUS BROWNFIELD'S REDEVELOPMENT, LLC

BILL OF LADING

3224792

Number \_\_\_\_\_

Name: Fast Development LLC  
 26 Myerwood Street  
 (Street Address) EL  
 (City, ST ZIP Code) Brooklyn, NY 11249  
 SID No: \_\_\_\_\_

DATE OF MATERIAL APPROVAL: 6/25/13  
 MATERIAL APPROVAL #: 178

Secaucus Brownfields Redevelopment (SBR), LLC  
 Malanka Landfill Facility  
 Entrance on West Side Avenue (Jersey City)  
 Secaucus, New Jersey  
 Tel: (201) 839-5509 Fax: (201) 839-0593

NJEMS PI #: \_\_\_\_\_  
 NJDEP Facility ID #: 132247

Trucking Company Name	Shuler Express
Name and Number on Truck	RLH # 38
Vehicle Plate No.	1N3972
USDOT #	2093589
Type of Delivery Vehicle	Tri-Axial Dump <input checked="" type="checkbox"/> Tandem Dump <input type="checkbox"/>
Please check one	Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>

Name: Clean Earth, LLC  
 334 South Westminster Street  
 (Street Address) HAZERO, PA 15040  
 (City, ST ZIP Code)  
 Origin of Fill Material: Fast Development  
 (Location/Source) 1309-1321 38<sup>th</sup> Street  
 (Street Address) Brooklyn, NY 11218  
 (City, ST ZIP Code)

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)   
 Kaolin  Fill from recycling facilities  Construction Fill  
 Other (Description):  
 Grid Location WC-6  
 Physical Description of Material: Construction Fill

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	25 cubic yards	28,54	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.

**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.**

**Transporter's Certification**  
 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 noted on the Bill of Lading and that no additional material was added to this shipment.  
 Driver's Name: SP180  
 Driver's Signature: [Signature] Date: 06/28/13

**Customer's Certification**  
 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 the 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: \_\_\_\_\_

**Generator's Authorized Representative**  
 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: Silvestre Castillo  
 Title: Project Manager  
 Signature: Silvestre Castillo Date: 6/25/13

**Facility Acceptance, Secaucus Brownfields Redevelopment, LLC**  
 Secaucus Brownfields Redevelopment, LLC agrees to accept the material mentioned 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: [Signature] Date: 6/28/13

12907

Truck Name & Number RLS # 38

Weighed by [Signature]



87200 1b GR  
29880 1b TR  
57320 1b NT  
03:12 PM JUN 28 2013

28.66

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

3224793

Number \_\_\_\_\_

(Name) Fast Development LLC  
 (Street Address) 26 Pier Ward Street  
 (City, ST ZIP Code) Brooklyn, NY 11249  
 SID No. \_\_\_\_\_

DATE OF MATERIAL APPROVAL: 6/25/13  
 MATERIAL APPROVAL #: 178

Secaucus Brownfields Redevelopment (SBR), LLC  
 Malanka Landfill Facility  
 Entrance on West Side Avenue (Jersey City)  
 SECAUCUS, NEW JERSEY  
 Tel: (201) 835-8508 Fax: (201) 835-0593

Trucking Company Name	Shirley Express
Name and Number on Truck	Shirley #08
Vehicle Plate No.	AP645E
USDOT #	17068/13
Type of Delivery Vehicle	Tri-Axial Dump <input type="checkbox"/> Tandem Dump <input type="checkbox"/>
Reese's description	Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>

NJDEP PI # \_\_\_\_\_  
 NJDEP Facility ID #: 132247

(Name) Clean Earth, LLC  
 (Street Address) 134 South Main Street  
 (City, ST ZIP Code) Harboro, PA 15040  
 Origin of Fill Material: Fast Development  
 (Location/Source) 1309-1321 38<sup>th</sup> Street  
 (Street Address) Brooklyn, NY 11218  
 (City, ST ZIP Code) \_\_\_\_\_

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)   
 Assoil  Fill from recycling facilities  Construction Fill  
 Other (Description): \_\_\_\_\_  
 Grid Location WC-6  
 Physical Description of Material: Construction Fill

Description	Cubic Yards Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	25 cubic yards	24120	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.

**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.**

**Transporter's Certification**  
 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 stated on this Bill of Lading and that all additional materials added to this shipment.  
 Driver's Name: Luis Diaz  
 Driver's Signature: [Signature] Date: 6-28-13

**Customer's Certification**  
 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: \_\_\_\_\_

**Generator's Authorized Representative**  
 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: Silvestro Costello  
 Title: Project Manager  
 Signature: [Signature] Date: 6/29/13

**Facility Acceptance: Secaucus Brownfields 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. Payment is not required if SBR does not accept the material and it shall be considered illegal dumped into Malanka Landfill Facility by the Generator and Customer and said action shall be reported to the appropriate authorities.  
 Name: \_\_\_\_\_  
 Signature: [Signature] Date: 6/28/13

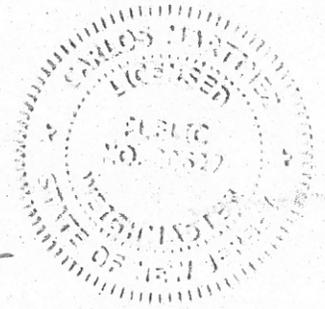
12910

Truck Name & Number

Shirky # 8

Weighed by

89220 1b GR  
24120 1b TR  
65100 1b NT  
04:20 PM JUN 28 2013  
32.5876W



Driver Signature

*[Handwritten 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

3224794

Number

(Name) Fast Development LLC  
 (Street Address) 26 Freyhard Street  
 (City, ST ZIP Code) Brooklyn, NY 11249  
 SID No.

DATE OF MATERIAL APPROVAL: 6/25/13  
 MATERIAL APPROVAL #: 178

Secaucus Brownfields Redevelopment (SBR), LLC  
 Malanka Landfill Facility  
 Entrance on West Side Avenue (Jersey City)  
 SECAUCUS, NEW JERSEY  
 Tel: (201) 539-8509 Fax: (201) 539-0593

Trucking Company Name: Shilby  
 Name and number on Truck: 112  
 Vehicle Plate No: NJ 396 Z  
 USDOT #: 1706813  
 Type of Delivery Vehicle: Tri-Axle Dump  Tandem Dump   
 Trailer  Roll-Off

NJDEP PI #:   
 NJDEP Facility ID #: 132247 NET 3127

(Name) Clean Earth, LLC  
 (Street Address) 334 South Warminster Street  
 (City, ST ZIP Code) Hightstown, PA 19040  
 Origin of Fill Material (Location/Source): Fast Development  
 1309-1321 38th Street  
 (Street Address) Brooklyn, NY 11218  
 (City, ST ZIP Code)

Clean Fill  Recycled Masonry  Processed Drudge Material (PDM)   
 Kerol  Fill from recycling facilities  Construction Fill  
 Other (Description):  
 Grid Location WC-6  
 Physical Description of Material: Construction Fill

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	25 cubic yards			
<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.

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.

**Transporter's Certification**  
 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 described on the Bill of Lading and that no additional materials were added to this shipment.  
 Driver's Name:   
 Driver's Signature:   
 Date:

**Customer's Certification**  
 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 by SBR for the material to be accepted legal dumping and the appropriate authorities will be notified.  
 Customer's Name:   
 Customer's Signature:   
 Date:

**Generator's Authorized Representative**  
 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: Silvestre Castillo  
 Title: Project Manager  
 Signature: Silvestre Castillo Date: 6/25/13

**Facility Acceptance - Secaucus Brownfields 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 the payment for acceptance without a payment to our process. SBR does not accept the material and it shall constitute illegal dumping at the Malanka Landfill Facility by the Generator and Customer, and all actions shall be reported to the appropriate authorities.  
 Name:   
 Signature:   
 Date: 6/25/13

Truck Name & Number

Shirley #R 12911

Weighed by

*[Handwritten signature]*

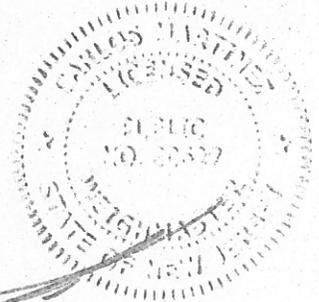
87800 1b GR

25260 1b TR

62540 1b NT

04:21 PM JUN 28 2013

NET 31.27



Driver Signature

*[Handwritten signature]*

Certified Weight By: DT Allen Materials, LLC  
11 Birch Street • Midland Park, NJ 07432  
201-689-9509

12850

Truck Name & Number Napoli #81

Weighed by [Signature] 6/28/13

26.28

79180 1b GR  
26620 1b TR  
52560 1b NT  
11:45 AM JUN 28 2013

3224781

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

3224795

Number

(Name) Fast Development LLC  
(Street Address) 26 Heyward Street  
(City, ST ZIP Code) Brooklyn, NY 11249  
SID No.

DATE OF MATERIAL APPROVAL: 6/25/13  
MATERIAL APPROVAL #: 178

Secaucus Brownfields Redevelopment (SBR), LLC  
Malanka Landfill Facility  
Entrance on West Side Avenue (Jersey City)  
Secaucus, New Jersey  
Tel: (201) 889-9509 Fax: (201) 889-0593

Trucking Company Name	RLS
Name and Number on Truck	RLS # 58
Vehicle Plate No.	AP997P
USDOT #	2097589
Type of Delivery Vehicle: Please check one	Tri-Axial Dump <input type="checkbox"/> Tandem Dump <input type="checkbox"/> Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>

NJEMS PI #: \_\_\_\_\_  
NIDEP Facility ID #: 132247

(Name) Clean Earth, LLC  
(Street Address) 334 South Westminster Street  
(City, ST ZIP Code) Hoboken, PA 19040  
Origin of Fill Material:  
(Location/Source) Fast Development  
1309-1321 38<sup>th</sup> Street  
(Street Address) Brooklyn, NY 11215  
(City, ST ZIP Code)

26.08  
Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)   
 K-solin  Fill from recycling facilities  Construction Fill  
 Other (Description):  
 Grid Location WC-4  
Physical Description of Material: Construction Fill

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	26 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.

**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 NIDEP approved Materials Acceptance Protocol for Malanka Landfill.**

**Transporter's Certification**  
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 stated on this Bill of Lading and that no additional material was added to this shipment.  
Driver's Name: Paul De  
Driver's Signature: [Signature] Date: 7-1-13

**Customer's Certification**  
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) in the amount of the 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: \_\_\_\_\_

**Generator's Authorized Representative**  
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: Silvestre Castillo  
Title: Project Manager  
Signature: Silvestre Castillo Date: 7/1/13

**Facility Acceptance: Secaucus Brownfield Redevelopment, LLC**  
Secaucus Brownfields Redevelopment, LLC agrees to accept the material manifested herein in accordance with the NIDEP approved Materials Acceptance Protocol upon receipt of full payment for acceptance of material. Payment is not required. SBR does not accept the material and it shall be considered illegal dumping at the Malanka Landfill Facility by the Generator and Customer and any action shall be reported to the appropriate authorities.  
Name: Nicole Varano  
Signature: [Signature] Date: 7/1/13

12924

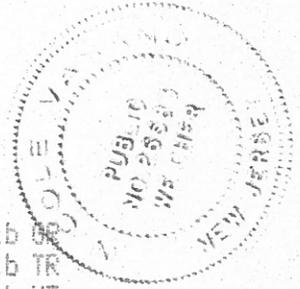
Truck Name & Number

RLS #58

Weighed by

*[Handwritten signature]*

7/1/13



85280 1b OR  
29120 1b TR  
56160 1b NT  
08:19 AM JUL 01 2013

28.08

Driver Signature

*[Handwritten 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

3224796

Number

(Name) Fast Development LLC  
 (Street Address) 26 Heyward Street  
 (City, ST ZIP Code) Brooklyn, NY 11249  
 SID No.

DATE OF MATERIAL APPROVAL: 6/25/13  
 MATERIAL APPROVAL #: 178

Secaucus Brownfields Redevelopment (SBR), LLC  
 Malanka Landfill Facility  
 Entrance on West Side Avenue (Jersey City)  
 Secaucus, New Jersey  
 Tel: (201) 839-8509 Fax: (201) 839-0593

Trucking Company Name	Shirley exp
Name and Number on Truck	Beyama
Vehicle Plate No.	1706213
USDOT #	AN-923-X
Type of Delivery Vehicle: Please check one	Tri-Axial Dump <input checked="" type="checkbox"/> Tandem Dump <input type="checkbox"/> Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>

NJB-15 PI # \_\_\_\_\_

NJDEP Facility ID #: 13247

(Name) Clean Earth, LLC  
 (Street Address) 334 South Westminster Street  
 (City, ST ZIP Code) Hatboro, PA 19040  
 Origin of Fill Material:  
 (Location/Source) Fast Development  
 (Street Address) 1309-1321 38th Street  
 (City, ST ZIP Code) Brooklyn, NY 11218

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)   
 Kern  Fill from recycling facilities  Construction Fill  
 Other (Description):  
 Grid Location WC-4  
 Physical Description of Material: Construction Fill

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	28 cubic yards	28100	Y N	
Grand Total				

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.

**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.**

Transporter's Certification

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 noted on the Bill of Lading and that no additional material was added to the shipment.

Driver's Name: Beyama  
 Driver's Signature: [Signature] Date: 7/1/13

Customer's Certification

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: \_\_\_\_\_

Generator's Authorized Representative

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: Silvestre Castillo  
 Title: Project Manager  
 Signature: [Signature] Date: 7/1/13

Facility Acceptance Secaucus Brownfields Redevelopment, LLC

Secaucus Brownfields Redevelopment, LLC agrees to accept the material manifests herein in accordance with the NJDEP approved Materials Acceptance Protocol upon receipt of full payment for acceptance of material at payment to Malanka. SBR does not accept the material and shall be considered legally dumped at Malanka Landfill Facility by the Generator and Customer, and said action shall be reported to the appropriate authorities.

Name: Nico Varano  
 Signature: [Signature] Date: 7/1/13

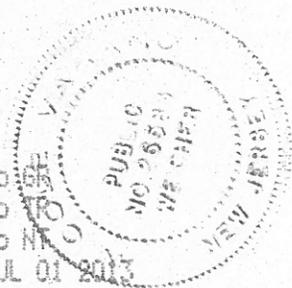
12929

Truck Name & Number

*Shirley Express #30*

Weighed by

*[Signature]* 7/1/13



86160 lb  
29440 lb  
56720 lb

08:57 AM JUL 01 2013

28.36

Driver Signature

*[Signature]*

**Certified Weight By: DT Allen Materials, LLC  
11 Birch Street • Midland Park, NJ 07432  
201-689-9509**

**SECAUCUS BROWNFIELD'S REDEVELOPMENT, LLC**  
**BILL OF LADING**

Number \_\_\_\_\_

**3224797**

(Name) **Fast Development LLC**  
(Street Address) **25 Heyward Street**  
(City, ST ZIP Code) **Brooklyn, NY 11249**  
SID No \_\_\_\_\_

DATE OF MATERIAL APPROVAL: **6/25/13**  
MATERIAL APPROVAL #: **179**

Secaucus Brownfields Redevelopment (SBR), LLC  
Malanka Landfill Facility  
Entrance on West Side Avenue (Jarvis City)  
Secaucus, New Jersey  
Tel: (201) 539-8509 Fax: (201) 539-0593

NJEMS # \_\_\_\_\_  
NJDEP Facility ID #: **132247**

Trucking Company Name	<b>Shirley EXPRESS LLC</b>
Name and Number on Truck	<b>Shirley 02</b>
Vehicle Rate No.	<b>AP161M</b>
USDOT #	<b>17006813</b>
Type of Delivery Vehicle: Please check one	Tri-Axial Dump <input checked="" type="checkbox"/> Tandem Dump <input type="checkbox"/> Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>

(Name) **Clean Earth, LLC**  
(Street Address) **334 South Warminster Street**  
(City, ST ZIP Code) **Metboro, PA 13040**  
Origin of Fill Material:  
(Location/Source) **Fast Development**  
**1309-1321 36<sup>th</sup> Street**  
(Street Address) **Brooklyn, NY 11218**  
(City, ST ZIP Code) \_\_\_\_\_

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)   
 Kaolin  Fill from recycling facilities  Construction Fill   
 Other (Description): \_\_\_\_\_  
 Grid Location: **WC-4**  
Physical Description of Material: **Construction Fill**

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket #	Additional Information
One Truck Load	26 cubic yards		Y R	
<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.

**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.**

**Transporter's Certification**

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 materials were added to this shipment.

Driver's Name: **ANGEL P**  
Driver's Signature: *Angel P* Date: **7-1-13**

**Generator's Authorized Representative**

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: **Silvestre Castillo**  
Title: **Project Manager**  
Signature: *Silvestre Castillo* Date: **7**

**Customer's Certification**

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: \_\_\_\_\_

**Facility Acceptance: 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 Generator, constitutes illegal dumping at the Malanka Landfill Facility by the Generator and Customer and said action shall be reported to the appropriate authorities.

Name: **Nirco Varano**  
Signature: *Nirco Varano* Date: **7/1/13**

12939

Truck Name & Number

*Shirley Express #2*

Weighed by

*[Signature]* 7/1/13

89380 1b  
28820 1b  
60560 1b  
09:22 AM JUL 01 2013



30.28

*[Handwritten 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

3224799

Number

Name: Fast Development LLC  
 25 Heyward Street  
 IL  
 (City, ST ZIP Code) Brooklyn, NY 11249  
 SID No.

DATE OF MATERIAL APPROVAL: 6/25/13  
 MATERIAL APPROVAL #: 178

Secaucus Brownfields Redevelopment (SBR), LLC  
 Malanka Landfill Facility  
 Entrance on West Side Avenue (Jersey City)  
 SECAUCUS, NEW JERSEY  
 Tel. (201) 859-8509 Fax: (201) 859-0593  
 NJDEP #:

Trucking Company Name	Shirley Exp LLC
Name and Number on Truck	05
Vehicle Plate No.	AH 316 H
USDOT #	1706813
Type of Delivery Vehicle: Please check one	Tri-Axle Dump <input type="checkbox"/> Tandem Dump <input type="checkbox"/> Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>

NJDEP Facility ID #: 132247

Name: Clean Earth, LLC  
 334 South Waterman Street  
 (Street Address) Hasboro, PA 19040  
 (City, ST ZIP Code)  
 Origin of Fill Material: Fast Development  
 (Location/Source) 1309-1321 36th Street  
 (Street Address) Brooklyn, NY 11218  
 (City, ST ZIP Code)

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)   
 Asphalt  Fill from recycling facilities  Construction Fill  
 Other (Description):  
 Grid Location  
 Physical Description of Material: Construction Fill

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	25 cubic yards		Y	
Grand Total				

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.

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.

Transporter's Certification

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 stated on the Bill of Lading and that no additional materials added to this shipment.

Driver's Name: Marco Verrone  
 Driver's Signature: [Signature] Date: 7/1/13

Customer's Certification

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. Payment by SBR for the material shall be deemed illegal dumping and the appropriate authorities will be notified.

Customer's Name: \_\_\_\_\_  
 Customer's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Generator's Authorized Representative

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: Silvestre Castillo  
 Title: Project Manager  
 Signature: [Signature] Date: 7/1/13

Facility Acceptance: Secaucus Brownfield Redevelopment, LLC

Secaucus Brownfields Redevelopment, LLC agrees to accept the material manifested herein according to the NJDEP approved Materials Acceptance Protocol upon receipt of full payment for acceptance services. Payment is not required. SBR does not accept the material and shall be considered illegal dumping at the Malanka Landfill Facility by the Generator and Customer and shall be reported to the appropriate authorities.

Name: Nicole Varano  
 Signature: [Signature] Date: 7/1/13

12941

Truck Name & Number

*Sturdy Express #6*

Weighed by

*Paul Van*

*7/1/13*



87660 1b GR

27640 1b TFO

60020 1b NT

09:26 AM JUL 01 2013

30.01 Tons

Driver Signature

*[Handwritten Signature]*

**Certified Weight By: DT Allen Materials, LLC  
11 Birch Street • Midland Park, NJ 07432  
201-689-9509**

SECAUCUS BROWNFIELD'S REDEVELOPMENT, LLC

BILL OF LADING

3224798

Number \_\_\_\_\_

(Name) Fast Development LLC  
 (Street Address) 26 Heyward Street  
 (City, ST ZIP Code) Brooklyn, NY 11245  
 SID No. \_\_\_\_\_

DATE OF MATERIAL APPROVAL: 6/25/13  
 MATERIAL APPROVAL #: 178

Secaucus Brownfields Redevelopment (SBR), LLC  
 Malanka Landfill Facility  
 Entrance on West Side Avenue (Jersey City)  
 SECAUCUS, New Jersey  
 Tel: (201) 689-9509 Fax: (201) 689-9593

Trucking Company Name	Shirley xpress
Name and Number on Truck	#06 - Shirley
Vehicle Plate No.	Am 110 T
USDOT #	1706813
Type of Delivery Vehicle: Resealable <input type="checkbox"/> <input checked="" type="checkbox"/>	Tri-Axial Dump <input checked="" type="checkbox"/> Tandem Dump <input type="checkbox"/> Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>

NJ615 Pl # \_\_\_\_\_  
 NJDEP Facility ID #: 132247

(Name) Clean Earth, LLC  
 (Street Address) 304 South Westminster Street  
 (City, ST ZIP Code) Hightstown, PA 19040  
 Origin of Fill Material: Fast Development  
 (Location/Source) 1309-1321 38th Street  
 (Street Address) Brooklyn, NY 11218  
 (City, ST ZIP Code) \_\_\_\_\_

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)   
 Kerf  Fill from Recycling facilities  Construction Fill  
 Other (Description): \_\_\_\_\_  
 Grid Location WC-4  
 Physical Description of Material: Construction Fill

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	25 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.

**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.**

**Transporter's Certification**  
 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 noted on the Bill of Lading and that no additional materials added to this shipment.  
 Driver's Name: Carlos D.  
 Driver's Signature: [Signature] Date: 7-1-13

**Customer's Certification**  
 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: \_\_\_\_\_

**Generator's Authorized Representative**  
 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: Silvestre Castillo  
 Title: Project Manager  
 Signature: [Signature] Date: 7/1/13

**Facility Acceptance: 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 Malanka Landfill Facility by the Generator and Customer and said action shall be reported to the appropriate authorities.  
 Name: Nicola Vavano  
 Signature: [Signature] Date: 7/1/13

12944

Truck Name & Number

*Shivaly Express #5*

Weighed by

*[Signature]* 7/1/13

91180 16 SR  
26000 16 TR  
65180 16 NT  
09:48 AM JUL 01 2013



32.59

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

3224800

Number

(Name) Fast Development LLC  
 (Street Address) 26 Heyward Street  
 (City, ST ZIP Code) Brooklyn, NY 11249  
 SID No.

DATE OF MATERIAL APPROVAL: 6/25/13  
 MATERIAL APPROVAL #: 178

Secaucus Brownfields Redevelopment (SBR), LLC  
 Malanka Landfill Facility  
 Entrance on West Side Avenue (Jersey City)  
 Secaucus, New Jersey  
 Tel: (201) 659-5809 Fax: (201) 659-0593

Trucking Company Name	R.L.S
Name and Number on Truck	18
Vehicle Plate No.	AN 109E
USDOT #	7093589
Type of Delivery Vehicle:	Tri-Axle Dump <input checked="" type="checkbox"/> Tandem Dump <input type="checkbox"/>
Reuse check one	Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>

NJHSR # \_\_\_\_\_  
 NJDEP Facility ID #: 132247

(Name) Clean Earth, LLC  
 (Street Address) 334 South Westminster Street  
 (City, ST ZIP Code) Hazboro, PA 19040  
 Origin of Fill Material: Fast Development  
 (Location/Source) 1309-1321 36th Street  
 (Street Address) Brooklyn, NY 11218  
 (City, ST ZIP Code) \_\_\_\_\_

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)   
 Asph  Fill from recycling facilities  Construction Fill  
 Other (Description) \_\_\_\_\_  
 Grid Location WC-4  
 Physical Description of Material: Construction Fill

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	25 cubic yards	26	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.

**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.**

Transporter's Certification

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 stated on this Bill of Lading and that no additional material was added to this shipment.

Driver's Name: MAXIMO CESARI  
 Driver's Signature: [Signature] Date: 7-01-13

Customer's Certification

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 disposal 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: \_\_\_\_\_

Generator's Authorized Representative

This is to certify that the above named material is 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: Silvestre Castella  
 Title: Project Manager  
 Signature: [Signature] Date: 7/1/13

Facility Acceptance: Secaucus Brownfields Redevelopment, LLC

Secaucus Brownfields Redevelopment, LLC agrees to accept the contents manifested herein according to the NJDEP approved Materials Acceptance Protocol upon receipt of full payment for acceptance of material. Payment is not required. SBR may not touch the material and shall be considered illegal dumping if the Malanka Landfill Facility by the Generator and Customer and any action shall be reported to the appropriate authorities.

Name: Nicolo Varano  
 Signature: [Signature] Date: 7/1/13

2013

RLS #18

12948

Truck Name & Number

Weighed by

*[Handwritten signature]*

7/1/13



88340 16 50  
27320 16 TR  
61020 16 NT  
09:55 AM JUL 01 2013

30.51

Driver Signature

*[Handwritten 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 \_\_\_\_\_

**3224801**

(Name) East Development LLC  
(Street Address) 26 Heyward Street  
(City, ST ZIP Code) EL Brooklyn, NY 11249  
SED No.:

DATE OF MATERIAL APPROVAL: **6/25/13**  
MATERIAL APPROVAL #: **178**

Secaucus Brownfields Redevelopment (SBR), LLC  
Malanka Landfill Facility  
Entrance on West Side Avenue (Jersey City)  
Secaucus, New Jersey  
Tel: (201) 589-2503 Fax: (201) 589-0593  
NJEMS PI #: \_\_\_\_\_  
NJDEP Facility ID #: 132247

Trucking Company Name	<b>Shawley Express LLC</b>
Name and Number on Truck	<b>#10</b>
Vehicle Plate No.	<b>AP6005</b>
USDOT #	<b>1306813</b>
Type of Delivery vehicle: Rear-end <input type="checkbox"/> Front-end <input type="checkbox"/>	Tri-Axle Dump <input checked="" type="checkbox"/> Tandem Dump <input type="checkbox"/> Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>

(Name) Clean Earth, LLC  
(Street Address) 334 South Warminster Street  
(City, ST ZIP Code) Harbors, Pa 19040  
Origin of Fill Material (Location/Source): East Development  
1309-1321 38<sup>th</sup> Street  
(Street Address) Brooklyn, NY 11218  
(City, ST ZIP Code)

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)   
 Kaolin  Fill from recycling facilities  Construction Fill   
 Other (Description): \_\_\_\_\_  
 Grid Location **WC-4**  
Physical Description of Material: Construction Fill

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	28 cubic yards	<b>28000</b>	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.

**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.**

**Transporter's Certification**  
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 stated on the Bill of Lading and that no additional materials were added to this shipment.  
Driver's Name: Manuel Adrian  
Driver's Signature: [Signature] Date: 7/1/13

**Customer's Certification**  
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: \_\_\_\_\_

**Generator's Authorized Representative**  
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: Silvestre Castillo  
Title: Project Manager  
Signature: Silvestre Castillo Date: 7/1/13

**Facility Acceptance: 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 illegal dumping at the Malanka Landfill Facility by the Generator and Customer and said action shall be reported to the appropriate authorities.  
Name: Nicole Varallo  
Signature: [Signature] Date: 7/4/13

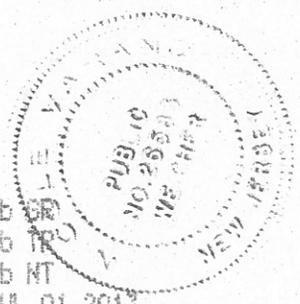
12955

Truck Name & Number

*Shirley Express #10*

Weighed by

*[Signature]* 7/1/13



99380 15 GR  
28800 15 TR  
70580 15 MT  
10:23 AM JUL 01 2013

35.29

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

3224802

Number

(Name) East Development LLC  
 (Street Address) 26 Heyward Street  
 (City, ST ZIP Code) Brooklyn, NY 11249  
 SID No.

DATE OF MATERIAL APPROVAL: 6/25/13  
 MATERIAL APPROVAL #: 178

Secaucus Brownfields Redevelopment (SBR), LLC  
 Malanka Landfill Facility  
 Entrance on West Side Avenue (Jersey City)  
 Secaucus, New Jersey  
 Tel: (201) 539-9509 Fax: (201) 539-0593  
 NJBMS RI # \_\_\_\_\_  
 NJDEP Facility ID #: 132247

Trucking Company Name	Shelley Express LLC
Name and Number on Truck	#16
Vehicle Plate No.	AP160M
USDOT #	1206813
Type of Delivery Vehicle: Please check one	Tri-Axial Dump <input checked="" type="checkbox"/> Tandem Dump <input type="checkbox"/> Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>

(Name) Clean Earth, LLC  
 (Street Address) 304 South Westminster Street  
 (City, ST ZIP Code) Hatboro, PA 19040  
 Origin of Fill Material: Fast Development  
 (Location/Source) 1309-1321 38<sup>th</sup> Street  
 (Street Address) Brooklyn, NY 11218  
 (City, ST ZIP Code)

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)   
 Kaolin  Fill from recycling facilities  Construction Fill  
 Other (Description):  
 Grid Location WC-4  
 Physical Description of Material: Construction Fill

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	25 cubic yards	28000	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.

**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.**

**Transporter's Certification**

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 stated on this Bill of Lading and that no additional material is added to this shipment.

Driver's Name: Yosuanita  
 Driver's Signature: [Signature] Date: 7/1/13

**Customer's Certification**

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 the 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: \_\_\_\_\_

**Generator's Authorized Representative**

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: Silvestre castillo  
 Title: Project Manager  
 Signature: [Signature] Date: 7/1/13

**Facility Acceptance: 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 illegal dumping at the Malanka Landfill Facility by the Generator and Customer and said action shall be reported to the appropriate authorities.

Name: Nicole Varano  
 Signature: [Signature] Date: 7/1/13

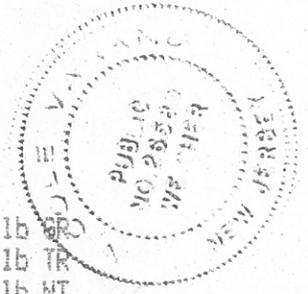
12956

Truck Name & Number

*Shirley Express #16*

Weighed by

*[Signature]* 7/1/13



95700 1b GR  
28380 1b TR  
67320 1b NT  
10:24 AM JUL 01 2013  
33.66

Driver Signature

*[Signature]*

**Certified Weight By: DT Allen Materials, LLC**  
11 Birch Street • Midland Park, NJ 07432  
201-689-9509

**SECURUS BROWNFIELDS REDEVELOPMENT, LLC**  
**BILL OF LADING**

3224803

Number

Name: **Fast Development LLC**  
 (Street Address) **26 Heyward Street**  
 (City, ST ZIP Code) **Brooklyn, NY 11249**  
 SD No. \_\_\_\_\_

DATE OF MATERIAL APPROVAL: **6/25/13**  
 MATERIAL APPROVAL #: **178**

Securus Brownfields Redevelopment (SBR), LLC  
 Malanka Landfill Facility  
 Situated on West Side Avenue (Larson City)  
 Securus, New Jersey  
 Tel: (201) 539-9509 Fax: (201) 539-0597

Trucking Company Name	<b>RLS Transportation</b>
Name and Number on Truck	<b>28</b>
Vehicle Plate No.	<b>AP 207 R</b>
USDOT #	<b>2093599</b>
Type of Delivery Vehicle Please check one	Tri-Axial Dump <input checked="" type="checkbox"/> Tandem Dump <input type="checkbox"/> Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>

NJDEP PI # \_\_\_\_\_  
 NJDEP Facility ID # **13297**

Name: **Clean Earth, LLC**  
 (Street Address) **334 South Westminster Street**  
 (City, ST ZIP Code) **Watson, PA 15090**  
 Origin of Fill Material: **Fast Development**  
 Location/Source: **1309-1321 36<sup>th</sup> Street**  
 (Street Address) **Brooklyn, NY 11218**  
 (City, ST ZIP Code) \_\_\_\_\_

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)   
 Kerol  Fill from recycling facilities  Construction Fill   
 Other (Description): \_\_\_\_\_  
 Grid Location  
 Physical Description of Material: **Construction Fill**

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	<b>27 cubic yards</b>	<b>27,000</b>	<b>N</b>	
<b>Grand Total</b>				

Securus 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.

**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.**

Transporter's Certification

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 stated on this Bill of Lading and that no additional materials added to this shipment.

Driver's Name: **Napoléon Cardona**  
 Driver's Signature: *[Signature]* Date: **7-1-13**

Customer's Certification

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 Securus Brownfields Redevelopment, LLC (SBR) for the acceptance of the material in accordance with the terms and conditions of the agreement between the parties. Further, SBR for the material shall be deemed legal dumping and the appropriate authorities will be notified.

Customer's Name: \_\_\_\_\_  
 Customer's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Generator's Authorized Representative

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: **Silvestro Castillo**  
 Title: **Project Manager**  
 Signature: *[Signature]* Date: **7/1/13**

Facility Acceptance: Securus Brownfields Redevelopment, LLC

Securus 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 at Malanka Landfill Facility. SBR does not accept the material and shall be considered legally dumped at Malanka Landfill Facility by the Generator and Customer and said action shall be reported to the appropriate authorities.

Name: **Nicole Varano**  
 Signature: *[Signature]* Date: **7/1/13**

12957

RLS #28

Truck Name & Number

Weighed by

7/1/13

85900 1b GR  
28060 1b TR  
57840 1b NT  
10:31 AM JUL 01 2013



28.92

Driver Signature

Napoleon Codeur

Certified Weight By: DT Allen Materials, LLC  
11 Birch Street • Midland Park, NJ 07432  
201-689-9509

SECAUCUS BROWNFIELDS REDEVELOPMENT, LLC  
BILL OF LADING

3224804

Number

(Name) Fact Development LLC  
(Street Address) 26 Third Ward Street  
(City, ST ZIP Code) Brooklyn, NY 11249  
SID No.

DATE OF MATERIAL APPROVAL: 6/25/13  
MATERIAL APPROVAL #: 178

Secaucus Brownfields Redevelopment (SBR), LLC  
Malanka Landfill Facility  
Entrance on West State Avenue Jersey City  
Secaucus, New Jersey  
Tel: (201) 689-8508 Fax: (201) 689-0583

Trucking Company Name	RLS
Name and Number on Truck	RLS 58
Vehicle Plate No.	AP992P
USDOT #	2093589
Type of Delivery Vehicle: Rear or front end	Tri-Axial Dump <input checked="" type="checkbox"/> Tandem Dump <input type="checkbox"/> Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>

NJDEP PI # \_\_\_\_\_  
NJDEP Facility ID #: 132247

(Name) Clean Earth, LLC  
(Street Address) 334 South Main Street  
(City, ST ZIP Code) Hazleton, Pa 17830  
Origin of Fill Material:  
(Location/Source) Fast Development  
(Street Address) 1309-1321 38<sup>th</sup> Street  
(City, ST ZIP Code) Brooklyn, NY 11218

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)   
 Kaolin  Fill from recycling facilities  Construction Fill   
 Other (Description):  
 Grid Location WC-4  
Physical Description of Material: Construction Fill

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	28 cubic yards		Y	
Grand Total				

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.

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.

Transporter's Certification

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 materials added to this shipment.

Driver's Name: \_\_\_\_\_  
Driver's Signature: \_\_\_\_\_ Date: 7-1-13

Customer's Certification

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 Material 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: \_\_\_\_\_

Generator's Authorized Representative

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: Silvestre Castillo  
Title: Project Manager  
Signature: Silvestre Castillo Date: 7/1/13

Facility Acceptance: Secaucus Brownfields 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 at Malanka. SBR does not accept the material and it shall be considered illegal dump at Malanka Landfill Facility by the Generator and Customer and said action shall be reported to the appropriate authorities.

Name: Nicole Varano  
Signature: \_\_\_\_\_ Date: 7/1/13

12966

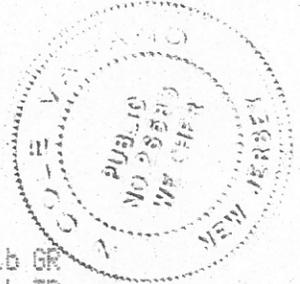
Truck Name & Number

RLS #58

Weighed by

*[Handwritten signature]*

7/1/13



100260 1b GR  
29120 1b TR  
71140 1b NT  
12:29 PM JUL 01 2013

35.57

Driver Signature

*[Handwritten signature]*

**Certified Weight By: DT Allen Materials, LLC**  
11 Birch Street • Midland Park, NJ 07432  
201-689-9509

SECAUCUS BROWNFIELD'S REDEVELOPMENT, LLC

BILL OF LADING

3224805

Number

Name: Fast Development LLC  
 (Street Address): 26 Heyward Street  
 (City, ST ZIP Code): Brooklyn, NY 11249  
 SID No.:

DATE OF MATERIAL APPROVAL: 6/25/13  
 MATERIAL APPROVAL #: 178

Secaucus Brownfields Redevelopment (SBR), LLC  
 Malanka Landfill Facility  
 Entrance on West Side Avenue (Jersey City)  
 Secaucus, New Jersey  
 Tel. (201) 689-9309 Fax (201) 689-0593

Trucking Company Name	Shirley Exp
Name and Number on Truck	Benjamin
Vehicle Rate No.	AN-983-K
USDOT #	170683
Type of Delivery Vehicle: <input type="checkbox"/> Tri-Axial Dump <input type="checkbox"/> Tandem Dump <input type="checkbox"/> Trailer <input type="checkbox"/> Roll-Off	

NJDEP #:

NJDEP Facility ID #: 132247

Name: Clean Earth, LLC  
 (Street Address): 334 South Warminster Street  
 (City, ST ZIP Code): Hatboro, PA 19040  
 Origin of Fill Material: Fast Development  
 (Location/Source): 1309-1321 38<sup>th</sup> Street  
 (Street Address): Brooklyn, NY 11218  
 (City, ST ZIP Code):

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)  
 Kaolin  Fill from recycling facilities  Construction Fill  
 Other (Description):  
 Grid Location WCU  
 Physical Description of Material: Construction Fill

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	25 cubic yards	28160		
<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.

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.

Transporter's Certification

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 noted on the Bill of Lading and that no additional material was added to the shipment.

Driver's Name: Benjamin  
 Driver's Signature: [Signature] Date: 7/1/13

Customer's Certification

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. Penalties for ERM for the material shall be deemed illegal dumping and the appropriate authorities will be notified.

Customer's Name: [Signature]  
 Customer's Signature: [Signature] Date: [Signature]

Generator's Authorized Representative

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: Silvestre Castillo  
 Title: Project Manager  
 Signature: Silvestre Castillo Date: 7/1/13

Facility Acceptance: 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 services. If payment is not received, SBR does not accept the material and shall be considered liable from the date of Malanka Landfill Facility by the Generator and Customer and said action shall be reported to the appropriate authorities.

Name: [Signature]  
 Title: [Signature]  
 Signature: [Signature] Date: 7/1/13

Truck Name & Number

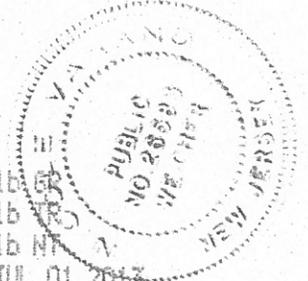
Shirley Express #20

12972

Weighed by

*[Handwritten Signature]*

7/1/13



98700 1b

29440 1b

69260 1b NT

01:19 PM JUL 01 2013

34.63

Driver Signature

*[Handwritten 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

3224806

Number

(Name) **Fast Development LLC**  
 (Street Address) **26 Myerward Street**  
 IL  
 (City, ST ZIP Code) **Brooklyn, NY 11249**  
 SID No.

DATE OF MATERIAL APPROVAL: **6/25/13**

MATERIAL APPROVAL #: **178**

Secaucus Brownfields Redevelopment (SBR), LLC  
 Malanka Landfill Facility  
 Entrance on West Side Avenue (Larjay City)  
 SECAUCUS, New Jersey  
 Tel. (201) 639-8909 Fax: (201) 639-0993

Trucking Company Name: **Shively EXPRESS LLC**  
 Name and Number on Truck: **Shively 03**  
 Vehicle Plate No.: **AP161 M**  
 MOTOR #: **7060813**  
 Type of Delivery Vehicle:  Tri-Axle Dump  Tandem Dump   
 Raiser/structure:  Trailer  Roll-Off

NJEMS #:  
 NJDEP Facility ID #: **132247**

(Name) **Clean Earth, LLC**  
 (Street Address) **334 South Warminster Street**  
 (City, ST ZIP Code) **Hatboro, PA 19040**  
 Origin of Fill Material (Location/Source): **Fast Development**  
**1309-1321 38th Street**  
 (Street Address) **Brooklyn, NY 11218**  
 (City, ST ZIP Code)

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)   
 Kaolin  Fill from recycling facilities  Construction Fill  
 Other (Description):

Grid Location **WC-4**

Physical Description of Material: **Construction Fill**

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	25 cubic yards			
<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.

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.

Transporter's Certification

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 noted on this Bill of Lading and that no additional material was added to this shipment.

Driver's Name: **ANGEL P**  
 Driver's Signature: **AP** Date: **7-1-13**

Customer's Certification

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 Malanka 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: \_\_\_\_\_

Generator's Authorized Representative

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: **Silvestre Castillo**  
 Title: **Project Manager**  
 Signature: **Silvestre Castillo** Date: **7/1/13**

Facility Acceptance Secaucus Brownfields 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 without a payment to not receive. SBR does not accept the material and shall be considered illegal dumped at the Malanka Landfill Facility by the Generator and Customer and said action shall be reported to the appropriate authorities.

Name: **Nicola Vacano**  
 Signature: **Nicola Vacano** Date: **7/1/13**

12969

Truck Name & Number Shiley Express #2  
Weighed by [Signature]

7/1/13



96900 NW BR  
28820 SE TR  
68080 15 ND  
01:06 PM JUL 01 2013

34.04

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

3224807

Number

Name: Fast Development LLC  
 26 Heyward Street  
 (Street Address) LL  
 (City, ST ZIP Code) Brooklyn, NY 11249  
 SID No.:

DATE OF MATERIAL APPROVAL: 6/25/13  
 MATERIAL APPROVAL #: 178

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

Trucking Company Name	Shirley Express
Name and Number on Truck	#06 Shirley
Vehicle Rate No.	Am 110T
USDOT #	1706813
Type of Delivery Vehicle: Please check one	Tri-Axial Dump <input checked="" type="checkbox"/> Tandem Dump <input type="checkbox"/> Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>

NJB'SPI #: \_\_\_\_\_  
 NJDEP Facility ID #: 132247

Name: Clean Earth, LLC  
 334 South Mainminister Street  
 (Street Address) Harboro, PA 19040  
 (City, ST ZIP Code)  
 Origin of Fill Material: Fast Development  
 (Location/Source) 1309-1321 38<sup>th</sup> Street  
 (Street Address) Brooklyn, NY 11218  
 (City, ST ZIP Code)

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)   
 Asphalt  Fill from recycling facilities  Construction Fill  
 Other (Description):  
 Grid Location WC-4  
 Physical Description of Material: Construction Fill

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	25 cubic yards		P 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.

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.

Transporter's Certification

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 noted on this Bill of Lading and that no additional materials added to this shipment.

Driver's Name: Carlos D.  
 Driver's Signature: [Signature] Date: 7-1-13

Customer's Certification

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: \_\_\_\_\_

Generator's Authorized Representative

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: Silvestre Castillo  
 Title: Project Manager  
 Signature: Silvestre Castillo Date: 7/1/13

Facility Acceptance: Secaucus Brownfields 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 into Malanka Landfill Facility by the Generator and Customer and SBR action shall be reported to the appropriate authorities.

Name: Nicole Varano  
 Signature: [Signature] Date: 7/1/13

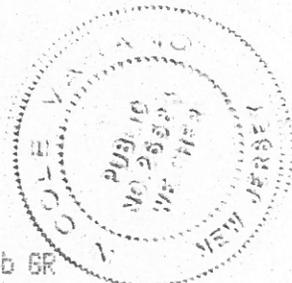
12977

Truck Name & Number

*Shirley Express #6*

Weighed by

*Phil V...* *7/1/13*



95380 1b GR  
27640 1b TR  
67740 1b NT  
01:31 PM JUL 01 2013

33.87 Tons

Driver Signature

*Colas*

**Certified Weight By: DT Allen Materials, LLC  
11 Birch Street • Midland Park, NJ 07432  
201-689-9509**

SECAUCUS BROWNFIELDS REDEVELOPMENT, LLC

BILL OF LADING

3224808

Number

(Name) Fast Development LLC  
 (Street Address) 26 Heyward Street  
 (City, ST ZIP Code) Brooklyn, NY 11249  
 SID No.

DATE OF MATERIAL APPROVAL: 6/25/13  
 MATERIAL APPROVAL #: 178

Secaucus Brownfields Redevelopment (SBR), LLC  
 Malanka Landfill Facility  
 Entrance on West Side Avenue Marley City  
 Secaucus, New Jersey  
 Tel: (201) 889-8568 Fax: (201) 889-0563

Trucking Company Name: Shirley Exp LLC  
 Name and Number on Truck: OS  
 Vehicle Plate No: AN 316 N  
 USDOT #: 170 6813  
 Type of Delivery Vehicle: Tri-Axial Dump  Tandem Dump   
 Please check one: Trailer  Roll-Off

NJEPIS PI #: \_\_\_\_\_  
 NJDEP Facility ID #: 132247

(Name) Clean Earth, LLC  
 (Street Address) 334 South Main Street  
 (City, ST ZIP Code) Haddonfield, PA 19040  
 (Origin of Fill Material) Fast Development  
 (Location/Source) 1309-1321 38th Street  
 (Street Address) Brooklyn, NY 11218  
 (City, ST ZIP Code) \_\_\_\_\_

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)   
 Asphalt  Fill from recycling facilities  Construction Fill   
 Other (Description): \_\_\_\_\_  
 Grid Location WC-  
 Physical Description of Material: Construction Fill

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	25 cubic yards		Y N	
<b>Grand Total</b>		<b>26000</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.

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.

Transporter's Certification

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 stated on the Bill of Lading and that no additional material was added to this shipment.

Driver's Name: Marco Velarde  
 Driver's Signature: [Signature] Date: 7/04/13

Customer's Certification

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 by SBR for the material shall be deemed illegal dumping and the appropriate authorities will be notified.

Customer's Name: \_\_\_\_\_  
 Customer's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Generator's Authorized Representative

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: Silvestre Castillo  
 Title: Project Manager  
 Signature: [Signature] Date: 7/1/13

Facility Acceptance, 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 a suitable certified legal dump site, Malanka Landfill Facility by the Generator and Customer and any action shall be reported to the appropriate authorities.

Name: Nicole Varano  
 Signature: [Signature] Date: 7/1/13

12979

Truck Name & Number

*Spireley Express #5*

Weighed by

*[Signature]* 7/1/13



91560 16 BR  
26000 16 TR  
65560 16 NT

01:47 PM JUL 01 2013

32.78

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**

3224809

Number \_\_\_\_\_

(Name) Fast Development LLC  
(Street Address) 26 Heyward Street  
(City, ST ZIP Code) Brooklyn, NY 11249  
SD No. \_\_\_\_\_

DATE OF MATERIAL APPROVAL: 6/25/13  
MATERIAL APPROVAL #: 178

Secaucus Brownfields Redevelopment (SBR), LLC  
Malanka Landfill Facility  
Entrance on West Side Avenue (Wester City)  
SECAUCUS, New Jersey  
Tel: (201) 659-5509 Fax: (201) 659-0593

2093589

Trucking Company Name	R.L.S
Name and Number on Truck	18
Vehicle Plate No.	AN-109E
USDOT #	2093589
Type of Delivery Vehicle: Please check one	Tri-Axle Dump <input checked="" type="checkbox"/> Tandem Dump <input type="checkbox"/> Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>

NJDEP # \_\_\_\_\_  
NJDEP Facility ID #: 132247

(Name) Clean Earth, LLC  
(Street Address) 334 South Main Street  
(City, ST ZIP Code) Harboro, Pa 15040  
Origin of Fill Material: Fast Development  
(Location/Source) 1309-1321 38<sup>th</sup> Street  
(Street Address) Brooklyn, NY 11218  
(City, ST ZIP Code) \_\_\_\_\_

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)   
 Kaolin  Fill from recycling facilities  Construction Fill   
 Other (Description): \_\_\_\_\_  
 Grid Location WC-  
Physical Description of Material: Construction Fill

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	25 cubic yards	27.	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.

**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.**

**Transporter's Certification**

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 noted on this Bill of Lading and that its delivery is intended to be to this shipment.

Driver's Name: MARIO USAJA  
Driver's Signature: [Signature] Date: 7-1-13

**Customer's Certification**

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: \_\_\_\_\_

**Generator's Authorized Representative**

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: Silvestre Castillo  
Title: Project Manager  
Signature: [Signature] Date: 7/1/13

**Facility Acceptance: 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. Payment is not required. SBR does not accept the material and shall not consider legally dumped at the Malanka Landfill Facility by the Generator and Customer and said action shall be reported to the appropriate authorities.

Name: Nicol Variano  
Signature: [Signature] Date: 7/1/13

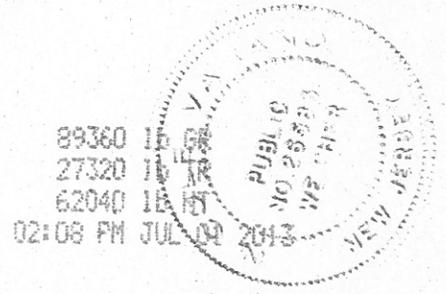
12980

Truck Name & Number

RLS #18

Weighed by

*[Handwritten signature]* 7/1/13



31.02

Driver Signature

*[Handwritten 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

3224810

Number \_\_\_\_\_

(Name) Fast Development LLC  
 (Street Address) 26 Hayward Street  
 (City, ST ZIP Code) Brooklyn, NY 11249  
 SID No. \_\_\_\_\_

DATE OF MATERIAL APPROVAL: 6/25/13  
 MATERIAL APPROVAL #: 178

Secaucus Brownfields Redevelopment (SBR), LLC  
 Malanka Landfill Facility  
 Entrance on West Side Avenue (Jersey City)  
 Secaucus, New Jersey  
 Tel: (201) 639-8909 Fax: (201) 639-0993

Trucking Company Name	Shelley Express LLC
Name and Number on Truck	#10
Vehicle Plate No.	AP 6005
USDOT #	1306813
Type of Delivery Vehicle: Please check one	Tri-Axial Dump <input checked="" type="checkbox"/> Tandem Dump <input type="checkbox"/> Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>

NJEMS PI # \_\_\_\_\_

NJDEP Facility ID #: 132247

(Name) Clean Earth, LLC  
 (Street Address) 334 South Mainwaster Street  
 (City, ST ZIP Code) Hetsoro, PA 19040  
 Origin of Fill Material: Fast Development  
 (Location/Source) 1309-1321 38<sup>th</sup> Street  
 (Street Address) Brooklyn, NY 11218  
 (City, ST ZIP Code) \_\_\_\_\_

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)   
 Kaolin  Fill from recycling facilities  Construction Fill  
 Other (Description): \_\_\_\_\_  
 Grid Location WC4  
 Physical Description of Material: Construction Fill

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	25 cubic yards			
<b>Grand Total</b>		<b>28000</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.

**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.**

**Transporter's Certification**

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 stated on this Bill of Lading and that no additional material was added to this shipment.

Driver's Name: Manuel  
 Driver's Signature: Manuel Date: 7/1/13

**Customer's Certification**

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: \_\_\_\_\_

**Generator's Authorized Representative**

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: Silvestre Castillo  
 Title: Project Manager  
 Signature: Silvestre Castillo Date: 7/1/13

**Facility Acceptance: 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. Payment is not received, SBR does not accept the material and it shall be considered illegal dumping at the Malanka Landfill Facility by the Generator and Customer and said action shall be reported to the appropriate authorities.

Name: Nicole Varano  
 Signature: Nicole Varano Date: 7/1/13

Truck Name & Number Shirley Express #10 12981  
Weighed by [Signature] 7/1/13



92960 1b GP  
28800 1b TR  
64160 1b NT  
02:22 PM JUL 01 2013  
32.08

Driver Signature [Signature]

Certified Weight By: DT Allen Materials, LLC  
11 Birch Street • Midland Park, NJ 07432  
201-689-9509

SECAUCUS BROWNFIELD'S REDEVELOPMENT, LLC

BILL OF LADING

3224811

Number

(Name) Fast Development LLC  
 (Street Address) 26 Heyward Street  
 (City, St ZIP Code) Brooklyn, NY 11249  
 SID No.

DATE OF MATERIAL APPROVAL: 6/25/13  
 MATERIAL APPROVAL #: 178

Secaucus Brownfields Redevelopment (SBR), LLC  
 Malanka Landfill Facility  
 Entrance on West Side Avenue (Jersey City)  
 Secaucus, New Jersey  
 Tel. (201) 889-8509 Fax (201) 889-0583

Trucking Company Name	Shirley Express
Name and Number on Truck	#16
Vehicle Plate No.	AP16011
USDOT #	1906813
Type of Delivery Vehicle: Please check one	Tri-Axial Dump <input type="checkbox"/> Tandem Dump <input type="checkbox"/> Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>

NJEMS PI # \_\_\_\_\_  
 NJDEP Facility ID #: 132247

(Name) Clean Earth, LLC  
 (Street Address) 334 South Main Street  
 (City, St ZIP Code) Hatboro, PA 19040  
 Origin of Fill Material: Fast Development  
 (Location/Source) 1309-1321 36th Street  
 (Street Address) Brooklyn, NY 11218  
 (City, St ZIP Code)

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)   
 Ksofin  Fill from recycling facilities  Construction Fill  
 Other (Description):  
 Grid Location W C 4  
 Physical Description of Material: Construction Fill

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	28 cubic yards	29,000	Y	N/A
<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.

**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.**

Transporter's Certification

Customer's Certification

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 noted on this Bill of Lading and that no additional material was added to this shipment.

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 Material 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.

Driver's Name: YOVANI  
 Driver's Signature: [Signature] Date: 7/1/13

Customer's Name: \_\_\_\_\_  
 Customer's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Generator's Authorized Representative

Facility Acceptance: Secaucus Brownfields Redevelopment, LLC

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.

Secaucus Brownfields Redevelopment, LLC agrees to accept the material manifested herein in accordance with the NJDEP approved Material Acceptance Protocol upon receipt of full payment for acceptance of material if payment is not received. SBR shall not accept the material unless it shall be considered legally dumped at the Malanka Landfill Facility by the Generator and Customer and said action shall be reported to the appropriate authorities.

Name: Silvestre Castillo  
 Title: Project Manager  
 Signature: Silvestre Castillo Date: 7/1/13

Name: Nicole Varano  
 Signature: [Signature] Date: 7/1/13

12982

Truck Name & Number

*Shield Express #16*

Weighed by

*[Signature]* 7/1/13



91860 12982  
28380 16 NT  
63400 16 NT  
02:24 PM JUL 01 2013

31.74

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**

3224812

Number \_\_\_\_\_

(Name) Fast Development LLC  
 (Street Address) 26 Heyward Street  
 (City, ST, ZIP Code) Brooklyn, NY 11249  
 SID No. \_\_\_\_\_

DATE OF MATERIAL APPROVAL: 6/25/13  
 MATERIAL APPROVAL #: 178

Secaucus Brownfields Redevelopment (SBR), LLC  
 Malanka Landfill Facility  
 Entrance on West Side Avenue (Jersey City)  
 Secaucus, New Jersey  
 Tel: (201) 659-9909 Fax: (201) 659-0593

Trucking Company Name	DLS Transport, Inc.
Name and Number on Truck	28
Vehicle Plate No.	AP 207 R
USDOT #	2983989
Type of Delivery Vehicle: Please check one	Tri-Axle Dump <input checked="" type="checkbox"/> Tandem Dump <input type="checkbox"/> Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>

NJMSPI #: \_\_\_\_\_  
 NJDEP Facility ID #: 132247

(Name) Clean Earth, LLC  
 (Street Address) 334 South Westminster Street  
 (City, ST, ZIP Code) Haddon, PA 19040  
 Origin of Fill Material (Location/Source) Fast Development  
 (Street Address) 1309-1321 38<sup>th</sup> Street  
 (City, ST, ZIP Code) Brooklyn, NY 11218

Clean Fill  Recycled Masonry  Processed Sledge Material (PDM)  
 Rapor  Fill from recycling facilities  Construction Fill  
 Other (Description): \_\_\_\_\_  
 Grid Location WC-4  
 Physical Description of Material: Construction Fill

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	25 cubic yards	21,060		
<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 materials 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.**

**Transporter's Certification**

**Customer's Certification**

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 shown on this Bill of Lading and that no additional material was added to this shipment.

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.

Driver's Name: Danteon Colleen  
 Driver's Signature: [Signature] Date: 7-1-13

Customer's Name: \_\_\_\_\_  
 Customer's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Generator's Authorized Representative**

**Facility Acceptance: Secaucus Brownfield Redevelopment, LLC**

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.

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 shall be considered legally dumped at Malanka Landfill facility by the Generator and Customer and such action shall be reported to the appropriate authorities.

Name: Silvestre Castillo  
 Title: Project Manager  
 Signature: [Signature] Date: 7/1/13

Name: [Signature]  
 Signature: [Signature] Date: 7-1-13

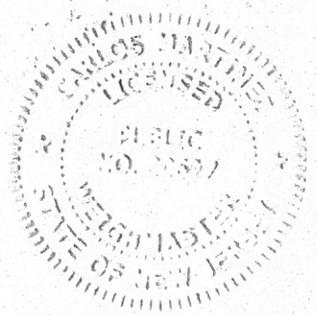
RLSA.28

12984

Truck Name & Number  
Weighed by

83360 1b GR  
28060 1b TR  
55300 1b NT  
02:57 PM JUL 01 2013

27:65



Driver Signature

*[Handwritten Signature]*

Napoléon Codrea

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 \_\_\_\_\_

3241713

**GENERATOR NAME AND ADDRESS**

Third Party Review Engineer: Galf Engineering, P.C.

[Name] Fast Development LLC  
 [Street Address] 26 Heyward Street  
 [City, ST ZIP Code] 1L Brooklyn, NY 11249  
 SID No.:

DATE OF MATERIAL APPROVAL: JUNE 25, 2013

MATERIAL APPROVAL #: 178

**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

Trucking Company Name	RLS
Name and Number on Truck	RLS 58
Vehicle Plate No.	AP993P
USDOT #	2093589
Type of Delivery Vehicle: <i>Please check one</i>	Tri-Axle Dump <input type="checkbox"/> Tandem Dump <input type="checkbox"/> Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>

NJEMS PI #: \_\_\_\_\_  
 NJDEP Facility ID #: 132247

**CUSTOMER NAME**

**MATERIAL**

[Name] Clean Earth, LLC  
 [Street Address] 334 South Warrminster Street  
 [City, ST ZIP Code] Haboro, PA 19040  
 Origin of Fill Material:  
 (Location/Source) Fast Development  
 [Street Address] 1309-1321 38<sup>th</sup> Street  
 [City, ST ZIP Code] Brooklyn, NY 11218

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)  
 Kaolin  Fill from recycling facilities  Construction Fill  
 Other (Description):  
 Grid Location W04  
 Physical Description of Material: Construction Fill

**ADDITIONAL INFORMATION**

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	16 cubic yards	27,000	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.

**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.**

**Transporter's Certification**

**Customer's Certification**

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.

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.

Driver's Name: Paul Lee  
 Driver's Signature: [Signature] Date: 7-2-13

Customer's Name: \_\_\_\_\_  
 Customer's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Generator's Authorized Representative**

**Facility Acceptance: Secaucus Brownfield Redevelopment, LLC**

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.

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: Silvestre Castillo  
 Title: Project Manager  
 Signature: [Signature] Date: 7/2/13

Name: Nicole Varano  
 Signature: [Signature] Date: 7/2/13

13025

Truck Name & Number

RLS #58

Weighed by

*[Handwritten signature]* 7/2/13



102420 1b SP  
29120 1b TR  
73300 1b NT  
10:52 AM JUL 02 2013

36.65

Driver Signature

*[Handwritten 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 \_\_\_\_\_

3241714

**GENERATOR NAME AND ADDRESS**

Third Party Review Engineer: Galk Engineering, P.C.

(Name) Fast Development LLC  
 (Street Address) 25 Heyward Street  
 (City, ST ZIP Code) IL Brooklyn, NY 11249  
 SID No.:

DATE OF MATERIAL APPROVAL: JUNE 25, 2013  
 MATERIAL APPROVAL #: 178

**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

Trucking Company Name	Jencar Trucking
Name and Number on Truck	Jencar # 68
Vehicle Rate No.	AP 812AN
USDOT #	00943037
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"/>

NJEMSP #: \_\_\_\_\_  
 NJDEP Facility ID #: 132247

**CUSTOMER NAME**

**MATERIAL**

(Name) Clean Earth, LLC  
 (Street Address) 334 South Warminster Street  
 (City, ST ZIP Code) Harboro, PA 19040  
 Origin of Fill Material:  
 (Location/Source) Fast Development  
 (Street Address) 1309-1321 38<sup>th</sup> Street  
 (City, ST ZIP Code) Brooklyn, NY 11218

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)   
 Kaolin  Fill from recycling facilities  Construction Fill   
 Other (Description): \_\_\_\_\_  
 Grid Location WC4  
 Physical Description of Material: Construction Fill

**ADDITIONAL INFORMATION**

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	16 cubic yards	28,000	Y N	
Grand Total				

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.

**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.**

**Transporter's Certification**

**Customer's Certification**

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 the Bill of Lading and that no additional material was added to this shipment.

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.

Drivers Name: Andres Areiza  
 Driver's Signature: [Signature] Date: July 2<sup>nd</sup> / 13

Customer's Name: \_\_\_\_\_  
 Customer's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Generator's Authorized Representative**

**Facility Acceptance, Secaucus Brownfield Redevelopment, LLC**

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.

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: Silvestre Castillo  
 Title: Project Manager  
 Signature: [Signature] Date: 7/2/13

Name: Nicole Varano  
 Signature: [Signature] Date: 7/2/13

RLSA #28

12984

Truck Name & Number

Weighed by

83360 1b GR  
28060 1b TR  
55300 1b NT  
02:57 PM JUL 01 2013

27.65



Driver Signature

*Napoleon Codrea*

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 \_\_\_\_\_

3241715

**GENERATOR NAME AND ADDRESS**

Third Party Review Engineer: Gall Engineering, P.C.

[Name] Fast Development LLC  
[Street Address] 26 Heyward Street  
[City, ST ZIP Code] 1L  
Brooklyn, NY 11249

DATE OF MATERIAL APPROVAL: JUNE 25, 2013

MATERIAL APPROVAL #: 175

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

Trucking Company Name	JGN CAR
Name and Number on Truck	#70 AP 552R
Vehicle Plate No.	AP 552R
USDOT #	00943037
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"/>

NJEMS PI #:

NJDEP Facility ID #: 132247

**CUSTOMER NAME**

**MATERIAL**

[Name] Clean Earth, LLC  
[Street Address] 334 South Warminster Street  
[City, ST ZIP Code] Hatboro, PA 19040

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)  
 Kaofin  Fill from recycling facilities  Construction Fill  
 Other (Description):

Origin of Fill Material:  
(Location/Source) Fast Development  
[Street Address] 1309-1321 38<sup>th</sup> Street  
[City, ST ZIP Code] Brooklyn, NY 11218

Grid Location W C 4

Physical Description of Material: Construction Fill

**ADDITIONAL INFORMATION**

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	16 cubic yards	27500	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.

**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.**

**Transporter's Certification**

**Customer's Certification**

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 the Bill of Lading and that no additional material was added to this shipment.

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.

Driver's Name: Adelberto H.  
Driver's Signature: [Signature] Date: 7-2-13

Customer's Name: \_\_\_\_\_  
Customer's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Generator's Authorized Representative**

**Facility Acceptance: Secaucus Brownfield Redevelopment, LLC**

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.

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: Silvestre castillo  
Title: Project Manager  
Signature: [Signature] Date: 7/2/13

Name: Nicole Varano  
Signature: [Signature] Date: 7/2/13

Truck Name & Number Jencar #68 13036  
Weighed by [Signature] 7/2/13



102840 1b GR  
29040 1b TR  
73800 1b NT  
11:28 AM JUL 02 2013

36.90

Driver Signature [Signature] 36.90  
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 \_\_\_\_\_

**3241716**

**GENERATOR NAME AND ADDRESS**

Third Party Review Engineer: **Gall Engineering, P.C.**

(Name) **Fast Development LLC**  
 (Street Address) **26 Heyward Street**  
 (City, ST ZIP Code) **Brooklyn, NY 11249**

**DATE OF MATERIAL APPROVAL: JUNE 25, 2013**

**MATERIAL APPROVAL #: 178**

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) 889-9609 Fax (201) 889-0593

Trucking Company Name	<b>Shirley Express</b>
Name and Number on Truck	<b>R25 # 38</b>
Vehicle Plate No.	<b>AN397Z</b>
USDOT #	<b>2093589</b>
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"/>

NJEMSP #: \_\_\_\_\_

NJDEP Facility ID #: 132247

**CUSTOMER NAME**

**MATERIAL**

(Name) **Clean Earth, LLC**  
 (Street Address) **334 South Wernimster Street**  
 (City, ST ZIP Code) **Habors, PA 19040**

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)  
 Kaofn  Fill from recycling facilities  Construction Fill  
 Other (Description): \_\_\_\_\_

Origin of Fill Material: **Fast Development**  
 (Location/Source) **1309-1321 38<sup>th</sup> Street**  
 (Street Address) **Brooklyn, NY 11218**

Grid Location **WC4**

Physical Description of Material: **Construction Fill**

(City, ST ZIP Code)

**ADDITIONAL INFORMATION**

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	16 cubic yards	<b>29500</b>	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.

**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.**

**Transporter's Certification**

**Customer's Certification**

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 the Bill of Lading and that no additional material was added to this shipment.

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.

Drivers Name: **SAIRO**  
 Driver's Signature: \_\_\_\_\_ Date: **07/02/13**

Customer's Name \_\_\_\_\_  
 Customer's Signature \_\_\_\_\_ Date \_\_\_\_\_

**Generator's Authorized Representative**

**Facility Acceptance: Secaucus Brownfield Redevelopment, LLC**

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.

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: **Silvestre Castillo**  
 Title: **Project Manager**  
 Signature: **Silvestre Castillo** Date: **7/2/13**

Name: **Nicole Varano**  
 Signature: \_\_\_\_\_ Date: **7/2/13**

Truck # 70-13037

Truck Name & Number

Weighed by

*Paul Va* 7/2/13

99720 16 BR  
29540 16 TR  
70180 16 NT  
11:34 AM JUL 02 2013



35.09

31.41  
00 x  
29 x 9

Driver Signature

*[Signature]*

35.09

Certified Weight By: DT Allen Materials, LLC  
11 Birch Street • Midland Park, NJ 07432  
201-689-9509

**BILL OF LADING**

NUMBER

**GENERATOR NAME AND ADDRESS**

Third Party Review Engineer: Gall Engineering, P.C.

(Name) Fast Development LLC  
 (Street Address) 26 Heyward Street  
 (City, ST ZIP Code) Brooklyn, NY 11249  
 SID No.:

DATE OF MATERIAL APPROVAL: JUNE 25, 2013 **3241700**  
 MATERIAL APPROVAL #: 178

**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) 889-9509 Fax (201) 889-0593

Trucking Company Name	Na Pullyo 8
Name and Number on Truck	08
Vehicle Plate No.	APH51N
USDOT #	2282108
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"/>

NJEMS PI #:  
 NJDEP Facility ID #: 132247

**CUSTOMER NAME**

**MATERIAL**

(Name) Clean Earth, LLC  
 (Street Address) 334 South Warminster Street  
 (City, ST ZIP Code) Hatboro, PA 19040

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)  
 Kaolin  Fill from recycling facilities  Construction Fill  
 Other (Description):

Origin of Fill Material:  
 (Location/Source) Fast Development  
 (Street Address) 1309-1321 38<sup>th</sup> Street  
 (City, ST ZIP Code) Brooklyn, NY 11218

Grid Location **WCY**  
 Physical Description of Material: Construction Fill

Time in - 7 AM  
 Time out - 8:30 AM  
 SC HTR

**ADDITIONAL INFORMATION**

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	16 cubic yards	27,200	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.

**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.**

**Transporter's Certification**

**Customer's Certification**

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Driver's Name: Marco Murolo  
 Driver's Signature: [Signature] Date: 07-02-13

Customer's Name: \_\_\_\_\_  
 Customer's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Generator's Authorized Representative**

**Facility Acceptance: Secaucus Brownfield Redevelopment, LLC**

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.

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: Silvestre Castillo  
 Title: Project Manager  
 Signature: [Signature] Date: 7/2/13

Name: Nicole Varano  
 Signature: [Signature] Date: 7/2/13

Secaucus Brownfields Redevelopment (SBR), LLC - 11 Birch Street, Midland Park, NJ 07402 (201) 889-9509 White and Yellow - SBR, Pink - Customer, Green - Generator

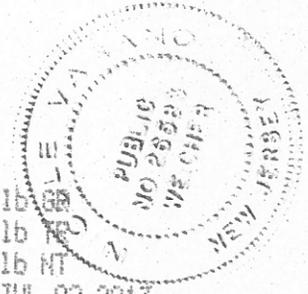
13041

Truck Name & Number

RLS #38

Weighed by

*[Handwritten signature]* 7/2/13



97260 1b GP  
29880 1b TPO  
67380 1b NT  
12:10 PM JUL 02 2013

33.69

Driver Signature

*[Handwritten 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 \_\_\_\_\_

**3241710**

**GENERATOR NAME AND ADDRESS**

Third Party Review Engineer: Galk Engineering, P.C.

[Name] Fast Development LLC  
[Street Address] 26 Heyward Street  
[City, ST ZIP Code] Brooklyn, NY 11249

DATE OF MATERIAL APPROVAL: JUNE 25, 2013

MATERIAL APPROVAL #: 176

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) 889-9609 Fax (201) 889-0593

Trucking Company Name	<i>C.F. BROSS</i>
Name and Number on Truck	<i>C.F. BROSS</i>
Vehicle Plate No.	<i>AL 312C</i>
USDOT #	<i>01208218</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"/>

NJEMS PI #: \_\_\_\_\_

NJDEP Facility ID #: 132247

**CUSTOMER NAME**

**MATERIAL**

[Name] Clean Earth, LLC  
[Street Address] 334 South Warminster Street  
[City, ST ZIP Code] Halboro, PA 19040

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)   
 Kaofn  Fill from recycling facilities  Construction Fill   
 Other (Description): \_\_\_\_\_

Origin of Fill Material: Fast Development  
(Location/Source) 1309-1321 38<sup>th</sup> Street  
[Street Address] Brooklyn, NY 11218

Grid Location *WCU*

Physical Description of Material: Construction Fill

[City, ST ZIP Code] \_\_\_\_\_

**ADDITIONAL INFORMATION**

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	16 cubic yards		<i>N</i>	
<b>Grand Total</b>		<i>26,800</i>		

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**Transporter's Certification**

**Customer's Certification**

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Driver's Name: *PIEDIN*  
Driver's Signature: \_\_\_\_\_ Date: *7/2/13*

Customer's Name: \_\_\_\_\_  
Customer's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Generator's Authorized Representative**

**Facility Acceptance: Secaucus Brownfield Redevelopment, LLC**

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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: *Silvestre Castillo*  
Title: *Project Manager*  
Signature: *Silvestre Castillo* Date: *7/2/13*

Name: *Nicole Varano*  
Signature: \_\_\_\_\_ Date: *7/2/13*

13008

Truck Name & Number

*Nipoli #8*

Weighed by

*[Signature]*

*7/2/13*



97680 1b  
26460 1b  
71220 1b

08:41 AM JUL 02 2013

*3561*

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 \_\_\_\_\_

3241711

**GENERATOR NAME AND ADDRESS**

Third Party Review Engineer: Gall Engineering, P.C.

(Name) Fast Development LLC  
(Street Address) 26 Heyward Street  
(City, ST ZIP Code) 1L  
Brooklyn, NY 11249

DATE OF MATERIAL APPROVAL: JUNE 25, 2013

MATERIAL APPROVAL #: 178

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) 889-9509 Fax (201) 889-0593

Trucking Company Name	NICKABELLAS
Name and Number on Truck	NICKABELLAS 32
Vehicle Plate No.	AP619D
USDOT #	2036648
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"/>

NJEMS PI #:

NJDEP Facility ID #: 132247

**CUSTOMER NAME**

**MATERIAL**

(Name) Clean Earth, LLC  
(Street Address) 334 South Warminster Street  
(City, ST ZIP Code) Haboro, PA 19040  
Origin of Fill Material:  
(Location/Source) Fast Development  
(Street Address) 1309-1321 38<sup>th</sup> Street  
(City, ST ZIP Code) Brooklyn, NY 11218

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)  
 Kaofin  Fill from recycling facilities  Construction Fill  
 Other (Description):  
 Grid Location WCU  
Physical Description of Material: Construction Fill

**ADDITIONAL INFORMATION**

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	16 cubic yards	27,000	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.

**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.**

**Transporter's Certification**

**Customer's Certification**

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.

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 Malanka 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.

Driver's Name: Waldo Serrano  
Driver's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Customer's Name: \_\_\_\_\_  
Customer's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Generator's Authorized Representative**

**Facility Acceptance: Secaucus Brownfield Redevelopment, LLC**

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.

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: Silvestre Castillo  
Title: Project Manager  
Signature: Silvestre Castillo Date: 7/2/13

Name: Nicole Varano  
Signature: \_\_\_\_\_ Date: 7/2/13

13013

Truck Name & Number

C.F. Brothers #10

Weighed by

*[Handwritten signature]* 7/2/13



99160 1b GR  
30200 1b TR  
68960 1b NT  
09:20 AM JUL 02 2013

34.48

*[Handwritten 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 \_\_\_\_\_

3241712

**GENERATOR NAME AND ADDRESS**

Third Party Review Engineer: Galt Engineering, P.C.

(Name) Fast Development LLC  
(Street Address) 26 Heyward Street  
(City, ST ZIP Code) IL  
Brooklyn, NY 11249  
SID No.:

DATE OF MATERIAL APPROVAL: JUNE 25, 2013  
MATERIAL APPROVAL #: 178

**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) 889-9509 Fax (201) 889-0593

Trucking Company Name	Napol
Name and Number on Truck	Truck # 1
Vehicle Rate No:	AN754W
USDOT #	2282108
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"/>

NJEMS PI #: \_\_\_\_\_  
NJDEP Facility ID #: 132247

**CUSTOMER NAME**

**MATERIAL**

(Name) Clean Earth, LLC  
(Street Address) 334 South Warminster Street  
(City, ST ZIP Code) Hatboro, PA 19040  
Origin of Fill Material:  
(Location/Source) Fast Development  
(Street Address) 1309-1321 38<sup>th</sup> Street  
(City, ST ZIP Code) Brooklyn, NY 11218

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)  
 Kaolin  Fill from recycling facilities  Construction Fill  
 Other (Description):  
 Grid Location W C 4  
Physical Description of Material: Construction Fill

**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 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.

**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.**

Transporter's Certification

Customer's Certification

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.

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 the 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.

Driver's Name: J. ARTAS  
Driver's Signature: [Signature] Date: 7/2/13

Customer's Name: \_\_\_\_\_  
Customer's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Generator's Authorized Representative

Facility Acceptance: Secaucus Brownfield Redevelopment, LLC

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.

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: Silvestre Castillo  
Title: Project Manager  
Signature: [Signature] Date: 7/2/13

Name: Miguel Varano  
Signature: [Signature] Date: 7/2/13

Truck Name & Number

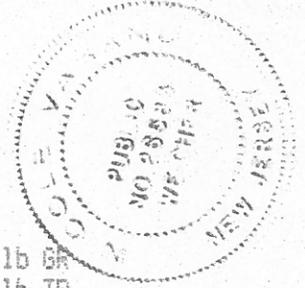
Nickapellas #32

13015

Weighed by

*[Handwritten Signature]*

7/2/13



85400 1b GR

27000 1b TR

58400 1b NT

09:50 AM JUL 02 2013

29,20

Driver Signature

*[Handwritten 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 \_\_\_\_\_

3241717

<b>GENERATOR NAME AND ADDRESS</b>		<b>Third Party Review Engineer:</b> Gaff Engineering, P.C.
(Name)	Fast Development LLC	<b>DATE OF MATERIAL APPROVAL:</b> JUNE 25, 2013
(Street Address)	26 Heyward Street	
(City, ST ZIP Code)	Brooklyn, NY 11249	<b>MATERIAL APPROVAL #:</b> 17B
(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) 889-9509 Fax (201) 889-0593	<table border="1"> <tr> <td>Trucking Company Name</td> <td>CF BROSS</td> </tr> <tr> <td>Name and Number on Truck</td> <td>09</td> </tr> <tr> <td>Vehicle Rate No.</td> <td>AM6564</td> </tr> <tr> <td>USDOT #</td> <td>01207218</td> </tr> <tr> <td>Type of Delivery Vehicle: <i>Please check one</i></td> <td>Tri-Axle Dump <input type="checkbox"/> Tandem Dump <input type="checkbox"/> Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/></td> </tr> </table>	Trucking Company Name	CF BROSS	Name and Number on Truck	09	Vehicle Rate No.	AM6564	USDOT #	01207218	Type of Delivery Vehicle: <i>Please check one</i>	Tri-Axle Dump <input type="checkbox"/> Tandem Dump <input type="checkbox"/> Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>
Trucking Company Name	CF BROSS										
Name and Number on Truck	09										
Vehicle Rate No.	AM6564										
USDOT #	01207218										
Type of Delivery Vehicle: <i>Please check one</i>	Tri-Axle Dump <input type="checkbox"/> Tandem Dump <input type="checkbox"/> Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>										
NJEMS PI #:											
NJDEP Facility ID #: 132247											

<b>CUSTOMER NAME</b>	<b>MATERIAL</b>
(Name)	Clean Earth, LLC
(Street Address)	334 South Warminster Street Halboro, PA 19040
(City, ST ZIP Code)	
Origin of Fill Material: (Location/Source)	Fast Development 1309-1321 38 <sup>th</sup> Street Brooklyn, NY 11218
(Street Address)	
(City, ST ZIP Code)	
	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 checked="" type="checkbox"/> Construction Fill <input type="checkbox"/> Other (Description): <input checked="" type="checkbox"/> Grid Location <b>WC#5</b> Physical Description of Material: Construction Fill

ADDITIONAL INFORMATION				
Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	16 cubic yards	28500	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.

**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>	<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.	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 the 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.
Driver's Name: <u>Mores Polos</u>	Customer's Name: _____
Driver's Signature: <u>MP</u> Date: <u>7/2/13</u>	Customer's Signature: _____ Date: _____

<b>Generator's Authorized Representative</b>	<b>Facility Acceptance:</b> Secaucus Brownfields Redevelopment, LLC
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.	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>Silvestre Castillo</u>	Name: <u>Nicole Varano</u>
Title: <u>Project Manager</u>	Signature: _____ Date: <u>7/2/13</u>
Signature: <u>Silvestre Castillo</u> Date: <u>7/2/13</u>	

CF

13016

Truck Name & Number

*Napoli #81*

Weighed by

*[Signature]* 7/2/13



88580 1b TR

26620 1b TR

61960 1b NT

09:52 AM JUL 02 2013

30,98

13016

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 \_\_\_\_\_

3241710

**GENERATOR NAME AND ADDRESS:**

[Name] Fast Development LLC  
 [Street Address] 26 Heyward Street  
 [City, ST ZIP Code] IL, Brooklyn, NY 11249

SID No.:

Third Party Review Engineer: Galt Engineering, P.C.

DATE OF MATERIAL APPROVAL: JUNE 25, 2013

MATERIAL APPROVAL #: 178

**MATERIAL BEING SHIPPED TO:**

Secaucus Brownfields Redevelopment (SBR), LLC  
 Malanka Landfill Facility  
 Entrance on West Side Avenue (Jersey City)  
 Secaucus, New Jersey  
 Tel. (201) 889-9509 Fax (201) 889-0593

NJEMS PI #:

NJDEP Facility ID #: 132247

**TRANSPORTER'S INFORMATION:**

Trucking Company Name: MICKADELL'S  
 Name and Number on Truck: 32  
 Vehicle Plate No: AP619D  
 USDOT #: 2036618  
 Type of Delivery Vehicle: Tri-Axel Dump  Tandem Dump   
 Trailer  Roll-Off

**CUSTOMER NAME:**

[Name] Clean Earth, LLC  
 [Street Address] 334 South Warminster Street  
 [City, ST ZIP Code] Hatboro, PA 19040

Origin of Fill Material: Fast Development  
 [Location/Source] 1309-1321 38<sup>th</sup> Street  
 [Street Address] Brooklyn, NY 11218  
 [City, ST ZIP Code]

**MATERIAL:**

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)   
 Kaolin  Fill from recycling facilities  Construction Fill   
 Other (Description):  
 Grid Location: WC#5  
 Physical Description of Material: Construction Fill

ADDITIONAL INFORMATION				
Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	16 cubic yards	27,000	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.

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**Transporter's Certification**

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.

Driver's Name: HUGO BERNARDI  
 Driver's Signature: [Signature] Date: 7/2/13

**Customer's Certification**

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 Malanka Acceptance Protocol and Customer agrees to pay Secaucus Brownfields Redevelopment, LLC (SBR) for the acceptance of the 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: \_\_\_\_\_

**Generator's Authorized Representative**

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: Silvestre Castillo  
 Title: Project Manager  
 Signature: [Signature] Date: 7/2/13

**Facility Acceptance: Secaucus Brownfield Redevelopment, LLC**

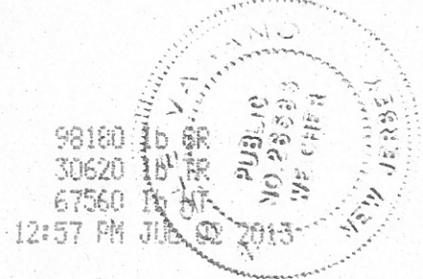
Secaucus Brownfields Redevelopment, LLC agrees to accept the material manifested herein in accordance with the NJDEP approved Malanka Acceptance Protocol, upon receipt of full payment for acceptance of material. If payment is not received, SBR does not accept the material and it shall be considered illegally dumped at the Malanka Landfill Facility by the Generator and Customer and said action shall be reported to the appropriate authorities.

Name: Nicob Varano  
 Signature: [Signature] Date: 7/2/13

13051

Truck Name & Number C.F. Brothers #9

Weighed by [Signature] 7/2/13



33.78

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 \_\_\_\_\_

3241718

<b>GENERATOR NAME AND ADDRESS:</b>		<b>Third Party Review Engineer:</b> Gaff Engineering, P.C.
(Name) Fast Development LLC		<b>DATE OF MATERIAL APPROVAL:</b> JUNE 25, 2013
(Street Address) 26 Heywa Street		<b>MATERIAL APPROVAL #:</b> 17B
(City, ST ZIP Code) IL Brooklyn, NY 11249		
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) 889-9509 Fax (201) 889-0593	Trucking Company Name: <u>Napoli</u>
NJEMS PI #:	Name and Number on Truck: <u>#1</u>
NJDEP Facility ID #: 132247	Vehicle Plate No: <u>ANJ 754W</u>
	USDOT #: <u>2282109</u>
	Type of Delivery Vehicle: 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) Clean Earth, LLC	Clean Fill <input type="checkbox"/> Recycled Masonry <input type="checkbox"/> Processed Dredge Material (PDM) <input type="checkbox"/>
(Street Address) 334 South Warminster Street	<input type="checkbox"/> Kaofin <input type="checkbox"/> Fill from recycling facilities <input checked="" type="checkbox"/> Construction Fill
(City, ST ZIP Code) Hatboro, PA 19040	<input type="checkbox"/> Other (Description):
Origin of Fill Material: Fast Development	<input checked="" type="checkbox"/> Grid Location <u>WC #5</u>
(Location/Source) 1309-1321 38 <sup>th</sup> Street	Physical Description of Material: Construction Fill
(Street Address) Brooklyn, NY 11218	
(City, ST ZIP Code)	

ADDITIONAL INFORMATION				
Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	16 cubic yards	27,000	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 all 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.

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<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.	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 the 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.
Driver's Name: <u>J. ARTAS</u>	Customer's Name: _____
Driver's Signature: <u>[Signature]</u> Date: <u>7/2/13</u>	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.	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>Silvestre Castillo</u>	Name: <u>Nicole Varano</u>
Title: <u>Project Manager</u>	Signature: <u>[Signature]</u> Date: <u>7/2/13</u>
Signature: <u>[Signature]</u> Date: <u>7/2/13</u>	

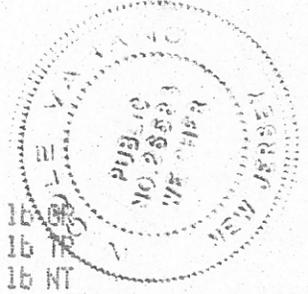
13057

Truck Name & Number

*Nickabell's #32*

Weighed by

*[Signature]* 7/2/13



93320 16  
27000 16  
66320 16 NT

3316.

02:11 PM JUL 02 2013

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 \_\_\_\_\_

3241720

**GENERATOR NAME AND ADDRESS**  
[Name] Fast Development LLC  
[Street Address] 26 Heyward Street  
[City, ST ZIP Code] Brooklyn, NY 11249  
SID No.:

Third Party Review Engineer: Graft Engineering, P.C.  
**DATE OF MATERIAL APPROVAL:** JUNE 25, 2013  
**MATERIAL APPROVAL #:** 17B

**MATERIAL BEING SHIPPED TO**  
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

**TRANSPORTER'S INFORMATION**

Trucking Company Name	NICKABELLAS
Name and Number on Truck	NICK 5
Vehicle Plate No.	AP 953P
USDOT #	2036643
Type of Delivery Vehicle: <i>Please check one</i>	Tri-Axle Dump <input type="checkbox"/> Tandem Dump <input type="checkbox"/> Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>

**CUSTOMER NAME**  
[Name] Clean Earth, LLC  
[Street Address] 334 South Warrinster Street  
[City, ST ZIP Code] Halboro, PA 19040  
Origin of Fill Material:  
(Location/Source) Fast Development  
[Street Address] 1309-1321 38<sup>th</sup> Street  
[City, ST ZIP Code] Brooklyn, NY 11218

**MATERIAL**  
Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)  
 Kaofn  Fill from recycling facilities  Construction Fill  
 Other (Description):  
 Grid Location WLS  
Physical Description of Material: Construction Fill

**ADDITIONAL INFORMATION**

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One/Truck Load	16 cubic yards	26,300	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.

**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.**

**Transporter's Certification**  
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.  
Driver's Name: JULIO ECHEVERRY  
Driver's Signature: [Signature] Date: 7-3-13

**Customer's Certification**  
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 Material 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: \_\_\_\_\_

**Generator's Authorized Representative**  
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: Silvestre Castillo  
Title: Project Manager  
Signature: [Signature] Date: 7/3/13

**Facility Acceptance:** Secaucus Brownfield Redevelopment, LLC  
Secaucus Brownfields Redevelopment, LLC agrees to accept the material manifested herein in accordance with the NJDEP approved Material 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: [Signature] Date: 7/3/13

13065

Truck Name & Number

*Napoli 81*

Weighed by

*Michael Van*

*7/2/13*



92160  
26620  
65540

03:01 PM JUL 02 2013

*32,77*

Driver Signature

*[Handwritten 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 \_\_\_\_\_

3241723

**GENERATOR NAME AND ADDRESS**

(Name) Fast Development LLC  
(Street Address) 26 Hayward Street  
IL  
(City, ST ZIP Code) Brooklyn, NY 11249  
SID No.:

Third Party Review Engineer: Gail Engineering, P.C.

DATE OF MATERIAL APPROVAL: JUNE 25, 2013

MATERIAL APPROVAL #: 17B

**MATERIAL BEING SHIPPED TO**

Secaucus Brownfields Redevelopment (SBR), LLC  
Malanka Landfill Facility  
Entrance on West Side Avenue (Jersey City)  
Secaucus, New Jersey  
Tel. (201) 689-9509 Fax (201) 689-0693

NJEMS PI #:

NJDEP Facility ID #: 132247

**TRANSPORTER'S INFORMATION**

Trucking Company Name	AMV/DAVIN TO JCR.
Name and Number on Truck	NICKABOLLA'S 1
Vehicle Plate No.	AN 381W
USDOT #	20366418
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**

(Name) Clean Earth, LLC  
(Street Address) 334 South Warminster Street  
Halboro, PA 19040  
(City, ST ZIP Code)  
Origin of Fill Material:  
(Location/Source) Fast Development  
1309-1321 38<sup>th</sup> Street  
(Street Address) Brooklyn, NY 11218  
(City, ST ZIP Code)

**MATERIAL**

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)  
 Kaolin  Fill from recycling facilities  Construction Fill  
 Other (Description):

Grid Location WGS

Physical Description of Material: Construction Fill

**ADDITIONAL INFORMATION**

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	16 cubic yards	28000	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.

**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.**

**Transporter's Certification**

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.

Driver's Name: FABER  
Driver's Signature: [Signature] Date: 7-3-13

**Customer's Certification**

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: [Blank]  
Customer's Signature: [Signature] Date: [Blank]

**Generator's Authorized Representative**

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: Silvestre Castillo  
Title: Project Manager  
Signature: [Signature] Date: 7/3/13

**Facility Acceptance** Secaucus Brownfields 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: Nicole Varano  
Signature: [Signature] Date: 7/3/13

Truck Name & Number

Weighed by

*Dickabellis #5* 130.82  
*[Signature]* 7/31



*2.528*

*[Handwritten symbol]*

Driver Signature

Certified Weight By: DT Allen Materials, LLC  
11 Birch Street • Midland Park, NJ 07432  
201-689-9509

**SEGAUCUS BROWNFIELDS REDEVELOPMENT, LLC  
BILL OF LADING**

Number \_\_\_\_\_

2241724

**GENERATOR NAME AND ADDRESS**

(Name) Fast Development LLC  
(Street Address) 26 Heyward Street  
(City, ST ZIP Code) 1L Brooklyn, NY 11249  
SID No.:

Third Party Review Engineer: Galt Engineering, P.C.

DATE OF MATERIAL APPROVAL: JUNE 25, 2013

MATERIAL APPROVAL #: 178

**MATERIAL BEING SHIPPED TO**

Secaucus Brownfields Redevelopment (SBR), LLC  
Malanka Landfill Facility  
Entrance on West Side Avenue (Jersey City)  
Secaucus, New Jersey  
Tel. (201) 889-9509 Fax (201) 889-0593

NJEMSP #: \_\_\_\_\_

NJDEP Facility ID #: 132247

**TRANSPORTER'S INFORMATION**

Trucking Company Name	NICKABELLAS
Name and Number on Truck	32
Vehicle Plate No.	APG19D
USDOT #	2036648
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"/>

**CUSTOMER NAME**

(Name) Clean Earth, LLC  
(Street Address) 334 South Warminster Street  
(City, ST ZIP Code) Hatboro, PA 19040  
Origin of Fill Material:  
(Location/Source) Fast Development  
(Street Address) 1309-1321 38<sup>th</sup> Street  
(City, ST ZIP Code) Brooklyn, NY 11218

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)  
 Kaolin  Fill from recycling facilities  Construction Fill  
 Other (Description):

Grid Location WCS  
Physical Description of Material: Construction Fill

**ADDITIONAL INFORMATION**

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	16 cubic yards	20000	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.

**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.**

**Transporter's Certification**

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 the Bill of Lading and that no additional material was added to this shipment.

Driver's Name: HUGO BERNARDO  
Driver's Signature: [Signature] Date: 7/3/13

**Customer's Certification**

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 Material 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: \_\_\_\_\_

**Generator's Authorized Representative**

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: Silvestre Castilla  
Title: Project Manager  
Signature: [Signature] Date: 7/3/13

**Facility Acceptance: Secaucus Brownfields Redevelopment, LLC**

Secaucus Brownfields Redevelopment, LLC agrees to accept the material manifested herein in accordance with the NJDEP approved Material 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: Nicob Varano  
Signature: [Signature] Date: 7/3/13

~~DT~~ Nickabella #13097

Truck Name & Number

Weighed by

*[Handwritten Signature]* 7/3/13



85540 1b  
28660 1b  
56880 1b  
09:42 AM JUL 03 2013

28.44

Driver Signature

*[Handwritten 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 \_\_\_\_\_

3241725

**GENERATOR NAME AND ADDRESS**  
 (Name) Fast Development LLC  
 (Street Address) 25 Heyward Street  
 (City, ST ZIP Code) Brooklyn, NY 11249  
 SID No.:

Third Party Review Engineer: Gull Engineering, P.C.  
 DATE OF MATERIAL APPROVAL: JUNE 25, 2013  
 MATERIAL APPROVAL #: 178

**MATERIAL BEING SHIPPED TO**  
 Secaucus Brownfields Redevelopment (SBR), LLC  
 Malanka Landfill Facility  
 Entrance on West Side Avenue (Jersey City)  
 Secaucus, New Jersey  
 Tel. (201) 889-9509 Fax (201) 889-0693  
 NJEMS PI #:  
 NJDEP Facility ID #: 132247

**TRANSPORTER'S INFORMATION**

Trucking Company Name	NAPOLI
Name and Number on Truck	#1
Vehicle Plate No:	ANT 754W
USDOT #	2282108
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**  
 (Name) Clean Earth, LLC  
 (Street Address) 334 South Warminster Street  
 (City, ST ZIP Code) Hatboro, PA 19040  
 Origin of Fill Material:  
 (Location/Source) Fast Development  
 1309-1321 38<sup>th</sup> Street  
 (Street Address) Brooklyn, NY 11218  
 (City, ST ZIP Code)

**MATERIAL**  
 Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)  
 Kaolin  Fill from recycling facilities  Construction Fill  
 Other (Description):  
 Grid Location WCS  
 Physical Description of Material: Construction Fill

**ADDITIONAL INFORMATION**

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	16 cubic yards	27,000	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.

**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.**

**Transporter's Certification**  
 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: JARINS  
 Driver's Signature: [Signature] Date: 7/3/13

**Customer's Certification**  
 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: \_\_\_\_\_

**Generator's Authorized Representative**  
 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: Silvestre Castillo  
 Title: Project Manager  
 Signature: [Signature] Date: 7/3/13

**Facility Acceptance: 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: Nicole Varano  
 Signature: [Signature] Date: 7/3/13

Truck Name & Number Nickabella's # 32 13109  
Weighed by [Signature] 7/3/13



85100 16 SR  
27000 16 TR  
58100 16 NT  
10:48 AM JUL 03 2013  
29,05

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 \_\_\_\_\_

3241727

**GENERATOR NAME AND ADDRESS**

Third Party Review Engineer: Galk Engineering, P.C.

(Name) Fast Development LLC  
 (Street Address) 26 Heyward Street  
 (City, ST ZIP Code) Brooklyn, NY 11249  
 SID No.:

DATE OF MATERIAL APPROVAL: JUNE 25, 2013

MATERIAL APPROVAL #: 178

**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) 888-9509 Fax (201) 888-0593

Trucking Company Name	NICKABELLA
Name and Number on Truck	7-NICK 5
Vehicle Rate No.	AP 953P
USDOT #	2036648
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"/>

NJEMS PI #:

NJDEP Facility ID #: 132247

**CUSTOMER NAME**

**MATERIAL**

(Name) Clean Earth, LLC  
 (Street Address) 334 South Warminster Street  
 Hatboro, PA 19040  
 (City, ST ZIP Code)  
 Origin of Fill Material: Fast Development  
 (Location/Source) 1309-1321 38<sup>th</sup> Street  
 (Street Address) Brooklyn, NY 11218  
 (City, ST ZIP Code)

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)  
 Kaofin  Fill from recycling facilities  Construction Fill  
 Other (Description):

Grid Location **WCS**

Physical Description of Material: Construction Fill

**ADDITIONAL INFORMATION**

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	16 cubic yards	26300	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.

**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.**

**Transporter's Certification**

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.

Driver's Name: JULIO ETHEVEERY  
 Driver's Signature: [Signature] Date: 7/3/13

**Customer's Certification**

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: \_\_\_\_\_

**Generator's Authorized Representative**

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: Silvestre Castillo  
 Title: Project Manager  
 Signature: [Signature] Date: 7/3/13

**Facility Acceptance: 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: Nicolo Varano  
 Signature: [Signature] Date: 7/3/13

13116

Truck Name & Number

*Napoli 81*

Weighed by

*[Handwritten signature]*

*7/3/13*



83500 1b GR  
26620 1b TR  
56880 1b NT

11:15 AM JUL 03 2013

*28,99*

Driver Signature

*[Handwritten 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 \_\_\_\_\_

3241730

**GENERATOR NAME AND ADDRESS**

Third Party Review Engineer: Gaff Engineering, P.C.

[Name] Fast Development LLC  
[Street Address] 28 Heyward Street  
[City, ST ZIP Code] 1L Brooklyn, NY 11249

DATE OF MATERIAL APPROVAL: JUNE 25, 2013

MATERIAL APPROVAL #: 178

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

Trucking Company Name	AMV/DOWN TOWN
Name and Number on Truck	NICK ABCOIA'S
Vehicle Plate No.	AN381W
USDOT #	2036648
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"/>

NJEMS PI #:

NJDEP Facility ID #: 132247

**CUSTOMER NAME**

**MATERIAL**

[Name] Clean Earth, LLC  
[Street Address] 334 South Warminster Street  
[City, ST ZIP Code] Hatboro, PA 19040

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)  
 Kaolin  Fill from recycling facilities  Construction Fill  
 Other (Description):

Origin of Fill Material:  
(Location/Source) Fast Development  
1309-1321 38th Street  
[Street Address] Brooklyn, NY 11218

Grid Location **WC5**

Physical Description of Material: Construction Fill

[City, ST ZIP Code]

**ADDITIONAL INFORMATION**

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	16 cubic yards	28000	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.

**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.**

**Transporter's Certification**

**Customer's Certification**

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 noted on this Bill of Lading and that no additional material was added to this shipment.

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.

Driver's Name: FABER  
Driver's Signature: [Signature] Date: 7-3-13

Customer's Name: \_\_\_\_\_  
Customer's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Generator's Authorized Representative**

**Facility Acceptance: Secaucus Brownfield Redevelopment, LLC**

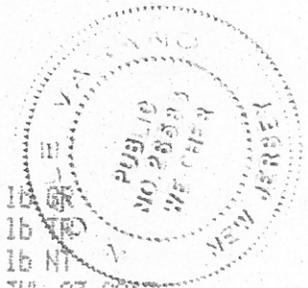
This is to certify that the above named materials are properly classified, and being shipped to the Malanka Landfill in accordance with the approval received from the Third Party Engineer and I am authorized to sign this Bill of Lading on behalf of Generator.

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: Silvestre Castillo  
Title: Project Manager  
Signature: [Signature] Date: 7/3/13

Name: [Signature]  
Signature: \_\_\_\_\_ Date: 7/3/13

Truck Name & Number Puckabellas #5 13138  
Weighed by [Signature] 7/2/13



97520 16 GR  
28820 16 TD  
68700 16 NT  
12:54 PM JUL 03 2013

34.35

Driver Signature [Signature]

**Certified Weight By: DT Allen Materials, LLC**  
11 Birch Street • Midland Park, NJ 07432  
201-689-9509

Michabellas #13163

Truck Name & Number

Weighed by

93900 1b GR

28660 1b TR

65240 1b NT

03:23 PM JUL 03 2013

32162



Driver Signature

*[Handwritten 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 \_\_\_\_\_

3241726

**GENERATOR NAME AND ADDRESS**

Third Party Review Engineer: Gair Engineering, P.C.

[Name] Fast Development LLC  
[Street Address] 26 Heyward Street  
[City, ST ZIP Code] 1L Brooklyn, NY 11249

DATE OF MATERIAL APPROVAL: JUNE 25, 2013

MATERIAL APPROVAL #: 17B

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

Trucking Company Name	Sakbear Trucking
Name and Number on Truck	# 7 AL116A NJ
Vehicle Rate No:	AL116A NJ
USDOT #	1208556
Type of Delivery Vehicle: <i>Please check one</i>	Tri-Axle Dump <input type="checkbox"/> Tandem Dump <input type="checkbox"/> Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>

NJEMS PI #:

NJDEP Facility ID #: 132247

**CUSTOMER NAME**

**MATERIAL**

[Name] Clean Earth, LLC  
[Street Address] 334 South Warminster Street  
[City, ST ZIP Code] Hatboro, PA 19040  
Origin of Fill Material:  
(Location/Source) Fast Development  
1309-1321 38<sup>th</sup> Street  
[Street Address] Brooklyn, NY 11218  
[City, ST ZIP Code]

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)  
 Kaolin  Fill from recycling facilities  Construction Fill  
 Other (Description):  
  
 Grid Location WCS  
Physical Description of Material: Construction Fill

**ADDITIONAL INFORMATION**

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	16 cubic yards	27,500	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.

**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.**

**Transporter's Certification**

**Customer's Certification**

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.

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.

Driver's Name: Sustan Ramos  
Driver's Signature: [Signature] Date: 7/03/13

Customer's Name: \_\_\_\_\_  
Customer's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Generator's Authorized Representative**

**Facility Acceptance: Secaucus Brownfield Redevelopment, LLC**

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.

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: Silvestre Castillo  
Title: Project Manager  
Signature: [Signature] Date: 7/3/13

Name: Nicole Varano  
Signature: [Signature] Date: 7/3/13

Truck Name & Number Salazar Trucking #70 13144  
Weighed by [Signature] 7/3/13

30.49

90120 1b GR  
29140 1b TR  
60980 1b NT  
01:26 PM JUL 03 2013

3241729

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 \_\_\_\_\_

3241729

**GENERATOR NAME AND ADDRESS**

Third Party Review Engineer: Galt Engineering, P.C.

(Name) Fast Development LLC  
 (Street Address) 26 Heyward Street  
 (City, ST ZIP Code) IL Brooklyn, NY 11249  
 SID No.:

DATE OF MATERIAL APPROVAL: JUNE 25, 2013  
 MATERIAL APPROVAL #: 17B

**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

Trucking Company Name	Salazar Trucking
Name and Number on Truck	#10
Vehicle Plate No.	AN 381 D
USDOT #	1208596
Type of Delivery Vehicle: <i>Please check one</i>	Tri-Axle Dump <input type="checkbox"/> Tandem Dump <input type="checkbox"/> Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>

NJEMS PI #: \_\_\_\_\_

NJDEP Facility ID #: 132247

**CUSTOMER NAME**

**MATERIAL**

(Name) Clean Earth, LLC  
 (Street Address) 334 South Warminster Street  
 (City, ST ZIP Code) Hatboro, PA 19040  
 Origin of Fill Material:  
 (Location/Source) Fast Development  
 (Street Address) 1309-1321 38<sup>th</sup> Street  
 (City, ST ZIP Code) Brooklyn, NY 11218

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)  
 Kaolin  Fill from recycling facilities  Construction Fill  
 Other (Description):  
 Grid Location WC 5  
 Physical Description of Material: Construction Fill

**ADDITIONAL INFORMATION**

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	16 cubic yards	27400	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.

**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.**

**Transporter's Certification**

**Customer's Certification**

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.

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.

Driver's Name: Raul Lopez  
 Driver's Signature: [Signature] Date: 7.3.13

Customer's Name: \_\_\_\_\_  
 Customer's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Generator's Authorized Representative**

**Facility Acceptance: Secaucus Brownfield Redevelopment, LLC**

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.

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: Silvestre Castillo  
 Title: Project Manager  
 Signature: [Signature] Date: 7/3/13

Name: Nicole Varano  
 Signature: [Signature] Date: 7/3/13

Truck Name & Number Salazar Trucking #10 13096  
Weighed by [Signature] 7/3/13

31.22

91580 1b GR  
29140 1b TR  
62440 1b NT  
09:16 AM JUL 03 2013

3241722

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 \_\_\_\_\_

**3241722**

**GENERATOR NAME AND ADDRESS**

Third Party Review Engineer: **GAR Engineering, P.C.**

[Name] **Fast Development LLC**  
 [Street Address] **26 Heyward Street**  
 [City, ST ZIP Code] **Brooklyn, NY 11249**  
 SID No.:

DATE OF MATERIAL APPROVAL: **JUNE 25, 2013**  
 MATERIAL APPROVAL #: **178**

**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) 689-9609 Fax (201) 689-0593

Trucking Company Name	<b>Salazar Trucking</b>
Name and Number on Truck	<b># 10</b>
Vehicle Plate No:	<b>AN 381 D</b>
USDOT #	<b>1208596</b>
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"/>

NJEMS PI #:

NJDEP Facility ID #: **132247**

**CUSTOMER NAME**

**MATERIAL**

[Name] **Clean Earth, LLC**  
 [Street Address] **334 South Warminster Street**  
 [City, ST ZIP Code] **Halboro, PA 19040**  
 Origin of Fill Material:  
 (Location/Source) **Fast Development**  
 [Street Address] **1309-1321 38<sup>th</sup> Street**  
 [City, ST ZIP Code] **Brooklyn, NY 11218**

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)   
 Kaofin  Fill from recycling facilities  Construction Fill   
 Other (Description):  
 Grid Location **WCS**  
 Physical Description of Material: **Construction Fill**

**ADDITIONAL INFORMATION**

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	16 cubic yards	<b>27500</b>	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.

**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.**

**Transporter's Certification**

**Customer's Certification**

The Transporter 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.

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.

Driver's Name: **Raul Lopez**  
 Driver's Signature: \_\_\_\_\_ Date: **7-3-13**

Customer's Name: \_\_\_\_\_  
 Customer's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Generator's Authorized Representative**

**Facility Acceptance: Secaucus Brownfields Redevelopment, LLC**

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.

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: **Silvestre Castillo**  
 Title: **Project Manager**  
 Signature: **Silvestre Castillo** Date: **7/3/13**

Name: **Nicole Varano**  
 Signature: \_\_\_\_\_ Date: **7/3/13**

Truck Name & Number Salazar Trucking <sup>13141</sup> #53  
Weighed by [Signature] 7/3/13

92320 1b GR  
28580 1b TR  
63740 1b NT  
01:15 PM JUL 03 2013

31.87

3241728

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 \_\_\_\_\_

3241728

**GENERATOR NAME AND ADDRESS**

Third Party Review Engineer: Galt Engineering, P.C.

[Name] **Fast Development LLC**  
 [Street Address] **26 Heyward Street**  
 [City, ST ZIP Code] **Brooklyn, NY 11249**

DATE OF MATERIAL APPROVAL: **JUNE 25, 2013**

MATERIAL APPROVAL #1: **178**

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) 689-0693

Trucking Company Name	<b>SALAZAR TRUCKING</b>
Name and Number on Truck	<b>SALAZAR T #53</b>
Vehicle Plate No.	<b>AM680T</b>
LICDOT #	<b>1209596</b>
Type of Delivery Vehicle: <i>Please check one</i>	Tri-Axial Dump <input type="checkbox"/> Tandem Dump <input type="checkbox"/> Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>

NJEMS PI #:

NJDEP Facility ID #: **132247**

**CUSTOMER NAME**

**MATERIAL**

[Name] **Clean Earth, LLC**  
 [Street Address] **334 South Warminster Street**  
 [City, ST ZIP Code] **Hatboro, PA 19040**

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)  
 Kaolin  Fill from recycling facilities  Construction Fill  
 Other (Description):

Origin of Fill Material: **Fast Development**  
 [Location/Source] **1309-1321 38<sup>th</sup> Street**  
 [Street Address] **Brooklyn, NY 11218**

Grid Location **WCS**

Physical Description of Material: **Construction Fill**

[City, ST ZIP Code]

**ADDITIONAL INFORMATION**

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	16 cubic yards	<b>27,500</b>	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.

**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.**

**Transporter's Certification**

**Customer's Certification**

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Driver's Name: **CARLOS TINITANA**  
 Driver's Signature: *[Signature]* Date: **07-03-13**

Customer's Name: \_\_\_\_\_  
 Customer's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Generator's Authorized Representative**

**Facility Acceptance: Secaucus Brownfields Redevelopment, LLC**

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.

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: **Silvestre Castello**  
 Title: **Project Manager**  
 Signature: *[Signature]* Date: **7/3/13**

Name: **Nicolo Varano**  
 Signature: *[Signature]* Date: **7/3/13**

13090

Truck Name & Number Salazar Trucking #53  
Weighed by [Signature] 7/3/13

32.07

92720 1b GR  
28580 1b TR  
64140 1b NT  
08:58 AM JUL 03 2013

3241721

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 \_\_\_\_\_

3241721

**GENERATOR NAME AND ADDRESS**

Third Party Review Engineer: Galk Engineering, P.C.

(Name) Fast Development LLC  
(Street Address) 26 Heyward Street  
1L  
(City, ST ZIP Code) Brooklyn, NY 11249  
SID No.:

DATE OF MATERIAL APPROVAL: JUNE 25, 2013  
MATERIAL APPROVAL #: 175

**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

Trucking Company Name	SALAZAR TRUCKING
Name and Number on Truck	SALAZAR T. #53
Vehicle Plate No.	AM680T
USDOT #	1208596
Type of Delivery Vehicle: <i>Please check one</i>	Tri-Axle Dump <input type="checkbox"/> Tandem Dump <input type="checkbox"/> Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>

NJEMS PI #:

NJDEP Facility ID #: 132247

**CUSTOMER NAME**

**MATERIAL**

(Name) Clean Earth, LLC  
(Street Address) 334 South Warminster Street  
Malboro, PA 19040  
(City, ST ZIP Code)  
Origin of Fill Material:  
(Location/Source) Fast Development  
1309-1321 38<sup>th</sup> Street  
(Street Address) Brooklyn, NY 11218  
(City, ST ZIP Code)

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)   
 Kapfin  Fill from recycling facilities  Construction Fill   
 Other (Description):  
 Grid Location **WCS**  
 Physical Description of Material: Construction Fill

**ADDITIONAL INFORMATION**

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	16 cubic yards	27,500	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.

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**Transporter's Certification**

**Customer's Certification**

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Driver's Name: CARLOS TINITANA  
Driver's Signature: [Signature] Date: 07-03-13

Customer's Name: \_\_\_\_\_  
Customer's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Generator's Authorized Representative**

**Facility Acceptance: Secaucus Brownfields Redevelopment, LLC**

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.

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Name: Silvestre Castillo  
Title: Project Manager  
Signature: Silvestre Castillo Date: 7/3/13

Name: Miche Varano  
Signature: [Signature] Date: 7/3/13

**SECAUCUS BROWNFIELDS REDEVELOPMENT, LLC  
BILL OF LADING**

Number \_\_\_\_\_

3241734

**GENERATOR NAME AND ADDRESS**

Third Party Review Engineer: G&R Engineering, P.C.

[Name] Fast Development LLC  
[Street Address] 26 Heyward Street  
[City, ST ZIP Code] 11 Brooklyn, NY 11249

DATE OF MATERIAL APPROVAL: JUNE 25, 2013

MATERIAL APPROVAL #: 17B

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

Trucking Company Name	W. OJEDA.
Name and Number on Truck	2
Vehicle Plate No.	AM991T
USDOT #	0160 9554
Type of Delivery vehicle: <i>Please check one</i>	Tri-Axial Dump <input type="checkbox"/> Tandem Dump <input type="checkbox"/> Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>

NJEMS PI #:

NJDEP Facility ID #: 132247

**CUSTOMER NAME**

**MATERIAL**

[Name] Clean Earth, LLC  
[Street Address] 334 South Warminster Street  
[City, ST ZIP Code] Hatboro, PA 19040

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)  
 Kaofin  Fill from recycling facilities  Construction Fill  
 Other (Description):

Origin of Fill Material:  
[Location/Source] Fast Development  
[Street Address] 1309-1321 38<sup>th</sup> Street  
[City, ST ZIP Code] Brooklyn, NY 11218

Grid Location WC 2  
Physical Description of Material: Construction Fill

**ADDITIONAL INFORMATION**

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	16 cubic yards	27,200	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.

**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.**

**Transporter's Certification**

**Customer's Certification**

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 site as noted on this Bill of Lading and that no additional material was added to the shipment.

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.

Driver's Name: JOHNNY  
Driver's Signature: [Signature] Date: 7/8/13

Customer's Name: \_\_\_\_\_  
Customer's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Generator's Authorized Representative**

**Facility Acceptance: Secaucus Brownfields Redevelopment, LLC**

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.

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: Silvestre Castillo  
Title: Project Manager  
Signature: Silvestre Castillo Date: 7/8/13

Name: Nicole Varano  
Signature: [Signature] Date: 7/8/13

Truck Name & Number W. Ojeda #1 13211  
Weighed by [Signature] 7/8/13

33.09

94600 1b CR  
22420 1b TR  
66180 1b NT  
08:29 AM JUL 08 2013

3241735

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 \_\_\_\_\_

0241705

**GENERATOR NAME AND ADDRESS**

Third Party Review Engineer: Gaff Engineering, P.C.

(Name) Fast Development LLC  
(Street Address) 26 Heyward Street  
(City, ST ZIP Code) Brooklyn, NY 11249

DATE OF MATERIAL APPROVAL: JUNE 25, 2013

MATERIAL APPROVAL #: 17B

SD 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

Trucking Company Name	W. D'JEDA
Name and Number on Truck	01
Vehicle Plate No:	AP307E
USDOT #	0609554
Type of Delivery Vehicle: <i>Please check one</i>	Tri-Axle Dump <input type="checkbox"/> Tandem Dump <input type="checkbox"/> Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>

NJEMS PI #:

NJDEP Facility ID #: 132247

**CUSTOMER NAME**

**MATERIAL**

(Name) Clean Earth, LLC  
(Street Address) 334 South Warminster Street  
(City, ST ZIP Code) Halbaro, PA 19040

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)  
 Kaolin  Fill from recycling facilities  Construction Fill  
 Other (Description):

Origin of Fill Material:  
(Location/Source) Fast Development  
(Street Address) 1309-1321 38<sup>th</sup> Street  
(City, ST ZIP Code) Brooklyn, NY 11218

Grid Location WC2

Physical Description of Material: Construction Fill

**ADDITIONAL INFORMATION**

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	16 cubic yards	27,800	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.

**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.**

**Transporter's Certification**

**Customer's Certification**

The Transporter certifies 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 the shipment.

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.

Driver's Name: W. D'JEDA  
Driver's Signature: [Signature] Date: 7/8/13

Customer's Name: \_\_\_\_\_  
Customer's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Generator's Authorized Representative**

**Facility Acceptance: Secaucus Brownfield Redevelopment, LLC**

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.

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: Silvestre Castillo  
Title: Project Manager  
Signature: Silvestre Castillo Date: 7/8/13

Name: Nicole Varano  
Signature: [Signature] Date: 7/8/13

Truck Name & Number Moonlight #2 13216  
Weighed by [Signature] 7/8/13

32.70

92560 16 GR  
27160 16 TR  
65400 16 NT  
08:54 AM JUL 08 2013

3241736

Driver Signature [Signature: Angel Lera]

Certified Weight By: DT Allen Materials, LLC  
11 Birch Street • Midland Park, NJ 07432

**SECAUCUS BROWNFIELDS REDEVELOPMENT, LLC**  
**BILL OF LADING**

Number \_\_\_\_\_

**3241736**

**GENERATOR NAME AND ADDRESS:**

**Third-Party Review Engineer:** Gair Engineering, P.C.

[Name] Fast Development LLC  
[Street Address] 26 Hayward Street  
[City, ST ZIP Code] IL  
Brooklyn, NY 11249

**DATE OF MATERIAL APPROVAL:** JUNE 25, 2013

**MATERIAL APPROVAL #:** 178

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) 889-9509 Fax (201) 889-0593

Trucking Company Name	Moonlight Express Inc
Name and Number on Truck	Moonlight Express
Vehicle Plate No:	AP357L - NJ
USDOT #	2385560
Type of Delivery Vehicle: <i>Please check one</i>	Tri-Axle Dump <input type="checkbox"/> Tandem Dump <input type="checkbox"/> Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>

NJEMS PI #:

NJDEP Facility ID #: 132247

**CUSTOMER NAME:**

**MATERIAL:**

[Name] Clean Earth, LLC  
[Street Address] 334 South Warminster Street  
[City, ST ZIP Code] Halboro, PA 19040

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)  
 Kaofin  Fill from recycling facilities  Construction Fill  
 Other (Description):

Origin of Fill Material:  
(Location/Source) Fast Development  
[Street Address] 1309-1321 38<sup>th</sup> Street  
[City, ST ZIP Code] Brooklyn, NY 11218

Grid Location **WCL**  
Physical Description of Material: Construction Fill

**ADDITIONAL INFORMATION:**

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	16 cubic yards	27200	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.

**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.**

**Transporter's Certification**

**Customer's Certification**

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 the shipment.

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.

Driver's Name: ANGEL LEHA  
Driver's Signature: [Signature] Date: 07-08-13

Customer's Name: \_\_\_\_\_  
Customer's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Generator's Authorized Representative**

**Facility Acceptance:** Secaucus Brownfields Redevelopment, LLC

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.

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 civil action shall be reported to the appropriate authorities.

Name: Silvestre Castillo  
Title: Project Manager  
Signature: [Signature] Date: 7/8/13

Name: Micò Varano  
Signature: [Signature] Date: 7/8/13

Truck Name & Number DI Trucking #2 13217  
Weighed by [Signature] 7/8/13

34.40

98700 1b GR  
29900 1b TR  
68800 1b NT  
09:00 AM JUL 08 2013

3241737

[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 \_\_\_\_\_

3241737

**GENERATOR NAME AND ADDRESS**  
 [Name] Fast Development LLC  
 [Street Address] 26 Heyward Street  
 [City, ST ZIP Code] IL Brooklyn, NY 11249  
 SID No.:

**Third Party Review Engineer: G&R Engineering, P.C.**  
 DATE OF MATERIAL APPROVAL: JUNE 25, 2013  
 MATERIAL APPROVAL #1 17B

**MATERIAL BEING SHIPPED TO**  
 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

**TRANSPORTER'S INFORMATION**

Trucking Company Name	DI TRK
Name and Number on Truck	DI # 2
Vehicle Plate No:	AN 687K 786K
USDOT #	1961956
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**  
 [Name] Clean Earth, LLC  
 [Street Address] 334 South Warminster Street  
 [City, ST ZIP Code] Hatboro, PA 19040  
 Origin of Fill Material:  
 (Location/Source) Fast Development  
 [Street Address] 1309-1321 38<sup>th</sup> Street  
 [City, ST ZIP Code] Brooklyn, NY 11218

**MATERIAL**  
 Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)   
 Kaofin  Fill from recycling facilities  Construction Fill  
 Other (Description):  
 Grid Location WC 2  
 Physical Description of Material: Construction Fill

**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>		28,200		

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.

**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.**

**Transporter's Certification**  
 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.  
 Driver's Name: \_\_\_\_\_  
 Driver's Signature: *[Signature]* Date: 7-8-13

**Customer's Certification**  
 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: \_\_\_\_\_

**Generator's Authorized Representative**  
 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: Silvestre Castillo  
 Title: Project Manager  
 Signature: Silvestre Castillo Date: 7/8/13

**Facility Acceptance: Secaucus Brownfields 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: Nicol Varano  
 Signature: [Signature] Date: 7/8/13

Truck Name & Number Castillo #4 13218  
Weighed by [Signature] 7/8/13

30.32

87160 16 GR  
26520 16 TR  
60640 16 NT  
09:07 AM JUL 08 2013

3241738

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 \_\_\_\_\_

3241738

**GENERATOR NAME AND ADDRESS:**

Third Party Review Engineer: **G&R Engineering, P.C.**

[Name] Fast Development LLC  
[Street Address] 26 Hayward Street  
[City, ST ZIP Code] 11 Brooklyn, NY 11249  
[SID No.]

DATE OF MATERIAL APPROVAL: **JUNE 25, 2013**  
MATERIAL APPROVAL #: **178**

**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

Trucking Company Name	<b>CASTILLO #4</b>
Name and Number on Truck	<b>HECTOR MENDEZ</b>
Vehicle Plate No.	<b>AN 8075</b>
USDOT #	<b>1013514</b>
Type of Delivery Vehicle: <i>Please check one</i>	Tri-Axle Dump <input type="checkbox"/> Tandem Dump <input type="checkbox"/> Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>

NJEMS PI #:

NJDEP Facility ID #: 132247

**CUSTOMER NAME:**

**MATERIAL:**

[Name] Clean Earth, LLC  
[Street Address] 334 South Warminster Street  
[City, ST ZIP Code] Hatboro, PA 19040  
Origin of Fill Material:  
(Location/Source) Fast Development  
[Street Address] 1309-1321 38<sup>th</sup> Street  
[City, ST ZIP Code] Brooklyn, NY 11218

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)   
Kaolin  Fill from recycling facilities  Construction Fill   
Other (Description):  
 Grid Location **WC2**  
Physical Description of Material: **Construction Fill**

**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>		<b>27,300</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.

**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.**

**Transporter's Certification**

**Customer's Certification**

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.

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Driver's Name: **Hector Mendez**  
Driver's Signature: *[Signature]* Date: **7-8-13**

Customer's Name: \_\_\_\_\_  
Customer's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Generator's Authorized Representative**

**Facility Acceptance: Secaucus Brownfields Redevelopment, LLC**

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.

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: **Silvestre Castillo**  
Title: **Project Manager**  
Signature: *[Signature]* Date: **7/8/13**

Name: **Nicole Varang**  
Signature: *[Signature]* Date: **7/8/13**

T-Max#3

13220

Truck Name & Number

Weighed by

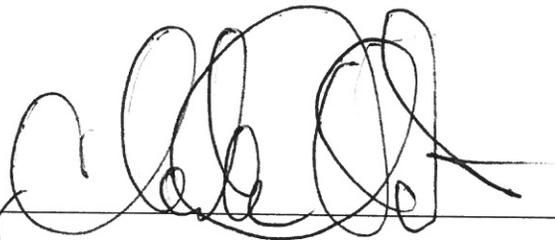
*Phil U* 7/8/13

35.12

97780 16 GR  
27540 16 TR  
70240 16 NT  
09:45 AM JUL 08 2013

3241739

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 \_\_\_\_\_

**3241739**

**GENERATOR NAME AND ADDRESS**

Third Party Review Engineer: **Gar Engineering, P.C.**

[Name] **Fast Development LLC**  
[Street Address] **26 Heyward Street**  
[City, ST ZIP Code] **1L  
Brooklyn, NY 11249**

DATE OF MATERIAL APPROVAL: **JUNE 25, 2013**

MATERIAL APPROVAL #: **178**

SID No.:

**MATERIAL BEING SHIPPED TO**

**TRANSPORTER'S INFORMATION**

**Secaucus Brownfields Redevelopment (SBR), LLC**  
**Melanika Landfill Facility**  
Entrance on West Side Avenue (Jersey City)  
Secaucus, New Jersey  
Tel. (201) 889-9509 Fax (201) 889-0593

Trucking Company Name	<b>T-MAR</b>
Name and Number on Truck	<b>TMAR #3</b>
Vehicle Plate No.	<b>AP 964K NJ</b>
USDOT #	<b>1458232</b>
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"/>

NJEMS PI #:

NJDEP Facility ID #: **132247**

**CUSTOMER NAME**

**MATERIAL**

[Name] **Clean Earth, LLC**  
[Street Address] **334 South Warminster Street**  
[City, ST ZIP Code] **Harboro, PA 19040**

Clear Fill  Recycled Masonry  Processed Dredge Material (PDM)  
 Kaolin  Fill from recycling facilities  Construction Fill  
 Other (Description):

Origin of Fill Material:  
(Location/Source) **Fast Development**  
[Street Address] **1309-1321 38<sup>th</sup> Street**  
[City, ST ZIP Code] **Brooklyn, NY 11218**

Grid Location **WC2**

Physical Description of Material: **Construction Fill**

**ADDITIONAL INFORMATION**

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	16 cubic yards	27,100	Y N	
<b>Grand Total</b>				

Secaucus Brownfields Redevelopment, LLC (SBR) reserves the right to reject any material delivered to the Melanika 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 Melanika 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 Melanika 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 Melanika unless accompanied by a Bill of Lading. Furthermore, no material may be off loaded at Melanika 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 Melanika Landfill Facility. The material must be sampled in accordance with the NJDEP approved Materials Acceptance Protocol for Melanika Landfill.**

**Transporter's Certification**

**Customer's Certification**

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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.

Driver's Name: **Chuck Dematt**  
Driver's Signature: *[Signature]* Date: **7-8-13**

Customer's Name: \_\_\_\_\_  
Customer's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Generator's Authorized Representative**

**Facility Acceptance: Secaucus Brownfields Redevelopment, LLC**

This is to certify that the above named materials are properly classified, and being shipped to the Melanika 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.

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 Melanika Landfill Facility by the Generator and Customer and said action shall be reported to the appropriate authorities.

Name: **Silvestre Castillo**  
Title: **Project Manager**  
Signature: *[Signature]* Date: **7/8/13**

Name: **Nicole Varano**  
Signature: *[Signature]* Date: **7/8/13**

Truck Name & Number T-Mak #2 13219  
Weighed by [Signature] 7/8/13

35.65

99360 1b GR  
28060 1b TR  
71300 1b NT  
09:26 AM JUL 08 2013

3241740

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 \_\_\_\_\_

3241740

**GENERATOR NAME AND ADDRESS:**

Third Party Review Engineer: Gar Engineering, P.C.

(Name) Fast Development LLC  
(Street Address) 26 Heyward Street  
(City, ST ZIP Code) IL Brooklyn, NY 11249

DATE OF MATERIAL APPROVAL: JUNE 25, 2013

MATERIAL APPROVAL #: 178

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) 880-9509 Fax (201) 880-0593

Trucking Company Name	<u>T-MAK</u>
Name and Number on Truck	<u>T-MAK #2</u>
Vehicle Plate No:	<u>AM 295T</u>
USDOT #	<u>1458232</u>
Type of Delivery Vehicle: <i>Please check one</i>	Tri-Axle Dump <input type="checkbox"/> Tandem Dump <input checked="" type="checkbox"/> Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>

NJEMSP #:

NJDEP Facility ID #: 132247

**CUSTOMER NAME**

**MATERIAL**

(Name) Clean Earth, LLC  
(Street Address) 334 South Warminster Street  
(City, ST ZIP Code) Halboro, PA 19040

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)  
 Kaolin  Fill from recycling facilities  Construction Fill  
 Other (Description):

Origin of Fill Material:  
(Location/Source) Fast Development  
(Street Address) 1309-1321 38th Street  
(City, ST ZIP Code) Brooklyn, NY 11218

Grid Location WC2  
Physical Description of Material: Construction Fill

**ADDITIONAL INFORMATION:**

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	16 cubic yards	<u>28060</u>	Y N	
Grand Total				

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.

**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.**

**Transporter's Certification**

**Customer's Certification**

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.

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.

Driver's Name: Vedro Sierone  
Driver's Signature: [Signature] Date: 7/2/13

Customer's Name: \_\_\_\_\_  
Customer's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Generator's Authorized Representative**

**Facility Acceptance: Secaucus Brownfield Redevelopment, LLC**

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.

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: Silvestre Castillo  
Title: Project Manager  
Signature: Silvestre Castillo Date: 7/8/13

Name: Micole Varano  
Signature: [Signature] Date: 7/8/13

Truck Name & Number W. Ojeda #2 13227  
Weighed by [Signature] 7/8/13

32.31

92460 16 GR  
17840 16 TR  
64620 16 NT  
11:50 AM JUL 08 2013

3241741

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 \_\_\_\_\_

3241741

**GENERATOR NAME AND ADDRESS:**

Third Party Review Engineer: SAIT Engineering, P.C.

[Name] Fast Development LLC  
 [Street Address] 26 Heyward Street  
11  
 [City, ST ZIP Code] Brooklyn, NY 11249  
 SID No.:

DATE OF MATERIAL APPROVAL: JUNE 25, 2013  
 MATERIAL APPROVAL #: 178

**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

Trucking Company Name	<u>W. OJEDA.</u>
Name and Number on Truck	<u>2</u>
Vehicle Plate No.	<u>AM991T</u>
USDOT #	<u>01609554</u>
Type of Delivery Vehicle: <i>Please check one</i>	Tri-Axial Dump <input type="checkbox"/> Tandem Dump <input checked="" type="checkbox"/> Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>

NJEMSP # : \_\_\_\_\_  
 NJDEP Facility ID #: 132247

**CUSTOMER NAME**

**MATERIAL**

[Name] Clean Earth, LLC  
 [Street Address] 334 South Warminster Street  
Hatboro, PA 19040  
 [City, ST ZIP Code]  
 Origin of Fill Material:  
 [Location/Source] Fast Development  
1309-1321 38<sup>th</sup> Street  
 [Street Address] Brooklyn, NY 11218  
 [City, ST ZIP Code]

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)  
 Kaolin  Fill from recycling facilities  Construction Fill  
 Other (Description):  
 Grid Location WC2  
 Physical Description of Material: Construction Fill

**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>		<u>27200</u>		

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.

**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.**

**Transporter's Certification**

**Customer's Certification**

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 noted on this Bill of Lading and that no additional material was added to the shipment.

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.

Driver's Name: JODHONNY  
 Driver's Signature: [Signature] Date: 7/8/13

Customer's Name: \_\_\_\_\_  
 Customer's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Generator's Authorized Representative**

**Facility Acceptance: Secaucus Brownfield Redevelopment, LLC**

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.

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: Silvestre Castillo  
 Title: Project Manager  
 Signature: [Signature] Date: 7/8/13

Name: Nicole Varano  
 Signature: [Signature] Date: 7/8/13

Truck Name & Number W. Ojeda #1 13228  
 Weighed by [Signature] 7/8/13

35.46

99340 16 GR  
 28420 16 TR  
 70920 16 HT  
 12:01 PM JUL 08 2013

3241742

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 \_\_\_\_\_

3241742

**GENERATOR NAME AND ADDRESS:**

**Third Party Review Engineer:** G&R Engineering, P.C.

[Name] Fast Development LLC  
[Street Address] 26 Heyward Street  
[City, ST ZIP Code] IL Brooklyn, NY 11249

**DATE OF MATERIAL APPROVAL:** JUNE 25, 2013

**MATERIAL APPROVAL #:** 178

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) 889-9509 Fax (201) 889-0593

Trucking Company Name	W-DJEDA
Name and Number on Truck	01
Vehicle Plate No:	AP307E
USDOT #	01609554
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"/>

NJEMSP #:

NJDEP Facility ID #: 132247

**CUSTOMER NAME:**

**MATERIAL:**

[Name] Clean Earth, LLC  
[Street Address] 334 South Warminster Street  
[City, ST ZIP Code] Malboro, PA 19040

Clean Fill  Recycled Masonry  Processed Drudge Material (PDM)   
 Kaofin  Fill from recycling facilities  Construction Fill   
 Other (Description):

Origin of Fill Material: Fast Development  
(Location/Source) 1309-1321 38<sup>th</sup> Street  
[Street Address] Brooklyn, NY 11218

Grid Location WC2

Physical Description of Material: Construction Fill

[City, ST ZIP Code]

**ADDITIONAL INFORMATION:**

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	16 cubic yards	28700	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.

**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.**

**Transporter's Certification**

**Customer's Certification**

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 noted on this Bill of Lading and that no additional material was added to this shipment.

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.

Driver's Name: WALTON  
Driver's Signature: [Signature] Date: 7/8/13

Customer's Name: \_\_\_\_\_  
Customer's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Generator's Authorized Representative**

**Facility Acceptance:** Secaucus Brownfields Redevelopment, LLC

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.

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: Silvestre Castillo  
Title: Project Manager  
Signature: Silvestre Castillo Date: 7/8/13

Name: Nicole Varano  
Signature: [Signature] Date: 7/8/13

Truck Name & Number MOONLIGHT #2 13229  
Weighed by Paul [Signature] 7/8/13

32.05

91260 16 GR  
27160 16 TR  
84100 16 NT  
12:25 PM JUL 08 2013

3241743

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 \_\_\_\_\_

3241743

**GENERATOR NAME AND ADDRESS**

Third Party Review Engineer: G&E Engineering, P.C.

[Name] Fast Development LLC  
[Street Address] 26 Heyward Street  
[City, ST ZIP Code] IL  
Brooklyn, NY 11249

DATE OF MATERIAL APPROVAL: JUNE 25, 2013

MATERIAL APPROVAL #: 178

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

Trucking Company Name	Moonlight Express
Name and Number on Truck	Moonlight Exp #02
Vehicle Plate No.	AP357L NJ
USDOT #	2385560
Type of Delivery Vehicle: <i>Please check one</i>	Tri-Axle Dump <input type="checkbox"/> Tandem Dump <input type="checkbox"/> Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>

NJEMSP #: \_\_\_\_\_

NJDEP Facility ID #: 132247

**CUSTOMER NAME**

**MATERIAL**

[Name] Clean Earth, LLC  
[Street Address] 334 South Warminster Street  
[City, ST ZIP Code] Hatboro, PA 19040

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)  
 Kaolin  Fill from recycling facilities  Construction Fill  
 Other (Description):

Origin of Fill Material: Fast Development  
(Location/Source) 1309-1321 38<sup>th</sup> Street  
[Street Address] Brooklyn, NY 11218

Grid Location WC2

Physical Description of Material: Construction Fill

[City, ST ZIP Code]

**ADDITIONAL INFORMATION**

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	16 cubic yards	27160	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.

**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.**

**Transporter's Certification**

**Customer's Certification**

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 noted on this Bill of Lading, and that no additional material was added to this shipment.

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 Malanka 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.

Driver's Name: ANGEL LEHA  
Driver's Signature: Angel Lena Date: 7/8/13

Customer's Name: \_\_\_\_\_  
Customer's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Generator's Authorized Representative**

**Facility Acceptance: Secaucus Brownfields Redevelopment, LLC**

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.

Secaucus Brownfields Redevelopment, LLC agrees to accept the material manifested herein in accordance with the NJDEP approved Malanka 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: Silvestre Castillo  
Title: Project Manager  
Signature: Silvestre Castillo Date: 7/8/13

Name: Nicolo Varano  
Signature: Nicolo Varano Date: 7/8/13

Truck Name & Number DI Trucking #2 13231  
Weighed by [Signature] 7/8/13

35.01

99020 16 GR  
29900 16 TR  
70020 16 HT  
12:32 PM JUL 08 2013

3241744

[Signature]

Driver Signature \_\_\_\_\_

Certified Weight By: DT Allen Materials, LLC  
11 Birch Street • Midland Park, NJ 07432

**SECAUCUS BROWNFIELDS REDEVELOPMENT, LLC  
BILL OF LADING**

Number \_\_\_\_\_

3241744

**GENERATOR NAME AND ADDRESS**

Third Party Review Engineer: Gain Engineering, P.C.

(Name) Fast Development LLC  
(Street Address) 26 Heyward Street  
(City, ST ZIP Code) 1L Brooklyn, NY 11249

DATE OF MATERIAL APPROVAL: JUNE 25, 2013

MATERIAL APPROVAL #: 178

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) 680-9509 Fax (201) 680-0593

Trucking Company Name	DI TRK
Name and Number on Truck	DT # 02
Vehicle Plate No.	AN 786 K
USDOT #	1961956
Type of Delivery Vehicle: <i>Please check one</i>	Tri-Axle Dump <input type="checkbox"/> Tandem Dump <input type="checkbox"/> Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>

NJEMS PI #:

NJDEP Facility ID #: 132247

**CUSTOMER NAME**

**MATERIAL**

(Name) Clean Earth, LLC  
(Street Address) 334 South Warminster Street  
(City, ST ZIP Code) Halboro, PA 19040  
Origin of Fill Material:  
(Location/Source) Fast Development  
(Street Address) 1309-1321 38<sup>th</sup> Street  
(City, ST ZIP Code) Brooklyn, NY 11218

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)   
Kaolin  Fill from recycling facilities  Construction Fill   
Other (Description):

Grid Location WC 2  
Physical Description of Material: Construction Fill

**ADDITIONAL INFORMATION**

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	16 cubic yards	28,200	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.

**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.**

**Transporter's Certification**

**Customer's Certification**

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Driver Name: WICSON  
Driver's Signature: \_\_\_\_\_ Date: 7/8-13

Customer's Name: \_\_\_\_\_  
Customer's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Generator's Authorized Representative**

**Facility Acceptance: Secaucus Brownfield Redevelopment, LLC**

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.

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: Silvestre Castillo  
Title: Project Manager  
Signature: Silvestre Castillo Date: 7/8/13

Name: Nicolo Varano  
Signature: Nicolo Varano Date: 7/8/13

Truck Name & Number Castillo #4 13232  
Weighed by [Signature] 7/8/13

32.39

91300 1b GR  
26520 1b TR  
64780 1b NT  
12:43 PM JUL 08 2013

3241745

Driver Signature [Signature]

Certified Weight By: DT Allen Materials, LLC  
11 Birch Street • Midland Park, NJ 07432  
884 888 8888

**SECAUCUS BROWNFIELDS REDEVELOPMENT, LLC  
BILL OF LADING**

Number \_\_\_\_\_

3241745

**GENERATOR NAME AND ADDRESS**

Third Party Review Engineer: Salt Engineering, P.C.

(Name) Fast Development LLC  
(Street Address) 26 Heyward Street  
(City, ST ZIP Code) IL  
Brooklyn, NY 11249

DATE OF MATERIAL APPROVAL: JUNE 25, 2013

MATERIAL APPROVAL #: 178

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

Trucking Company Name	<u>Capitol</u>
Name and Number on Truck	<u>AN 8075</u>
Vehicle Plate No:	<u>103519</u>
USDOT #	
Type of Delivery Vehicle: <i>Please check one</i>	Tri-Axle Dump <input type="checkbox"/> Tandem Dump <input type="checkbox"/> Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>

NJEMS PI #:

NJDEP Facility ID #: 132247

**CUSTOMER NAME**

**MATERIAL**

(Name) Clean Earth, LLC  
(Street Address) 334 South Warminster Street  
(City, ST ZIP Code) Hatboro, PA 19040

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)  
 Kaolin  Fill from recycling facilities  Construction Fill  
 Other (Description):

Origin of Fill Material:  
(Location/Source) Fast Development  
(Street Address) 1309-1321 38<sup>th</sup> Street  
(City, ST ZIP Code) Brooklyn, NY 11218

Grid Location WC2

Physical Description of Material: Construction Fill

**ADDITIONAL INFORMATION**

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	16 cubic yards	<u>26520</u>	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.

**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.**

**Transporter's Certification**

**Customer's Certification**

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 the shipment.

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.

Driver's Name: Heeb  
Driver's Signature: [Signature] Date: 7-8-13

Customer's Name: \_\_\_\_\_  
Customer's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Generator's Authorized Representative**

**Facility Acceptance: Secaucus Brownfield Redevelopment, LLC**

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.

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: Silvestre Castillo  
Title: Project Manager  
Signature: Silvestre Castillo Date: 7/8/13

Name: Nicole Varano  
Signature: [Signature] Date: 7/8/13

Truck Name & Number T-Mak #2 13233  
Weighed by [Signature] 7/8/13

34.13

96320 1b GR  
28060 1b TR  
68260 1b NT  
12:57 PM JUL 08 2013

3241746

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 \_\_\_\_\_

3241746

<b>GENERATOR NAME AND ADDRESS</b>		<b>Third Party Review Engineer: G&amp;R Engineering, P.C.</b>
[Name]	Fast Development LLC	<b>DATE OF MATERIAL APPROVAL: JUNE 25, 2013</b>
[Street Address]	26 Hayward Street	
[City, ST ZIP Code]	Brooklyn, NY 11249	<b>MATERIAL APPROVAL #: 17B</b>
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	<table border="1"> <tr> <td>Trucking Company Name</td> <td>T-MAR</td> </tr> <tr> <td>Name and Number on Truck</td> <td>T-MAR # 032</td> </tr> <tr> <td>Vehicle Plate No:</td> <td>AM295T</td> </tr> <tr> <td>USDOT #</td> <td>1458232</td> </tr> <tr> <td>Type of Delivery Vehicle: <i>Please check one</i></td> <td>Tri-Axel Dump <input checked="" type="checkbox"/> Tandem Dump <input type="checkbox"/> Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/></td> </tr> </table>	Trucking Company Name	T-MAR	Name and Number on Truck	T-MAR # 032	Vehicle Plate No:	AM295T	USDOT #	1458232	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"/>
Trucking Company Name	T-MAR										
Name and Number on Truck	T-MAR # 032										
Vehicle Plate No:	AM295T										
USDOT #	1458232										
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"/>										
NJEMS PI #:											
NJDEP Facility ID #: 132247											

<b>CUSTOMER NAME</b>	<b>MATERIAL</b>
[Name]	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 checked="" type="checkbox"/> Construction Fill <input type="checkbox"/> Other (Description):
[Street Address]	
[City, ST ZIP Code]	<input checked="" type="checkbox"/> Grid Location <b>WC2</b>
Origin of Fill Material: (Location/Source)	
[Street Address]	Physical Description of Material: Construction Fill
[City, ST ZIP Code]	

ADDITIONAL INFORMATION:				
Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	16 cubic yards	28060	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.

**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>	<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.	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.
Driver's Name: <u>PEDRO TEIXEIRA</u>	Customer's Name: _____
Driver's Signature: <u>[Signature]</u> Date: <u>7/8/13</u>	Customer's Signature: _____ Date: _____

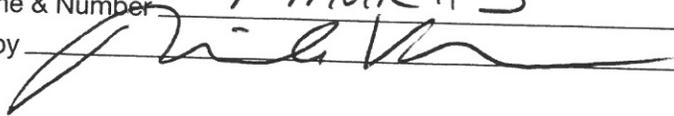
<b>Generator's Authorized Representative</b>	<b>Facility Acceptance: Secaucus Brownfields Redevelopment, LLC</b>
This is to certify that the above named materials are properly classified, and being shipped to the Malanka Landfill in accordance with the approval received from the Third Party Engineer and I am authorized to sign this Bill of Lading on behalf of Generator.	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>Silvestre Castillo</u>	Name: <u>Nicolo Varano</u>
Title: <u>Project Manager</u>	Signature: <u>[Signature]</u> Date: <u>7/8/13</u>
Signature: <u>[Signature]</u> Date: <u>7/8/13</u>	

13235

Truck Name & Number

T-MAX #3

Weighed by



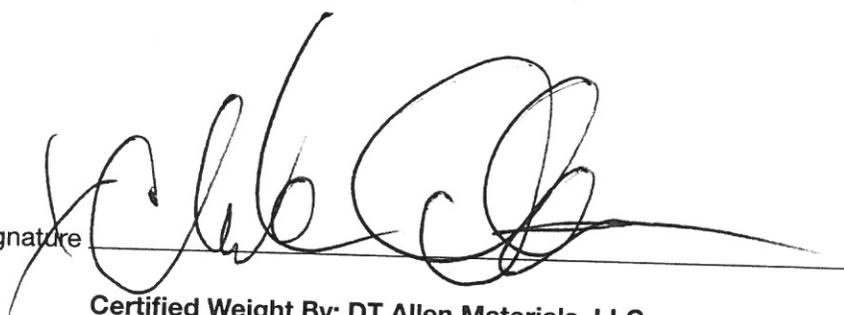
7/8/13

35.38

98300 16 GR  
27540 16 TR  
70760 16 NT  
01:20 PM JUL 08 2013

3241747

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 \_\_\_\_\_

3241747

**GENERATOR NAME AND ADDRESS**

Third Party Review Engineer: Gar Engineering, P.C.

(Name) Fast Development LLC  
(Street Address) 26 Hayward Street  
(City, ST ZIP Code) IL  
Brooklyn, NY 11249  
SID No.:

DATE OF MATERIAL APPROVAL: JUNE 25, 2013  
MATERIAL APPROVAL #: 178

**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

Trucking Company Name	T MAR
Name and Number on Truck	T MAR # 3
Vehicle Plate No.	AP 964 K NJ
USDOT #	1458232
Type of Delivery Vehicle: <i>Please check one</i>	Tri-Axle Dump <input type="checkbox"/> Tandem Dump <input type="checkbox"/> Trailer <input type="checkbox"/> Roll-Off <input type="checkbox"/>

NJEMS PI #:  
NJDEP Facility ID #: 132247

**CUSTOMER NAME**

**MATERIAL**

(Name) Clean Earth, LLC  
(Street Address) 334 South Warminster Street  
(City, ST ZIP Code) Harboro, PA 19040  
Origin of Fill Material (Location/Source):  
(Street Address) Fast Development  
1309-1321 38<sup>th</sup> Street  
(City, ST ZIP Code) Brooklyn, NY 11218

Clean Fill  Recycled Masonry  Processed Dredge Material (PDM)   
Kaolin  Fill from recycling facilities  Construction Fill   
Other (Description):  
 Grid Location WC2  
Physical Description of Material: Construction Fill

**ADDITIONAL INFORMATION**

Description	Cubic Yard Volume	Gross Vehicle Weight	Scale Ticket	Additional Information
One Truck Load	16 cubic yards	27,100	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 offloaded 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.**

**Transporter's Certification**

**Customer's Certification**

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.  
Driver's Name: Check Demetris  
Driver's Signature: [Signature] Date: 7-8-13

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: \_\_\_\_\_

**Generator's Authorized Representative**

**Facility Acceptance: Secaucus Brownfield Redevelopment, LLC**

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: Silvestre Castillo  
Title: Project Manager  
Signature: [Signature] Date: 7/8/13

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: [Signature] Date: 7/8/13

Truck Name & Number W. Ojeda #2 13212  
Weighed by [Signature] 7/8/13

25.05

77940 1b BR  
27940 1b TR  
50100 1b NT  
08:31 AM JUL 08 2013

3241734

Driver Signature [Signature]

Certified Weight By: DT Allen Materials, LLC  
11 Birch Street • Midland Park, NJ 07432



Manifest # 139697

GLOBAL JOB NUMBER: 130589 FACILITY APPROVAL NUMBER: 133070906

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Other  
\_\_\_\_\_
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of West Virginia  
3815 South State Route 2  
Friendly, WV 26146  
Ph: 304-652-8580
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700

**Non-Hazardous Material Manifest**

(Type or Print Clearly)

<b>GENERATOR'S NAME &amp; SITE ADDRESS:</b> <u>Fast Development/Fast Development</u>	<b>GROSS WEIGHT:</b> <input type="checkbox"/> Tons <input type="checkbox"/> Yards
<u>1309 38<sup>th</sup> Street Brooklyn, NY 11249</u>	<b>TARE WEIGHT:</b> <input type="checkbox"/> Tons <input type="checkbox"/> Yards
<b>GENERATOR'S PHONE:</b> _____	<b>NET WEIGHT:</b> <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-Hazardous Soil WCB

**GENERATOR'S CERTIFICATION** – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Silvestre Castillo Title: Project Manager  
 Signature: Silvestre Castillo Date and Time: 7/9/13

**TRANSPORTER**

Company: Shirley Express LLC Phone Number: (862) 279-0899  
 Address: 702 Ramsey Ave, Hillside, NJ 07205 Truck # and License Plate: R25 #38 AN 3972  
 Driver: JD12 SW Haulers Permit #: NJ-864  
 (Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: \_\_\_\_\_ Date and Time: 07/09/13

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: \_\_\_\_\_ Date and Time: 07/09/13

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: \_\_\_\_\_ Date and Time: 7/9/13

**GENERATOR**

Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket#: 307000202749  
Date: 7/9/2013 Time: 18:49:29 Scale: 1  
In: 7/9/2013 18:49:29 Scale 1  
Out: 7/9/2013 18:50:04 P.T.  
Lbs: Tns  
Gross: 94000 47.44  
Tare: 25060 12.93  
Net: 69020 34.51

Manifest: 189699  
Vehicle ID: SHIRLEY20  
Customer: FAST DEVELOPMENT LLC

Generator: Fast Development LLC  
Gen Address: 26 Heyward Street - 1L  
Brooklyn, NY 11249

Facility Approval#: 133070906  
Job Name: Fast Development/Fast Develop  
Job Address: 1309 38th Street  
Brooklyn, NY 11249

Origin	Materials & Services	Quantity	Unit
Kings	Soil Treatment Type II Contaminate Type: NON SPECIFIC SOURCE Treatment Type: Bio Fac Waste Code: Petroleum Contaminated Soil	34.51	Tns

Comments:

Drivers: \_\_\_\_\_  
Ben

Facility: \_\_\_\_\_  
Lukasz Deglerek



Manifest # **139699**

GLOBAL JOB NUMBER: 130589

FACILITY APPROVAL NUMBER: 133070906

**Please Check One:**

- |  |   |  |   |
|--|---|--|---|
| <input checked="" type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909 | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220        | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Other<br>_____<br>_____<br>_____ |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520    | <input type="checkbox"/> Clean Earth of West Virginia<br>3815 South State Route 2<br>Friendly, WV 26146<br>Ph: 304-652-8580 | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 |   |

**Non-Hazardous Material Manifest**

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>Fast Development/Fast Development</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
<u>1309 38<sup>th</sup> Street Brooklyn, NY 11249</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: _____	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-Hazardous Soil WC3

**GENERATOR'S CERTIFICATION** – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Silvestre Castillo Title: Project Manager  
Signature: Silvestre Castillo Date and Time: 7/9/13

**TRANSPORTER**

Company: Shirley Express LLC Phone Number: (862) 279-0899  
Address: 702 Ramsey Ave, Hillside, NJ 07205 Truck # and License Plate: AN-983-X #20  
Driver: Benjamin R. [Signature] SW Haulers Permit #: NI-864  
(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 7/9/13

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: 7/9/13

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 7/9/13

**GENERATOR**

Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: (732) 541-8989 Fax: (732) 541-8105

Ticket: 3876000282750  
Date: 7/9/2013 Time: 10:51:47 Scale: Scale 1  
In: 7/9/2013 10:51:47 Scale 1  
Out: 7/9/2013 10:52:01 P.T.  
Lbs: Tns  
Gross: 98280 45.14  
Tares: 26940 13.47  
Net: 63340 31.67

Manifest: 250937  
Vehicle ID: RL958  
Customer: FAST DEVELOPMENT LLC

Generator: Fast Development LLC  
Gen Address: 26 Heyward Street - IL  
Brooklyn, NY 11249

Facility Approval#: 133070906  
Job Name: Fast Development/Fast Develop  
Job Address: 1309 38th Street  
Brooklyn, NY 11249

Origin	Materials & Services	Quantity	Unit
Kings	Soil Treatment Type II Contaminate Type: NON SPECIFIC SOURCE Treatment Type: Bio Fac Waste Code: Petroleum Contaminated Soil	31.67	Tns

Comments:

Driver: Paul

Facility: Lukasz Ceglarek



Manifest # **250937**

GLOBAL JOB NUMBER: 130589

FACILITY APPROVAL NUMBER: 133070906

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Other \_\_\_\_\_
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of West Virginia  
3815 South State Route 2  
Friendly, WV 26146  
Ph: 304-652-8580
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700

**Non-Hazardous Material Manifest**

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>Fast Development/Fast Development</u> <u>1309 38<sup>th</sup> Street Brooklyn, NY 11249</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: _____	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non Hazardous Soil WC3

**GENERATOR'S CERTIFICATION** – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.  
 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, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Silvestre Castillo Title: Project Manager  
 Signature: Silvestre Castillo Date and Time: 7/9/13

**TRANSPORTER**

Company: Shirley Express LLC Phone Number: (862) 279-0899  
 Address: 702 Ramsey Ave, Hillside, NJ 07205 Truck # and License Plate: AP993P # 58  
 Driver: Paul SW Haulers Permit #: NJ-864  
 (Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Paul Chey Date and Time: 7-9-13

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Paul Chey Date and Time: 7-9-13

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 7/9/13

**GENERATOR**

Clean Earth of Carteret  
 24 Middlesex Avenue  
 Carteret, NJ 07008  
 Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 307000202770  
 Date: 7/9/2013 Time: 11:20:50 Scale: Scale 1  
 In: 7/9/2013 11:29:12 P.T.  
 Out: 7/9/2013 11:29:12 P.T.

Manifest: 189700  
 Vehicle ID: SHIRLEY4

Lbs Trs  
 Gross: 94920 47.46  
 Tares: 24920 12.46  
 Net: 70000 35.00

Customer: FAST DEVELOPMENT LLC

Facility Approval#: 133070906  
 Job Name: Fast Development/Fast Develop  
 Job Address: 1309 30th Street  
 Brooklyn, NY 11249

Generator: Fast Development LLC  
 Gen Address: 26 Heyward Street - 1L  
 Brooklyn, NY 11249

Origin	Materials & Services	Quantity	Unit
Kings	Soil Treatment Type II Contaminate Type: NON SPECIFIC SOURCE Treatment Type: Bio Fac Waste Code: Petroleum Contaminated Soil	35.00	Tns

Comments:

Driver: \_\_\_\_\_  
 Carlos

Facility: \_\_\_\_\_  
 Lukasz Ceglarek



Manifest # 189700

GLOBAL JOB NUMBER: 130589 FACILITY APPROVAL NUMBER: 133070906

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Other \_\_\_\_\_
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of West Virginia  
3815 South State Route 2  
Friendly, WV 26146  
Ph: 304-652-8580
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700

**Non-Hazardous Material Manifest**

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>Fast Development/Fast Development</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
<u>1309 38<sup>th</sup> Street Brooklyn, NY 11249</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: _____	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-Hazardous Soil

WC3

**GENERATOR'S CERTIFICATION** – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Silvestre Castillo Title: Project Manager  
Signature: Silvestre Castillo Date and Time: 7/9/13

**TRANSPORTER**

Company: Shirley Express LLC Phone Number: (862) 279-0899  
Address: 702 Ramsey Ave, Hillside, NJ 07205 Truck # and License Plate: 04 AN 404 P  
Driver: Carlos Ruiz SW Haulers Permit #: NI-864  
(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: \_\_\_\_\_ Date and Time: 07/09/13

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: \_\_\_\_\_ Date and Time: 07/09/13

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: \_\_\_\_\_ Date and Time: 7/9/13

**GENERATOR**

Clean Earth of Carteret,  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 307000202774

	Date	Time	Scale
In:	7/9/2013	11:32:44	Scale 1
Out:	7/9/2013	11:37:26	P.T.

Manifest: 189701  
Vehicle ID: RLS18

	Lbs	Tns
Gross:	92760	46.38
Tare:	27160	13.58
Net:	65600	32.80

Customer: FAST DEVELOPMENT LLC

Facility Approval#: 133070906

Generator: Fast Development LLC  
Gen Address: 26 Hayward Street - 1L  
Brooklyn, NY 11249

Job Name: Fast Development/Fast Develop  
Job Address: 1309 38th Street  
Brooklyn, NY 11249

Origin	Materials & Services	Quantity	Unit
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Kings	Soil Treatment Type II	32.80	Tns
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Contaminate Type: NON SPECIFIC SOURCE  
Treatment Type: Rio  
Fac Waste Code: Petroleum Contaminated Soil

Comments:

Driver: Mario

Facility: Lukasz Ceglarek



Manifest # **189701**

GLOBAL JOB NUMBER: 130589 FACILITY APPROVAL NUMBER: 133070906

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Other  
\_\_\_\_\_
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of West Virginia  
3815 South State Route 2  
Friendly, WV 26146  
Ph: 304-652-8580
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700

**Non-Hazardous Material Manifest**

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>Fast Development/Fast Development</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
<u>1309 38<sup>th</sup> Street Brooklyn, NY 11249</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: _____	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-Hazardous Soil WC3

**GENERATOR'S CERTIFICATION** – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Silvestre Castillo Title: Project Manager  
 Signature: Silvestre Castillo Date and Time: 7/9/13

**TRANSPORTER**

Company: Shirley Express LLC 71518 Phone Number: (862) 279-0899  
 Address: 702 Ramsey Ave, Hillside, NJ 07205 Truck # and License Plate: AM 109 E  
 Driver: MARIO ZSMA SW Haulers Permit #: NJ-864  
(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 7-9-13

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: 7-9-13

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 7/9/13

**GENERATOR**

Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07006  
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 307000202839  
Date: 7/9/2013 Time: 13:45:35 Scale: 1  
In: 7/9/2013 13:45:35 Scale 1  
Out: 7/9/2013 14:04:24 P.T.  
Lbs: Tns  
Gross: 101400 50.74  
Tare: 26140 13.07  
Net: 75340 37.67

Manifest: 250938  
Vehicle ID: RLS38

Customer: FAST DEVELOPMENT LLC

Generator: Fast Development LLC  
Gen Address: 26 Heyward Street - 1L  
Brooklyn, NY 11249

Facility Approval#: 133570906  
Job Name: Fast Development/Fast Develop  
Job Address: 1309 38th Street  
Brooklyn, NY 11249

Origin: Kings Materials & Services Quantity Unit

Soil Treatment Type II 37.67 Tns

Contaminate Type: NON SPECIFIC SOURCE  
Treatment Type: Bio  
Fac Waste Code: Petroleum Contaminated Soil

Comments:

Driver: Jairo

Facility: Lukasz Ceglarek



Manifest # 250938

GLOBAL JOB NUMBER: 130589 FACILITY APPROVAL NUMBER: 133070906

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Other \_\_\_\_\_
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of West Virginia  
3815 South State Route 2  
Friendly, WV 26146  
Ph: 304-652-8580
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700

**Non-Hazardous Material Manifest**

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>Fast Development/Fast Development</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
<u>1309 38<sup>th</sup> Street Brooklyn, NY 11249</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: _____	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Grid #  
WC3

Non Hazardous Soil

**GENERATOR'S CERTIFICATION** – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Silvestre Castillo Title: Project Manager  
 Signature: Silvestre Castillo Date and Time: 7/9/13

**TRANSPORTER**

Company: Shirley Express LLC Phone Number: (862) 279-0899  
 Address: 702 Ramsey Ave, Hillside, NJ 07205 Truck # and License Plate: PLS # 38 AN 397Z  
 Driver: Jairo SW Haulers Permit #: NJ-864  
(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: \_\_\_\_\_ Date and Time: 07/09/13

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: \_\_\_\_\_ Date and Time: 07/09/13

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: \_\_\_\_\_ Date and Time: 7/9/13

**GENERATOR**

Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: (732) 541-8989 Fax: (732) 541-8105

Ticket: 307000282041

	Date	Time	Scale
In:	7/9/2013	14:02:12	Scale 1
Out:	7/9/2013	14:06:09	P.T.

Manifest: 250939  
Vehicle ID: SHIRLEY4

	Lbs	Tns
Gross:	100340	50.17
Tare:	24500	12.46
Net:	75420	37.71

Customer: FAST DEVELOPMENT LLC

Facility Approval#: 133070906

Generator: Fast Development LLC  
Gen Address: 26 Heyward Street - 1L  
Brooklyn, NY 11249

Job Name: Fast Development/Fast Develop  
Job Address: 1309 30th Street  
Brooklyn, NY 11249

Origin	Materials & Services	Quantity	Unit
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Kings	Soil Treatment Type II	37.71	Tns
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Contaminate Type: NON SPECIFIC SOURCE  
Treatment Type: Bio  
Fac Waste Code: Petroleum Contaminated Soil

Comments:

Driver: \_\_\_\_\_  
Carlos

Facility: \_\_\_\_\_  
Lukasz Ceglarek



Manifest # **250939**

GLOBAL JOB NUMBER: 130589 FACILITY APPROVAL NUMBER: 133070906

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Other \_\_\_\_\_
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of West Virginia  
3815 South State Route 2  
Friendly, WV 26146  
Ph: 304-652-8580
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700

**Non-Hazardous Material Manifest**

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>Fast Development/Fast Development</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
<u>1309 38<sup>th</sup> Street Brooklyn, NY 11249</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: _____	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Grid # WC3

Non-Hazardous Soil

**GENERATOR'S CERTIFICATION** – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Silvestre Castillo Title: Project Manager  
 Signature: Silvestre Castillo Date and Time: 7/9/13

**TRANSPORTER**

Company: Shirley Express LLC Phone Number: (862) 279-0899  
 Address: 702 Ramsey Ave, Hillside, NJ 07205 Truck # and License Plate: 04 AN 404 P  
 Driver: Carlos Ruiz SW Haulers Permit #: NJ-864  
(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: \_\_\_\_\_ Date and Time: 07/09/13

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: \_\_\_\_\_ Date and Time: 07/09/13

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: \_\_\_\_\_ Date and Time: 7/9/13

**GENERATOR**





Manifest # 250940

GLOBAL JOB NUMBER: 130589 FACILITY APPROVAL NUMBER: 133070906

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Other \_\_\_\_\_
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of West Virginia  
3815 South State Route 2  
Friendly, WV 26146  
Ph: 304-652-8580
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700

**Non-Hazardous Material Manifest**

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>Fast Development/Fast Development</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
<u>1309 38<sup>th</sup> Street Brooklyn, NY 11249</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: _____	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Grid # W3

Non-Hazardous Soil

**GENERATOR'S CERTIFICATION** – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Silvestre Castillo Title: Project Manager

Signature: Silvestre Castillo Date and Time: 7/19/13

**TRANSPORTER**

Company: Shirley Express LLC Phone Number: (862) 279-0899

Address: 702 Ramsey Ave, Hillside, NJ 07005 Truck # and License Plate: AL 109-E

Driver: MARIO L SORIA SW Haulers Permit #: NJ-864

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Mario Soria Date and Time: 7-19-13

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Mario Soria Date and Time: 7-19-13

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 7/19/13

GENERATOR

Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket#: 387900202876  
Date: 7/9/2013 Time: 16:22:56 Scale: Scale 1  
In: 7/9/2013 16:22:56 Scale 1  
Out: 7/9/2013 16:23:28 P.T.  
Lbs Tns  
Gross: 89900 44.95  
Tare: 26380 13.19  
Net: 63520 31.76

Manifest: 250941  
Vehicle ID: RLS48

Customer: FAST DEVELOPMENT LLC

Generator: Fast Development LLC  
Gen Address: 26 Heyward Street - 1L  
Brooklyn, NY 11249

Facility Approval#: 133070906  
Job Name: Fast Development/Fast Develop  
Job Address: 1309 39th Street  
Brooklyn, NY 11249

Origin	Materials & Services	Quantity	Unit
Kings	Soil Treatment Type II Contaminate Type: NON SPECIFIC SOURCE Treatment Type: Bio Fac Waste Code: Petroleum Contaminated Soil	31.76	Tns

Comments:

Driver: Carlos

Facility: Lukasz Ceglarek



Manifest # **250941**

GLOBAL JOB NUMBER: 130589 FACILITY APPROVAL NUMBER: 133070906

**Please Check One:**

- |   |   |  |   |
|---|---|--|---|
| <input type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909         | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220        | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Other<br>_____<br>_____<br>_____ |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520 | <input type="checkbox"/> Clean Earth of West Virginia<br>3815 South State Route 2<br>Friendly, WV 26146<br>Ph: 304-652-8580 | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 |   |

**Non-Hazardous Material Manifest**

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>Fast Development/Fast Development</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
<u>1309 38<sup>th</sup> Street Brooklyn, NY 11249</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: _____	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non Hazardous Soil Grid # WC3

**GENERATOR'S CERTIFICATION** – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Silvestre Castillo Title: Project Manager  
 Signature: Silvestre Castillo Date and Time: 7/9/13

**TRANSPORTER**

Company: Shirley Express LLC Phone Number: (862) 279-0899  
 Address: 702 Ramsey Ave, Hillside, NJ 07205 Truck # and License Plate: #48-Am4862  
 Driver: Carlos SW Haulers Permit #: NJ-864 RLS  
 (Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: \_\_\_\_\_ Date and Time: 7-9-13

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: \_\_\_\_\_ Date and Time: 7-9-13

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: \_\_\_\_\_ Date and Time: 7/9/13

**GENERATOR**

Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 307000282077

	Date	Time	Scale
In:	7/9/2013	16:23:48	Scale 1
Out:	7/9/2013	16:24:56	P.T.

Manifest: 250942  
Vehicle ID: SHIRLEY2

	Lbs	Tns
Gross:	98540	49.27
Tare:	26580	13.29
Net:	71960	35.98

Customer: FAST DEVELOPMENT LLC

Facility Approval#: 133070906

Generator: Fast Development LLC  
Gen Address: 26 Heyward Street - 1L  
Brooklyn, NY 11249

Job Name: Fast Development/Fast Develop  
Job Address: 1309 38th Street  
Brooklyn, NY 11249

Origin	Materials & Services	Quantity	Unit
--------	----------------------	----------	------

Kings	Soil Treatment Type II	35.98	Tns
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Contaminate Type: NON SPECIFIC SOURCE  
Treatment Type: Bio  
Fac Waste Code: Petroleum Contaminated Soil

Comments:

Driver: \_\_\_\_\_  
Angel

Facility: \_\_\_\_\_  
Lukasz Ceglarek



Manifest # 250942

GLOBAL JOB NUMBER: 130589

FACILITY APPROVAL NUMBER: 133070906

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Other \_\_\_\_\_
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of West Virginia  
3815 South State Route 2  
Friendly, WV 26146  
Ph: 304-652-8580
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700

**Non-Hazardous Material Manifest**

(Type or Print Clearly)

<b>GENERATOR'S NAME &amp; SITE ADDRESS:</b> Fast Development/Fast Development 1309 38 <sup>th</sup> Street Brooklyn, NY 11249	<b>GROSS WEIGHT:</b> <input type="checkbox"/> Tons <input type="checkbox"/> Yards
<b>GENERATOR'S PHONE:</b> _____	<b>TARE WEIGHT:</b> <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	<b>NET WEIGHT:</b> <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Grid # WC3

Non-Hazardous Soil

**GENERATOR'S CERTIFICATION** – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Silvestre Castillo Title: Project Manager  
 Signature: Silvestre Castillo Date and Time: 7/9/13

**TRANSPORTER**

Company: Shirley Express LLC Phone Number: (862) 279-0899  
 Address: 702 Ramsey Ave, Hillside, NJ 07205 Truck # and License Plate: 02-AP161M  
 Driver: ANGEL P SW Haulers Permit #: NJ-864  
(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 7-9-13

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: \_\_\_\_\_ Date and Time: \_\_\_\_\_  
 I hereby certify that the above named material has been accepted at the above referenced facility.  
 Authorized Signature: [Signature] Date and Time: 7/9/13

**GENERATOR**

Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 307000282948

	Date	Time	Scale
In:	7/10/2013	09:22:01	Scale 1
Out:	7/10/2013	09:22:12	P.T.

Manifest: 250943  
Vehicle ID: CASTILLO4

	Lbs	Tns
Gross:	90420	45.41
Tare:	26720	13.36
Net:	64100	32.05

Customer: FAST DEVELOPMENT LLC

Facility Approval#: 133070506

Generator: Fast Development LLC  
Gen Address: 26 Heyward Street - 1L  
Brooklyn, NY 11249

Job Name: Fast Development/Fast Develop  
Job Address: 1309 38th Street  
Brooklyn, NY 11249

Origin	Materials & Services	Quantity	Unit
--------	----------------------	----------	------

Kings	Soil Treatment Type II	32.05	Tns
-------	------------------------	-------	-----

Contaminate Type: NON SPECIFIC SOURCE  
Treatment Type: Bio  
Fac Waste Code: Petroleum Contaminated Soil

Comment:

Driver: \_\_\_\_\_  
Hector

Facility: \_\_\_\_\_  
Lukasz Ceglarek



Manifest # **250943**

GLOBAL JOB NUMBER: 130589 FACILITY APPROVAL NUMBER: 133070906

**Please Check One:**

- |  |   |  |   |
|--|---|--|---|
| <input checked="" type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909 | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220        | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Other<br>_____<br>_____<br>_____ |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520    | <input type="checkbox"/> Clean Earth of West Virginia<br>3815 South State Route 2<br>Friendly, WV 26146<br>Ph: 304-652-8580 | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 |   |

**Non-Hazardous Material Manifest**

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <b>Fast Development/Fast Development</b>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
<b>1309 38<sup>th</sup> Street Brooklyn, NY 11249</b>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: _____	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

**Non-Hazardous Soil** **WC3**

**GENERATOR'S CERTIFICATION** – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Silvestre Castillo Title: Project Manager  
 Signature: Silvestre Castillo Date and Time: 7/10/13

**TRANSPORTER**

Company: Shirley Express LLC Castillo #41 Phone Number: (862) 279-0899  
 Address: 702 Ramsey Ave, Hillside, NJ 07205 Truck # and License Plate: AN 8075  
 Driver: \_\_\_\_\_ SW Haulers Permit #: NJ-864  
(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Hector Meneses Date and Time: 7/10/13

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: \_\_\_\_\_ Date and Time: \_\_\_\_\_

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: \_\_\_\_\_ Date and Time: 7/10/13

**GENERATOR**

Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07005  
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 307000282958  
Date: 7/10/2013 Time: 09:28:59 Scale: 1  
In: 7/10/2013 09:28:59 Scale: 1  
Out: 7/10/2013 09:35:00 P. T.

Manifest: 250344  
Vehicle ID: ANDRADES1

Lbs Tns  
Gross: 91600 45.80  
Tare: 25600 12.80  
Net: 66000 33.00

Customer: FAST DEVELOPMENT LLC

Facility Approval#: 130070906

Generator: Fast Development LLC  
Gen Address: 26 Heyward Street - 1L  
Brooklyn, NY 11249

Job Name: Fast Development/Fast Develop  
Job Address: 1309 30th Street  
Brooklyn, NY 11249

Origin Materials & Services Quantity Unit

Kings Soil Treatment Type II 33.00 Tns

Contaminate Type: NON SPECIFIC SOURCE  
Treatment Type: Bio  
Fac Waste Code: Petroleum Contaminated Soil

Comments:

Driver: \_\_\_\_\_  
Wilson

Facility: \_\_\_\_\_  
Lukasz Ceglarek



Manifest # **250944**

GLOBAL JOB NUMBER: 130589

FACILITY APPROVAL NUMBER: 133070906

**Please Check One:**

- |  |   |  |   |
|--|---|--|---|
| <input checked="" type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909 | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220        | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Other<br>_____<br>_____<br>_____ |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520    | <input type="checkbox"/> Clean Earth of West Virginia<br>3815 South State Route 2<br>Friendly, WV 26146<br>Ph: 304-652-8580 | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 |   |

**Non-Hazardous Material Manifest**

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>Fast Development/Fast Development</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
<u>1309 38<sup>th</sup> Street Brooklyn, NY 11249</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: _____	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-Hazardous Soil WC3

**GENERATOR'S CERTIFICATION** – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Silvestre Castillo Title: Project Manager  
 Signature: Silvestre Castillo Date and Time: 7/10/13

**TRANSPORTER**

Company: ~~XXXXXXXXXX~~ AMV/Dabin Phone Number: (862) 279-0899  
 Address: 702 Ramsey Ave, Hillside, NJ 07205 Truck # and License Plate: ANDRADOS #1  
 Driver: WILSON BUSTAN SW Haulers Permit #: NJ-864 AL718E  
 (Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Wilson Bustan Date and Time: 7/10/13

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Wilson Bustan Date and Time: 7/10/13

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 7/10/13

**GENERATOR**

Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: (732) 541-8989 Fax: (732) 541-8105

Ticket: 307000282983  
Date Time Scale  
In: 7/10/2013 10:03:58 Scale 1  
Out: 7/10/2013 10:05:25 P.T.  
Lbs Tns  
Gross: 52660 46.33  
Tare: 27460 13.73  
Net: 65200 32.60

Manifest: 782300  
Vehicle ID: GRAND017

Customer: FAST DEVELOPMENT LLC

Generator: Fast Development LLC  
Gen Address: 26 Heyward Street - 1L  
Brooklyn, NY 11249

Facility Approval#: 103070906  
Job Name: Fast Development/Fast Develop  
Job Address: 1309 38th Street  
Brooklyn, NY 11249

Origin	Materials & Services	Quantity	Unit
Kings	Soil Treatment Type II Contaminate Type: NON SPECIFIC SOURCE Treatment Type: Bio Fac Waste Codes: Petroleum Contaminated Soil	32.60	Tns

Comments:

Driver: Jose

Facility: Lukasz Ceglarek



Manifest # 782380

130585

133070906

GLOBAL JOB NUMBER:

FACILITY APPROVAL NUMBER:

Please Check One:

- Clean Earth of Carteret, Clean Earth of Maryland, Clean Earth of New Castle, Other, Clean Earth of Philadelphia, Clean Earth of North Jersey, Clean Earth of Southeast Pennsylvania

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: Fast Development 1309 36th Street, Brooklyn NY 11249. GROSS WEIGHT: Tons/Yards. TARE WEIGHT: Tons/Yards. NET WEIGHT: Tons/Yards.

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous soil WC3

GENERATOR'S CERTIFICATION - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Silvestre Castillo, Title: Project Manager, Signature: Silvestre Castillo, Date and Time: 7/10/13

TRANSPORTER

Company: AMV/Dabin Trucking Inc, Phone Number: 973-252-1800/NJ864 #17, Address: 180 Drake Lane, Ladgewood, NJ 07052, Truck # and License Plate: J GRANBA AP6941, Driver: Jose Crudo, SW Haulers Permit #: (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Jose Crudo, Date and Time: 07-10-13

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Jose Crudo, Date and Time: 7/10/13

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature], Date and Time: 7/10/13

GENERATOR

Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: (732) 541-0309 Fax: (732) 541-8105

Ticket: 307000282984  
Date: 7/10/2013 Time: 10:06:31 Scale: 1  
In: 7/10/2013 10:06:31 Scale: 1  
Out: 7/10/2013 10:06:43 P.T.  
Lbs Tns  
Gross: 94320 47.16  
Tare: 27380 13.69  
Net: 66940 33.47

Manifest: 762385  
Vehicle ID: ANDRADES2  
Customer: FAST DEVELOPMENT LLC

Generator: Fast Development LLC  
Gen Address: 26 Heyward Street - 1L  
Brooklyn, NY 11249

Facility Approval#: 183070906  
Job Name: Fast Development/Fast Develop  
Job Address: 1309 38th Street  
Brooklyn, NY 11249

Origin	Materials & Services	Quantity	Unit
Kings	Soil Treatment Type II Contaminate Type: NON SPECIFIC SOURCE Treatment Type: Bio Fac Waste Code: Petroleum Contaminated Soil	33.47	Tns

Comments:

Driver: Romelo

Facility: Lukasz Ceglarek



Manifest # 782385

GLOBAL JOB NUMBER: 130585

FACILITY APPROVAL NUMBER: 133070906

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Other  
\_\_\_\_\_
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700

**Non-Hazardous Material Manifest**

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <p style="text-align: center;"><b>Fast Development</b></p> <p style="text-align: center;"><b>1309 38th Street, Brooklyn NY 11249</b></p>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: _____	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

*Non-Hazardous soil WC2*

**GENERATOR'S CERTIFICATION** – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Silvestre Castillo Title: Project Manager  
 Signature: Silvestre Castillo Date and Time: 7/10/13

**TRANSPORTER**

Company: AMV/Dabin Trucking Inc Phone Number: 973-252-1800/ NJ864  
 Address: 180 Drake Lane, Ledgewood, NJ 07652 Truck # and License Plate: AP391B BROOKLYN #2  
 Driver: Romy SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 07-10-13

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: \_\_\_\_\_ Date and Time: 07-10-13

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 7/10/13

Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket#: 307000282991

	Date	Time	Scale
In:	7/10/2013	10:17:52	Scale 1
Out:	7/10/2013	10:18:02	P.T.

Manifest: 782383  
Vehicle ID: SU16

	Lbs	Tns
Gross:	93560	46.78
Tares:	29140	14.57
Net:	64420	32.21

Customer: FAST DEVELOPMENT LLC

Generator: Fast Development LLC  
Gen Address: 26 Heyward Street - 1L  
Brooklyn, NY 11249

Facility Approval#: 133070906  
Job Name: Fast Development/Fast Develop  
Job Address: 1309 38th Street  
Brooklyn, NY 11249

Origin	Materials & Services	Quantity	Unit
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Kings	Soil Treatment Type II	32.21	Tns
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Contaminate Type: NON SPECIFIC SOURCE  
Treatment Type: Bio  
Fac Waste Code: Petroleum Contaminated Soil

Comments:

Driver: \_\_\_\_\_  
Juan

Facility: \_\_\_\_\_  
Lukasz Ceglarek



Manifest # 782383

GLOBAL JOB NUMBER: 130585 FACILITY APPROVAL NUMBER: 133070906

Please Check One:

- Clean Earth of Carteret, Clean Earth of Maryland, Clean Earth of New Castle, Other, Clean Earth of Philadelphia, Clean Earth of North Jersey, Clean Earth of Southeast Pennsylvania

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: Fast Development, 1309 38th Street, Brooklyn NY 11249. GROSS WEIGHT, TARE WEIGHT, NET WEIGHT sections.

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous soil WC3

GENERATOR'S CERTIFICATION - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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...

Name: Silvestre Castillo, Signature: Silvestre Castillo, Title: Project Manager, Date and Time: 7/10/13

TRANSPORTER

Company: AMV/Dabin Trucking Inc, Address: 180 Drake Lane, Ledgewood, NJ 07652, Driver: JUAN MERA, Phone Number: 973-252-1800, NJ864, Truck # and License Plate: SV # 16 AN-898U

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature], Date and Time: 7/10/13

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature], Date and Time: 7/10/13

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature], Date and Time: 7/10/13

Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 307000282998  
Date: 7/10/2013 Time: 10:27:34 Scale: 1  
In: 7/10/2013 10:28:08 P.T.  
Out: 7/10/2013 10:28:08 P.T.

Manifest: 769971  
Vehicle ID: CASTILLO3

Lbs Tns  
Gross: 95940 47.97  
Tare: 25300 12.69  
Net: 70640 35.28

Customer: FAST DEVELOPMENT LLC

Facility Approval#: 133070906  
Job Name: Fast Development/Fast Develop  
Job Address: 1309 38th Street  
Brooklyn, NY 11249

Generator: Fast Development LLC  
Gen Address: 26 Heyward Street - 1L  
Brooklyn, NY 11249

Origin	Materials & Services	Quantity	Unit
Kings	Soil Treatment Type II Contaminate Type: NON SPECIFIC SOURCE Treatment Type: Bio Fac Waste Code: Petroleum Contaminated Soil	35.28	Tns

Comments:

Driver: Carlos

Facility: Lukasz Ceglarek



Manifest # 769971

GLOBAL JOB NUMBER: 130589 FACILITY APPROVAL NUMBER: 133070906

Please Check One:

- Clean Earth of Carteret, Clean Earth of Maryland, Clean Earth of New Castle, Other, Clean Earth of Philadelphia, Clean Earth of North Jersey, Clean Earth of Southeast Pennsylvania

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: FAST DEVELOPMENT / 1309 38th ST, BROOKLYN, NY 11244. GROSS WEIGHT: Tons/Yards. TARE WEIGHT: Tons/Yards. NET WEIGHT: Tons/Yards.

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION: Non-Hazardous soil WC3

GENERATOR'S CERTIFICATION - I hereby certify that the above named material does not contain free liquid... Name: Silvestre Castillo, Title: Project Manager, Date and Time: 7/10/13

TRANSPORTER - Company: CASTILLO TRUCKING, Phone Number: (3), Truck # and License Plate: AN5815, Driver: CARLOS CASTILLO. I hereby certify that the above named material was picked up at the site listed above. Driver Signature: [Signature], Date and Time: 7/10/13

DESTINATION - I hereby certify that the above named material was delivered without incident to the facility noted above. Driver Signature: [Signature], Date and Time: 7/10/13. I hereby certify that the above named material has been accepted at the above referenced facility. Authorized Signature: [Signature], Date and Time: 7/10/13

GENERATOR

Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 387000283003

	Date	Time	Scale
In:	7/10/2013	10:44:59	Scale 1
Out:	7/10/2013	10:45:22	P.T.

Manifest: 782306  
Vehicle ID: TMAK2

	Lbs	Tns
Gross:	97500	48.79
Tare:	27200	13.60
Net:	70300	35.19

Customer: FAST DEVELOPMENT LLC

Facility Approval#: 133070906

Generator: Fast Development LLC  
Gen Address: 26 Heyward Street - 1L  
Brooklyn, NY 11249

Job Name: Fast Development/Fast Develop  
Job Address: 1309 38th Street  
Brooklyn, NY 11249

Origin	Materials & Services	Quantity	Unit
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Kings	Soil Treatment Type II	35.19	Tns
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Contaminate Type: NON SPECIFIC SOURCE  
Treatment Type: Bio  
Fac Waste Codes: Petroleum Contaminated Soil

Comments:

Driver: Pedro

Facility: Lukasz Ceglarek



Manifest # 782386

GLOBAL JOB NUMBER: 130585 FACILITY APPROVAL NUMBER: 133070906

Please Check One:

- Clean Earth of Carteret, Clean Earth of Maryland, Clean Earth of New Castle, Other, Clean Earth of Philadelphia, Clean Earth of North Jersey, Clean Earth of Southeast Pennsylvania

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: Fast Development 1309 38th Street, Brooklyn NY 11249 GROSS WEIGHT: Tons Yards TARE WEIGHT: Tons Yards NET WEIGHT: Tons Yards

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous soil WC3

GENERATOR'S CERTIFICATION - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Silvestre Castillo Title: Project Manager Signature: Silvestre Castillo Date and Time: 7/10/13

TRANSPORTER

Company: AMV/Dabin Trucking Inc Phone Number: 973-252-1800/NJ864 Address: 180 Drake Lane, Ledgewood, NJ 07852 Truck # and License Plate: T-MAK #02 AM295T Driver: PEDRO TEIXEIRA SW Haulers Permit #: (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Pedro Teixeira Date and Time: 7/10/13

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Pedro Teixeira Date and Time: 7/10/13

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 7/10/13

GENERATOR

Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 307000203015

	Date	Time	Scale
In:	7/10/2013	11:03:11	Scale 1
Out:	7/10/2013	11:03:35	P.T.

Manifest: 782387  
Vehicle ID: TMAK3

	Lbs	Tns
Gross:	93260	46.63
Tare:	27460	13.73
Net:	65800	32.90

Customer: FAST DEVELOPMENT LLC

Facility Approval#: 133070906

Generator: Fast Development LLC  
Gen Address: 26 Heyward Street - 1L  
Brooklyn, NY 11249

Job Name: Fast Development/Fast Develop  
Job Address: 1309 30th Street  
Brooklyn, NY 11249

Origin	Materials & Services	Quantity	Unit
Kings	Soil Treatment Type II Contaminate Type: NON SPECIFIC SOURCE Treatment Type: Bio Fac Waste Code: Petroleum Contaminated Soil	32.90	Tns

Comment:

Driver: Ulises

Facility: Lukasz Ceglarek



Manifest # 782387

GLOBAL JOB NUMBER: 130585 FACILITY APPROVAL NUMBER: 133070906

Please Check One:

- Clean Earth of Carteret, Clean Earth of Maryland, Clean Earth of New Castle, Other, Clean Earth of Philadelphia, Clean Earth of North Jersey, Clean Earth of Southeast Pennsylvania

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: Fast Development, 1309 38th Street, Brooklyn NY 11249. GROSS WEIGHT, TARE WEIGHT, NET WEIGHT sections.

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous soil WC3

GENERATOR'S CERTIFICATION - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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...

Name: Silvestre Castillo, Signature: Silvestre Castillo, Title: Project Manager, Date and Time: 7/10/13

TRANSPORTER

Company: AMV/Dabin Trucking Inc, Address: 180 Drake Lane, Ladgawood, NJ 07052, Driver: Uises Peraza, Phone Number: 973-252-1800/NJ864, Truck # and License Plate: AP964K

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Uises Peraza, Date and Time: 7/10/13

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature], Date and Time: [Blank]

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature], Date and Time: 7/10/13

GENERATOR

Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: (732) 541-6909 Fax: (732) 541-8105

Ticket: 307000203077  
Date: 7/10/2013 Time: 13:10:20 Scale: 1  
In: 7/10/2013 13:10:20 Scale: 1  
Out: 7/10/2013 13:10:49 P.T.  
Lbs: Tns  
Gross: 98500 49.29  
Tare: 25600 12.00  
Net: 72900 36.49

Manifest: 782373  
Vehicle ID: ANDRADES1

Customer: FAST DEVELOPMENT LLC

Generator: Fast Development LLC  
Gen Address: 26 Heyward Street - 1L  
Brooklyn, NY 11249

Facility Approval#: 133070906  
Job Name: Fast Development/Fast Develop  
Job Address: 1309 38th Street  
Brooklyn, NY 11249

Origin: Materials & Services Quantity Unit

Kings Soil Treatment Type II 36.49 Tns

Contaminate Type: NON SPECIFIC SOURCE  
Treatment Type: Bio  
Fac Waste Code: Petroleum Contaminated Soil

Comments:

Driver: Wilson

Facility: Lukasz Ceglarek



Manifest # 782373

GLOBAL JOB NUMBER: 130585 FACILITY APPROVAL NUMBER: 133070906

Please Check One:

- Clean Earth of Carteret, Clean Earth of Maryland, Clean Earth of New Castle, Other, Clean Earth of Philadelphia, Clean Earth of North Jersey, Clean Earth of Southeast Pennsylvania

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: Fast Development 1309 38th Street, Brooklyn NY 11249. GROSS WEIGHT, TARE WEIGHT, NET WEIGHT sections.

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous soil WC3

GENERATOR'S CERTIFICATION - I hereby certify that the above named material does not contain free liquid... Name: Silvestre Castillo, Title: Project Manager, Date and Time: 7/10/13

TRANSPORTER - AMV/Dabin Trucking Inc, Phone Number: 973-252-1800/NJ864, Driver: Wilson Bue, TA

I hereby certify that the above named material was picked up at the site listed above. Driver Signature: Wilson Bue, Date and Time: 7/10/13

DESTINATION - I hereby certify that the above named material was delivered without incident to the facility noted above. Driver Signature: [Signature], Date and Time: 7/10/13. Authorized Signature: [Signature], Date and Time: 7/10/13

Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07006  
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 307000283078

	Date	Time	Scale
In:	7/10/2013	13:11:27	Scale 1
Out:	7/10/2013	13:11:30	P.T.

Manifest: 782374  
Vehicle ID: ANDRADESS2

	Lbs	Tns
Gross:	96600	48.34
Tare:	27300	13.69
Net:	69300	34.65

Customer: FAST DEVELOPMENT LLC

Facility Approval#: 153070906

Generator: Fast Development LLC  
Gen Address: 26 Heyward Street - 1L  
Brooklyn, NY 11249

Job Name: Fast Development/Fast Develop  
Job Address: 1309 30th Street  
Brooklyn, NY 11249

Origin	Materials & Services	Quantity	Unit
Kings	Soil Treatment: Type II Contaminate Type: NON SPECIFIC SOURCE Treatment Type: Bio Fac Waste Code: Petroleum Contaminated Soil	34.65	Tns

Comments:

Driver: \_\_\_\_\_  
Romelo

Facility: \_\_\_\_\_  
Lukasz Ceglarek



Manifest # 782374

GLOBAL JOB NUMBER: 130585 FACILITY APPROVAL NUMBER: 133070906

Please Check One:

- Clean Earth of Carteret, Clean Earth of Maryland, Clean Earth of New Castle, Other, Clean Earth of Philadelphia, Clean Earth of North Jersey, Clean Earth of Southeast Pennsylvania

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: Fast Development, 1309 38th Street, Brooklyn NY 11249. GROSS WEIGHT, TARE WEIGHT, NET WEIGHT fields with checkboxes for Tons and Yards.

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous soil WC3

GENERATOR'S CERTIFICATION - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Silvestre Castillo, Signature: Silvestre Castillo, Title: Project Manager, Date and Time: 7/10/13

TRANSPORTER

Company: AMV/Dabin Trucking Inc, Address: 190 Drake Lane, Ledgewood, NJ 07852, Driver: Romulo, Phone Number: 973-252-1800/NJ864, Truck # and License Plate: AP391B, SW Haulers Permit #:

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature], Date and Time: 07-10-13

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature], Date and Time: 07-10-13

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature], Date and Time: 7/10/13

GENERATOR

Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: (732) 541-8909 Fax: (732) 541-8185

Ticket: 307000203084  
Date: 7/10/2013 Time: 13:25:46 Scale: Scale 1  
In: 7/10/2013 13:30:44 P.T.  
Out: 7/10/2013 13:30:44 P.T.  
Lbs Tns  
Gross: 94340 47.17  
Tare: 26720 13.36  
Net: 67620 33.81

Manifest: 782372  
Vehicle ID: CASTILLO4  
Customer: FAST DEVELOPMENT LLC  
Generator: Fast Development LLC  
Gen Address: 26 Heyward Street - 1L  
Brooklyn, NY 11249

Facility Approval#: 103070906  
Job Name: Fast Development/Fast Develop  
Job Address: 1309 38th Street  
Brooklyn, NY 11249

Origin	Materials & Services	Quantity	Unit
Kings	Soil Treatment Type II Contaminate Type: NON SPECIFIC SOURCE Treatment Type: Bio Fac Waste Code: Petroleum Contaminated Soil	33.81	Tns

Comments:

Driver: Hector

Facility: Lukasz Ceglarek



Manifest # 782372

GLOBAL JOB NUMBER: 130585 FACILITY APPROVAL NUMBER: 133070906

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Other \_\_\_\_\_
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700

**Non-Hazardous Material Manifest**

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <p style="text-align: center;"><b>Fast Development</b></p> <p style="text-align: center;"><b>1309 38th Street, Brooklyn NY 11249</b></p>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: _____	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

*Non-Hazardous soil WC3*

**GENERATOR'S CERTIFICATION** – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Silvestre Castillo Title: Project Manager  
 Signature: Silvestre Castillo Date and Time: 7/10/13

**TRANSPORTER**

Company: AMV/Dabin Trucking Inc Phone Number: 973-252-1800/ NJ864  
 Address: 190 Draks Lane, Ledgewood, NJ 07852 Truck # and License Plate: AN8075  
 Driver: Hector Munoz SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Hector Munoz Date and Time: 7/10/13

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Hector Munoz Date and Time: \_\_\_\_\_

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 7/10/13

Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 307000283091  
Date: 7/10/2013 Time: 13:32:41 Scale: 1  
In: 7/10/2013 13:40:16 P.T.  
Out: 7/10/2013 13:40:16 P.T.  
Lbs: 93700 Trs: 46.85  
Gross: 93700  
Tare: 27460  
Net: 66240

Manifest: 782375  
Vehicle ID: GRANDA17  
Customer: FAST DEVELOPMENT LLC

Generator: Fast Development LLC  
Gen Address: 26 Heyward Street - 1L  
Brooklyn, NY 11249

Facility Approval#: 13070906  
Job Name: Fast Development/Fast Develop  
Job Address: 1309 30th Street  
Brooklyn, NY 11249

Origin	Materials & Services	Quantity	Unit
Kings	Soil Treatment: Type II Contaminate Type: NON SPECIFIC SOURCE Treatment Type: Bio Fac Waste Code: Petroleum Contaminated Soil	33.12	Tns

Comment:

Driver: Jose

Facility: Lukasz Ceglarek



Manifest # 782375

GLOBAL JOB NUMBER: 130585 FACILITY APPROVAL NUMBER: 133070906

Please Check One:

- Clean Earth of Carteret, Clean Earth of Maryland, Clean Earth of New Castle, Other, Clean Earth of Philadelphia, Clean Earth of North Jersey, Clean Earth of Southeast Pennsylvania

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: Fast Development 1309 36th Street, Brooklyn NY 11249. GROSS WEIGHT, TARE WEIGHT, NET WEIGHT sections.

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous soil WC3

GENERATOR'S CERTIFICATION - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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...

Name: Silvestre Castillo Title: Project Manager Signature: Silvestre Castillo Date and Time: 7/10/13

TRANSPORTER

Company: AMV/Dabin Trucking Inc Phone Number: 973-252-1800/NJ864 #17 Address: 190 Drake Lane, Ledgewood, NJ 07852 Truck # and License Plate: JGRANDA AP694K Driver: [Signature] SW Haulers Permit #: [Blank]

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 07-10-13

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: [Blank]

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 7/10/13

Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: (732) 541-8989 Fax: (732) 541-8185

Ticket: 387000283098  
Date: 7/10/2013 Time: 13:45:35 Scale: 1  
In: 7/10/2013 13:45:35 Scale: 1  
Out: 7/10/2013 13:50:21 P.T.  
Lbs: Tns  
Gross: 94400 47.24  
Tare: 29140 14.57  
Net: 65340 32.67

Manifest: 762376  
Vehicle ID: SV16

Customer: FAST DEVELOPMENT LLC

Generator: Fast Development LLC  
Gen Address: 26 Heyward Street - 1L  
Brooklyn, NY 11249

Facility Approval#: 130370906  
Job Name: Fast Development/Fast Develop  
Job Address: 1309 38th Street  
Brooklyn, NY 11249

Origin: Materials & Services Quantity Unit

Kings Soil Treatment Type II 32.67 Tns

Contaminate Type: NON SPECIFIC SOURCE  
Treatment Type: Bio  
Fac Waste Code: Petroleum Contaminated Soil

Comments:

Driver: Juan

Facility: Lukasz Ceglarek



Manifest # 782376

GLOBAL JOB NUMBER: 130585 FACILITY APPROVAL NUMBER: 133070906

Please Check One:

- Clean Earth of Carteret, Clean Earth of Maryland, Clean Earth of New Castle, Other, Clean Earth of Philadelphia, Clean Earth of North Jersey, Clean Earth of Southeast Pennsylvania

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: Fast Development, 1309 38th Street, Brooklyn NY 11249. GROSS WEIGHT, TARE WEIGHT, NET WEIGHT sections.

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION: Non-Hazardous soil W/C3

GENERATOR'S CERTIFICATION - I hereby certify that the above named material does not contain free liquid... Name: Silvestre Castillo, Title: Project Manager, Date and Time: 7/10/13

TRANSPORTER: AMV/Dabin Trucking Inc, 190 Drake Lane, Ladgewood, NJ 07852. Phone Number: 973-252-1800/NJ884. Driver: JUAN MERA. Date and Time: 7/10/13

DESTINATION: I hereby certify that the above named material was delivered without incident to the facility noted above. Date and Time: 7/10/13

GENERATOR

Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07006  
Ph: (732) 541-8989 Fax: (732) 541-8105

Ticket#: 307000263102  
Date: 7/10/2013 Time: 13:57:58 Scale: 1  
In: 7/10/2013 14:08:38 P.T.  
Out:  
Lbs: 95860 Tns: 47.93  
Gross:  
Tare: 25300 12.69  
Net: 70480 35.24

Manifest: 782378  
Vehicle ID: CASTILLO3

Customer: FAST DEVELOPMENT LLC

Generator: Fast Development LLC  
Gen Address: 26 Heyward Street - 1L  
Brooklyn, NY 11249

Facility Approval#: 130070906  
Job Name: Fast Development/Fast Develop  
Job Address: 1309 38th Street  
Brooklyn, NY 11249

Origin	Materials & Services	Quantity	Unit
Kings	Soil Treatment: Type II Contaminate Type: NON SPECIFIC SOURCE Treatment Type: Bio Fac Waste Code: Petroleum Contaminated Soil	35.24	Tns

Comments:

Driver: Carlos

Facility: Lukasz Ceglarek



Manifest # 782378

GLOBAL JOB NUMBER: 130585 FACILITY APPROVAL NUMBER: 133070906

Please Check One:

- Clean Earth of Carteret, Clean Earth of Maryland, Clean Earth of New Castle, Other, Clean Earth of Philadelphia, Clean Earth of North Jersey, Clean Earth of Southeast Pennsylvania

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: Fast Development 1309 38th Street, Brooklyn NY 11249. GROSS WEIGHT: Tons/Yards. TARE WEIGHT: Tons/Yards. NET WEIGHT: Tons/Yards.

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous soil W3

GENERATOR'S CERTIFICATION - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Silvestre Castillo Title: Project Manager. Signature: Silvestre Castillo Date and Time: 7/10/13

TRANSPORTER

Company: AMV/Dabin Trucking Inc Phone Number: 973-252-1800/NJ864. Address: 180 Drake Lane, Ledgewood, NJ 07852 Truck # and License Plate: AN581J (3). Driver: CARLOS CASTILLO SW Haulers Permit #: (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 07/10/13

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: 07/10/13

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: [Signature]

Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 307000283103  
Date: 7/10/2013 Time: 14:05:02 Scale: Scale 1  
In: 7/10/2013 14:05:02 Scale 1  
Out: 7/10/2013 14:09:23 P.T.  
Lbs Tns  
Gross: 93060 46.93  
Tare: 27200 13.60  
Net: 66660 33.33

Manifest: 782377  
Vehicle ID: TMAK2  
Customer: FAST DEVELOPMENT LLC

Generator: Fast Development LLC  
Gen Address: 26 Heyward Street - 1L  
Brooklyn, NY 11249

Facility Approval#: 13070906  
Job Name: Fast Development/Fast Develop  
Job Address: 1309 30th Street  
Brooklyn, NY 11249

Origin: Kings Materials & Services Quantity Unit

Soil Treatment: Type II 33.33 Tns

Contaminate Type: NON SPECIFIC SOURCE  
Treatment Type: Bio  
Fac Waste Code: Petroleum Contaminated Soil

Comments:

Driver: Pedro

Facility: Lukasz Ceglarek



Manifest # 782377

GLOBAL JOB NUMBER: 130585 FACILITY APPROVAL NUMBER: 133070906

Please Check One:

- Clean Earth of Carteret, Clean Earth of Maryland, Clean Earth of New Castle, Other, Clean Earth of Philadelphia, Clean Earth of North Jersey, Clean Earth of Southeast Pennsylvania

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: Fast Development 1309 38th Street, Brooklyn NY 11249. GROSS WEIGHT, TARE WEIGHT, NET WEIGHT sections.

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION: Non-Hazardous soil WC3

GENERATOR'S CERTIFICATION - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected. I hereby certify that the above named material does not contain free liquid...

TRANSPORTER: AMV/Dabin Trucking Inc. 196 Drake Lane, Ledgewood, NJ 07652. Driver: PEDRO TORRES. Date and Time: 7/10/13

DESTINATION: I hereby certify that the above named material was delivered without incident to the facility noted above. Driver Signature: Pedro Torres. Date and Time: 7/10/13

Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: (732) 541-8989 Fax: (732) 541-8105

Ticket: 307000203111

	Date	Time	Scale
In:	7/10/2013	14:33:55	Scale 1
Out:	7/10/2013	14:34:39	P.T.

Manifest: 782379  
Vehicle ID: TMAK3

	Lbs	Tns
Gross:	93680	49.84
Tares:	27460	13.73
Net:	72220	36.11

Customer: FAST DEVELOPMENT LLC

Generator: Fast Development LLC  
Gen Address: 26 Heyward Street - 1L  
Brooklyn, NY 11249

Facility Approval#: 133070906  
Job Name: Fast Development/Fast Develop  
Job Address: 1309 38th Street  
Brooklyn, NY 11249

Origin	Materials & Services	Quantity	Unit
Kings	Soil Treatment: Type II Contaminate Type: NON SPECIFIC SOURCE Treatment Type: Bio Fac Waste Code: Petroleum Contaminated Soil	36.11	Tns

Comments:

Driver: \_\_\_\_\_

Facility: \_\_\_\_\_  
Lukasz Ceglarek



Manifest # 782379

GLOBAL JOB NUMBER: 130585 FACILITY APPROVAL NUMBER: 133070906

Please Check One:

- Clean Earth of Carteret, Clean Earth of Maryland, Clean Earth of New Castle, Clean Earth of Philadelphia, Clean Earth of North Jersey, Clean Earth of Southeast Pennsylvania, Other

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: Fast Development 1309 36th Street, Brooklyn NY 11249
GROSS WEIGHT: Tons Yards
TARE WEIGHT: Tons Yards
NET WEIGHT: Tons Yards

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous soil WC3

GENERATOR'S CERTIFICATION - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Silvestre Castillo Title: Project Manager
Signature: Silvestre Castillo Date and Time: 7/10/13

TRANSPORTER: AMV/Dabin Trucking Inc T-MAK 3
Company: 190 Drake Lane, Ledgewood, NJ 07852 Phone Number: 973-252-1800/ NJ864
Address: Driver: UISEC PERAZA Truck # and License Plate: AP964K
SW Haulers Permit #: (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: U.P. Date and Time:

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: U.P. Date and Time:

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 7/10/13

Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07006  
Ph: (732) 541-8999 Fax: (732) 541-8105

Tickets: ~~307000203135~~  
Date Time Scale  
In: 7/10/2013 16:12:43 Scale 1  
Out: 7/10/2013 16:16:17 P.T.

Manifest: 782381  
Vehicle ID: ANDRADES1

Lbs Tns  
Gross: 93860 46.93  
Tare: 25600 12.80  
Net: 68260 34.13

Customer: FAST DEVELOPMENT LLC

Facility Approval#: ~~133070906~~  
Job Name: Fast Development/Fast Develop  
Job Address: 1309 38th Street  
Brooklyn, NY 11249

Generator: Fast Development LLC  
Gen Address: 26 Heyward Street - 1L  
Brooklyn, NY 11249

Origin	Materials & Services	Quantity	Unit
Kings	Soil Treatment Type II Contaminate Type: NON SPECIFIC SOURCE Treatment Type: Bio Fac Waste Code: Petroleum Contaminated Soil	34.13	Tns

Comments:

Driver: \_\_\_\_\_  
Wilson

Facility: \_\_\_\_\_  
Lukasz Ceglarek



Manifest # 782381

130585

133070906

GLOBAL JOB NUMBER: \_\_\_\_\_ FACILITY APPROVAL NUMBER: \_\_\_\_\_

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Other  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700

### Non-Hazardous Material Manifest

(Type or Print Clearly)

<b>GENERATOR'S NAME &amp; SITE ADDRESS:</b> <u>Fast Development</u> <u>1309 36th Street, Brooklyn NY 11249</u>	<b>GROSS WEIGHT:</b> <input type="checkbox"/> Tons <input type="checkbox"/> Yards
<b>GENERATOR'S PHONE:</b> _____	<b>TARE WEIGHT:</b> <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	<b>NET WEIGHT:</b> <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-Hazardous soil WC3

**GENERATOR'S CERTIFICATION** – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Silvestre Castillo Title: Project Manager  
 Signature: Silvestre Castillo Date and Time: 7/10/13

**TRANSPORTER**

Company: AMV/Dabin Trucking Inc Phone Number: 973-252-1800/NJ864  
 Address: 190 Drake Lane, Ledgewood, NJ 07852 Truck # and License Plate: AM DRADOS #1  
 Driver: Wilson Buitan SW Haulers Permit #: AL718E  
 (Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 7/10/13

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: 7/10/13

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 7/10/13

Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 307000263136

	Date	Time	Scale
In:	7/10/2013	16:13:25	Scale 1
Out:	7/10/2013	16:17:11	P.T.

Manifest: 782382  
Vehicle ID: ANDRADES2

	Lbs	Tns
Gross:	93600	46.84
Tare:	27300	13.69
Net:	66300	33.15

Customer: FAST DEVELOPMENT LLC

Facility Approval #: 133070906

Generator: Fast Development LLC  
Gen Address: 26 Heyward Street - 1L  
Brooklyn, NY 11249

Job Name: Fast Development/Fast Develop  
Job Address: 1309 30th Street  
Brooklyn, NY 11249

Origin	Materials & Services	Quantity	Unit
Kings	Soil Treatment Type II Contaminate Type: NON SPECIFIC SOURCE Treatment Type: Bio Fac Waste Code: Petroleum Contaminated Soil	33.15	Tns

Comments:

Driver: Ronelo

Facility: Lukasz Ceglarek



Manifest # 782382

GLOBAL JOB NUMBER: 130585 FACILITY APPROVAL NUMBER: 133070906

Please Check One:

- Clean Earth of Carteret, Clean Earth of Maryland, Clean Earth of New Castle, Other, Clean Earth of Philadelphia, Clean Earth of North Jersey, Clean Earth of Southeast Pennsylvania

Non-Hazardous Material Manifest

(Type or Print Clearly)

Table with 3 columns: Generator Name & Site Address, Gross Weight, Tare Weight, Net Weight. Includes handwritten address: 1309 38th Street, Brooklyn NY 11249.

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous soil WC3

GENERATOR'S CERTIFICATION - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Silvestre Castillo Title: Project Manager
Signature: Silvestre Castillo Date and Time: 7/10/13

TRANSPORTER

Company: AMV/Dabin Trucking Inc Phone Number: 973-252-1800/NJ864
Address: 190 Drake Lane, Ledgewood, NJ 07052 Truck # and License Plate: AP391B ANDMADJ H2
Driver: Romulo SW Haulers Permit #: (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 07-10-13

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: 07-10-13

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 7/10/13

Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07006  
Ph: (732) 541-6909 Fax: (732) 541-6105

Ticket: 307000283213  
Date Time Scale  
In: 7/11/2013 09:42:15 Scale 1  
Out: 7/11/2013 09:43:23 P.T.

Manifest: 782398  
Vehicle ID: GRANDA17

	Lbs	Tns
Gross:	86140	43.07
Tare:	27468	13.73
Net:	58680	29.34

Customer: FAST DEVELOPMENT LLC

Facility Approval#: 133070996

Generator: Fast Development LLC  
Gen Address: 26 Heyward Street - 1L  
Brooklyn, NY 11249

Job Name: Fast Development/Fast Develop  
Job Address: 1309 38th Street  
Brooklyn, NY 11249

Origin	Materials & Services	Quantity	Unit
Kings	Soil Treatment Type II Contaminate Type: NON SPECIFIC SOURCE Treatment Type: Bio Fac Waste Code: Petroleum Contaminated Soil	29.34	Tns

Comment:

Driver: \_\_\_\_\_  
Jose

Facility: \_\_\_\_\_  
Lukasz Ceglarek



Manifest # 782390

GLOBAL JOB NUMBER: 130585 FACILITY APPROVAL NUMBER: 133070906

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Other  
\_\_\_\_\_
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700

**Non-Hazardous Material Manifest**

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <p style="text-align: center;"><b>Fast Development</b></p> <p style="text-align: center;"><b>1309 38th Street, Brooklyn NY 11249</b></p>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: _____	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

*Non-Hazardous soil WCB*

**GENERATOR'S CERTIFICATION** – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Silvestre Castillo Title: Project Manager  
 Signature: Silvestre Castillo Date and Time: 7/11/13

**TRANSPORTER**

Company: AMV/Dabin Trucking Inc Phone Number: 973-252-1800/ NJ864 #17  
 Address: 190 Drake Lane, Ledgewood, NJ 07852 Truck # and License Plate: J6RANVDA AP694F  
 Driver: José Cortés SW Haulers Permit #: \_\_\_\_\_ (applicable state permit #)  
 (Type or Print Clearly)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: José Cortés Date and Time: 07-11-13

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: \_\_\_\_\_ Date and Time: \_\_\_\_\_

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 7/11/13

Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: (732) 541-8909 Fax: (732) 541-8105

Tickets: 307000283221  
Date Time Scale  
In: 7/11/2013 09:44:57 Scale 1  
Out: 7/11/2013 09:52:32 P.T.

Manifest: 785568  
Vehicle ID: ANDRADES1

Lbs Tns  
Gross: 89000 44.50  
Tare: 25600 12.80  
Net: 63400 31.70

Customer: FAST DEVELOPMENT, LLC

Facility Approval#: 133070906

Generator: Fast Development LLC  
Gen Address: 25 Heyward Street - 1L  
Brooklyn, NY 11249

Job Name: Fast Development/Fast Develop  
Job Address: 1309 38th Street  
Brooklyn, NY 11249

Origin Materials & Services Quantity Unit

Kings Soil Treatment Type II 31.70 Tns

Contaminate Type: NON SPECIFIC SOURCE  
Treatment Type: Bio  
Fac Waste Code: Petroleum Contaminated Soil

Comments:

Driver: \_\_\_\_\_  
Wilson

Facility: \_\_\_\_\_  
Lukasz Ceglarek



Manifest # 785568

GLOBAL JOB NUMBER: 130589 FACILITY APPROVAL NUMBER: 133670906

Please Check One:

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Other
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>FAST DEVELOPMENT / FAST DEVELOPMENT</u> <u>1309 38th ST</u> <u>BROOKLING NY. 11249</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: _____	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

NON-HAZARDOUS SOIL WC3

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Silvestre Castillo Title: Project Manager  
 Signature: Silvestre Castillo Date and Time: 7/11/13

TRANSPORTER

Company: AMV/Dabn Trucking Phone Number: ANDRADES #1  
 Address: 170 DRAKE LANE NJ. Truck # and License Plate: AL718E  
 Driver: WILSON BUOSTAN SW Haulers Permit #: \_\_\_\_\_  
 (Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Wilson Buostan Date and Time: 7/11/13

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: 7/11/13

I hereby certify that the above named material has been accepted at the above referenced facility.  
 Authorized Signature: [Signature] Date and Time: 7/11/13

Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: (732) 541-8989 Fax: (732) 541-8185

Ticket: 387000283225  
Date: 7/11/2013 Time: 09:55:00 Scale: 1  
In: 7/11/2013 09:55:00 Scale: 1  
Out: 7/11/2013 09:58:07 P.T.  
Lbs: Tns  
Gross: 93860 46.93  
Tare: 28460 14.23  
Net: 65400 32.70

Manifest: 782368  
Vehicle ID: ANDRADES3

Customer: FAST DEVELOPMENT LLC

Generator: Fast Development LLC  
Gen Address: 26 Heyward Street - 1L  
Brooklyn, NY 11249

Facility Approval#: 133070906  
Job Name: Fast Development/Fast Develop  
Job Address: 1309 38th Street  
Brooklyn, NY 11249

Origin	Materials & Services	Quantity	Unit
Kings	Soil Treatment Type II Contaminate Type: NON SPECIFIC SOURCE Treatment Type: Bio Fac Waste Code: Petroleum Contaminated Soil	32.70	Tns

Comments:

Driver: \_\_\_\_\_  
Hector

Facility: \_\_\_\_\_  
Lukasz Deglerek



Manifest # 782388

GLOBAL JOB NUMBER: 130585

FACILITY APPROVAL NUMBER: 133070906

Please Check One:

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Other
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <b>Fast Development</b>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
<b>1309 38th Street, Brooklyn NY 11249</b>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: _____	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous soil WC3

GENERATOR'S CERTIFICATION - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Silvestre Castillo Title: Project Manager  
Signature: Silvestre Castillo Date and Time: 7/11/13

TRANSPORTER

Company: AMV/Dabin Trucking Inc Andrad-S3 Phone Number: 973-252-1800/ NJ864  
Address: 190 Drake Lane, Ladgawood, NJ 07852 Truck # and License Plate: Am 880C  
Driver: Hector Coronel SW Haulers Permit #: \_\_\_\_\_ (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 7/11/13

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: \_\_\_\_\_

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 7/11/13

GENERATOR

Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: (732) 541-8989 Fax: (732) 541-8105

Ticket: 337000263229  
Date: 7/11/2013 Time: 10:07:03 Scale: 1  
In: 7/11/2013 10:00:40 P.T.  
Out: 7/11/2013 10:00:40 P.T.  
Lbs: 89020 Tns: 44.51  
Gross: 89020  
Tare: 29340  
Net: 59680

Manifest: 782389  
Vehicle ID: ANDRADES4

Customer: FAST DEVELOPMENT LLC

Generator: Fast Development LLC  
Gen Address: 26 Heyward Street - 1L  
Brooklyn, NY 11249

Facility Approval#: 133070906  
Job Name: Fast Development/Fast Develop  
Job Address: 1309 38th Street  
Brooklyn, NY 11249

Origin	Materials & Services	Quantity	Unit
Kings	Soil Treatment Type II Contaminate Type: NON SPECIFIC SOURCE Treatment Type: Bio Fac Waste Codes: Petroleum Contaminated Soil	29.84	Tns

Comments:

Driver: \_\_\_\_\_  
Nelson

Facility: \_\_\_\_\_  
Lukasz Ceglarek



Manifest # 782389

GLOBAL JOB NUMBER: 130585 FACILITY APPROVAL NUMBER: 133070906

Please Check One:

- Clean Earth of Carteret, Clean Earth of Maryland, Clean Earth of New Castle, Other, Clean Earth of Philadelphia, Clean Earth of North Jersey, Clean Earth of Southeast Pennsylvania

Non-Hazardous Material Manifest

(Type or Print Clearly)

Table with 3 columns: Generator Name & Site Address, Gross Weight, Tare Weight, Net Weight. Includes handwritten address: Fast Development, 1309 38th Street, Brooklyn NY 11249.

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous soil WC3

GENERATOR'S CERTIFICATION - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Silvestre Castillo, Title: Project Manager, Signature: Silvestre Castillo, Date and Time: 7/11/13

TRANSPORTER

Company: AMV/Dabin Trucking Inc, Phone Number: 973-252-1800/NJ864, Address: 190 Drake Lane, Ledgewood, NJ 07852, Truck # and License Plate: Andrade's Taxis AK2015, Driver: Nelson Andrade, SW Haulers Permit #: 4

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Nelson Andrade, Date and Time: 07-11-13

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Nelson Andrade, Date and Time: 7-11-13

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature], Date and Time: 7/11/13

Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: (732) 541-8989 Fax: (732) 541-8105

Ticket: 307000283232  
Date: 7/11/2013 Time: 10:16:51 Scale: 1  
In: 7/11/2013 10:16:51 Scale: 1  
Out: 7/11/2013 10:17:00 P.T.

Manifest: 785342  
Vehicle ID: OJED01

	Lbs	Tns
Gross:	92700	46.39
Tare:	27600	13.80
Net:	65100	32.59

Customer: FAST DEVELOPMENT LLC  
Generator: Fast Development LLC  
Gen Address: 26 Heyward Street - 1L  
Brooklyn, NY 11249

Facility Approval#: 133070906  
Job Name: Fast Development/Fast Develop  
Job Address: 1309 38th Street  
Brooklyn, NY 11249

Origin	Materials & Services	Quantity	Unit
Kings	Soil Treatment Type II Contaminate Type: NON SPECIFIC SOURCE Treatment Type: Bio Fac Waste Code: Petroleum Contaminated Soil	32.59	Tns

Comments:

Driver: \_\_\_\_\_

Facility: \_\_\_\_\_  
Lukasz Ceglarek



Manifest # 785342

GLOBAL JOB NUMBER: 130585 FACILITY APPROVAL NUMBER: 133070906

Please Check One:

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Other
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>Fast Development / Fast Development</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
<u>1304 38th St Brooklyn, NY 11249</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: _____	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous soil WC3

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Silvestro Costello Title: Project Manager  
Signature: Silvestro Costello Date and Time: 7/11/13

TRANSPORTER

Company: AMU Obedai Phone Number: \_\_\_\_\_  
Address: \_\_\_\_\_ Truck # and License Plate: AP307E  
Driver: \_\_\_\_\_ SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: \_\_\_\_\_ Date and Time: 7/11/13

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: \_\_\_\_\_ Date and Time: 7/11/13

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: \_\_\_\_\_ Date and Time: 7/11/13

Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket#: 307000283242  
Date Time Scale  
In: 7/11/2013 10:41:55 Scale 1  
Out: 7/11/2013 10:42:49 P.T.

Manifest: 764335  
Vehicle ID: DI 2

Lbs Tns  
Gross: 96300 48.15  
Tare: 29080 14.94  
Net: 66420 33.21

Customer: FAST DEVELOPMENT LLC

Generator: Fast Development LLC  
Gen Address: 26 Heyward Street - 1L  
Brooklyn, NY 11249

Facility Approval#: 133070906  
Job Name: Fast Development/Fast Develop  
Job Address: 1309 30th Street  
Brooklyn, NY 11249

Origin	Materials & Services	Quantity	Unit
Kings	Soil Treatment: Type II Contaminate Type: NON SPECIFIC SOURCE Treatment Type: Bio Fac Waste Code: Petroleum Contaminated Soil	33.21	Tns

Comments:

Driver: \_\_\_\_\_

Facility: \_\_\_\_\_  
Lukasz Ceglarek



Manifest # - 764335

GLOBAL JOB NUMBER: 130585 FACILITY APPROVAL NUMBER: 133070906

Please Check One:

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Other \_\_\_\_\_
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>FAST DEVELOPMENT</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
<u>309 38TH ST BKLYN</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
<u>11249</u>	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: _____	

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**  
NON HAZ SOIL WE 3

**GENERATOR'S CERTIFICATION** – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.  
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, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Silvestre Castillo Title: Project Manager  
Signature: Silvestre Castillo Date and Time: 7/11/13

**TRANSPORTER**  
Company: AMU DI 2 Phone Number: \_\_\_\_\_  
Address: \_\_\_\_\_ Truck # and License Plate: AN 786 K  
Driver: \_\_\_\_\_ SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: \_\_\_\_\_ Date and Time: 7-11-13

**DESTINATION**  
I hereby certify that the above named material was delivered without incident to the facility noted above.  
Driver Signature: \_\_\_\_\_ Date and Time: \_\_\_\_\_  
I hereby certify that the above named material has been accepted at the above referenced facility.  
Authorized Signature: \_\_\_\_\_ Date and Time: 7/11/13

GENERATOR

Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07000  
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket#: 307000203257  
Date Time Scale  
In: 7/11/2013 11:05:00 Scale 1  
Out: 7/11/2013 11:12:53 P.T.

Manifest: 785343  
Vehicle ID: 5016

Lbs Tns  
Gross: 91160 45.58  
Tare: 29140 14.57  
Net: 62020 31.01

Customer: FAST DEVELOPMENT LLC

Facility Approval#: 133070906  
Job Name: Fast Development/Fast Develop  
Job Address: 1309 30th Street  
Brooklyn, NY 11249

Generator: Fast Development LLC  
Gen Address: 26 Heyward Street - 1L  
Brooklyn, NY 11249

Origin	Materials & Services	Quantity	Unit
Kings	Soil Treatment Type II	31.01	Tns
	Contaminate Type: NON SPECIFIC SOURCE		
	Treatment Type: Bio		
	Fac Waste Code: Petroleum Contaminated Soil		

Comments:

Driver: \_\_\_\_\_  
Juan

Facility: \_\_\_\_\_  
Lukasz Ceglarek



Manifest # 785343

GLOBAL JOB NUMBER: 130585 FACILITY APPROVAL NUMBER: 133070906

Please Check One:

- Clean Earth of Carteret, Maryland, New Castle, Philadelphia, North Jersey, Southeast Pennsylvania

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: FAST DEVELOPMENT / FAST DEVELOPMENT 1309 38th STREET BROOKLYN, NY 11249

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

NON HAZARDOUS WC3

GENERATOR'S CERTIFICATION - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Silvestro Castillo Title: Project Manager
Signature: Silvestro Castillo Date and Time: 7/11/13

TRANSPORTER

Company: AMV / DABIN TRUCKING Phone Number:
Address: LEDGEWOOD NJ Truck # and License Plate: SV # 16
Driver: JUAN MERA SW Haulers Permit #: AN-8980

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 07/11/13

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: 07/11/13

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 7/11/13

GENERATOR

Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: (732) 541-8989 Fax: (732) 541-8105

Ticket: 307000263263  
Date: 7/11/2013 Time: 11:18:42 Scale: 1  
In: 7/11/2013 11:18:42 Scale: 1  
Out: 7/11/2013 11:28:26 P.T.

Manifest: 785341  
Vehicle ID: DI 4

Lbs Tns  
Gross: 95900 47.95  
Tare: 29760 14.88  
Net: 66140 33.07

Customer: FAST DEVELOPMENT LLC

Facility Approval#: 133070906

Generator: Fast Development LLC  
Gen Address: 26 Heyward Street - 1L  
Brooklyn, NY 11249

Job Name: Fast Development/Fast Develop  
Job Address: 1369 38th Street  
Brooklyn, NY 11249

Origin	Materials & Services	Quantity	Unit
Kings	Soil Treatment Type II Contaminate Type: NON SPECIFIC SOURCE Treatment Type: Bio Fac Waste Code: Petroleum Contaminated Soil	33.07	Tns

Comment:

Driver: \_\_\_\_\_  
Danilo

Facility: \_\_\_\_\_  
Lukasz Ceglarek



Manifest # 785341

GLOBAL JOB NUMBER: 1305815 FACILITY APPROVAL NUMBER: 133070906

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Other \_\_\_\_\_
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700

**Non-Hazardous Material Manifest**

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>East Development</u> <u>1309 38th St Brooklyn</u> <u>11248</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: _____	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**  
NON HAZ SOIL W3

**GENERATOR'S CERTIFICATION** – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Silvestro Castano Title: Project Manager  
 Signature: Silvestro Castano Date and Time: 7/11/13

**TRANSPORTER**

Company: AMV IDI Phone Number: \_\_\_\_\_  
 Address: \_\_\_\_\_ Truck # and License Plate: AP191K #4  
 Driver: Daniela SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 07/11/13

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: 07/11/13

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 7/11/13

Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07006  
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 307000203269

	Date	Time	Scale
In:	7/11/2013	11:31:35	Scale 1
Out:	7/11/2013	11:41:41	P.T.

Manifest: 783566  
Vehicle ID: NCB2

	Lbs	Tns
Gross:	61300	44.10
Tare:	26900	13.45
Net:	61300	30.65

Customer: FAST DEVELOPMENT LLC  
Generator: Fast Development LLC  
Gen Address: 26 Heyward Street - 1L  
Brooklyn, NY 11249

Facility Approval#: 133070906  
Job Name: Fast Development/Fast Develop  
Job Address: 1309 38th Street  
Brooklyn, NY 11249

Origin	Materials & Services	Quantity	Unit
Kings	Soil Treatment Type II Contaminate Type: NON SPECIFIC SOURCE Treatment Type: Bio Fac Waste Code: Petroleum Contaminated Soil	30.65	Tns

Comments:

Driver: \_\_\_\_\_  
Angel

Facility: \_\_\_\_\_  
Lukasz Ceglarek



Manifest # 785566

GLOBAL JOB NUMBER: 130585

FACILITY APPROVAL NUMBER: 133070906

Please Check One:

- Clean Earth of Carteret, Clean Earth of Maryland, Clean Earth of New Castle, Other, Clean Earth of Philadelphia, Clean Earth of North Jersey, Clean Earth of Southeast Pennsylvania

Non-Hazardous Material Manifest

(Type or Print Clearly)

Generator's Name & Site Address: fast Development, 1309 38th Street Brooklyn, NY 11249. Gross Weight, Tare Weight, Net Weight sections.

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non Haz Soil WCB

GENERATOR'S CERTIFICATION - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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...

Name: Silvestre Castillo, Title: Project Manager, Signature: Silvestre Castillo, Date and Time: 7/11/13

TRANSPORTER

Company: AMV/Dubin Trucking, Phone Number: 973/252/1800 NJ 864, Address: 190 Drake Lane, Truck # and License Plate: 02 AN639J MCB, Driver: Angel Reyes, SW Haulers Permit #:

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Angel Reyes, Date and Time: 7/11/13

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Angel Reyes, Date and Time: 7/11/13

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature], Date and Time: 7/11/13

GENERATOR

Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 387000283276

	Date	Time	Scale
In:	7/11/2013	12:20:17	Scale 1
Out:	7/11/2013	12:20:38	P.T.

Manifest: 785344  
Vehicle ID: GRANDA17

	Lbs	Tns
Gross:	92060	46.03
Tare:	27460	13.73
Net:	64600	32.30

Customer: FAST DEVELOPMENT LLC  
Generator: Fast Development LLC  
Gen Address: 26 Heyward Street - 1L  
Brooklyn, NY 11249

Facility Approval#: 133070906  
Job Name: Fast Development/Fast Develop  
Job Address: 1309 38th Street  
Brooklyn, NY 11249

Origin	Materials & Services	Quantity	Unit
Kings	Soil Treatment Type II Contaminate Type: NON SPECIFIC SOURCE Treatment Type: Bio Fac Waste Code: Petroleum Contaminated Soil	32.30	Tns

Comments:

Driver: \_\_\_\_\_  
Jose

Facility: \_\_\_\_\_  
Lukasz Ceglarek



Manifest # 785344

GLOBAL JOB NUMBER: 130585 FACILITY APPROVAL NUMBER: 133070906

Please Check One:

- Clean Earth of Carteret, Clean Earth of Maryland, Clean Earth of New Castle, Other, Clean Earth of Philadelphia, Clean Earth of North Jersey, Clean Earth of Southeast Pennsylvania

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: Fast Development 1309 38th St Brooklyn, NY 11249
GROSS WEIGHT: Tons Yards
TARE WEIGHT: Tons Yards
GENERATOR'S PHONE:
NET WEIGHT: Tons Yards

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous soil WC2

GENERATOR'S CERTIFICATION - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Silvestre Castillo Title: Project Manager
Signature: Silvestre Castillo Date and Time: 7/11/13

TRANSPORTER

Company: AMU Phone Number: #117
Address: Truck # and License Plate: I 6AANDBA AP6991
Driver: SW Haulers Permit #: (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Date and Time: 07-11-13

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time:

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 7/11/13

GENERATOR

Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: (732) 541-8989 Fax: (732) 541-8105

Ticket#: 307000283277

	Date	Time	Scale
In:	7/11/2013	12:22:15	Scale 1
Out:	7/11/2013	12:22:25	P.T.

Manifest: 785567  
Vehicle ID: ANORADES1

	Lbs	Tns
Gross:	95600	47.84
Tare:	25600	12.80
Net:	70000	35.04

Customer: FAST DEVELOPMENT LLC  
Generator: Fast Development LLC  
Gen Address: 26 Heyward Street - 11.  
Brooklyn, NY 11249

Facility Approval#: 133070906  
Job Name: Fast Development/Fast Develop  
Job Address: 1309 38th Street  
Brooklyn, NY 11249

Origin	Materials & Services	Quantity	Unit
Kings	Soil Treatment Type II Contaminate Type: NON SPECIFIC SOURCE Treatment Type: Bio Fac Waste Code: Petroleum Contaminated Soil	35.04	Tns

Comments:

Driver: \_\_\_\_\_  
Wilson

Facility: \_\_\_\_\_  
Lukasz Ceglarek



Manifest # 785567

GLOBAL JOB NUMBER: 130589

FACILITY APPROVAL NUMBER: 133070906

Please Check One:

- Clean Earth of Carteret, Maryland, New Castle, Philadelphia, North Jersey, Southeast Pennsylvania

Non-Hazardous Material Manifest

(Type or Print Clearly)

Generator information table including name, address, gross weight, tare weight, and net weight.

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

NON-HAZARDOUS SOIL WCB

GENERATOR'S CERTIFICATION - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10...

Name: Silvestro Castillo Title: Project Manager
Signature: Silvestro Castillo Date and Time: 7/11/13

TRANSPORTER

Company: AMV/DABIN TRUCKING Phone Number: ANDRADIS #1
Address: 190 DRAKI LANE N.J. Truck # and License Plate: A2718E
Driver: WILSON BUESTA SW Haulers Permit #: (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Wilson Buesta Date and Time: 7/11/13

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Wilson Buesta Date and Time: 7/11/13

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 7/11/13

GENERATOR

Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: (732) 541-8989 Fax: (732) 541-8105

Ticket: 307000263285

	Date	Time	Scale
In:	7/11/2013	12:34:52	Scale 1
Out:	7/11/2013	12:36:35	P.T.

Manifest: 766288  
Vehicle ID: ANDRADES3

	Lbs	Tns
Gross:	94460	47.23
Tare:	28460	14.23
Net:	66000	33.00

Customer: FAST DEVELOPMENT LLC

Facility Approval#: 133070906

Generator: Fast Development LLC  
Gen Address: 26 Heyward Street - 1L  
Brooklyn, NY 11249

Job Name: Fast Development/Fast Develop  
Job Address: 1309 38th Street  
Brooklyn, NY 11249

Origin	Materials & Services	Quantity	Unit
Kings	Soil Treatment Type II Contaminate Type: NON SPECIFIC SOURCE Treatment Type: Bio Fac Waste Code: Petroleum Contaminated Soil	33.00	Tns

Comments:

Driver: \_\_\_\_\_  
Hector

Facility: \_\_\_\_\_  
Lukasz Ceglarek



Manifest # 766208

GLOBAL JOB NUMBER: 130585 FACILITY APPROVAL NUMBER: 133070906

Please Check One:

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Other \_\_\_\_\_
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>FAST DEVELOPMENT</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
<u>1309 38th Street Brooklyn</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
<u>NY 11249</u>	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: _____	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous soil WC2

**GENERATOR'S CERTIFICATION** – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Silvestre Castillo Title: Project Manager  
 Signature: Silvestre Castillo Date and Time: 7/11/13

TRANSPORTER

Company: AMV/DABIN Trucking Phone Number: \_\_\_\_\_  
 Address: ANDRES #3 Truck # and License Plate: Am 880 C  
 Driver: Hector Coronel SW Haulers Permit #: \_\_\_\_\_  
 (Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Hector Coronel Date and Time: 7/11/13

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: \_\_\_\_\_ Date and Time: \_\_\_\_\_

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: \_\_\_\_\_ Date and Time: 7/11/13

GENERATOR

Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: (732) 541-8909 Fax: (732) 541-8185

Ticket: 307000283298

	Date	Time	Scale
In:	7/11/2013	13:02:18	Scale 1
Out:	7/11/2013	13:04:29	P.T.

Manifest: 785565  
Vehicle ID: ANDRADES4

	Lbs	Tns
Gross:	89700	44.85
Tare:	29340	14.67
Net:	60360	30.18

Customer: FAST DEVELOPMENT LLC

Facility Approval#: 133070906

Generator: Fast Development LLC  
Gen Address: 26 Hayward Street - 1L  
Brooklyn, NY 11249

Job Name: Fast Development/Fast Develop  
Job Address: 1309 38th Street  
Brooklyn, NY 11249

Origin	Materials & Services	Quantity	Unit
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Kings	Soil Treatment Type II	30.18	Tns
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Contaminate Type: NON SPECIFIC SOURCE  
Treatment Type: Bio  
Fac Waste Code: Petroleum Contaminated Soil

Comments:

Driver: \_\_\_\_\_  
Nelson

Facility: \_\_\_\_\_  
Lukasz Ceglarek



Manifest # 785565

GLOBAL JOB NUMBER: 130585 FACILITY APPROVAL NUMBER: 133070906

Please Check One:

- Clean Earth of Carteret, Clean Earth of Maryland, Clean Earth of New Castle, Other, Clean Earth of Philadelphia, Clean Earth of North Jersey, Clean Earth of Southeast Pennsylvania

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: Fast Development 1309 38th St Brooklyn N.Y 11219
GROSS WEIGHT: Tons Yards
TARE WEIGHT: Tons Yards
NET WEIGHT: Tons Yards

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

NON HAZARDOUS SOIL WC2 WC2

GENERATOR'S CERTIFICATION - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected. I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10...

Name: Silvestre Castillo Title: Project Manager
Signature: Silvestre Castillo Date and Time: 7/11/13

TRANSPORTER
Company: AMV/DAVIN Trucking INC
Address: 180 DEAKE Lane Ledywood NJ
Driver: Nelson Andrade
Phone Number:
Truck # and License Plate: Andrade's AK2015
SW Haulers Permit #: 4 (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.
Driver Signature: Nelson Andrade Date and Time: 7-11-13

DESTINATION
I hereby certify that the above named material was delivered without incident to the facility noted above.
Driver Signature: Nelson Andrade Date and Time: 7-11-13
I hereby certify that the above named material has been accepted at the above referenced facility.
Authorized Signature: Date and Time: 7/11/13

Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07009  
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 307000283309  
Date: 7/11/2013 Time: 13:30:14 Scale: 1  
In: 7/11/2013 13:30:14 Scale: 1  
Out: 7/11/2013 13:31:08 P.T.  
Lbs Tns  
Gross: 94200 47.11  
Tare: 27600 13.00  
Net: 66600 33.31

Manifest: 785345  
Vehicle ID: QJEDAL  
Customer: FAST DEVELOPMENT LLC  
Generator: Fast Development LLC  
Gen Address: 26 Heyward Street - 1L  
Brooklyn, NY 11249

Facility Approval#: 133070906  
Job Name: Fast Development/Fast Develop  
Job Address: 1309 38th Street  
Brooklyn, NY 11249

Origin	Materials & Services	Quantity	Unit
Kings	Soil Treatment Type II Contaminate Type: NON SPECIFIC SOURCE Treatment Type: Bio Fac Waste Code: Petroleum Contaminated Soil	33.31	Tns

Comments:

Drivers: \_\_\_\_\_

Facility: \_\_\_\_\_  
Lukasz Ceglarek



Manifest # 785345

GLOBAL JOB NUMBER: 130585

FACILITY APPROVAL NUMBER: 133070906

Please Check One:

- Clean Earth of Carteret, Clean Earth of Maryland, Clean Earth of New Castle, Other, Clean Earth of Philadelphia, Clean Earth of North Jersey, Clean Earth of Southeast Pennsylvania

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: Fast Development, 1309 38th St, Brooklyn, NY 11249. GROSS WEIGHT, TARE WEIGHT, NET WEIGHT sections.

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous soil WC2

GENERATOR'S CERTIFICATION - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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...

Name: Silvestre Castillo, Title: Project manager, Signature: Silvestre Castillo, Date and Time: 7/11/13

TRANSPORTER

Company: AMV, Phone Number, Address, Truck # and License Plate: DSEPA 01 AP 3076, Driver, SW Haulers Permit #, (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature], Date and Time: 7/11/13

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature], Date and Time: 7/11/13

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature], Date and Time: 7/11/13

GENERATOR

Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: (732) 541-8989 Fax: (732) 541-8105

Ticket: 307000203318  
Date Time Scale  
In: 7/11/2013 14:14:00 Scale 1  
Out: 7/11/2013 14:15:02 P.T.

Manifest: 785346  
Vehicle ID: DI 2

Lbs Tns  
Gross: 98240 49.12  
Tare: 29800 14.94  
Net: 68360 34.18

Customer: FAST DEVELOPMENT LLC

Facility Approval#: 133070906

Generator: Fast Development LLC  
Gen Address: 26 Hayward Street - 1L  
Brooklyn, NY 11249

Job Name: Fast Development/Fast Develop  
Job Address: 1309 38th Street  
Brooklyn, NY 11249

Origin	Materials & Services	Quantity	Unit
Kings	Soil Treatment Type II Contaminate Type: NON SPECIFIC SOURCE Treatment Type: Bio Fac Waste Code: Petroleum Contaminated Soil	34.18	Tns

Comments:

Driver: \_\_\_\_\_  
Wilson

Facility: \_\_\_\_\_  
Lukasz Ceglarek



Manifest # 785346

GLOBAL JOB NUMBER: 130585

FACILITY APPROVAL NUMBER: 133070906

Please Check One:

- Clean Earth of Carteret, Clean Earth of Maryland, Clean Earth of New Castle, Other, Clean Earth of Philadelphia, Clean Earth of North Jersey, Clean Earth of Southeast Pennsylvania

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: Fast Development 1309 38th St Brooklyn, NY 11249
GROSS WEIGHT: Tons Yards
TARE WEIGHT: Tons Yards
NET WEIGHT: Tons Yards

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous soil WCB

GENERATOR'S CERTIFICATION - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Silvestre Castillo Title: Project Manager
Signature: Silvestre Castillo Date and Time: 7/11/13

TRANSPORTER

Company: DI TRK Phone Number:
Address: NEWARK - NJ Truck # and License Plate: AN 286 K #2
Driver: Wilson SW Haulers Permit #:
(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Date and Time: 7-11-13

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time:

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 7/11/13

GENERATOR

Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket#: 307000203323  
Date: 7/11/2013 Time: 14:37:16 Scale: 1  
In: 7/11/2013 14:37:16 Scale: 1  
Out: 7/11/2013 14:38:44 P.T.  
Lbs Tns  
Gross: 92400 46.21  
Tare: 29140 14.57  
Net: 63260 31.64

Manifest: 785347  
Vehicle ID: SV16

Customer: FAST DEVELOPMENT LLC

Generator: Fast Development LLC  
Gen Address: 26 Heyward Street - 1L  
Brooklyn, NY 11249

Facility Approval#: 133070906  
Job Name: Fast Development/Fast Develop  
Job Address: 1309 38th Street  
Brooklyn, NY 11249

Origin Materials & Services Quantity Unit

Kings Soil Treatment Type II 31.64 Tns

Contaminate Type: NON SPECIFIC SOURCE  
Treatment Type: Bio  
Fac Waste Code: Petroleum Contaminated Soil

Comments:

Driver: Juan

Facility: Lukasz Ceglarek



Manifest # 785347

GLOBAL JOB NUMBER: 130585 FACILITY APPROVAL NUMBER: 133070906

Please Check One:

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Other  
\_\_\_\_\_
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>Fast Development</u> <u>1309 38th street</u> <u>Brooklyn, NY 11249</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: _____	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-Hazardous soil WC#3

**GENERATOR'S CERTIFICATION** – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Silvestre Castillo Title: Project Manager  
 Signature: Silvestre Castillo Date and Time: 7/11/13

**TRANSPORTER**

Company: AMV/DABIN TRUCKING Phone Number: \_\_\_\_\_  
 Address: LEDGEWOOD NJ Truck # and License Plate: SV #16  
 Driver: JUAN MERA SW Haulers Permit #: AN-8980 NJ  
 (Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 07/11/13

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: 07/11/13

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 7/11/13

Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: (732) 541-8989 Fax: (732) 541-8105

Ticket: 30700028328

	Date	Time	Scale
In:	7/11/2013	14:58:40	Scale 1
Out:	7/11/2013	14:59:11	P.T.

Manifest: 785348  
Vehicle ID: MCB2

	Lbs	Tns
Gross:	93460	46.73
Tare:	26900	13.45
Net:	66560	33.28

Customer: FAST DEVELOPMENT LLC

Facility Approval#: 133070906

Generator: Fast Development LLC  
Gen Address: 26 Heyward Street - 1L  
Brooklyn, NY 11249

Job Name: Fast Development/Fast Develop  
Job Address: 1309 30th Street  
Brooklyn, NY 11249

Origin	Materials & Services	Quantity	Unit
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Kings	Soil Treatment Type II	33.28	Tns
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Contaminate Type: NON SPECIFIC SOURCE  
Treatment Type: Bio  
Fac Waste Code: Petroleum Contaminated Soil

Comments:

Driver: \_\_\_\_\_  
Angel

Facility: \_\_\_\_\_  
Lukasz Ceglarek



Manifest # 785348

GLOBAL JOB NUMBER: 130585

FACILITY APPROVAL NUMBER: 133070906

Please Check One:

- Clean Earth of Carteret, Clean Earth of Maryland, Clean Earth of New Castle, Other, Clean Earth of Philadelphia, Clean Earth of North Jersey, Clean Earth of Southeast Pennsylvania

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: Fast Development, 1309 38th Street, Brooklyn, NY 11249. GROSS WEIGHT, TARE WEIGHT, NET WEIGHT sections.

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous soil w/3

GENERATOR'S CERTIFICATION - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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...

Name: Silvestre Castillo, Title: Project Manager, Signature: Silvestre Castillo, Date and Time: 7/11/13

TRANSPORTER

Company: AMV Trucking, Phone Number: 973/252/1560, Address: 190 Drake Ln, Truck # and License Plate: 02 AN639J MCB, Driver: Angel Reyes, SW Haulers Permit #:

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature], Date and Time: 7/11/13

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature], Date and Time: 7/11/13

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature], Date and Time: 7/11/13

Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 307000283332

	Date	Time	Scale
In:	7/11/2013	15:33:31	Scale 1
Out:	7/11/2013	15:33:58	P.T.

Manifest: 785543  
Vehicle ID: ANDRADES1

	Lbs	Tns
Gross:	91960	45.98
Tare:	25600	12.80
Net:	66360	33.18

Customer: FAST DEVELOPMENT LLC

Facility Approval#: 133070906

Generator: Fast Development LLC  
Gen Address: 26 Heyward Street - 1L  
Brooklyn, NY 11249

Job Name: Fast Development/Fast Develop  
Job Address: 1309 38th Street  
Brooklyn, NY 11249

Origin	Materials & Services	Quantity	Unit
--------	----------------------	----------	------

Kings	Soil Treatment Type II	33.18	Tns
-------	------------------------	-------	-----

Contaminate Type: NON SPECIFIC SOURCE  
Treatment Type: Bio  
Fac Waste Code: Petroleum Contaminated Soil

Comment:

Driver: Wilson

Facility: Lukasz Ceglarek



Manifest # 785543

GLOBAL JOB NUMBER: 130585 FACILITY APPROVAL NUMBER: 133070906

Please Check One:

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Other
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>FAST Development / FAST</u> <u>1309 38 ST</u> <u>BROOKLYN N.Y.</u>	GROSS WEIGHT:	
	<input type="checkbox"/> Tons <input type="checkbox"/> Yards	
GENERATOR'S PHONE: _____	TARE WEIGHT:	
	<input type="checkbox"/> Tons <input type="checkbox"/> Yards	
	NET WEIGHT:	
	<input type="checkbox"/> Tons <input type="checkbox"/> Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

NON HAZARDOUS SOIL WCB

GENERATOR'S CERTIFICATION - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Silvestre Castillo Title: Project Manager  
 Signature: Silvestre Castillo Date and Time: 7/11/13

TRANSPORTER

Company: AMV / Dabin Truck Phone Number: ANDRADAS # 1  
 Address: 190 Drake Lane N.J. Truck # and License Plate: AL718E  
 Driver: Wilson Bustan SW Haulers Permit #: \_\_\_\_\_  
 (Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 7/11/13

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: 7/11/13

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 7/11/13

Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 307000203333  
Date: 7/11/2013 Time: 15:40:38 Scale: 1  
In: 7/11/2013 15:41:42 P.T.  
Out: 7/11/2013 15:41:42 P.T.

Manifest: 785349  
Vehicle ID: ANDRADES3

Lbs Tns  
Gross: 89840 44.92  
Tare: 28460 14.23  
Net: 61380 30.69

Customer: FAST DEVELOPMENT LLC

Facility Approval#: 133070906

Generator: Fast Development LLC  
Gen Address: 26 Hayward Street - 1L  
Brooklyn, NY 11249

Job Name: Fast Development/Fast Develop  
Job Address: 1309 38th Street  
Brooklyn, NY 11249

Origin	Materials & Services	Quantity	Unit
Kings	Soil Treatment Type II Contaminate Type: NON SPECIFIC SOURCE Treatment Type: Bio Fac Waste Code: Petroleum Contaminated Soil	30.69	Tns

Comments:

Driver: \_\_\_\_\_  
hector

Facility: \_\_\_\_\_  
Lukasz Ceglarek



Manifest # 785349

GLOBAL JOB NUMBER: 130585 FACILITY APPROVAL NUMBER: 133070906

Please Check One:

- Clean Earth of Carteret, Clean Earth of Maryland, Clean Earth of New Castle, Other, Clean Earth of Philadelphia, Clean Earth of North Jersey, Clean Earth of Southeast Pennsylvania

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: Fast Development, 1309 38th Street, Brooklyn, NY 11249. GROSS WEIGHT, TARE WEIGHT, NET WEIGHT fields.

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous soil WCB

GENERATOR'S CERTIFICATION - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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...

Name: Silvestro Castino, Title: Project Manager, Signature: Silvestro Castino, Date and Time: 7/11/13

TRANSPORTER

Company: ANDRADES #3, Address: Newark, Driver: Hector Coronel, Phone Number, Truck # and License Plate, SW Haulers Permit #

(Type or Print Clearly)

(applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature], Date and Time: 7/11/13

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature], Date and Time: [Blank]

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature], Date and Time: 7/11/13

GENERATOR

Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: (732) 541-8589 Fax: (732) 541-8105

Ticket: 307000203578  
Date: 7/15/2013 Time: 09:37:23 Scale: Scale 1  
In: 7/15/2013 09:37:23 Scale 1  
Out: 7/15/2013 09:49:01 P.T.  
Lbs: 92460 Tns: 46.23  
Gross: 92460  
Tare: 27380  
Net: 65080

Manifest: 782539  
Vehicle ID: ANDRADES2  
Customer: FAST DEVELOPMENT LLC

Facility Approval#: 133070906  
Job Name: Fast Development/Fast Develop  
Job Address: 1309 38th Street  
Brooklyn, NY 11249

Generator: Fast Development LLC  
Gen Address: 25 Hayward Street - 1L  
Brooklyn, NY 11249

Origin	Materials & Services	Quantity	Unit
Kings	Soil Treatment Type II Contaminate Type: NON SPECIFIC SOURCE Treatment Type: Bio Fac Waste Code: Petroleum Contaminated Soil	32.54	Tns

Comments:

Driver: \_\_\_\_\_  
Romelo

Facility: \_\_\_\_\_  
Lukasz Ceglarek



Manifest # 782539

130585

133070906

GLOBAL JOB NUMBER: \_\_\_\_\_ FACILITY APPROVAL NUMBER: \_\_\_\_\_

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Other  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700

**Non-Hazardous Material Manifest**

(Type or Print Clearly)

<b>GENERATOR'S NAME &amp; SITE ADDRESS:</b> <i>Fast Development</i> 1308 38th Street, Brooklyn, NY 11249	<b>GROSS WEIGHT:</b> <input type="checkbox"/> Tons <input type="checkbox"/> Yards
<b>GENERATOR'S PHONE:</b> _____	<b>TARE WEIGHT:</b> <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	<b>NET WEIGHT:</b> <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

*Non-hazardous soil WC3*

**GENERATOR'S CERTIFICATION** – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: *Silvestre Castillo* Title: *Project Manager*  
 Signature: *Silvestre Castillo* Date and Time: *7/15/13*

**TRANSPORTER** *AMV/Dabin Trucking Inc*

Company: *190 Drake Lane, Ledgewood, NJ 07852* Phone Number: *908-810-1705/ NJ864*  
 Address: \_\_\_\_\_ Truck # and License Plate: *AP39113* *AW1245VDS #2*  
 Driver: *Pomales* SW Haulers Permit #: \_\_\_\_\_ (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: *[Signature]* Date and Time: *07-15-13*

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: \_\_\_\_\_ Date and Time: *02-15-13*

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: *[Signature]* Date and Time: *7/15/13*

GENERATOR

Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: (732) 541-8989 Fax: (732) 541-8105

Ticket: 307000283588  
Date: 7/15/2013 Time: 10:09:22 Scale: 1  
In: 7/15/2013 10:09:22 Scale: 1  
Out: 7/15/2013 10:14:22 P.T.  
Lbs Tns  
Gross: 95120 47.56  
Tare: 29140 14.57  
Net: 65980 32.99

Manifest: 782542  
Vehicle ID: SV16

Customer: FAST DEVELOPMENT LLC

Facility Approval#: 133070906

Generator: Fast Development LLC  
Gen Address: 26 Heyward Street - 1L  
Brooklyn, NY 11249

Job Name: Fast Development/Fast Develop  
Job Address: 1309 38th Street  
Brooklyn, NY 11249

Origin	Materials & Services	Quantity	Unit
Kings	Soil Treatment Type II Contaminate Type: NON SPECIFIC SOURCE Treatment Type: Bio Fac Waste Code: Petroleum Contaminated Soil	32.99	Tns

Comments:

Driver: \_\_\_\_\_  
JUAN

Facility: \_\_\_\_\_  
Lukasz Ceglarek



Manifest # 782542

130585

133070906

GLOBAL JOB NUMBER:

FACILITY APPROVAL NUMBER:

Please Check One:

- Clean Earth of Carteret, Clean Earth of Maryland, Clean Earth of New Castle, Other, Clean Earth of Philadelphia, Clean Earth of North Jersey, Clean Earth of Southeast Pennsylvania

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: Fast Development 1308 38th Street, Brooklyn, NY 11249. GROSS WEIGHT, TARE WEIGHT, NET WEIGHT fields with checkboxes for Tons and Yards.

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous soil wc3

GENERATOR'S CERTIFICATION - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected. I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10...

Name: Silvestre Restillo, Title: Project Manager, Signature: Silvestre Restillo, Date and Time: 7/15/13

TRANSPORTER: AMV/Dabin Trucking Inc, 190 Drake Lane, Ledgewood, NJ 07852. Phone Number: 908-810-1705/NJ864. Driver: JUAN MERA. Truck # and License Plate: SV#16 AN-898U.

I hereby certify that the above named material was picked up at the site listed above. Driver Signature: [Signature], Date and Time: 07/15/13

DESTINATION. I hereby certify that the above named material was delivered without incident to the facility noted above. Driver Signature: [Signature], Date and Time: 07/15/13. I hereby certify that the above named material has been accepted at the above referenced facility. Authorized Signature: [Signature], Date and Time: 7/15/13

GENERATOR

Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 3070002903594

	Date	Time	Scale
In:	7/15/2013	10:19:04	Scale 1
Out:	7/15/2013	10:25:20	P.T.

Manifest: 702550  
Vehicle ID: NICK30

	Lbs	Tns
Gross:	90240	45.12
Tare:	25620	12.81
Net:	64620	32.31

Customer: FAST DEVELOPMENT LLC

Generator: Fast Development LLC  
Gen Address: 26 Heyward Street - 1L  
Brooklyn, NY 11249

Facility Approval#: 133670906  
Job Name: Fast Development/Fast Develop  
Job Address: 1309 30th Street  
Brooklyn, NY 11249

Origin	Materials & Services	Quantity	Unit
--------	----------------------	----------	------

Kings	Soil Treatment Type II	32.31	Tns
-------	------------------------	-------	-----

Contaminate Type: NON SPECIFIC SOURCE  
Treatment Type: Bio  
Fac Waste Code: Petroleum Contaminated Soil

Comments:

Driver: \_\_\_\_\_  
Gustavo

Facility: \_\_\_\_\_  
Lukasz Ceglarek



Manifest # 782550

130585

133070906

GLOBAL JOB NUMBER: \_\_\_\_\_

FACILITY APPROVAL NUMBER: \_\_\_\_\_

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Other  
\_\_\_\_\_  
\_\_\_\_\_
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700

### Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <i>Fast Development</i> <b>1309 38th Street, Brooklyn, NY 11249</b>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: _____	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

*Non-Hazardous soil WCS*

**GENERATOR'S CERTIFICATION** – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: *Silvestro Castillo* Title: *Project Manager*  
 Signature: *Silvestro Castillo* Date and Time: *7/15/13*

**TRANSPORTER** *AMV/Dabin Trucking Inc* *NICK 30* Phone Number: *908-810-1705/NJ864*  
 Company: *180 Drake Lane, Ledgewood, NJ 07032* Truck # and License Plate: *AM 548 V*  
 Address: \_\_\_\_\_ SW Haulers Permit #: \_\_\_\_\_  
 Driver: *[Signature]* (Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: *[Signature]* Date and Time: \_\_\_\_\_

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: *[Signature]* Date and Time: \_\_\_\_\_

I hereby certify that the above named material has been accepted at the above referenced facility  
 Authorized Signature: *[Signature]* Date and Time: *7/15/13*

**GENERATOR**

Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket#: 307000283596  
Date: 7/15/2013 Time: 10:26:58 Scale: 1  
In: 7/15/2013 10:26:58 Scale: 1  
Out: 7/15/2013 10:27:06 P.T.  
Lbs Tns  
Gross: 96800 40.40  
Tare: 27600 13.00  
Net: 69200 34.60

Manifest: 782545  
Vehicle ID: QJEDA1

Customer: FAST DEVELOPMENT LLC

Generator: Fast Development LLC  
Gen Address: 26 Heyward Street - 1L  
Brooklyn, NY 11249

Facility Approval#: 133070906  
Job Name: Fast Development/Fast Develop  
Job Address: 1309 38th Street  
Brooklyn, NY 11249

Origin	Materials & Services	Quantity	Unit
Kings	Soil Treatment Type II Contaminate Type: NON SPECIFIC SOURCE Treatment Type: Bio Fac Waste Code: Petroleum Contaminated Soil	34.60	Tns

Comments:

Driver: \_\_\_\_\_  
Walber

Facility: \_\_\_\_\_  
Lukasz Ceglarek



Manifest # 782545

130585

133070906

GLOBAL JOB NUMBER: \_\_\_\_\_ FACILITY APPROVAL NUMBER: \_\_\_\_\_

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Other  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700

### Non-Hazardous Material Manifest

(Type or Print Clearly)

<b>GENERATOR'S NAME &amp; SITE ADDRESS:</b> <i>Fast Development</i> <i>1308 38th Street, Brooklyn, NY 11249</i>	<b>GROSS WEIGHT:</b> <input type="checkbox"/> Tons <input type="checkbox"/> Yards
<b>GENERATOR'S PHONE:</b> _____	<b>TARE WEIGHT:</b> <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	<b>NET WEIGHT:</b> <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

*Non-Hazardous soil WCB*

**GENERATOR'S CERTIFICATION** – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: *Silvestre Castillo* Title: *Project Manager*  
 Signature: *Silvestre Castillo* Date and Time: *7/15/13*

**TRANSPORTER**

Company: *AMV/Dabin Trucking Inc* Phone Number: *908-810-1705/ NJ864*  
 Address: *190 Drake Lane, Ladgawood, NJ 07852* Truck # and License Plate: *APJ07E-01*  
 Driver: *WAILO* SW Haulers Permit #: \_\_\_\_\_ (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: *[Signature]* Date and Time: *7/15/13*

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: \_\_\_\_\_ Date and Time: *7/15/13*  
 I hereby certify that the above named material has been accepted at the above referenced facility.  
 Authorized Signature: *[Signature]* Date and Time: *7/15/13*

Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 307000283606  
Date Time Scale  
In: 7/15/2013 10:35:48 Scale 1  
Out: 7/15/2013 10:42:16 P.T.  
Lbs Tns  
Gross: 92900 46.45  
Tare: 38148 15.07  
Net: 62760 31.38

Manifest: 782547  
Vehicle ID: M00N02

Customer: FAST DEVELOPMENT LLC

Generator: Fast Development LLC  
Gen Address: 26 Heyward Street - 1L  
Brooklyn, NY 11249

Facility Approval#: 133070906  
Job Name: Fast Development/Fast Develop  
Job Address: 1309 38th Street  
Brooklyn, NY 11249

Origin	Materials & Services	Quantity	Unit
Kings	Soil Treatment Type II Contaminate Type: NON SPECIFIC SOURCE Treatment Type: Bio Fac Waste Code: Petroleum Contaminated Soil	31.38	Tns

Comments:

Driver: \_\_\_\_\_  
Angel

Facility: \_\_\_\_\_  
Lukasz Ceglarek



Manifest # 782547

130585

133070906

GLOBAL JOB NUMBER:

FACILITY APPROVAL NUMBER:

Please Check One:

- Clean Earth of Carteret, Clean Earth of Maryland, Clean Earth of New Castle, Other, Clean Earth of Philadelphia, Clean Earth of North Jersey, Clean Earth of Southeast Pennsylvania

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: Fast Development, 1309 38th Street, Brooklyn, NY 11249. GROSS WEIGHT, TARE WEIGHT, NET WEIGHT fields.

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous soil WC3

GENERATOR'S CERTIFICATION - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected. I hereby certify that the above named material does not contain free liquid...

Name: Silvestre Castillo, Title: Project Manager, Signature: Silvestre Castillo, Date and Time: 7/15/13

TRANSPORTER: AMV/Dabin Trucking Inc, Moon, NJ. Company, Address, Driver: ANGEL L LEMA, Phone Number, Truck # and License Plate: #02 AP357L NJ, SW Haulers Permit #.

I hereby certify that the above named material was picked up at the site listed above. Driver Signature: Angel Lema, Date and Time: 07-15-13

DESTINATION: I hereby certify that the above named material was delivered without incident to the facility noted above. Driver Signature: Angel Lema, Date and Time: 07-15-13. I hereby certify that the above named material has been accepted at the above referenced facility. Authorized Signature: [Signature], Date and Time: 7/15/13

Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 307000283658

	Date	Time	Scale
In:	7/15/2013	12:30:04	Scale 1
Out:	7/15/2013	12:45:03	P.T.

Manifest: 702535  
Vehicle ID: PCB2

	Lbs	Tns
Gross:	97200	48.64
Tare:	26900	13.45
Net:	70300	35.19

Customer: FAST DEVELOPMENT LLC

Facility Approval#: 133070906

Generator: Fast Development LLC  
Gen Address: 26 Heyward Street - 1L  
Brooklyn, NY 11249

Job Name: Fast Development/Fast Develop  
Job Address: 1309 30th Street  
Brooklyn, NY 11249

Origin	Materials & Services	Quantity	Unit
Kings	Soil Treatment: Type II Contaminate Type: NON SPECIFIC SOURCE Treatment Type: Bio Fac Waste Code: Petroleum Contaminated Soil	35.19	Tns

Comments:

Driver: \_\_\_\_\_  
Angel

Facility: \_\_\_\_\_  
Lukasz Ceglarek



Manifest # 782535

130585

133070906

GLOBAL JOB NUMBER: \_\_\_\_\_ FACILITY APPROVAL NUMBER: \_\_\_\_\_

Please Check One:

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Other  
\_\_\_\_\_  
\_\_\_\_\_
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <i>Fast Development</i> <b>1309 38th Street, Brooklyn, NY 11249</b>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: _____	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

*Non-Hazardous soil WCR*

**GENERATOR'S CERTIFICATION** – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: *Silvestre Castillo* Title: *Project Manager*  
 Signature: *Silvestre Castillo* Date and Time: *7/15/13*

**TRANSPORTER** *AMV/Dabin Trucking Inc* *MCB* Phone Number: 908-810-1705/ NJ864

Company: *180 Drake Lane, Lodgewood, NJ 07052* Truck # and License Plate: *02 AN6393 MCB*  
 Address: \_\_\_\_\_ SW Haulers Permit #: \_\_\_\_\_  
 Driver: *Angel Reyes* (Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: *Angel Reyes* Date and Time: *7/15/13*

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: *Angel Reyes* Date and Time: *7/15/13*  
 I hereby certify that the above named material has been accepted at the above referenced facility.  
 Authorized Signature: *[Signature]* Date and Time: *7/15/13*

GENERATOR

Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: (732) 541-8989 Fax: (732) 541-8105

Ticket: 307000283666  
Date: 7/15/2013 Time: 12:51:14 Scale: 1  
In: 7/15/2013 12:51:14 Scale: 1  
Out: 7/15/2013 13:05:30 P.T.  
Lbs Tns  
Gross: 94500 47.25  
Tares: 25700 12.85  
Net: 68800 34.40

Manifest: 702553  
Vehicle ID: NICK22

Customer: FAST DEVELOPMENT LLC  
Generator: Fast Development LLC  
Gen Address: 26 Heyward Street - 1L  
Brooklyn, NY 11249

Facility Approval#: 133070996  
Job Name: Fast Development/Fast Develop  
Job Address: 1309 38th Street  
Brooklyn, NY 11249

Origin	Materials & Services	Quantity	Unit
Kings	Soil Treatment: Type II Contaminate Type: NON SPECIFIC SOURCE Treatment Type: Bio Fac Waste Codes: Petroleum Contaminated Soil	34.40	Tns

Comment:

Driver: \_\_\_\_\_  
Jesus

Facility: \_\_\_\_\_  
Lukasz Ceglarek



Manifest # 782553

130585

133070906

GLOBAL JOB NUMBER:

FACILITY APPROVAL NUMBER:

Please Check One:

- Clean Earth of Carteret, Maryland, New Castle, Philadelphia, North Jersey, Southeast Pennsylvania

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: Fast Development 1308 38th Street, Brooklyn, NY 11249
GROSS WEIGHT: Tons Yards
TARE WEIGHT: Tons Yards
NET WEIGHT: Tons Yards

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous soil WC3

GENERATOR'S CERTIFICATION - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Silvestre Castillo Title: Project Manager
Signature: Silvestre Castillo Date and Time: 7/15/13

TRANSPORTER AMV/Dabin Trucking Inc

Company: 180 Drake Lane, Ledgewood, NJ 07852 Phone Number: 908-810-1705/NJ864
Address: Truck # and License Plate: AP140C
Driver: James O'Hara SW Haulers Permit #: NICKABELLUS # 22

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 7/15/13

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: 7/15/13

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time:

GENERATOR

Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: (732) 541-8989 Fax: (732) 541-8105

Ticket: 307000283670

	Date	Time	Scale
In:	7/15/2013	13:08:37	Scale 1
Out:	7/15/2013	13:16:02	P.T.

Manifest: 782543  
Vehicle ID: CASTILLO4

	Lbs	Tns
Gross:	91820	45.91
Tare:	26720	13.36
Net:	65100	32.55

Customer: FAST DEVELOPMENT LLC

Facility Approval#: 133070906

Generator: Fast Development LLC  
Gen Address: 26 Hayward Street - 1L  
Brooklyn, NY 11249

Job Name: Fast Development/Fast Develop  
Job Address: 1309 38th Street  
Brooklyn, NY 11249

Origin	Materials & Services	Quantity	Unit
Kings	Soil Treatment Type II Contaminate Type: NON SPECIFIC SOURCE Treatment Type: Bio Fac Waste Code: Petroleum Contaminated Soil	32.55	Tns

Comments:

Driver: \_\_\_\_\_  
Hector

Facility: \_\_\_\_\_  
Lukasz Ceglarek



Manifest # 782543

130585

133070906

GLOBAL JOB NUMBER:

FACILITY APPROVAL NUMBER:

Please Check One:

- Clean Earth of Carteret, Clean Earth of Maryland, Clean Earth of New Castle, Other, Clean Earth of Philadelphia, Clean Earth of North Jersey, Clean Earth of Southeast Pennsylvania

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: 1309 38th Street, Brooklyn, NY 11249. GROSS WEIGHT, TARE WEIGHT, NET WEIGHT sections.

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous soil WC3

GENERATOR'S CERTIFICATION - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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...

Name: Silverio Castillo, Title: Project Manager, Signature: Silverio Castillo, Date and Time: 7/15/13

TRANSPORTER: AMV/Dabin Trucking Inc, Phone Number: 908-810-1705/NJ864, Address: 180 Drake Lane, Ladgewood, NJ 07032, Truck # and License Plate: AN807S, Driver: Hector Merced

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Hector Merced, Date and Time: 7/15/13

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Hector Merced, Date and Time: 7/15/13

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature], Date and Time: 7/15/13

GENERATOR

Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: (732) 541-8989 Fax: (732) 541-8105

Ticket#: 307000283675  
Date: 7/15/2013 Time: 13:10:07 Scale: 1  
In: 7/15/2013 13:10:07 Scale: 1  
Out: 7/15/2013 13:26:32 P.T.  
Lbs Tns  
Gross: 99900 49.95  
Tare: 27200 13.60  
Net: 72700 36.35

Manifest: 782552  
Vehicle ID: TMAK2

Customer: FAST DEVELOPMENT LLC

Facility Approval#: 133070906

Generator: Fast Development LLC  
Gen Address: 26 Heyward Street - 1L  
Brooklyn, NY 11249

Job Name: Fast Development/Fast Develop  
Job Address: 1309 38th Street  
Brooklyn, NY 11249

Origin: Materials & Services / Quantity Unit

Kings Soil Treatment Type II 36.35 Tns

Contaminate Type: NON SPECIFIC SOURCE  
Treatment Type: Bio  
Fac Waste Codes: Petroleum Contaminated Soil

Comments:

Driver: \_\_\_\_\_

Facility: \_\_\_\_\_  
Lukasz Ceglarek



Manifest # 782552

130585

133070906

GLOBAL JOB NUMBER: \_\_\_\_\_

FACILITY APPROVAL NUMBER: \_\_\_\_\_

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Other  
\_\_\_\_\_
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700

**Non-Hazardous Material Manifest**

(Type or Print Clearly)

<b>GENERATOR'S NAME &amp; SITE ADDRESS:</b> <i>Fast Development</i> <b>1309 38th Street, Brooklyn, NY 11249</b>	<b>GROSS WEIGHT:</b> <input type="checkbox"/> Tons <input type="checkbox"/> Yards	
	<b>TARE WEIGHT:</b> <input type="checkbox"/> Tons <input type="checkbox"/> Yards	
<b>GENERATOR'S PHONE:</b> _____	<b>NET WEIGHT:</b> <input type="checkbox"/> Tons <input type="checkbox"/> Yards	

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

*Non-Hazardous soil WCI*

**GENERATOR'S CERTIFICATION** – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: *Silvestre Castillo* Title: *Project Manager*  
 Signature: *Silvestre Castillo* Date and Time: *7/15/13*

**TRANSPORTER** *AMV/Dabin Trucking Inc* Phone Number: *908-810-1705/NJ864*  
 Company: *TMAK SERVICE, INC.*  
 Address: *190 Drake Lane, Ladgewood, NJ 07052* Truck # and License Plate: *TMAK # 3 AN 295 T*  
 Driver: *Jo Barcelos* SW Haulers Permit #: *WHB807 PA WJSP*  
 (Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: *[Signature]* Date and Time: *7/15/13*

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: *[Signature]* Date and Time: *7/15/13*

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: *[Signature]* Date and Time: *7/15/13*

**GENERATOR**

Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 307000203697

	Date	Time	Scale
In:	7/15/2013	14:10:40	Scale 1
Out:	7/15/2013	14:17:10	P.T.

Manifest: 764928  
Vehicle ID: TPK3

	Lbs	Tns
Gross:	100000	50.04
Tares:	27460	13.73
Net:	72620	36.31

Customer: FAST DEVELOPMENT LLC

Facility Approval#: 133070906

Generator: Fast Development LLC  
Gen Address: 26 Heyward Street - 1L  
Brooklyn, NY 11249

Job Name: Fast Development/Fast Develop  
Job Address: 1309 38th Street  
Brooklyn, NY 11249

Origin	Materials & Services	Quantity	Unit
Kings	Soil Treatment Type II Contaminate Type: NON SPECIFIC SOURCE Treatment Type: Bio Fac Waste Code: Petroleum Contaminated Soil	36.31	Tns

Comment:

Driver: \_\_\_\_\_  
Pedro

Facility: \_\_\_\_\_  
Lukasz Ceglarek



Manifest # 784928

GLOBAL JOB NUMBER: 130585 FACILITY APPROVAL NUMBER: 133070906

Please Check One:

- Clean Earth of Carteret, Clean Earth of Maryland, Clean Earth of New Castle, Other, Clean Earth of Philadelphia, Clean Earth of North Jersey, Clean Earth of Southeast Pennsylvania

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: Fast Development, 1309 38th St, Brooklyn, NY 11249. GROSS WEIGHT, TARE WEIGHT, NET WEIGHT sections.

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous soil WC 3

GENERATOR'S CERTIFICATION - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected. I hereby certify that the above named material does not contain free liquid...

Name: Silvestre Castillo, Title: Project Manager, Signature: Silvestre Castillo, Date and Time: 7/15/13

TRANSPORTER

Company: T-MAK, Phone Number: [blank], Address: [blank], Truck # and License Plate: T-MAK 03 AP969A, Driver: PEDRO TRIXIMA, SW Haulers Permit #: [blank]

I hereby certify that the above named material was picked up at the site listed above. Driver Signature: Pedro Trixima, Date and Time: 7/15/13

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above. Driver Signature: Pedro Trixima, Date and Time: 7/15/13. I hereby certify that the above named material has been accepted at the above referenced facility. Authorized Signature: [blank], Date and Time: 7/15/13

GENERATOR

Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: (732) 541-8909 Fax: (732) 541-8185

Ticket#: 3070000203706  
Date: 7/15/2013 Time: 14:27:23 Scale: 1  
In: 7/15/2013 14:27:23 Scale: 1  
Out: 7/15/2013 14:35:10 P.T.  
Lbs Tns  
Gross: 95520 47.76  
Tare: 25600 12.00  
Net: 69920 34.96

Manifest: 782538  
Vehicle ID: ANDRADES1

Customer: FAST DEVELOPMENT LLC

Generator: Fast Development LLC  
Gen Address: 26 Heyward Street - 1L  
Brooklyn, NY 11249

Facility Approval#: 133070506  
Job Name: Fast Development/Fast Develop  
Job Address: 1309 38th Street  
Brooklyn, NY 11249

Origin	Materials & Services	Quantity	Unit
Kings	Soil Treatment Type II Contaminate Type: NON SPECIFIC SOURCE Treatment Type: Bio Fac Waste Code: Petroleum Contaminated Soil	34.96	Tns

Comments:

Driver: \_\_\_\_\_  
Wilson

Facility: \_\_\_\_\_  
Lukasz Ceglarek



Manifest # 782538

130585

133070905

GLOBAL JOB NUMBER:

FACILITY APPROVAL NUMBER:

Please Check One:

- Clean Earth of Carteret, Clean Earth of Maryland, Clean Earth of New Castle, Clean Earth of Philadelphia, Clean Earth of North Jersey, Clean Earth of Southeast Pennsylvania, Other

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: Fast Development, 1309 38th Street, Brooklyn, NY 11249. GROSS WEIGHT, TARE WEIGHT, NET WEIGHT fields.

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous soil WCB Time: 9:45 AM 12:27 PM

GENERATOR'S CERTIFICATION - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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...

Name: Silvestre Castillo, Title: Project Manager, Signature: Silvestre Castillo, Date and Time: 7/15/13

TRANSPORTER AMV/Dabin Trucking Inc

Company: AMV/Dabin Trucking Inc, Phone Number: 908-810-1705/NJ864, Address: 190 Drake Lane, Ledgewood, NJ 07852, Driver: Wilson Buostan, Truck # and License Plate: ANDRADOS #1

I hereby certify that the above named material was picked up at the site listed above. Driver Signature: Wilson Buostan, Date and Time: 7/15/13

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above. Driver Signature: Wilson Buostan, Date and Time: 7/15/13

I hereby certify that the above named material has been accepted at the above referenced facility. Authorized Signature: [Signature], Date and Time: 7/15/13

GENERATOR

Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: (732) 541-8989 Fax: (732) 541-8105

Ticket#: 307000263707

	Date	Time	Scale
In:	7/15/2013	14:29:26	Scale 1
Out:	7/15/2013	14:36:50	P.T.

Manifest: 702540  
Vehicle ID: ANDRADES2

	Lbs	Tns
Gross:	96820	48.41
Tare:	27300	13.69
Net:	69440	34.72

Customer: FAST DEVELOPMENT LLC

Facility Approval#: 133070906

Generator: Fast Development LLC  
Gen Address: 26 Hayward Street - 1L  
Brooklyn, NY 11249

Job Name: Fast Development/Fast Develop  
Job Address: 1309 38th Street  
Brooklyn, NY 11249

Origin	Materials & Services	Quantity	Unit
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Kings	Soil Treatment Type II	34.72	Tns
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Contaminate Type: NON SPECIFIC SOURCE

Treatment Type: Bio

Fac Waste Code: Petroleum Contaminated Soil

Comments:

Driver: \_\_\_\_\_  
Romelo

Facility: \_\_\_\_\_  
Lukasz Ceglarek



Waiting time IN: 10:30 AM  
NO Fuel machine. out 12:45 PM  
Silvestre Robinson, HITE

Manifest # 782540

130585

133070906

GLOBAL JOB NUMBER: \_\_\_\_\_ FACILITY APPROVAL NUMBER: \_\_\_\_\_

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Other  
\_\_\_\_\_
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700

### Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <i>East Development</i> <b>1309 38th Street, Brooklyn, NY 11249</b>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: _____	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

*Non-Hazardous soil WC3*

**GENERATOR'S CERTIFICATION** – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: *Silvestre Castillo* Title: *Project Manager*  
 Signature: *Silvestre Castillo* Date and Time: *7/15/13*

**TRANSPORTER** *AMV/Dabin Trucking Inc*

Company: \_\_\_\_\_ Phone Number: *908-810-1705/ NJ864*  
 Address: *180 Drake Lane, Ledgewood, NJ 07032* Truck # and License Plate: *AP391B NJ01ADES #2*  
 Driver: *(Romulo)* SW Haulers Permit #: \_\_\_\_\_  
 (Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: *[Signature]* Date and Time: *07-15-13*

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: *[Signature]* Date and Time: *07-15-13*

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: *[Signature]* Date and Time: *7/15/13*

**GENERATOR**

Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: (732) 541-8989 Fax: (732) 541-8105

Tickets: 307000283712

	Date	Time	Scale
In:	7/15/2013	14:42:55	Scale 1
Out:	7/15/2013	14:47:46	P.T.

Manifest: 782541  
Vehicle ID: SV16

	Lbs	Tns
Gross:	95120	47.56
Tare:	29140	14.57
Net:	65980	32.99

Customer: FAST DEVELOPMENT LLC

Generator: Fast Development LLC  
Gen Address: 26 Hayward Street - 1L  
Brooklyn, NY 11249

Facility Approval#: 133070906  
Job Name: Fast Development/Fast Develop  
Job Address: 1309 30th Street  
Brooklyn, NY 11249

Origin	Materials & Services	Quantity	Unit
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Kings	Soil Treatment Type II	32.99	Tns
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Contaminate Type: NON SPECIFIC SOURCE  
Treatment Type: Bio  
Fac Waste Code: Petroleum Contaminated Soil

Comments:

Driver: Juan

Facility: Lukasz Ceglarek



WAITING TIME IN: 11:00 AM

MACHINE NO

OUT: 1:30pm

Manifest # 782541

Silvestro Castillo HTE

130585

133070905

GLOBAL JOB NUMBER:

FACILITY APPROVAL NUMBER:

Please Check One:

- Clean Earth of Carteret, Clean Earth of Maryland, Clean Earth of New Castle, Other, Clean Earth of Philadelphia, Clean Earth of North Jersey, Clean Earth of Southeast Pennsylvania

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: 1309 38th Street, Brooklyn, NY 11249. GROSS WEIGHT, TARE WEIGHT, NET WEIGHT fields.

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous soil WCI

GENERATOR'S CERTIFICATION - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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...

Name: Silvestro Castillo, Signature: Silvestro Castillo, Title: Project Manager, Date and Time: 7/15/13

TRANSPORTER AMV/Dabin Trucking Inc

Company: 150 Drake Lane, Ladgewood, NJ 07852, Phone Number: 908-810-1705/NJ864, Address, Driver: JUAN MERA, Truck # and License Plate: SV #16 AN-898U, SW Haulers Permit #:

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature], Date and Time: 7/15/13

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature], Date and Time: 7/15/13

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature], Date and Time: 7/15/13

Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: (732) 541-8989 Fax: (732) 541-8105

Ticket: 307000203719  
Date: 7/15/2013 Time: 15:39:03 Scale: 1  
In: 7/15/2013 15:39:03 Scale 1  
Out: 7/15/2013 15:39:35 P.T.  
Lbs: 94980 Tns: 47.49  
Gross: 94980  
Tare: 25620  
Net: 69360

Manifest: 782549  
Vehicle ID: NICK30  
Customer: FAST DEVELOPMENT LLC  
Generator: Fast Development LLC  
Gen Address: 26 Hayward Street - 1L  
Brooklyn, NY 11249

Facility Approval#: 133070926  
Job Name: Fast Development/Fast Develop  
Job Address: 1309 38th Street  
Brooklyn, NY 11249

Origin	Materials & Services	Quantity	Unit
Kings	Soil Treatment Type II Contaminate Type: NON SPECIFIC SOURCE Treatment Type: Bio Fac Waste Code: Petroleum Contaminated Soil	34.68	Tns

Comments:

Driver: Gustavo

Facility: Lukasz Ceglarek



CLEANEARTH

WANTING TIME IN = 1200 PM  
NO FUEL

OUT = 2:10 pm  
Silvestre Castillo HTE

Manifest # 782549

130585

133070906

GLOBAL JOB NUMBER:

FACILITY APPROVAL NUMBER:

Please Check One:

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Other
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: Fast Development 1309 38th Street, Brooklyn, NY 11249	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE:	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous soil WCI

GENERATOR'S CERTIFICATION - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Silvestre Castillo Title: Project Manager  
Signature: Silvestre Castillo Date and Time: 7/15/13

TRANSPORTER: AMV/Dabin Trucking Inc - Nick #30 908-810-1705/ NJ864  
Company: 190 Drake Lane, Ludlow, NJ 07052 Phone Number:  
Address: Truck # and License Plate: AU548V  
Driver: Guttuso SW Haulers Permit #: Guttuso  
(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time:

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time:

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 7/15/13

Appendix 9: Disposal Characterization Sample Laboratory  
Testing Results

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**1309-1321 38TH STREET BROOKLYN, NEW YORK**

**Remedial Action Report**

**APRIL 2015**



# Technical Report

prepared for:

**Hydro Tech Environmental (Hauppauge)**  
77 Arkay Drive, Suite G  
Hauppauge NY, 11788  
**Attention: Carlos Quinonez**

Report Date: 07/03/2013  
**Client Project ID: 1309 38th Street Brooklyn**  
York Project (SDG) No.: 13F1010

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 07/03/2013  
Client Project ID: 1309 38th Street Brooklyn  
York Project (SDG) No.: 13F1010

**Hydro Tech Environmental (Hauppauge)**  
77 Arkay Drive, Suite G  
Hauppauge NY, 11788  
Attention: Carlos Quinonez

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## Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on June 28, 2013 and listed below. The project was identified as your project: **1309 38th Street Brooklyn**.

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
13F1010-01	WC-3A (0'-2')	Soil	06/26/2013	06/28/2013
13F1010-02	WC-3A (2'-4')	Soil	06/26/2013	06/28/2013
13F1010-03	WC-3B (0'-2')	Soil	06/26/2013	06/28/2013
13F1010-04	WC-3B (2'-4')	Soil	06/26/2013	06/28/2013
13F1010-05	WC-3C (0'-2')	Soil	06/26/2013	06/28/2013
13F1010-06	WC-3C (2'-4')	Soil	06/26/2013	06/28/2013
13F1010-07	WC-3D (0'-2')	Soil	06/26/2013	06/28/2013
13F1010-08	WC-3D (2'-4')	Soil	06/26/2013	06/28/2013

## **General Notes for York Project (SDG) No.: 13F1010**

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

**Approved By:**



**Benjamin Gulizia**  
Laboratory Director

**Date:** 07/03/2013

**YORK**



### Sample Information

**Client Sample ID:** WC-3A (0'-2')

**York Sample ID:** 13F1010-01

York Project (SDG) No.  
13F1010

Client Project ID  
1309 38th Street Brooklyn

Matrix  
Soil

Collection Date/Time  
June 26, 2013 3:00 pm

Date Received  
06/28/2013

#### Polychlorinated Biphenyls (PCB)

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	0.417		mg/kg dry	0.182	0.182	10	EPA SW 846-8082A	06/30/2013 16:29	07/02/2013 18:22	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.182	0.182	10	EPA SW 846-8082A	06/30/2013 16:29	07/02/2013 18:22	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.182	0.182	10	EPA SW 846-8082A	06/30/2013 16:29	07/02/2013 18:22	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.182	0.182	10	EPA SW 846-8082A	06/30/2013 16:29	07/02/2013 18:22	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.182	0.182	10	EPA SW 846-8082A	06/30/2013 16:29	07/02/2013 18:22	JW
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.182	0.182	10	EPA SW 846-8082A	06/30/2013 16:29	07/02/2013 18:22	JW
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.182	0.182	10	EPA SW 846-8082A	06/30/2013 16:29	07/02/2013 18:22	JW
1336-36-3	Total PCBs	0.417		mg/kg dry	0.182	0.182	10	EPA SW 846-8082A	06/30/2013 16:29	07/02/2013 18:22	JW
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
877-09-8	Surrogate: Tetrachloro-m-xylene	65.0 %			30-150						
2051-24-3	Surrogate: Decachlorobiphenyl	99.5 %			30-150						

#### Total Solids

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	93.3		%	0.100	0.100	1	SM 2540G	07/01/2013 06:04	07/01/2013 13:27	SC

### Sample Information

**Client Sample ID:** WC-3A (2'-4')

**York Sample ID:** 13F1010-02

York Project (SDG) No.  
13F1010

Client Project ID  
1309 38th Street Brooklyn

Matrix  
Soil

Collection Date/Time  
June 26, 2013 3:00 pm

Date Received  
06/28/2013

#### Polychlorinated Biphenyls (PCB)

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	0.356		mg/kg dry	0.0209	0.0209	1	EPA SW 846-8082A	06/30/2013 16:29	07/02/2013 18:42	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0209	0.0209	1	EPA SW 846-8082A	06/30/2013 16:29	07/02/2013 18:42	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0209	0.0209	1	EPA SW 846-8082A	06/30/2013 16:29	07/02/2013 18:42	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0209	0.0209	1	EPA SW 846-8082A	06/30/2013 16:29	07/02/2013 18:42	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0209	0.0209	1	EPA SW 846-8082A	06/30/2013 16:29	07/02/2013 18:42	JW
11097-69-1	Aroclor 1254	0.165		mg/kg dry	0.0209	0.0209	1	EPA SW 846-8082A	06/30/2013 16:29	07/02/2013 18:42	JW
11096-82-5	Aroclor 1260	0.140		mg/kg dry	0.0209	0.0209	1	EPA SW 846-8082A	06/30/2013 16:29	07/02/2013 18:42	JW
1336-36-3	Total PCBs	0.661		mg/kg dry	0.0209	0.0209	1	EPA SW 846-8082A	06/30/2013 16:29	07/02/2013 18:42	JW
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
877-09-8	Surrogate: Tetrachloro-m-xylene	49.5 %			30-150						



### Sample Information

**Client Sample ID:** WC-3A (2'-4')

**York Sample ID:** 13F1010-02

<u>York Project (SDG) No.</u> 13F1010	<u>Client Project ID</u> 1309 38th Street Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 26, 2013 3:00 pm	<u>Date Received</u> 06/28/2013
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**Polychlorinated Biphenyls (PCB)**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	Surrogate: Decachlorobiphenyl	68.7 %			30-150						

**Total Solids**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	81.2		%	0.100	0.100	1	SM 2540G	07/01/2013 06:04	07/01/2013 13:27	SC

### Sample Information

**Client Sample ID:** WC-3B (0'-2')

**York Sample ID:** 13F1010-03

<u>York Project (SDG) No.</u> 13F1010	<u>Client Project ID</u> 1309 38th Street Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 26, 2013 3:00 pm	<u>Date Received</u> 06/28/2013
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**Polychlorinated Biphenyls (PCB)**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	0.384		mg/kg dry	0.180	0.180	10	EPA SW 846-8082A	06/30/2013 16:29	07/02/2013 19:01	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.180	0.180	10	EPA SW 846-8082A	06/30/2013 16:29	07/02/2013 19:01	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.180	0.180	10	EPA SW 846-8082A	06/30/2013 16:29	07/02/2013 19:01	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.180	0.180	10	EPA SW 846-8082A	06/30/2013 16:29	07/02/2013 19:01	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.180	0.180	10	EPA SW 846-8082A	06/30/2013 16:29	07/02/2013 19:01	JW
11097-69-1	Aroclor 1254	0.559		mg/kg dry	0.180	0.180	10	EPA SW 846-8082A	06/30/2013 16:29	07/02/2013 19:01	JW
11096-82-5	Aroclor 1260	0.831		mg/kg dry	0.180	0.180	10	EPA SW 846-8082A	06/30/2013 16:29	07/02/2013 19:01	JW
1336-36-3	Total PCBs	1.77		mg/kg dry	0.180	0.180	10	EPA SW 846-8082A	06/30/2013 16:29	07/02/2013 19:01	JW
	<b>Surrogate Recoveries</b>	<b>Result</b>			<b>Acceptance Range</b>						
877-09-8	Surrogate: Tetrachloro-m-xylene	65.0 %			30-150						
2051-24-3	Surrogate: Decachlorobiphenyl	114 %			30-150						

**Total Solids**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	94.4		%	0.100	0.100	1	SM 2540G	07/01/2013 06:04	07/01/2013 13:27	SC



### Sample Information

**Client Sample ID:** WC-3B (2'-4')

**York Sample ID:** 13F1010-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F1010

1309 38th Street Brooklyn

Soil

June 26, 2013 3:00 pm

06/28/2013

#### Polychlorinated Biphenyls (PCB)

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	0.110		mg/kg dry	0.0188	0.0188	1	EPA SW 846-8082A	06/30/2013 16:29	07/02/2013 19:20	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0188	0.0188	1	EPA SW 846-8082A	06/30/2013 16:29	07/02/2013 19:20	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0188	0.0188	1	EPA SW 846-8082A	06/30/2013 16:29	07/02/2013 19:20	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0188	0.0188	1	EPA SW 846-8082A	06/30/2013 16:29	07/02/2013 19:20	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0188	0.0188	1	EPA SW 846-8082A	06/30/2013 16:29	07/02/2013 19:20	JW
11097-69-1	Aroclor 1254	0.105		mg/kg dry	0.0188	0.0188	1	EPA SW 846-8082A	06/30/2013 16:29	07/02/2013 19:20	JW
11096-82-5	Aroclor 1260	0.172		mg/kg dry	0.0188	0.0188	1	EPA SW 846-8082A	06/30/2013 16:29	07/02/2013 19:20	JW
1336-36-3	Total PCBs	0.387		mg/kg dry	0.0188	0.0188	1	EPA SW 846-8082A	06/30/2013 16:29	07/02/2013 19:20	JW
	<b>Surrogate Recoveries</b>	<b>Result</b>			<b>Acceptance Range</b>						
877-09-8	Surrogate: Tetrachloro-m-xylene	50.5 %			30-150						
2051-24-3	Surrogate: Decachlorobiphenyl	75.6 %			30-150						

#### Total Solids

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	90.4		%	0.100	0.100	1	SM 2540G	07/01/2013 06:04	07/01/2013 13:27	SC

### Sample Information

**Client Sample ID:** WC-3C (0'-2')

**York Sample ID:** 13F1010-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F1010

1309 38th Street Brooklyn

Soil

June 26, 2013 3:00 pm

06/28/2013

#### Polychlorinated Biphenyls (PCB)

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	0.0255		mg/kg dry	0.0171	0.0171	1	EPA SW 846-8082A	06/30/2013 16:29	07/02/2013 19:39	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0171	0.0171	1	EPA SW 846-8082A	06/30/2013 16:29	07/02/2013 19:39	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0171	0.0171	1	EPA SW 846-8082A	06/30/2013 16:29	07/02/2013 19:39	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0171	0.0171	1	EPA SW 846-8082A	06/30/2013 16:29	07/02/2013 19:39	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0171	0.0171	1	EPA SW 846-8082A	06/30/2013 16:29	07/02/2013 19:39	JW
11097-69-1	Aroclor 1254	0.0572		mg/kg dry	0.0171	0.0171	1	EPA SW 846-8082A	06/30/2013 16:29	07/02/2013 19:39	JW
11096-82-5	Aroclor 1260	0.122		mg/kg dry	0.0171	0.0171	1	EPA SW 846-8082A	06/30/2013 16:29	07/02/2013 19:39	JW
1336-36-3	Total PCBs	0.205		mg/kg dry	0.0171	0.0171	1	EPA SW 846-8082A	06/30/2013 16:29	07/02/2013 19:39	JW
	<b>Surrogate Recoveries</b>	<b>Result</b>			<b>Acceptance Range</b>						
877-09-8	Surrogate: Tetrachloro-m-xylene	45.0 %			30-150						



### Sample Information

**Client Sample ID:** WC-3C (0'-2')

**York Sample ID:** 13F1010-05

<u>York Project (SDG) No.</u> 13F1010	<u>Client Project ID</u> 1309 38th Street Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 26, 2013 3:00 pm	<u>Date Received</u> 06/28/2013
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**Polychlorinated Biphenyls (PCB)**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	Surrogate: Decachlorobiphenyl	63.2 %			30-150						

**Total Solids**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	99.3		%	0.100	0.100	1	SM 2540G	07/01/2013 06:04	07/01/2013 13:27	SC

### Sample Information

**Client Sample ID:** WC-3C (2'-4')

**York Sample ID:** 13F1010-06

<u>York Project (SDG) No.</u> 13F1010	<u>Client Project ID</u> 1309 38th Street Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 26, 2013 3:00 pm	<u>Date Received</u> 06/28/2013
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**Polychlorinated Biphenyls (PCB)**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	0.416		mg/kg dry	0.0212	0.0212	1	EPA SW 846-8082A	06/30/2013 16:29	07/02/2013 19:59	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0212	0.0212	1	EPA SW 846-8082A	06/30/2013 16:29	07/02/2013 19:59	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0212	0.0212	1	EPA SW 846-8082A	06/30/2013 16:29	07/02/2013 19:59	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0212	0.0212	1	EPA SW 846-8082A	06/30/2013 16:29	07/02/2013 19:59	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0212	0.0212	1	EPA SW 846-8082A	06/30/2013 16:29	07/02/2013 19:59	JW
11097-69-1	Aroclor 1254	0.157		mg/kg dry	0.0212	0.0212	1	EPA SW 846-8082A	06/30/2013 16:29	07/02/2013 19:59	JW
11096-82-5	Aroclor 1260	0.0820		mg/kg dry	0.0212	0.0212	1	EPA SW 846-8082A	06/30/2013 16:29	07/02/2013 19:59	JW
1336-36-3	Total PCBs	0.655		mg/kg dry	0.0212	0.0212	1	EPA SW 846-8082A	06/30/2013 16:29	07/02/2013 19:59	JW
	<b>Surrogate Recoveries</b>	<b>Result</b>			<b>Acceptance Range</b>						
877-09-8	Surrogate: Tetrachloro-m-xylene	49.5 %			30-150						
2051-24-3	Surrogate: Decachlorobiphenyl	67.7 %			30-150						

**Total Solids**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	80.3		%	0.100	0.100	1	SM 2540G	07/01/2013 06:04	07/01/2013 13:27	SC



### Sample Information

**Client Sample ID:** WC-3D (0'-2')

**York Sample ID:** 13F1010-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F1010

1309 38th Street Brooklyn

Soil

June 26, 2013 3:00 pm

06/28/2013

#### Polychlorinated Biphenyls (PCB)

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	0.189		mg/kg dry	0.0187	0.0187	1	EPA SW 846-8082A	06/30/2013 16:29	07/02/2013 20:37	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0187	0.0187	1	EPA SW 846-8082A	06/30/2013 16:29	07/02/2013 20:37	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0187	0.0187	1	EPA SW 846-8082A	06/30/2013 16:29	07/02/2013 20:37	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0187	0.0187	1	EPA SW 846-8082A	06/30/2013 16:29	07/02/2013 20:37	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0187	0.0187	1	EPA SW 846-8082A	06/30/2013 16:29	07/02/2013 20:37	JW
11097-69-1	Aroclor 1254	0.162		mg/kg dry	0.0187	0.0187	1	EPA SW 846-8082A	06/30/2013 16:29	07/02/2013 20:37	JW
11096-82-5	Aroclor 1260	0.228		mg/kg dry	0.0187	0.0187	1	EPA SW 846-8082A	06/30/2013 16:29	07/02/2013 20:37	JW
1336-36-3	Total PCBs	0.579		mg/kg dry	0.0187	0.0187	1	EPA SW 846-8082A	06/30/2013 16:29	07/02/2013 20:37	JW
	<b>Surrogate Recoveries</b>	<b>Result</b>			<b>Acceptance Range</b>						
877-09-8	Surrogate: Tetrachloro-m-xylene	45.0 %			30-150						
2051-24-3	Surrogate: Decachlorobiphenyl	60.7 %			30-150						

#### Total Solids

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	90.9		%	0.100	0.100	1	SM 2540G	07/01/2013 06:04	07/01/2013 13:27	SC

### Sample Information

**Client Sample ID:** WC-3D (2'-4')

**York Sample ID:** 13F1010-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F1010

1309 38th Street Brooklyn

Soil

June 26, 2013 3:00 pm

06/28/2013

#### Polychlorinated Biphenyls (PCB)

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0205	0.0205	1	EPA SW 846-8082A	06/30/2013 16:29	07/02/2013 20:57	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0205	0.0205	1	EPA SW 846-8082A	06/30/2013 16:29	07/02/2013 20:57	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0205	0.0205	1	EPA SW 846-8082A	06/30/2013 16:29	07/02/2013 20:57	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0205	0.0205	1	EPA SW 846-8082A	06/30/2013 16:29	07/02/2013 20:57	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0205	0.0205	1	EPA SW 846-8082A	06/30/2013 16:29	07/02/2013 20:57	JW
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0205	0.0205	1	EPA SW 846-8082A	06/30/2013 16:29	07/02/2013 20:57	JW
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0205	0.0205	1	EPA SW 846-8082A	06/30/2013 16:29	07/02/2013 20:57	JW
1336-36-3	Total PCBs	ND		mg/kg dry	0.0205	0.0205	1	EPA SW 846-8082A	06/30/2013 16:29	07/02/2013 20:57	JW
	<b>Surrogate Recoveries</b>	<b>Result</b>			<b>Acceptance Range</b>						
877-09-8	Surrogate: Tetrachloro-m-xylene	48.5 %			30-150						



### Sample Information

**Client Sample ID:** WC-3D (2'-4')

**York Sample ID:** 13F1010-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F1010

1309 38th Street Brooklyn

Soil

June 26, 2013 3:00 pm

06/28/2013

#### Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	Surrogate: Decachlorobiphenyl	50.7 %			30	150					

#### Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	83.0		%	0.100	0.100	1	SM 2540G	07/01/2013 06:04	07/01/2013 13:27	SC



## Analytical Batch Summary

**Batch ID:** BF31594

**Preparation Method:** EPA 3550B

**Prepared By:** SA

YORK Sample ID	Client Sample ID	Preparation Date
13F1010-01	WC-3A (0'-2')	06/30/13
13F1010-02	WC-3A (2'-4')	06/30/13
13F1010-03	WC-3B (0'-2')	06/30/13
13F1010-04	WC-3B (2'-4')	06/30/13
13F1010-05	WC-3C (0'-2')	06/30/13
13F1010-06	WC-3C (2'-4')	06/30/13
13F1010-07	WC-3D (0'-2')	06/30/13
13F1010-08	WC-3D (2'-4')	06/30/13
BF31594-BLK1	Blank	06/30/13
BF31594-BS1	LCS	06/30/13
BF31594-BSD1	LCS Dup	06/30/13

**Batch ID:** BG30024

**Preparation Method:** % Solids Prep

**Prepared By:** AMC

YORK Sample ID	Client Sample ID	Preparation Date
13F1010-01	WC-3A (0'-2')	07/01/13
13F1010-02	WC-3A (2'-4')	07/01/13
13F1010-03	WC-3B (0'-2')	07/01/13
13F1010-04	WC-3B (2'-4')	07/01/13
13F1010-05	WC-3C (0'-2')	07/01/13
13F1010-06	WC-3C (2'-4')	07/01/13
13F1010-07	WC-3D (0'-2')	07/01/13
13F1010-08	WC-3D (2'-4')	07/01/13



**Polychlorinated Biphenyls (PCB) by EPA SW 846-8082/EPA Compendium Methods - Quality Control Data**

**York Analytical Laboratories, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
<b>Batch BF31594 - EPA 3550B</b>											
<b>Blank (BF31594-BLK1)</b>											
										Prepared: 06/30/2013 Analyzed: 07/02/2013	
Aroclor 1016	ND	0.0170	mg/kg wet								
Aroclor 1221	ND	0.0170	"								
Aroclor 1232	ND	0.0170	"								
Aroclor 1242	ND	0.0170	"								
Aroclor 1248	ND	0.0170	"								
Aroclor 1254	ND	0.0170	"								
Aroclor 1260	ND	0.0170	"								
Total PCBs	ND	0.0170	"								
<i>Surrogate: Tetrachloro-m-xylene</i>	0.0317		"	0.0667		47.5	30-150				
<i>Surrogate: Decachlorobiphenyl</i>	0.0363		"	0.0670		54.2	30-150				
<b>LCS (BF31594-BS1)</b>											
										Prepared: 06/30/2013 Analyzed: 07/02/2013	
Aroclor 1016	0.264	0.0170	mg/kg wet	0.333		79.1	40-140				
Aroclor 1260	0.240	0.0170	"	0.333		72.1	40-140				
<i>Surrogate: Tetrachloro-m-xylene</i>	0.0400		"	0.0667		60.0	30-150				
<i>Surrogate: Decachlorobiphenyl</i>	0.0427		"	0.0670		63.7	30-150				
<b>LCS Dup (BF31594-BSD1)</b>											
										Prepared: 06/30/2013 Analyzed: 07/02/2013	
Aroclor 1016	0.291	0.0170	mg/kg wet	0.333		87.4	40-140		10.0	25	
Aroclor 1260	0.279	0.0170	"	0.333		83.8	40-140		15.0	25	
<i>Surrogate: Tetrachloro-m-xylene</i>	0.0377		"	0.0667		56.5	30-150				
<i>Surrogate: Decachlorobiphenyl</i>	0.0453		"	0.0670		67.7	30-150				



## Notes and Definitions

---

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

# Field Chain-of-Custody Record

Page 1 of 1  
13F1010  
York Project No. 130178

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

<b>YOUR Information</b> Company: <u>Hypox Tech</u> Address: <u>77 Arkey Dr</u> <u>Hamden, CT</u> Phone No. <u>637-462-8866</u> Contact Person: <u>Louison@chcteg.com</u> E-Mail Address: <u>Chcteg@hypox.com</u>		<b>Report To:</b> Company: <u>SJME</u> Address: <u>SJME</u> Phone No. <u>SJME</u> Attention: <u>SJME</u> E-Mail Address: <u>SJME</u>		<b>Invoice To:</b> Company: <u>SJME</u> Address: <u>SJME</u> Phone No. <u>SJME</u> Attention: <u>SJME</u> E-Mail Address: <u>SJME</u>		<b>YOUR Project ID</b> <u>130178 38th Street</u> <u>Brockton</u> <b>Purchase Order No.</b> <u>5974</u> Samples from: CT <u>NY</u> NJ		<b>Turn-Around Time</b> <input type="checkbox"/> RUSH - Same Day <input type="checkbox"/> RUSH - Next Day <input type="checkbox"/> RUSH - Two Day <input type="checkbox"/> RUSH - Three Day <input type="checkbox"/> RUSH - Four Day <b>Standard</b> (5-7 Days) <input type="checkbox"/>		<b>Report Type</b> <input type="checkbox"/> Summary Report <input type="checkbox"/> Summary w/ QA Summary <input type="checkbox"/> CT RCP Package <input type="checkbox"/> CTRCP DQA/DUE Pkg <input type="checkbox"/> NY ASP A Package <input type="checkbox"/> NY ASP B Package <input type="checkbox"/> NJDEP Red. Deliv. <u>Electronic Data Deliverables (EDD)</u> <input type="checkbox"/> Simple Excel <input type="checkbox"/> NYSEDEC EQUIS <input type="checkbox"/> EQUIS (std) <input type="checkbox"/> EZ-EDD (EQUIS) <input type="checkbox"/> NJDEP SRP HazSite EDD <input type="checkbox"/> GIS/KEY (std) <input type="checkbox"/> Other <input type="checkbox"/> York Regulatory Comparison <input type="checkbox"/> Excel Spreadsheet Compare to the following Regs. (please fill in):	
--	--	---	--	--	--	---	--	--	--	--	--

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

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

Samples Collected/Authorized By (Signature)  
Carlo Alvarez  
 Name (printed)  
Carlo Alvarez

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WC-3A (0'-2')	6/26/13 AM	soil	PCBS	18 ozs jar
WC-3A (2'-4')				
WC-3B (0'-2')				
WC-3B (2'-4')				
WC-3C (0'-2')				
WC-3C (2'-4')				
WC-3D (0'-2')				
WC-3D (2'-4')				

Comments

Preservation  
 Check those Applicable  
 4°C  Frozen  HCl  MeOH  HNO<sub>3</sub>  H<sub>2</sub>SO<sub>4</sub>  NaOH  
 ZnAc  Ascorbic Acid  
 Other: \_\_\_\_\_

Special Instructions  
 Field Filtered  
 Lab to Filter

Samples Relinquished By SJME Date/Time 6/26/13  
 Samples Relinquished in LAB by SJME Date/Time 6/28/13  
 Samples Received By SJME Date/Time 6/28/13  
 Samples Received in LAB by SJME Date/Time 7/20

Temperature on Receipt 38.0°C

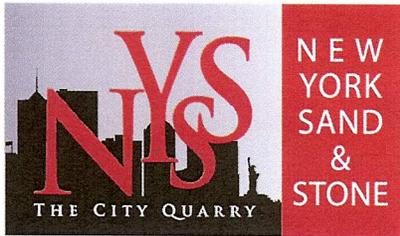
Appendix 10: Letter from New York Sand and Stone

**1309-1321 38TH STREET BROOKLYN, NEW YORK**

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**Remedial Action Report**

**APRIL 2015**



BROOKLYN NAVY YARD • 63 FLUSHING AVE UNIT #311 • BROOKLYN, NY 11205  
(718)-596-2897 (O) (718)-624-3363 (F)  
WWW.NEWYORKSANDANDSTONE.COM

---

August 12, 2013

M&Y DEVELOPERS  
713 BEDFORD AVE  
BROOKLYN, NY

Re: 1309 38th Street  
Brooklyn, NY

New York Sand & Stone LLC certifies that the sand proposed for use on the above referenced project is mined and processed from the Ambrose Channel under the guidelines of the U.S. Army Corp of Engineers permit number 200100492, and put back into the commercial market.

The mined sand is sampled and analyzed twice per year by Amboy Aggregates for total metals pesticides, PBCs, chloride, cyanide, volatile and semi volatile compounds. New York Sand and Stone, in addition samples and analyzes the sand twice per year for parameters listed in NYSDEC's DER TAGM 4046.

The material comes from locations where there are no environmental issues including spills, regulatory oversight, contamination or superfund status.

Please feel free to call with any questions.

Respectfully Submitted,  
NEW YORK SAND & STONE, LLC

Jodi-Ann Williams  
*Assistant Sales/Marketing*

Appendix 11: Letter from client certifying backfill quantity

**1309-1321 38TH STREET BROOKLYN, NEW YORK**

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**Remedial Action Report**

**APRIL 2015**

# M&Y DEVELOPERS INC.

2 Skillman St #214 Brooklyn NY 11205  
P: (718)-855-6670 F: (718)-855-6743

April 2, 2015

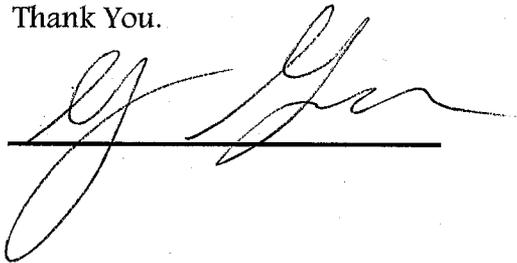
Hydrotech Environmental  
15 Ocean Ave 2<sup>nd</sup> floor (suite B)  
Brooklyn NY 11225

RE . DELIVERY OF CRUSHED STONE ON JULY 25, 2013 AT 1309-1321 38<sup>th</sup> St  
BROOKLYN, NY 11218.

Hydrotech Environmental.

We have received 350 cubic yards of crushed stone to the above mentioned site  
on July 25, 2013, as per order from Cross Concrete Inc.

Thank You.



A handwritten signature in black ink, appearing to be 'G. G.', is written over a solid horizontal line.

# M&Y DEVELOPERS INC.

2 Skillman St #214 Brooklyn NY 11205  
P: (718)-855-6670 F: (718)-855-6743

April 2, 2015

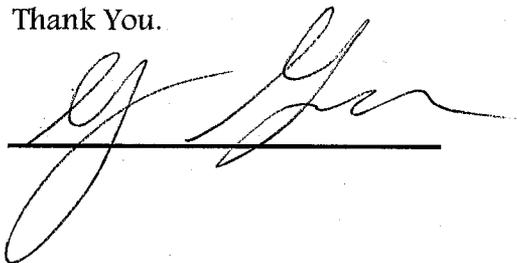
Hydrotech Environmental  
15 Ocean Ave 2<sup>nd</sup> floor (suite B)  
Brooklyn NY 11225

RE . DELIVERY OF CRUSHED STONE ON JULY 25, 2013 AT 1309-1321 38<sup>th</sup> St  
BROOKLYN, NY 11218.

Hydrotech Environmental.

We have received 350 cubic yards of crushed stone to the above mentioned site  
on July 25, 2013, as per order from Cross Concrete Inc.

Thank You.



A handwritten signature in black ink, appearing to be 'G. G.', is written over a solid horizontal line.

Appendix 12: Prospect Park NJ backfill import quantities

**1309-1321 38TH STREET BROOKLYN, NEW YORK**

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**Remedial Action Report**

**APRIL 2015**

# Daily Revenue Report

06/19/2014 12:00 AM - 06/19/2014 11:59 PM

Job # 14-2780 Customer Name M & Y Developers Inc. Project Name 1309 38th St

Receipt Date	Plate No	Quantity	Price	Net Weight (lb)	Net Weight (kg)	Net Price		
22980	06/19/2014 10:50 AM	AN381D	Transportation and Delivery of	83,940	29,860	54,080	27.04	\$757.12000
22981	06/19/2014 10:54 AM	AR175A	Transportation and Delivery of	83,000	28,420	54,580	27.29	\$764.12000
22991	06/19/2014 12:23 PM	AP307E	Transportation and Delivery of	86,720	29,120	57,600	28.80	\$806.40000
<b>Subtotal (Transportation and Delivery of Clean Fill)</b>			<b>3</b>	<b>253,660</b>	<b>87,400</b>	<b>166,260</b>	<b>83.13</b>	<b>\$2,327.64000</b>
<b>Subtotal (Job 14-2780)</b>			<b>3</b>	<b>253,660</b>	<b>87,400</b>	<b>166,260</b>	<b>83.13</b>	<b>\$2,327.64000</b>
<b>Total</b>			<b>3</b>	<b>253,660</b>	<b>87,400</b>	<b>166,260</b>	<b>83.13</b>	<b>\$2,327.64000</b>

83.13 x 6.25  
 \$561.13 x  
 71.  
 \$39.28 s/t  


---

 \$2,366.92

F PARK NJ LLC  
 150 PLANTEN  
 PROSPECT PARK, NJ 07  
 06/19/14 2:56 PM  
 TERMINAL I.D. # 067580  
 MERCHANT # 27468812695881

MASTERCARD  
 \*\*\*\*\*4339  
 MANUAL

SALE BATCH: 000180  
 INU: 000001

AUTH: 09525J  
 RRN: 01800001

TOTAL \$2366.92

ALL SALES ARE FINAL

CUSTOMER COPY



# PPark

100 Planten Ave.  
Prospect Park, NJ 07508  
973-947-4488 (Phone)  
973-542-2218 (Fax)

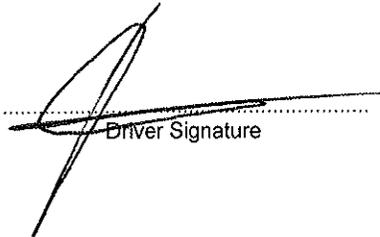
## Weight Ticket

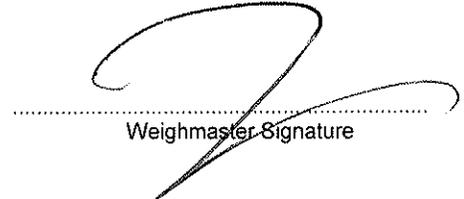
Ticket No. 22981  
Issued On 06.19.2014 10:54 AM

Customer		Project		Truck		Date and Time	
Ref. No.	86	Name	1309 38th St	Gross	6/19/2014 10:54:22 AM		
Name	M & Y Developers Inc.	Job	14-2780	Tare	6/19/2014 10:42:39 AM		
Address	713 Bedford Avenue	Address	1309 38th Street				
City, State, ZIP	Brooklyn, NY 11206	City, State, Zip	11218 Brooklyn				
Hauler Name	OJEDA #03						
Plate No.	AR175A						
Material	GROSS	TARE	NET (lbs)	NET (tons)	Unit Price (tons)	Net Price	
Transportation and Delivery of Clean Fill	83,000	28,420	54,580	27.29	0.01	764.12	
<b>TOTAL</b>						<b>764.12</b>	

Remarks:

TOTAL NET PRICE:	764.12
TOTAL TAX:	0.00
TOTAL w/ TAX:	764.12

  
Driver Signature

  
Weighmaster Signature



**PPark**

100 Planten Ave.  
Prospect Park, NJ 07508  
973-947-4488 (Phone)  
973-542-2218 (Fax)

**Weight Ticket**

Ticket No. 22980  
Issued On 06.19.2014 10:50 AM

Customer		Project	
Ref. No.	86	Name	1309 38th St
Name	M & Y Developers Inc.	Job	14-2780
Address	713 Bedford Avenue	Address	1309 38th Street
City, State, ZIP	Brooklyn, NY 11206	City, State, Zip	11218 Brooklyn
Truck		Date and Time	
Hauler Name	SALAZAR TRUCKING	Gross	6/19/2014 10:50:30 AM
Plate No.	AN381D	Tare	6/19/2014 10:35:11 AM

Material	GROSS	TARE	NET (lbs)	NET (tons)	Unit Price (tons)	Net Price
Transportation and Delivery of Clean Fill	83,940	29,860	54,080	27.04	0.01	757.12
<b>TOTAL</b>						<b>757.12</b>

Remarks:

TOTAL NET PRICE:	757.12
TOTAL TAX:	0.00
TOTAL w/ TAX:	757.12

Driver Signature

Weighmaster Signature



**PPark**

100 Planten Ave.  
Prospect Park, NJ 07508  
973-947-4488 (Phone)  
973-542-2218 (Fax)

**Weight Ticket**

Ticket No. 22991  
Issued On 06.19.2014 12:23 PM

**Customer**  
Ref. No. 86  
Name M & Y Developers Inc.  
Address 713 Bedford Avenue  
City, State, ZIP Brooklyn, NY 11206

**Project**  
Name 1309 38th St  
Job 14-2780  
Address 1309 38th Street  
City, State, Zip 11218 Brooklyn

**Truck**  
Hauler Name W OJEDA & SONS  
Plate No. AP307E

**Date and Time**  
Gross 6/19/2014 12:23:15 PM  
Tare 6/19/2014 12:10:34 PM

Material	GROSS	TARE	NET (lbs)	NET (tons)	Unit Price (tons)	Net Price
Transportation and Delivery of Clean Fill	86,720	29,120	57,600	28.80	0.01	806.40
<b>TOTAL</b>						<b>806.40</b>

Remarks:

TOTAL NET PRICE:	806.40
TOTAL TAX:	0.00
TOTAL w/ TAX:	806.40

  
.....  
Driver Signature

  
.....  
Weighmaster Signature

# Daily Revenue Report

06/18/2014 12:00 AM - 06/18/2014 11:59 PM

Job # 14-2780 Customer Name M & Y Developers Inc. Project Name 1309 38th St

TIME	DATE	TIME	DESCRIPTION	AMOUNT	TAX	TOTAL	PERCENT	TOTAL	
22930	06/18/2014 12:10 PM	AK131X	Transportation and Delivery of	83,820	28,760	55,060	27.53	\$770.84000	
22956	06/18/2014 03:14 PM	AM680T	Transportation and Delivery of	88,260	29,720	58,540	29.27	\$819.56000	
22963	06/18/2014 03:58 PM	AR786B	Transportation and Delivery of	88,320	28,660	59,660	29.83	\$835.24000	
<b>Subtotal (Transportation and Delivery of Clean Fill)</b>				<b>3</b>	<b>260,400</b>	<b>87,140</b>	<b>173,260</b>	<b>86.63</b>	<b>\$2,425.64000</b>
<b>Subtotal (Job 14-2780)</b>				<b>3</b>	<b>260,400</b>	<b>87,140</b>	<b>173,260</b>	<b>86.63</b>	<b>\$2,425.64000</b>
<b>Total</b>				<b>3</b>	<b>260,400</b>	<b>87,140</b>	<b>173,260</b>	<b>86.63</b>	<b>\$2,425.64000</b>

86.63 x 6.75  
 \$ 584.75  
 x 7%  
 \$ 40.93 s/T  


---

 \$ 2466.57

P PARK NJ, LLC  
 150 PLANTEN  
 PROSPECT PARK, NJ 07  
 06/19/14 10:19 AM  
 TERMINAL I.D. # : 067660  
 MERCHANT # : 2746001269881  
 MASTERCARD  
 \*\*\*\*\*4339  
 MANUAL  
 SALE BATCH: 000179  
 INU: 000001  
 AUTH: 06669J  
 RRN: 01790001  
 TOTAL \$2466.57

ALL SALES ARE FINAL

CUSTOMER COPY



**PPark**

100 Planten Ave.  
Prospect Park, NJ 07508  
973-947-4488 (Phone)  
973-542-2218 (Fax)

**Weight Ticket**

Ticket No. 22930  
Issued On 06.18.2014 12:10 PM

Customer	
Ref. No.	86
Name	M & Y Developers Inc.
Address	713 Bedford Avenue
City, State, Zip	Brooklyn, NY 11206

Project	
Name	1309 38th St
Job	14-2780
Address	1309 38th Street
City, State, Zip	11218 Brooklyn

Truck	
Hauler Name	URIEL LLC #7
Plate No.	AK131X

Date and Time	
Gross	6/18/2014 12:10:52 PM
Tare	6/18/2014 11:47:07 AM

Material	GROSS	TARE	NET (lbs)	NET (tons)	Unit Price (tons)	Net Price
Transportation and Delivery of Clean Fill	83,820	28,760	55,060	27.53	0.01	770.84
<b>TOTAL</b>						<b>770.84</b>

Remarks:

TOTAL NET PRICE:	770.84
TOTAL TAX:	0.00
TOTAL w/ TAX:	770.84

Driver Signature

Weighmaster Signature



**PPark**

100 Planten Ave.  
Prospect Park, NJ 07508  
973-947-4488 (Phone)  
973-542-2218 (Fax)

**Weight Ticket**

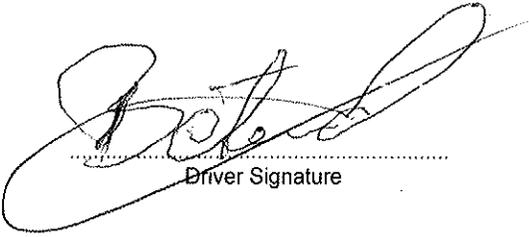
Ticket No. 22956  
Issued On 06.18.2014 03:14 PM

Customer		Project	
Ref. No.	86	Name	1309 38th St
Name	M & Y Developers Inc.	Job	14-2780
Address	713 Bedford Avenue	Address	1309 38th Street
City, State, ZIP	Brooklyn, NY 11206	City, State, Zip	11218 Brooklyn
Truck		Date and Time	
Hauler Name	SALAZAR TRUCKING	Gross	6/18/2014 3:14:21 PM
Plate No.	AM680T	Tare	6/18/2014 2:59:00 PM

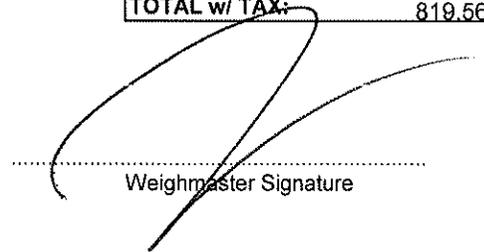
Material	GROSS	TARE	NET (lbs)	NET (tons)	Unit Price (tons)	Net Price
Transportation and Delivery of Clean Fill	88,260	29,720	58,540	29.27	0.01	819.56
<b>TOTAL</b>						<b>819.56</b>

Remarks:

TOTAL NET PRICE:	819.56
TOTAL TAX:	0.00
TOTAL w/ TAX:	819.56



.....  
Driver Signature



.....  
Weighmaster Signature



# PPark

100 Planten Ave.  
Prospect Park, NJ 07508  
973-947-4488 (Phone)  
973-542-2218 (Fax)

## Weight Ticket

Ticket No. 22963  
Issued On 06.18.2014 03:58 PM

Customer		Project	
Ref. No.	86	Name	1309 38th St
Name	M & Y Developers Inc.	Job	14-2780
Address	713 Bedford Avenue	Address	1309 38th Street
City, State, ZIP	Brooklyn, NY 11206	City, State, Zip	11218 Brooklyn
Truck		Date and Time	
Hauler Name	DSM TRUCKING #16	Gross	6/18/2014 3:58:16 PM
Plate No.	AR786B	Tare	6/18/2014 3:43:15 PM

Material	GROSS	TARE	NET (lbs)	NET (tons)	Unit Price (tons)	Net Price
Transportation and Delivery of Clean Fill	88,320	28,660	59,660	29.83	0.01	835.24
<b>TOTAL</b>						<b>835.24</b>

Remarks:

TOTAL NET PRICE:	835.24
TOTAL TAX:	0.00
TOTAL w/ TAX:	835.24

.....  
  
 Driver Signature

.....  
  
 Weighmaster Signature

# Daily Revenue Report

06/16/2014 12:00 AM - 06/16/2014 11:59 PM

Job # 14-2780

Customer Name M & Y Developers Inc.

Project Name 1309 38th St

TIME	DATE	TIME	TERMINAL	DESCRIPTION	GROSS	NET	NET (W/ADJ/STRT)	NET (W/ADJ/STRT)	NET (W/ADJ/STRT)	
22824	06/16/2014 07:16 AM	AP322V		Transportation and Delivery of	82,920	28,520	54,400	27.20	\$761.60000	
22825	06/16/2014 07:21 AM	AP694F		Transportation and Delivery of	83,020	27,120	55,900	27.95	\$782.60000	
22826	06/16/2014 07:24 AM	AK201S		Transportation and Delivery of	83,820	29,540	54,280	27.14	\$759.92000	
<b>Subtotal (Transportation and Delivery of Clean Fill)</b>					<b>3</b>	<b>249,760</b>	<b>85,180</b>	<b>164,580</b>	<b>82.29</b>	<b>\$2,304.12000</b>
<b>Subtotal (Job 14-2780)</b>					<b>3</b>	<b>249,760</b>	<b>85,180</b>	<b>164,580</b>	<b>82.29</b>	<b>\$2,304.12000</b>
<b>Total</b>					<b>3</b>	<b>249,760</b>	<b>85,180</b>	<b>164,580</b>	<b>82.29</b>	<b>\$2,304.12000</b>

82.29 x 6.75  
 555.46  
 x 7% S/T  
 -----  
 \$ 38.88

P PARK NJ LLC  
 150 PLANTEN  
 PROSPECT PARK, NJ 07

TERMINAL I.D.: 067600  
 MERCHANT # : 27460012695801

06/17/14 9:55 AM

MASTERCARD  
 \*\*\*\*\*4339  
 MANUAL

SALE  
 BATCH: 000177  
 INU:000004

AUTH: 04313J  
 RRN: 01770004

TOTAL \$2304.12

P PARK NJ LLC  
 150 PLANTEN  
 PROSPECT PARK, NJ 07

TERMINAL I.D.: 067600  
 MERCHANT # : 27460012695801

06/17/14 10:10 AM

MASTERCARD  
 \*\*\*\*\*4339  
 MANUAL

SALE  
 BATCH: 000177  
 INU:000005

AUTH: 09274J  
 RRN: 01770005

TOTAL \$38.88

ALL SALES ARE FINAL

CUSTOMER COPY

ALL SALES ARE FINAL

CUSTOMER COPY



**PPark**

100 Planten Ave.  
Prospect Park, NJ 07508  
973-947-4488 (Phone)  
973-542-2218 (Fax)

**Weight Ticket**

Ticket No. 22824  
Issued On 06.16.2014 07:17 AM

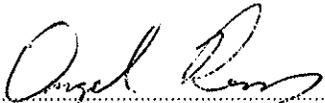
Customer		Project	
Ref. No.	86	Name	1309 38th St
Name	M & Y Developers Inc.	Job	14-2780
Address	713 Bedford Avenue	Address	1309 38th Street
City, State, Zip	Brooklyn, NY 11206	City, State, Zip	11218 Brooklyn

Truck		Date and Time	
Hauler Name	MCB #3	Gross	6/16/2014 7:16:59 AM
Plate No.	AP322V	Tare	6/16/2014 7:04:06 AM

Material	GROSS	TARE	NET (lbs)	NET (tons)	Unit Price (tons)	Net Price
Transportation and Delivery of Clean Fill	82,920	28,520	54,400	27.20	0.01	761.60
<b>TOTAL</b>						<b>761.60</b>

Remarks:

TOTAL NET PRICE:	761.60
TOTAL TAX:	0.00
TOTAL w/ TAX:	761.60

  
Driver Signature

  
Weighmaster Signature



# PPark

100 Planten Ave.  
Prospect Park, NJ 07508  
973-947-4488 (Phone)  
973-542-2218 (Fax)

## Weight Ticket

Ticket No. 22825  
Issued On 06.16.2014 07:21 AM

**Customer**

Ref. No. 86  
Name M & Y Developers Inc.  
Address 713 Bedford Avenue  
  
City, State, ZIP Brooklyn, NY 11206

**Project**

Name 1309 38th St  
Job 14-2780  
Address 1309 38th Street  
  
City, State, Zip 11218 Brooklyn

**Truck**

Hauler Name J GRANDA TRANS LLC  
Plate No. AP694F

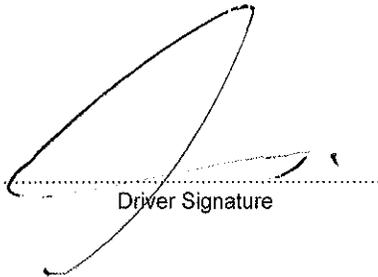
**Date and Time**

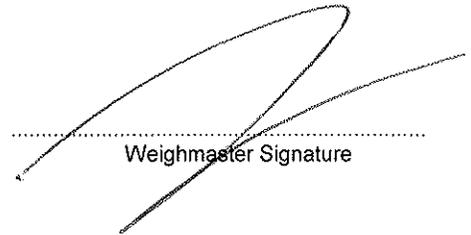
Gross 6/16/2014 7:21:23 AM  
Tare 6/16/2014 7:05:28 AM

Material	GROSS	TARE	NET (lbs)	NET (tons)	Unit Price (tons)	Net Price
Transportation and Delivery of Clean Fill	83,020	27,120	55,900	27.95	0.01	782.60
<b>TOTAL</b>						<b>782.60</b>

Remarks:

TOTAL NET PRICE:	782.60
TOTAL TAX:	0.00
TOTAL w/ TAX:	782.60

  
Driver Signature

  
Weighmaster Signature



# PPark

100 Planten Ave.  
Prospect Park, NJ 07508  
973-947-4488 (Phone)  
973-542-2218 (Fax)

## Weight Ticket

Ticket No. 22826  
Issued On 06.16.2014 07:24 AM

**Customer**  
Ref. No. 86  
Name M & Y Developers Inc.  
Address 713 Bedford Avenue

City, State, ZIP Brooklyn, NY 11206

**Truck**  
Hauler Name MUNOZ TRUCKING  
Plate No. AK201S

**Project**  
Name 1309 38th St  
Job 14-2780  
Address 1309 38th Street

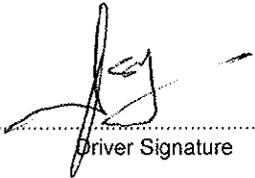
City, State, Zip 11218 Brooklyn

**Date and Time**  
Gross 6/16/2014 7:24:56 AM  
Tare 6/16/2014 7:07:04 AM

Material	GROSS	TARE	NET (lbs)	NET (tons)	Unit Price (tons)	Net Price
Transportation and Delivery of Clean Fill	83,820	29,540	54,280	27.14	0.01	759.92
<b>TOTAL</b>						<b>759.92</b>

Remarks:

TOTAL NET PRICE:	759.92
TOTAL TAX:	0.00
TOTAL w/ TAX:	759.92

  
Driver Signature

  
Weighmaster Signature

# Daily Revenue Report

06/13/2014 12:00 AM - 06/13/2014 11:59 PM

Job # 14-2780 Customer Name M & Y Developers Inc. Project Name 1308 38th St

PROJ	DATE	TIME	DESCRIPTION	AMOUNT	TAX	TOTAL	PERCENT	REVENUE	
22780	06/13/2014	07:22 AM	AP307E Transportation and Delivery of	81,500	29,060	52,440	26.22	\$734.16000	
22781	06/13/2014	07:25 AM	AM991T Transportation and Delivery of	78,580	27,560	51,020	25.51	\$714.28000	
22782	06/13/2014	08:05 AM	AR175A Transportation and Delivery of	81,880	28,360	53,520	26.76	\$749.28000	
22803	06/13/2014	11:56 AM	AR989F Transportation and Delivery of	82,160	29,100	53,060	26.53	\$742.84000	
??804	06/13/2014	11:58 AM	AR990F Transportation and Delivery of	81,500	28,840	52,660	26.33	\$737.24000	
<b>Subtotal (Transportation and Delivery of Clean Fill)</b>				<b>5</b>	<b>405,620</b>	<b>142,920</b>	<b>262,700</b>	<b>131.35</b>	<b>\$3,677.80000</b>
<b>Subtotal (Job 14-2780)</b>				<b>5</b>	<b>405,620</b>	<b>142,920</b>	<b>262,700</b>	<b>131.35</b>	<b>\$3,677.80000</b>
<b>Total</b>				<b>5</b>	<b>405,620</b>	<b>142,920</b>	<b>262,700</b>	<b>131.35</b>	<b>\$3,677.80000</b>

P PARK NJ LLC  
 150 PLANTEN  
 PROSPECT PARK, NJ 07  
 TERMINAL I.D. # 067600  
 MERCHANT # 27460012695801  
 06/16/14 8:01 AM

MASTERCARD  
 \*\*\*\*\*4339  
 MANUAL

SALE BATCH: 000176  
 INV: 000001

AUTH: 01532J  
 RRN: 01760001

TOTAL \$3677.80

ALL SALES ARE FINAL

CUSTOMER COPY



**PPark**

100 Planten Ave.  
Prospect Park, NJ 07508  
973-947-4488 (Phone)  
973-542-2218 (Fax)

**Weight Ticket**

Ticket No. 22780  
Issued On 06.13.2014 07:22 AM

**Customer**

Ref. No. 86  
 Name M & Y Developers Inc.  
 Address 713 Bedford Avenue  
 City, State, Zip Brooklyn, NY 11206

**Project**

Name 1309 38th St  
 Job 14-2780  
 Address 1309 38th Street  
 City, State, Zip 11218 Brooklyn

**Truck**

Hauler Name W OJEDA & SONS  
 Plate No. AP307E

**Date and Time**

Gross 6/13/2014 7:22:54 AM  
 Tare 6/13/2014 7:07:48 AM

Material	GROSS	TARE	NET (lbs)	NET (tons)	Unit Price (tons)	Net Price
Transportation and Delivery of Clean Fill	81,500	29,060	52,440	26.22	0.01	734.16
<b>TOTAL</b>						<b>734.16</b>

Remarks:

TOTAL NET PRICE:	734.16
TOTAL TAX:	0.00
TOTAL w/ TAX:	734.16

Driver Signature

Weighmaster Signature



**PPark**

100 Planten Ave.  
Prospect Park, NJ 07508  
973-947-4488 (Phone)  
973-542-2218 (Fax)

**Weight Ticket**

Ticket No. 22781  
Issued On 06.13.2014 07:25 AM

**Customer**

Ref. No. 86  
Name M & Y Developers Inc.  
Address 713 Bedford Avenue  
  
City, State, Zip Brooklyn, NY 11206

**Project**

Name 1309 38th St  
Job 14-2780  
Address 1309 38th Street  
  
City, State, Zip 11218 Brooklyn

**Truck**

Hauler Name W OJEDA & SONS  
Plate No. AM991T

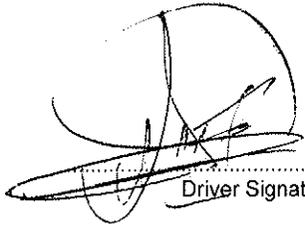
**Date and Time**

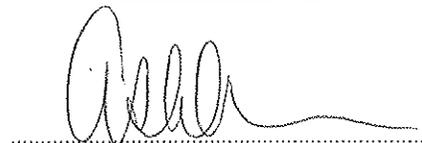
Gross 6/13/2014 7:25:39 AM  
Tare 6/13/2014 7:09:32 AM

Material	GROSS	TARE	NET (lbs)	NET (tons)	Unit Price (tons)	Net Price
Transportation and Delivery of Clean Fill	78,580	27,560	51,020	25.51	0.01	714.28
<b>TOTAL</b>						<b>714.28</b>

Remarks:

TOTAL NET PRICE:	714.28
TOTAL TAX:	0.00
TOTAL w/ TAX:	714.28

  
Driver Signature

  
Weighmaster Signature



# PPark

100 Planten Ave.  
Prospect Park, NJ 07508  
973-947-4488 (Phone)  
973-542-2218 (Fax)

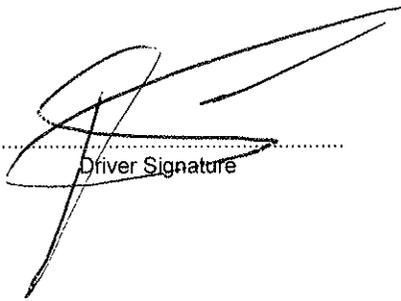
## Weight Ticket

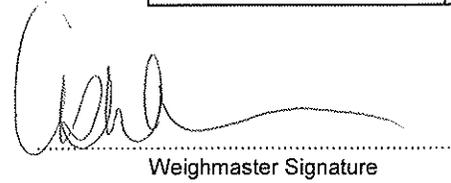
Ticket No. 22782  
Issued On 06.13.2014 08:05 AM

Customer		Project				
Ref. No.	86	Name	1309 38th St			
Name	M & Y Developers Inc.	Job	14-2780			
Address	713 Bedford Avenue	Address	1309 38th Street			
City, State, Zip	Brooklyn, NY 11206	City, State, Zip	11218 Brooklyn			
Truck		Date and Time				
Hauler Name	OJEDA #03	Gross	6/13/2014 8:05:57 AM			
Plate No.	AR175A	Tare	6/13/2014 7:49:26 AM			
Material	GROSS	TARE	NET (lbs)	NET (tons)	Unit Price (tons)	Net Price
Transportation and Delivery of Clean Fill	81,880	28,360	53,520	26.76	0.01	749.28
<b>TOTAL</b>						<b>749.28</b>

Remarks:

TOTAL NET PRICE:	749.28
TOTAL TAX:	0.00
TOTAL w/ TAX:	749.28

  
Driver Signature

  
Weighmaster Signature



**PPark**

100 Planten Ave.  
Prospect Park, NJ 07508  
973-947-4488 (Phone)  
973-542-2218 (Fax)

**Weight Ticket**

Ticket No. 22803  
Issued On 06.13.2014 11:56 AM

Customer	
Ref. No.	86
Name	M & Y Developers Inc.
Address	713 Bedford Avenue
City, State, ZIP	Brooklyn, NY 11206

Project	
Name	1309 38th St
Job	14-2780
Address	1309 38th Street
City, State, Zip	11218 Brooklyn

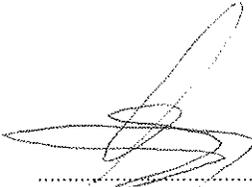
Truck	
Hauler Name	URIEL #12
Plate No.	AR989F

Date and Time	
Gross	6/13/2014 11:56:35 AM
Tare	6/13/2014 11:37:25 AM

Material	GROSS	TARE	NET (lbs)	NET (tons)	Unit Price (tons)	Net Price
Transportation and Delivery of Clean Fill	82,160	29,100	53,060	26.53	0.01	742.84
<b>TOTAL</b>						<b>742.84</b>

Remarks:

TOTAL NET PRICE:	742.84
TOTAL TAX:	0.00
TOTAL w/ TAX:	742.84

  
.....  
Driver Signature

  
.....  
Weighmaster Signature



# PPark

100 Planten Ave.  
Prospect Park, NJ 07508  
973-947-4488 (Phone)  
973-542-2218 (Fax)

## Weight Ticket

Ticket No. 22804  
Issued On 06.13.2014 11:58 AM

**Customer**

Ref. No. 86  
 Name M & Y Developers Inc.  
 Address 713 Bedford Avenue  
 City, State, ZIP Brooklyn, NY 11206

**Project**

Name 1309 38th St  
 Job 14-2780  
 Address 1309 38th Street  
 City, State, Zip 11218 Brooklyn

**Truck**

Hauler Name URIEL #23  
 Plate No. AR990F

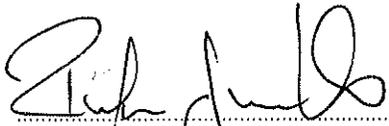
**Date and Time**

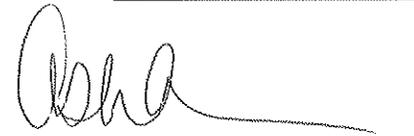
Gross 6/13/2014 11:58:18 AM  
 Tare 6/13/2014 11:38:15 AM

Material	GROSS	TARE	NET (lbs)	NET (tons)	Unit Price (tons)	Net Price
Transportation and Delivery of Clean Fill	81,500	28,840	52,660	26.33	0.01	737.24
<b>TOTAL</b>						<b>737.24</b>

Remarks:

TOTAL NET PRICE:	737.24
TOTAL TAX:	0.00
TOTAL w/ TAX:	737.24

  
 Driver Signature

  
 Weighmaster Signature

06/12/2014 04:35 PM

# Daily Revenue Report

06/12/2014 12:00 AM - 06/12/2014 11:59 PM

Job # 14-2780

Customer Name M & Y Developers Inc.

Project Name 1309 38th St

Invoice #	Date	Client ID	Activity	Start	End	Revenue	Rate	Total
22674	06/12/2014 06:58 AM	AP357L	Transportation and Delivery of	81,000	27,320	53,680	26.84	\$751.52000
22685	06/12/2014 08:51 AM	AK131X	Transportation and Delivery of	84,320	29,160	55,160	27.58	\$772.24000
22774	06/12/2014 03:48 PM	AP357L	Transportation and Delivery of	83,440	27,100	56,340	28.17	\$788.76000
<b>Subtotal (Transportation and Delivery of Clean Fill)</b>			<b>3</b>	<b>248,760</b>	<b>83,580</b>	<b>165,180</b>	<b>82.59</b>	<b>\$2,312.52000</b>
<b>Subtotal (Job 14-2780)</b>			<b>3</b>	<b>248,760</b>	<b>83,580</b>	<b>165,180</b>	<b>82.59</b>	<b>\$2,312.52000</b>
<b>Total</b>			<b>3</b>	<b>248,760</b>	<b>83,580</b>	<b>165,180</b>	<b>82.59</b>	<b>\$2,312.52000</b>

P PARK NJ LLC  
150 PLANTEN  
PROSPECT PARK, NJ 07

TERMINAL I.D.: 067600  
MERCHANT #: 27460012695801

06/13/14 6:23 AM

MASTERCARD  
\*\*\*\*\*4339  
MANUAL

SALE  
BATCH: 000174  
INU: 000002

AUTH: 07820J  
RRR: 01740002

TOTAL \$2312.52

X  
I AGREE TO PAY ABOVE TOTAL AMOUNT  
ACCORDING TO CARD ISSUER AGREEMENT  
(MERCHANT AGREEMENT IF CREDIT VOUCHER)

ALL SALES ARE FINAL

MERCHANT COPY



# PPark

100 Planten Ave.  
Prospect Park, NJ 07508  
973-947-4488 (Phone)  
973-542-2218 (Fax)

## Weight Ticket

Ticket No. 22674  
Issued On 06.12.2014 06:58 AM

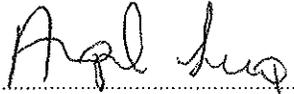
Customer		Project	
Ref. No.	86	Name	1309 38th St
Name	M & Y Developers Inc.	Job	14-2780
Address	713 Bedford Avenue	Address	1309 38th Street
City, State, Zip	Brooklyn, NY 11206	City, State, Zip	11218 Brooklyn

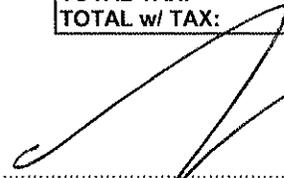
Truck		Date and Time	
Hauler Name	MOON LIGHT EXPRESS	Gross	6/12/2014 6:58:30 AM
Plate No.	AP357L	Tare	6/12/2014 6:45:21 AM

Material	GROSS	TARE	NET (lbs)	NET (tons)	Unit Price (tons)	Net Price
Transportation and Delivery of Clean Fill	81,000	27,320	53,680	26.84	0.01	751.52
<b>TOTAL</b>						<b>751.52</b>

Remarks:

TOTAL NET PRICE:	751.52
TOTAL TAX:	0.00
TOTAL w/ TAX:	751.52

  
Driver Signature

  
Weighmaster Signature



**PPark**

100 Planten Ave.  
Prospect Park, NJ 07508  
973-947-4488 (Phone)  
973-542-2218 (Fax)

**Weight Ticket**

Ticket No. 22685  
Issued On 06.12.2014 08:51 AM

Customer		Project				
Ref. No.	86	Name	1309 38th St			
Name	M & Y Developers Inc.	Job	14-2780			
Address	713 Bedford Avenue	Address	1309 38th Street			
City, State, Zip	Brooklyn, NY 11206	City, State, Zip	11218 Brooklyn			
Truck		Date and Time				
Hauler Name	URIEL LLC #7	Gross	6/12/2014 8:51:36 AM			
Plate No.	AK131X	Tare	6/12/2014 8:34:59 AM			
Material	GROSS	TARE	NET (lbs)	NET (tons)	Unit Price (tons)	Net Price
Transportation and Delivery of Clean Fill	84,320	29,160	55,160	27.58	0.01	772.24
<b>TOTAL</b>						<b>772.24</b>

Remarks:

TOTAL NET PRICE:	772.24
TOTAL TAX:	0.00
TOTAL w/ TAX:	772.24

Driver Signature

Weighmaster Signature



# Weight Ticket

Ticket No. 22774  
Issued On 06.12.2014 03:48 PM

## PPark

100 Planten Ave.  
Prospect Park, NJ 07508  
973-947-4488 (Phone)  
973-542-2218 (Fax)

Customer		Project	
Ref. No.	86	Name	1309 38th St
Name	M & Y Developers Inc.	Job	14-2780
Address	713 Bedford Avenue	Address	1309 38th Street
City, State, ZIP	Brooklyn, NY 11206	City, State, Zip	11218 Brooklyn

Truck		Date and Time	
Hauler Name	MOON LIGHT EXPRESS	Gross	6/12/2014 3:48:06 PM
Plate No.	AP357L	Tare	6/12/2014 3:30:22 PM

Material	GROSS	TARE	NET (lbs)	NET (tons)	Unit Price (tons)	Net Price
Transportation and Delivery of Clean Fill	83,440	27,100	56,340	28.17	0.01	788.76
<b>TOTAL</b>						<b>788.76</b>

Remarks:

TOTAL NET PRICE:	788.76
TOTAL TAX:	0.00
TOTAL w/ TAX:	788.76

Driver Signature

  
Weighmaster Signature

# Daily Revenue Report

06/11/2014 12:00 AM - 06/11/2014 11:59 PM

Job # 14-2780 Customer Name M & Y Developers Inc. Project Name 1309 38th St

LINE #	DATE	TIME	DESCRIPTION	QTY	UNIT PRICE	TOTAL PRICE	TAX	TOTAL TAX	NET TOTAL
22662	06/11/2014	02:16 PM	Transportation and Delivery of	81,900	31,740	50,160	25.08	\$702.24000	
Subtotal (Transportation and Delivery of Clean Fill)				1	81,900	31,740	25.08	\$702.24000	
Subtotal (Job 14-2780)				1	81,900	31,740	25.08	\$702.24000	
Total				1	81,900	31,740	25.08	\$702.24000	

25.08 x 6-75 =  
169.29  
58.11  
\$11.85  
S/T

714.09

F PARK NJ LLC  
150 PLANTEN  
PROSPECT PARK, NJ 07  
TERMINAL I.D. # 067600  
MERCHANT # 2746001269801  
06/12/14 12:07 PM  
MASTERCARD  
\*\*\*\*\*4339  
SALE BATCH: 000173  
INU: 000002  
AUTH: 06903J  
RRN: 0-730002  
TOTAL \$714.09

ALL SALES ARE FINAL  
CUSTOMER COPY



# PPark

100 Planten Ave.  
Prospect Park, NJ 07508  
973-947-4488 (Phone)  
973-542-2218 (Fax)

## Weight Ticket

Ticket No. 22662  
Issued On 06.11.2014 02:16 PM

Customer		Project	
Ref. No.	86	Name	1309 38th St
Name	M & Y Developers Inc.	Job	14-2780
Address	713 Bedford Avenue	Address	1309 38th Street
City, State, Zip	Brooklyn, NY 11206	City, State, Zip	11218 Brooklyn

Truck		Date and Time	
Hauler Name	GREGORY TRUCKING #14	Gross	6/11/2014 2:16:27 PM
Plate No.	AP876Y	Tare	6/11/2014 1:59:38 PM

Material	GROSS	TARE	NET (lbs)	NET (tons)	Unit Price (tons)	Net Price
Transportation and Delivery of Clean Fill	81,900	31,740	50,160	25.08	0.01	702.24
<b>TOTAL</b>						<b>702.24</b>

Remarks:

TOTAL NET PRICE:	702.24
TOTAL TAX:	0.00
TOTAL w/ TAX:	702.24

Driver Signature

Weighmaster Signature

# Daily Revenue Report

06/06/2014 12:00 AM - 06/06/2014 11:59 PM

Job # 14-2780      Customer Name M & Y Developers Inc      Project Name 1309 38th St

Invoice #	Invoice Date	Invoice Time	Invoice Description	Quantity	Unit Price	Net Amount	Tax	Total	
22388	06/06/2014	07:23 AM	AK556R Transportation and Delivery of	83,080	28,940	54,140	27.07	\$757.96000	
22389	06/06/2014	07:21 AM	AP797X Transportation and Delivery of	79,160	28,380	50,780	25.39	\$710.92000	
22390	06/06/2014	07:28 AM	AK131X Transportation and Delivery of	77,260	29,140	48,120	24.06	\$673.68000	
22391	06/06/2014	07:34 AM	AR989F Transportation and Delivery of	81,400	29,080	52,320	26.16	\$732.48000	
22392	06/06/2014	07:37 AM	AR990F Transportation and Delivery of	85,100	28,760	56,340	28.17	\$788.76000	
<b>Subtotal (Transportation and Delivery of Clean Fill)</b>				<b>5</b>	<b>406,000</b>	<b>144,300</b>	<b>261,700</b>	<b>130.85</b>	<b>\$3,663.80000</b>
<b>Subtotal (Job 14-2780)</b>				<b>5</b>	<b>406,000</b>	<b>144,300</b>	<b>261,700</b>	<b>130.85</b>	<b>\$3,663.80000</b>
<b>Total</b>				<b>5</b>	<b>406,000</b>	<b>144,300</b>	<b>261,700</b>	<b>130.85</b>	<b>\$3,663.80000</b>

P PARK NJ LLC  
 150 PLANTEN  
 PROSPECT PARK, NJ 07  
 TERMINAL I.D.: 067600  
 MERCHANT # : 27460012655881  
 06/09/14 9:33 AM  
 MASTERCARD  
 \*\*\*\*\*4339  
 MANUAL  
 SALE BATCH: 000170  
 INV: 000001  
 AUTH: 05047J  
 RAN: 01700001  
 TOTAL \$3663.80

ALL SALES ARE FINAL  
 CUSTOMER COPY



**P**Park

100 Planten Ave.  
 Prospect Park, NJ 07508  
 973-947-4488 (Phone)  
 973-542-2218 (Fax)

**Weight Ticket**

Ticket No. 22389  
 Issued On 06.06.2014 07:21 AM

Customer		Project	
Ref. No.	86	Name	1309 38th St
Name	M & Y Developers Inc.	Job	14-2780
Address	713 Bedford Avenue	Address	1309 38th Street
City, State, ZIP	Brooklyn, NY 11206	City, State, Zip	11218 Brooklyn

Truck		Date and Time	
Hauler Name	Uriel LLC Trucking #3	Gross	6/6/2014 7:03:34 AM
Plate No.	AP797X	Tare	6/6/2014 7:21:30 AM

Material	GROSS	TARE	NET (lbs)	NET (tons)	Unit Price (tons)	Net Price
Transportation and Delivery of Clean Fill	79,160	28,380	50,780	25.39	0.01	710.92
<b>TOTAL</b>						<b>710.92</b>

Remarks:

.....  
 Driver Signature

TOTAL NET PRICE:	710.92
TOTAL TAX:	0.00
TOTAL w/ TAX:	710.92

.....  
 Weighmaster Signature



**PPark**

100 Planten Ave.  
Prospect Park, NJ 07508  
973-947-4488 (Phone)  
973-542-2218 (Fax)

**Weight Ticket**

Ticket No. 22388  
Issued On 06.06.2014 07:23 AM

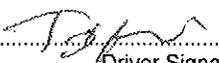
Customer		Project	
Ref. No.	86	Name	1309 38th St
Name	M & Y Developers Inc.	Job	14-2780
Address	713 Bedford Avenue	Address	1309 38th Street
City, State, Zip	Brooklyn, NY 11206	City, State, Zip	11218 Brooklyn

Truck		Date and Time	
Hauler Name	Uriel LLC Trucking #777	Gross	6/6/2014 7:02:44 AM
Plate No.	AK556R	Tare	6/6/2014 7:23:03 AM

Material	GROSS	TARE	NET (lbs)	NET (tons)	Unit Price (tons)	Net Price
Transportation and Delivery of Clean Fill	83,080	28,940	54,140	27.07	0.01	757.96
<b>TOTAL</b>						<b>757.96</b>

Remarks:

TOTAL NET PRICE:	757.96
TOTAL TAX:	0.00
TOTAL w/ TAX:	757.96

  
.....  
Driver Signature

  
.....  
Weighmaster Signature



**PPark**

100 Planten Ave.  
Prospect Park, NJ 07508  
973-947-4488 (Phone)  
973-542-2218 (Fax)

**Weight Ticket**

Ticket No. 22390  
Issued On 06.06.2014 07:28 AM

Customer		Project	
Ref. No.	86	Name	1309 38th St
Name	M & Y Developers Inc.	Job	14-2780
Address	713 Bedford Avenue	Address	1309 38th Street
City, State, ZIP	Brooklyn, NY 11206	City, State, Zip	11218 Brooklyn

Truck		Date and Time	
Hauler Name	URIEL LLC #7	Gross	6/6/2014 7:04:19 AM
Plate No.	AK131X	Tare	6/6/2014 7:28:00 AM

Material	GROSS	TARE	NET (lbs)	NET (tons)	Unit Price (tons)	Net Price
Transportation and Delivery of Clean Fill	77,260	29,140	48,120	24.06	0.01	673.68
<b>TOTAL</b>						<b>673.68</b>

Remarks:

TOTAL NET PRICE:	673.68
TOTAL TAX:	0.00
TOTAL w/ TAX:	673.68

Driver Signature

Weighmaster Signature



# PPark

100 Planten Ave.  
Prospect Park, NJ 07508  
973-947-4488 (Phone)  
973-542-2218 (Fax)

## Weight Ticket

Ticket No. 22391  
Issued On 06.06.2014 07:34 AM

Customer		Project	
Ref. No.	86	Name	1309 38th St
Name	M & Y Developers Inc.	Job	14-2780
Address	713 Bedford Avenue	Address	1309 38th Street
City, State, ZIP	Brooklyn, NY 11206	City, State, Zip	11218 Brooklyn

Truck		Date and Time	
Hauler Name	URIEL #12	Gross	6/6/2014 7:05:16 AM
Plate No.	AR989F	Tare	6/6/2014 7:34:05 AM

Material	GROSS	TARE	NET (lbs)	NET (tons)	Unit Price (tons)	Net Price
Transportation and Delivery of Clean Fill	81,400	29,080	52,320	26.16	0.01	732.48
<b>TOTAL</b>						<b>732.48</b>

Remarks:

TOTAL NET PRICE:	732.48
TOTAL TAX:	0.00
TOTAL w/ TAX:	732.48

Driver Signature

Weighmaster Signature



**PPark**

100 Planten Ave.  
 Prospect Park, NJ 07508  
 973-947-4488 (Phone)  
 973-542-2218 (Fax)

**Weight Ticket**

Ticket No. 22392  
 Issued On 06.06.2014 07:37 AM

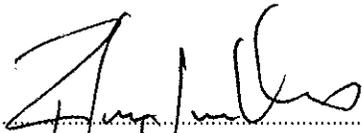
Customer		Project	
Ref. No.	86	Name	1309 38th St
Name	M & Y Developers Inc.	Job	14-2780
Address	713 Bedford Avenue	Address	1309 38th Street
City, State, Zip	Brooklyn, NY 11206	City, State, Zip	11218 Brooklyn

Truck		Date and Time	
Hauler Name	URIEL #23	Gross	6/6/2014 7:06:32 AM
Plate No.	AR990F	Tare	6/6/2014 7:37:53 AM

Material	GROSS	TARE	NET (lbs)	NET (tons)	Unit Price (tons)	Net Price
Transportation and Delivery of Clean Fill	85,100	28,760	56,340	28.17	0.01	788.76
<b>TOTAL</b>						<b>788.76</b>

Remarks:

TOTAL NET PRICE:	788.76
TOTAL TAX:	0.00
TOTAL w/ TAX:	788.76

  
 Driver Signature

  
 Weighmaster Signature

# Daily Revenue Report

05/28/2014 12:00 AM - 05/28/2014 11:59 PM

Job # 14-2780 Customer Name M & Y Developers Inc Project Name 1309 38th St

Invoice #	Date	Bill To No	Product	Quantity	Rate	Net	Tax	Total	
21899	05/28/2014 10:44 AM	AP797X	Transportation and Delivery of	79,460	28,320	51,140	25.57	\$715.96000	
Subtotal (Transportation and Delivery of Clean Fill)				1	79,460	28,320	51,140	25.57	\$715.96000
Subtotal (Job 14-2780)				1	79,460	28,320	51,140	25.57	\$715.96000
Total				1	79,460	28,320	51,140	25.57	\$715.96000

S/T  
 \$12.08  
 -----  
 \$728.04

P PARK NJ LLC  
 150 PLANTEN  
 PROSPECT PARK, NJ 07  
 967500  
 27460012695001  
 05/29/14 7:48 AM  
 MASTERCARD  
 \*\*\*\*\*4339  
 MANUAL  
 SALE BATCH: 000166  
 BATCH INU: 000002  
 AUTH: 04048J  
 RRN: 0160002  
 TOTAL \$728.04

ALL SALES ARE FINAL  
 CUSTOMER COPY



# Weight Ticket

Ticket No. 21899  
Issued On 05.28.2014 10:44 AM

## PPark

100 Planten Ave.  
Prospect Park, NJ 07508  
973-947-4488 (Phone)  
973-542-2218 (Fax)

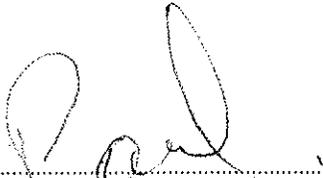
Customer		Project	
Ref. No.	86	Name	1309 38th St
Name	M & Y Developers Inc.	Job	14-2780
Address	713 Bedford Avenue	Address	1309 38th Street
City, State, ZIP	Brooklyn, NY 11206	City, State, Zip	11218 Brooklyn

Truck		Date and Time	
Hauler Name	Uriel LLC Trucking #3	Gross	5/28/2014 10:24:57 AM
Plate No.	AP797X	Tare	5/28/2014 10:44:15 AM

Material	GROSS	TARE	NET (lbs)	NET (tons)	Unit Price (tons)	Net Price
Transportation and Delivery of Clean Fill	79,460	28,320	51,140	25.57	0.01	715.96
<b>TOTAL</b>						<b>715.96</b>

Remarks:

TOTAL NET PRICE:	715.96
TOTAL TAX:	0.00
TOTAL w/ TAX:	715.96



Driver Signature



Weighmaster Signature

# Daily Revenue Report

05/27/2014 12:00 AM - 05/27/2014 11:59 PM

Job # 14-2780 Customer Name M & Y Developers Inc Project Name 1309 38th St

Order #	Date	Proj No	Product	Qty	Unit Price	Amount	Tax	Total	
21861	05/27/2014 03:13 PM	AL878A	Transportation and Delivery of	87,800	30,340	57,460	28.73	\$804.44000	
21865	05/27/2014 03:23 PM	AL477A	Transportation and Delivery of	85,040	27,880	57,160	28.58	\$800.24000	
21867	05/27/2014 03:28 PM	AK556R	Transportation and Delivery of	84,000	28,980	55,020	27.51	\$770.28000	
21868	05/27/2014 03:31 PM	AP797X	Transportation and Delivery of	85,740	28,420	57,320	28.66	\$802.48000	
21873	05/27/2014 04:26 PM	AK131X	Transportation and Delivery of	84,720	28,880	55,840	27.92	\$781.76000	
<b>Subtotal (Transportation and Delivery of Clean Fill)</b>				<b>5</b>	<b>427,300</b>	<b>144,600</b>	<b>282,800</b>	<b>141.40</b>	<b>\$3,959.20000</b>
<b>Subtotal (Job 14-2780)</b>				<b>5</b>	<b>427,300</b>	<b>144,600</b>	<b>282,800</b>	<b>141.40</b>	<b>\$3,959.20000</b>
<b>Total</b>				<b>5</b>	<b>427,300</b>	<b>144,600</b>	<b>282,800</b>	<b>141.40</b>	<b>\$3,959.20000</b>

P PARK NJ LLC  
150 PLANTEN  
PROSPECT PARK- NJ 07

TERMINAL I.D. # : 867680  
MERCHANT # : 27460012695801

05/28/14 2:52 PM

MASTERCARD  
\*\*\*\*\*4339  
MANUAL

SALE BATCH: 000165  
INV: 000004

AUTH: 05265J  
RRR: 01650004

TOTAL \$66.81

ALL SALES ARE FINAL

CUSTOMER COPY

P PARK NJ LLC  
150 PLANTEN  
PROSPECT PARK- NJ 07

TERMINAL I.D. # : 867680  
MERCHANT # : 27460012695801

05/28/14 2:06 PM

MASTERCARD  
\*\*\*\*\*4339  
MANUAL

SALE BATCH: 000165  
INV: 000002

AUTH: 07335J  
RRR: 01650002

TOTAL \$3959.20

ALL SALES ARE FINAL

CUSTOMER COPY



# PPark

100 Planten Ave.  
Prospect Park, NJ 07508  
973-947-4488 (Phone)  
973-542-2218 (Fax)

## Weight Ticket

Ticket No. 21861  
Issued On 05.27.2014 03:13 PM

Customer		Project	
Ref. No.	86	Name	1309 38th St
Name	M & Y Developers Inc.	Job	14-2780
Address	713 Bedford Avenue	Address	1309 38th Street
City, State, ZIP	Brooklyn, NY 11206	City, State, Zip	11218 Brooklyn

Truck		Date and Time	
Hauler Name	Zapata #61	Gross	5/27/2014 2:55:23 PM
Plate No.	AL878A	Tare	5/27/2014 3:13:12 PM

Material	GROSS	TARE	NET (lbs)	NET (tons)	Unit Price (tons)	Net Price
Transportation and Delivery of Clean Fill	87,800	30,340	57,460	28.73	0.01	804.44
<b>TOTAL</b>						<b>804.44</b>

Remarks:

TOTAL NET PRICE:	804.44
TOTAL TAX:	0.00
TOTAL w/ TAX:	804.44

Driver Signature

Weighmaster Signature



**PPark**

100 Planten Ave.  
 Prospect Park, NJ 07508  
 973-947-4488 (Phone)  
 973-542-2218 (Fax)

**Weight Ticket**

Ticket No. 21865  
 Issued On 05.27.2014 03:23 PM

Customer		Project	
Ref. No.	86	Name	1309 38th St
Name	M & Y Developers Inc.	Job	14-2780
Address	713 Bedford Avonuc	Address	1309 38th Street
City, State, ZIP	Brooklyn, NY 11206	City, State, Zip	11218 Brooklyn

Truck		Date and Time	
Hauler Name	Zapata	Gross	5/27/2014 3:10:35 PM
Plate No.	AL477A	Tare	5/27/2014 3:23:55 PM

Material	GROSS	TARE	NET (lbs)	NET (tons)	Unit Price (tons)	Net Price
Transportation and Delivery of Clean Fill	85,040	27,880	57,160	28.58	0.01	800.24
<b>TOTAL</b>						<b>800.24</b>

Remarks:

TOTAL NET PRICE:	800.24
TOTAL TAX:	0.00
TOTAL w/ TAX:	800.24

Driver Signature

Weighmaster Signature



**PPark**

100 Planten Ave.  
 Prospect Park, NJ 07508  
 973-947-4488 (Phone)  
 973-542-2218 (Fax)

**Weight Ticket**

Ticket No. 21867  
 Issued On 05.27.2014 03:28 PM

Customer		Project	
Ref. No.	86	Name	1309 38th St
Name	M & Y Developers Inc.	Job	14-2780
Address	713 Bedford Avenue	Address	1309 38th Street
City, State, Zip	Brooklyn, NY 11206	City, State, Zip	11218 Brooklyn

Truck		Date and Time	
Hauler Name	Uriel LLC Trucking #777	Gross	5/27/2014 3:14:59 PM
Plate No.	AK556R	Tare	5/27/2014 3:28:47 PM

Material	GROSS	TARE	NET (lbs)	NET (tons)	Unit Price (tons)	Net Price
Transportation and Delivery of Clean Fill	84,000	28,980	55,020	27.51	0.01	770.28
<b>TOTAL</b>						<b>770.28</b>

Remarks:

<b>TOTAL NET PRICE:</b>	770.28
<b>TOTAL TAX:</b>	0.00
<b>TOTAL w/ TAX:</b>	770.28

Driver Signature

Weighmaster Signature



**PPark**

100 Planten Ave.  
 Prospect Park, NJ 07508  
 973-947-4488 (Phone)  
 973-542-2218 (Fax)

**Weight Ticket**  
 Ticket No. 21868  
 Issued On 05.27.2014 03:31 PM

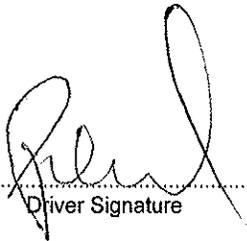
Customer		Project	
Ref. No.	86	Name	1309 38th St
Name	M & Y Developers Inc.	Job	14-2780
Address	713 Bedford Avenue	Address	1309 38th Street
City, State, ZIP	Brooklyn, NY 11206	City, State, Zip	11218 Brooklyn

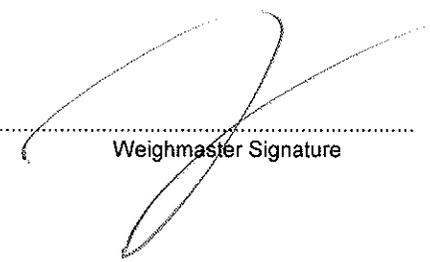
Truck		Date and Time	
Hauler Name	Uriel LLC Trucking #3	Gross	5/27/2014 3:16:29 PM
Plate No.	AP797X	Tare	5/27/2014 3:31:15 PM

Material	GROSS	TARE	NET (lbs)	NET (tons)	Unit Price (tons)	Net Price
Transportation and Delivery of Clean Fill	85,740	28,420	57,320	28.66	0.01	802.48
<b>TOTAL</b>						<b>802.48</b>

Remarks:

<b>TOTAL NET PRICE:</b>	802.48
<b>TOTAL TAX:</b>	0.00
<b>TOTAL w/ TAX:</b>	802.48

  
 Driver Signature

  
 Weighmaster Signature



# PPark

100 Planten Ave.  
Prospect Park, NJ 07508  
973-947-4488 (Phone)  
973-542-2218 (Fax)

## Weight Ticket

Ticket No. 21873  
Issued On 05.27.2014 04:26 PM

Customer		Project	
Ref. No.	86	Name	1309 38th St
Name	M & Y Developers Inc.	Job	14-2780
Address	713 Bedford Avenue	Address	1309 38th Street
City, State, ZIP	Brooklyn, NY 11206	City, State, Zip	11218 Brooklyn

Truck		Date and Time	
Hauler Name	URIEL LLC #7	Gross	5/27/2014 4:13:54 PM
Plate No.	AK131X	Tare	5/27/2014 4:26:21 PM

Material	GROSS	TARE	NET (lbs)	NET (tons)	Unit Price (tons)	Net Price
Transportation and Delivery of Clean Fill	84,720	28,880	55,840	27.92	0.01	781.76
<b>TOTAL</b>						<b>781.76</b>

Remarks:

TOTAL NET PRICE: €	781.76
TOTAL TAX:	0.00
TOTAL w/ TAX:	781.76

Driver Signature

Weighmaster Signature



Fwd: Re: Waiting Time

---

**Fwd: Re: Waiting Time**

1 message

---

**Ashley Williams** <awilliams@pparknj.com>  
To: Lori Ripp <lripp@pparknj.com>

Wed, May 21, 2014 at 2:33 PM

**Ashley Williams**  
**Sales Project Coordinator**  
**P Park NJ LLC**  
100 Planten Ave.  
Prospect Park, NJ 07508  
p 855.727.5321  
d 973.512.4203  
f 973.542.2218  
awilliams@pparknj.com  
www.pparknj.com

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----- Forwarded message -----

From: **Dominic Catello** <dcatello@pparknj.com>  
Date: Wed, May 21, 2014 at 2:25 PM  
Subject: Fwd: Re: Waiting Time  
To: Ashley Williams <awilliams@pparknj.com>

Attached is Sam Grubers acceptance for the extra charge

----- Forwarded message -----

From: "Sam Gruber" <sam@mydevelopersinc.com>  
Date: May 21, 2014 2:23 PM  
Subject: Re: Waiting Time  
To: "Dominic Catello" <dcatello@pparknj.com>  
Cc:

It's ok go for it

Sent from my iPhone

On May 21, 2014, at 2:21 PM, Dominic Catello <dcatello@pparknj.com> wrote:

Please confirm your acceptance for the extra charge for waiting time.

Thank you

----- Forwarded message -----



**PPark**

100 Planten Ave.  
 Prospect Park, NJ 07508  
 973-947-4488 (Phone)  
 973-542-2218 (Fax)

**Weight Ticket**

Ticket No. 21559  
 Issued On 05.20.2014 02:33 PM

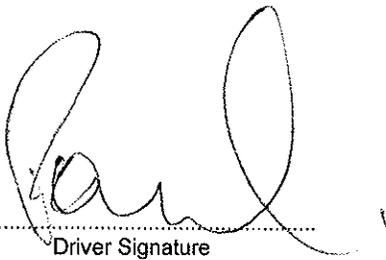
Customer		Project	
Ref. No.	86	Name	1309 38th St
Name	M & Y Developers Inc.	Job	14-2780
Address	713 Bedford Avenue	Address	1309 38th Street
City, State, ZIP	Brooklyn, NY 11206	City, State, Zip	11218 Brooklyn

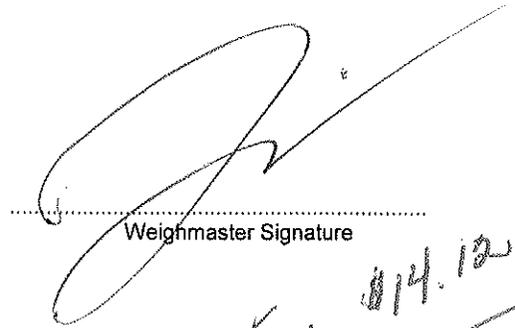
Truck		Date and Time	
Hauler Name	Uriel LLC Trucking #3	Gross	5/20/2014 2:33:14 PM
Plate No.	AP797X	Tare	5/20/2014 2:33:15 PM

Material	GROSS	TARE	NET (lbs)	NET (tons)	Unit Price (tons)	Net Price
Transportation and Delivery of Clean Fill	87,780	28,020	59,760	29.88	0.01	836.64
<b>TOTAL</b>						<b>836.64</b>

Remarks: weight okay by driver

TOTAL NET PRICE:	836.64
TOTAL TAX:	0.00
TOTAL w/ TAX:	836.64

  
 Driver Signature

  
 Weighmaster Signature  
 Sales Tax. \$14.12  
 \$850.76



# PPark

100 Planten Ave.  
Prospect Park, NJ 07508  
973-947-4488 (Phone)  
973-542-2218 (Fax)

## Weight Ticket

Ticket No. 21560  
Issued On 05.20.2014 02:41 PM

Customer		Project	
Ref. No.	86	Name	1309 38th St
Name	M & Y Developers Inc.	Job	14-2780
Address	713 Bedford Avenue	Address	1309 38th Street
City, State, ZIP	Brooklyn, NY 11206	City, State, Zip	11218 Brooklyn

Truck		Date and Time	
Hauler Name	URIEL LLC #7	Gross	5/20/2014 2:18:18 PM
Plate No.	AK131X	Tare	5/20/2014 2:41:54 PM

Material	GROSS	TARE	NET (lbs)	NET (tons)	Unit Price (tons)	Net Price
Transportation and Delivery of Clean Fill	82,520	28,700	53,820	26.91	0.01	753.48
<b>TOTAL</b>						<b>753.48</b>

Remarks:

TOTAL NET PRICE:	753.48
TOTAL TAX:	0.00
TOTAL w/ TAX:	753.48

*Lorenzo Sotelo*  
Driver Signature

*[Signature]*  
Weighmaster Signature  
*Sales Tax \$12.71*  
*\$766.19*



Fwd: Re: Waiting Time

---

**Fwd: Re: Waiting Time**

1 message

---

**Ashley Williams** <awilliams@pparknj.com>  
To: Lori Ripp <lripp@pparknj.com>

Wed, May 21, 2014 at 2:33 PM

**Ashley Williams**  
**Sales Project Coordinator**  
**P Park NJ LLC**  
100 Planten Ave.  
Prospect Park, NJ 07508  
p 855.727.5321  
d 973.512.4203  
f 973.542.2218  
awilliams@pparknj.com  
www.pparknj.com

This message contains information which may be confidential and privileged. Unless you are the intended recipient you may not use, copy, disseminate or disclose to anyone the message or any information contained in the message. If you have received the message in error, please advise the sender by reply e-mail and delete the message.

----- Forwarded message -----

From: **Dominic Catello** <dcatello@pparknj.com>  
Date: Wed, May 21, 2014 at 2:25 PM  
Subject: Fwd: Re: Waiting Time  
To: Ashley Williams <awilliams@pparknj.com>

Attached is Sam Grubers acceptance for the extra charge

----- Forwarded message -----

From: "Sam Gruber" <sam@mydevelopersinc.com>  
Date: May 21, 2014 2:23 PM  
Subject: Re: Waiting Time  
To: "Dominic Catello" <dcatello@pparknj.com>  
Cc:

It's ok go for it

Sent from my iPhone

On May 21, 2014, at 2:21 PM, Dominic Catello <dcatello@pparknj.com> wrote:

Please confirm your acceptance for the extra charge for waiting time.

Thank you

----- Forwarded message -----



**PPark**

100 Planten Ave.  
 Prospect Park, NJ 07508  
 973-947-4488 (Phone)  
 973-542-2218 (Fax)

**Weight Ticket**

Ticket No. 21559  
 Issued On 05.20.2014 02:33 PM

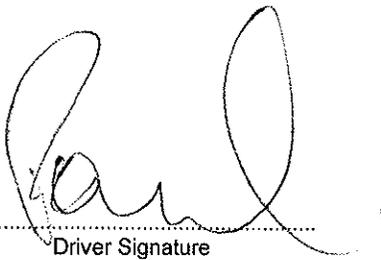
Customer		Project	
Ref. No.	86	Name	1309 38th St
Name	M & Y Developers Inc.	Job	14-2780
Address	713 Bedford Avenue	Address	1309 38th Street
City, State, ZIP	Brooklyn, NY 11206	City, State, Zip	11218 Brooklyn

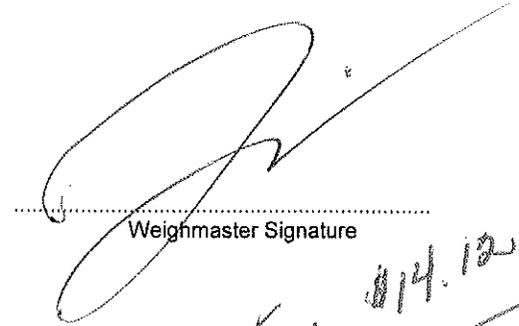
Truck		Date and Time	
Hauler Name	Uriel LLC Trucking #3	Gross	5/20/2014 2:33:14 PM
Plate No.	AP797X	Tare	5/20/2014 2:33:15 PM

Material	GROSS	TARE	NET (lbs)	NET (tons)	Unit Price (tons)	Net Price
Transportation and Delivery of Clean Fill	87,780	28,020	59,760	29.88	0.01	836.64
<b>TOTAL</b>						<b>836.64</b>

Remarks: weight okay by driver

TOTAL NET PRICE:	836.64
TOTAL TAX:	0.00
TOTAL w/ TAX:	836.64

  
 Driver Signature

  
 Weighmaster Signature  
 Sales Tax. \$14.12  
 \$ 850.76



**PPark**

100 Planten Ave.  
 Prospect Park, NJ 07508  
 973-947-4488 (Phone)  
 973-542-2218 (Fax)

**Weight Ticket**

Ticket No. 21560  
 Issued On 05.20.2014 02:41 PM

Customer		Project	
Ref. No.	86	Name	1309 38th St
Name	M & Y Developers Inc.	Job	14-2780
Address	713 Bedford Avenue	Address	1309 38th Street
City, State, ZIP	Brooklyn, NY 11206	City, State, Zip	11218 Brooklyn

Truck		Date and Time	
Hauler Name	URIEL LLC #7	Gross	5/20/2014 2:18:18 PM
Plate No.	AK131X	Tare	5/20/2014 2:41:54 PM

Material	GROSS	TARE	NET (lbs)	NET (tons)	Unit Price (tons)	Net Price
Transportation and Delivery of Clean Fill	82,520	28,700	53,820	26.91	0.01	753.48
<b>TOTAL</b>						<b>753.48</b>

Remarks:

TOTAL NET PRICE:	753.48
TOTAL TAX:	0.00
TOTAL w/ TAX:	753.48

*Levante Seltzer*  
 Driver Signature

*[Signature]*  
 Weighmaster Signature

*Sales Tax \$12.71*  
*\$766.19*

Appendix 13: Vapor barrier installation affidavit, purchase receipts of vapor barrier and SDS materials and SDS manufacturer specifications

---

**1309-1321 38TH STREET BROOKLYN, NEW YORK**

**Remedial Action Report**

**APRIL 2015**

# Cool N Heat Inc.

50 Wallabout Street, Suite #133

Brooklyn, NY 11249

Tel. 718-246-8100

Fax. 718-246-8112

# Invoice

Date	Invoice #
12/16/2014	2809

<b>Bill To</b>
M Y Developers C/O 1309-1321 38th street

<b>Ship To</b>
1309-1321 38th street

P.O. Number	Terms	Rep	Ship
	Will Follow		12/16/2014

Quantity	Description	Price Each	Amount
	Provide and install SSD equipment 501-Radion fan	1,100.00	1,100.00
	Provide and install Radon Alarm	320.00	320.00
	Provide and install Vacuum Gauge	380.00	380.00
	The alarm and vacuum guage will be located in a visible and audible place and the fan will be mounted 4 feet above roof of building		
		<b>Total</b>	\$1,800.00
		<b>Payments/Credits</b>	\$0.00
		<b>Balance Due</b>	\$1,800.00



# T. MINA SUPPLY, INC.

30-59 COLLEGE POINT BLVD.  
FLUSHING, NY 11354  
PHONE 718-397-5200

168 LONG ISLAND AVENUE  
HOLTSVILLE, NY 11742  
PHONE 631-475-7400

\*\* I N V O I C E \*\*  
Invoice #: S1247458.002  
Invoiced : 07/30/13  
Rel #:  
P/O #: M&Y DEVELOPMENT  
Terms: CASH ON DELIVERY  
Page : 1

Bill To:  
CASH SALES (COD) BR1  
(OPEN)  
FLUSHING, NY 11354

Ship To:  
CASH SALES (COD) BR1  
M&Y DEVELOPMENT  
1309 38TH ST BORO PARK  
BROOKLYN, NY 11218

Order Date	Ship Date	Wrtr->	SUSAN PEREZ	Ship Via	Ordered By
07/29/13	07/30/13	Slsm->	HOUSE SALES ACCOUN	PK PICK-UP	S.GRUBER

Ord Qty	Ship Qty	Product Description	Unit Price	Net
5ea	5ea	4" ADS TUBING (PERF) W/SOCK 100' HD	0.75ft	375.00
1ea	1ea	4" ADS ST 90 BEND	11.74ea	11.74
1ea	1ea	4" X 4" ADS ST TEE	14.08ea	14.08

Net Amount	400.82
Freight	0.00
Sales Tax	35.57
Total	436.39

EFFECTIVE IMMEDIATELY ALL PAYMENTS SHOULD BE MAILED TO 44-41 DOUGLASTON PKWY, DOUGLASTON NY 11363.

A FINANCE CHARGE AT THE RATE OF 1 1/2% PER MONTH (18% ANNUM) WILL BE CHARGED ON INVOICES UNPAID AFTER 30 DAYS FROM DATE OF INVOICE. DELINQUENT ACCOUNTS WILL HAVE ATTORNEY'S FEES ADDED THERETO IF PLACED FOR COLLECTION.

\*\* Reprint \*\* Reprint \*\* Reprint \*\* Reprint \*\*

The seller shall not be liable for any incidental, special or consequential damage which results in any way from the use of this product. All warranties are limited to the manufacturers warranties. Seller is not offering any express or implied warranties and seller specifically excludes any warranties of merchantability and fitness for particular purpose. MINIMUM 20% HANDLING CHARGE ON RETURNED MERCHANDISE. ANY MATERIAL FURNISHED REMAINS THE PROPERTY OF "T. MINA SUPPLY" UNTIL FULLY PAID FOR.



# T. MINA SUPPLY, INC.

30-59 COLLEGE POINT BLVD.  
FLUSHING, NY 11354  
PHONE 718-397-5200

168 LONG ISLAND AVENUE  
HOLTSVILLE, NY 11742  
PHONE 631-475-7400

**\*\* I N V O I C E \*\***  
Invoice #: S1247505.002  
Invoiced : 07/30/13  
Rel # :  
P/O #: M&Y  
Terms: CASH ON DELIVERY  
Page : 1

Bill To:  
CASH SALES (COD) BR1  
(OPEN)  
FLUSHING, NY 11354

Ship To:  
CASH SALES (COD) BR1  
M&Y DEVELOPMENT  
1309 38TH ST BORO PARK  
BROOKLYN, NY 11200

Order Date	Ship Date	Wrtr->	THOMAS "TJ" OLSEN	Ship Via	Ordered By
07/30/13	07/30/13	Slsm->	HOUSE SALES ACCOUN	PK PICK-UP	

Ord Qty	Ship Qty	Product Description	Unit Price	Net
2ea	2ea	4" ADS SNAP COUPLING	2.03ea	4.06

Net Amount	4.06
Freight	0.00
Sales Tax	0.36
Total	4.42

EFFECTIVE IMMEDIATELY ALL PAYMENTS SHOULD BE MAILED TO 44-41 DOUGLASTON PKWY, DOUGLASTON NY 11363.

A FINANCE CHARGE AT THE RATE OF 1 1/2% PER MONTH (18% ANNUM) WILL BE CHARGED ON INVOICES UNPAID AFTER 30 DAYS FROM DATE OF INVOICE. DELINQUENT ACCOUNTS WILL HAVE ATTORNEY'S FEES ADDED THERETO IF PLACED FOR COLLECTION.

**\*\* Reprint \*\* Reprint \*\* Reprint \*\* Reprint \*\***

The seller shall not be liable for any incidental, special or consequential damage which results in any way from the use of this product. All warranties are limited to the manufacturers warranties. Seller is not offering any express or implied warranties and seller specifically excludes any warranties of merchantability and fitness for particular purpose. MINIMUM 20% HANDLING CHARGE ON RETURNED MERCHANDISE. ANY MATERIAL FURNISHED REMAINS THE PROPERTY OF "T. MINA SUPPLY" UNTIL FULLY PAID FOR.



The World's Leading  
Radon Fan Manufacturer



## GP/XP/XR Series Installation & Operating Instructions

*Please Read And Save These Instructions*

**DO NOT CONNECT POWER SUPPLY UNTIL FAN IS COMPLETELY INSTALLED. MAKE SURE ELECTRICAL SERVICE TO FAN IS LOCKED IN "OFF" POSITION. DISCONNECT POWER BEFORE SERVICING FAN.**

- 1. WARNING!** For General Ventilating Use Only. Do Not Use to Exhaust Hazardous, Corrosive or Explosive Materials, Gases or Vapors. See Vapor Intrusion Application Note #AN001 for important information on VI applications.  
[RadonAway.com/vapor-intrusion](http://RadonAway.com/vapor-intrusion)
- 2. NOTE:** Fan is suitable for use with solid state speed controls however use of speed controls is not generally recommended.
- 3. WARNING!** Check voltage at the fan to insure it corresponds with nameplate.
- 4. WARNING!** Normal operation of this device may affect the combustion airflow needed for safe operation of fuel burning equipment. Check for possible backdraft conditions on all combustion devices after installation.
- 5. NOTICE!** There are no user serviceable parts located inside the fan unit.  
**Do NOT attempt to open.** Return unit to the factory for service.
- 6. WARNING!** Do not leave fan unit installed on system piping without electrical power for more than 48 hours. Fan failure could result from this non-operational storage.
- 7. WARNING - TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS, OBSERVE THE FOLLOWING:**
  - a)** Use this unit only in the manner intended by the manufacturer. If you have questions, contact the manufacturer.
  - b)** Before servicing or cleaning unit, switch power off at service panel and lock the service disconnecting means to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, securely fasten a prominent warning device, such as a tag, to the service panel.
  - c)** Installation work and electrical wiring must be done by qualified person(s) in accordance with all applicable codes and standards, including fire rated construction.
  - d)** Sufficient air is needed for proper combustion and exhausting of gases through the flue (chimney) of fuel burning equipment to prevent back drafting. Follow the heating equipment manufacturers guideline and safety standards such as those published by the National Fire Protection Association, and the American Society for Heating, Refrigeration and Air Conditioning Engineers (ASHRAE), and the local code authorities.
  - e)** When cutting or drilling into a wall or ceiling, do not damage electrical wiring and other hidden utilities.
  - f)** Ducted fans must always be vented to outdoors.
  - g)** If this unit is to be installed over a tub or shower, it must be marked as appropriate for the application and be connected to a GFCI (Ground Fault Circuit Interrupter) - protected branch circuit.

**RadonAway**

3 Saber Way | Ward Hill, MA 01835

[www.radonaway.com](http://www.radonaway.com)



**XP/XR Series**

XP151 p/n 23010-1  
XP201 p/n 23011-1  
XR261 p/n 23019-1

**GP Series**

GP201 p/n 23007-1  
GP301 p/n 23006-1  
GP401 p/n 23009-1  
GP501 p/n 23005-1

## **1.0 SYSTEM DESIGN CONSIDERATIONS**

### **1.1 INTRODUCTION**

The GP/XP/XR Series Radon Fans are intended for use by trained, professional certified/licensed" after professional Radon mitigators. The purpose of this instruction is to provide additional guidance for the most effective use of a fan. This instruction should be considered as a supplement to EPA / radon industry standard practices, state and local building codes and state regulations. In the event of a conflict, those codes, practices and regulations take precedence over this instruction.

### **1.2 ENVIRONMENTALS**

The GP/XP/XR Series Fans are designed to perform year-round in all but the harshest climates without additional concern for temperature or weather. For installations in an area of severe cold weather, please contact RadonAway for assistance. When not in operation, the fan should be stored in an area where the temperature is never less than 32° F. or more than 100° F.

### **1.3 ACOUSTICS**

The GP/XP/XR Series Fan, when installed properly, operates with little or no noticeable noise to the building occupants. The velocity of the outgoing air should be considered in the overall system design. In some cases the "rushing" sound of the outlet air may be disturbing. In these instances, the use of a RadonAway Exhaust Muffler is recommended.

### **1.4 GROUND WATER**

In the event that a temporary high water table results in water at or above slab level, water may be drawn into the riser pipes thus blocking air flow to the GP/XP/XR Series Fan. The lack of cooling air may result in the fan cycling on and off as the internal temperature rises above the thermal cutoff and falls upon shutoff. Should this condition arise, it is recommended that the fan be turned off until the water recedes allowing for return to normal operation.

### **1.5 SLAB COVERAGE**

The GP/XP/XR Series Fan can provide coverage up to 2000+ sq. ft. per slab penetration. This will primarily depend on the sub-slab material in any particular installation. In general, the tighter the material, the smaller the area covered per penetration. Appropriate selection of the GP/XP/XR Series Fan best suited for the sub-slab material can improve the slab coverage. The GP & XP Series have a wide range of models to choose from to cover a wide range of subslab material. The higher static suction fans are generally used for tighter subslab materials. The XR Series is specifically designed for high flow applications such as stone/gravel and drain tile. Additional suction points can be added as required. It is recommended that a small pit (5 to 10 gallons in size) be created below the slab at each suction hole.

## 1.6 CONDENSATION & DRAINAGE

Condensation is formed in the piping of a mitigation system when the air in the piping is chilled below its dew point. This can occur at points where the system piping goes through unheated space such as an attic, garage or outside. The system design must provide a means for water to drain back to a slab hole to remove the condensation. The GP/XP/XR Series Fan **MUST** be mounted vertically plumb and level, with the outlet pointing up for proper drainage through the fan. Avoid mounting the fan in any orientation that will allow water to accumulate inside the fan housing. The GP/XP/XR Series Fans are **NOT** suitable for underground burial.

For GP/XP/XR Series Fan piping, the following table provides the minimum recommended pipe diameter and pitch under several system conditions.

Pipe Dia.	Minimum Rise per Foot of Run*		
	@25 CFM	@50 CFM	@100 CFM
4"	1/8"	1/4"	3/8"
3"	1/4"	3/8"	1 1/2"



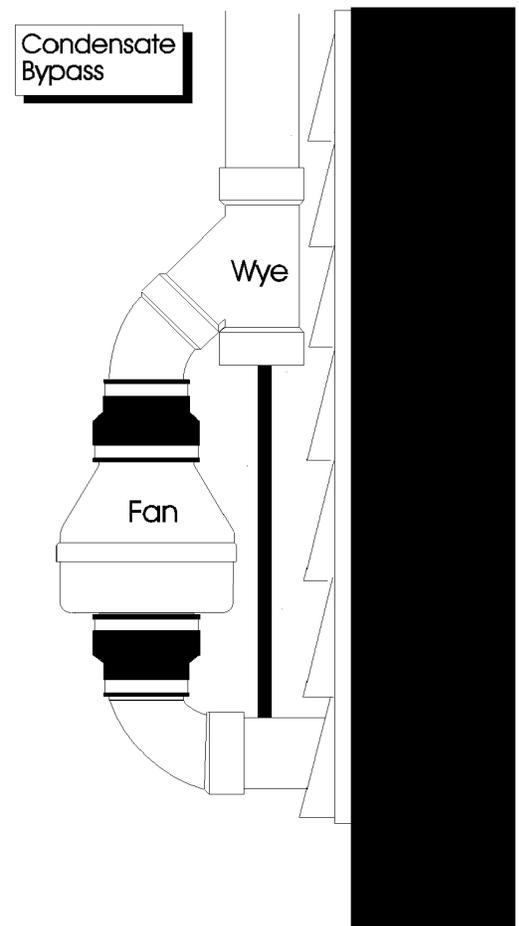
\*Typical GP/XP/XR Series Fan operational flow rate is 25 - 90 CFM.  
(For more precision, determine flow rate by using the chart in the addendum.)

Under some circumstances in an outdoor installation a condensate bypass should be installed in the outlet ducting as shown. This may be particularly true in cold climate installations which require long lengths of outlet ducting or where the outlet ducting is likely to produce large amounts of condensation because of high soil moisture or outlet duct material. Schedule 20 piping and other thin-walled plastic ducting and Aluminum downspout will normally produce much more condensation than Schedule 40 piping.

The bypass is constructed with a 45 degree Wye fitting at the bottom of the outlet stack. The bottom of the Wye is capped and fitted with a tube that connects to the inlet piping or other drain. The condensation produced in the outlet stack is collected in the Wye fitting and drained through the bypass tube. The bypass tubing may be insulated to prevent freezing.

## 1.7 SYSTEM MONITOR & LABEL

A System Monitor, such as a manometer (P/N 50017) or audible alarm (P/N 28001-2) is required to notify the occupants of a fan system malfunction. A System Label (provided with manometer P/N 50017) with instructions for contacting the installing contractor for service and also identifying the necessity for regular radon tests to be conducted by the building occupants, must be conspicuously placed where the occupants frequent and can see the label.



## 1.8 ELECTRICAL WIRING

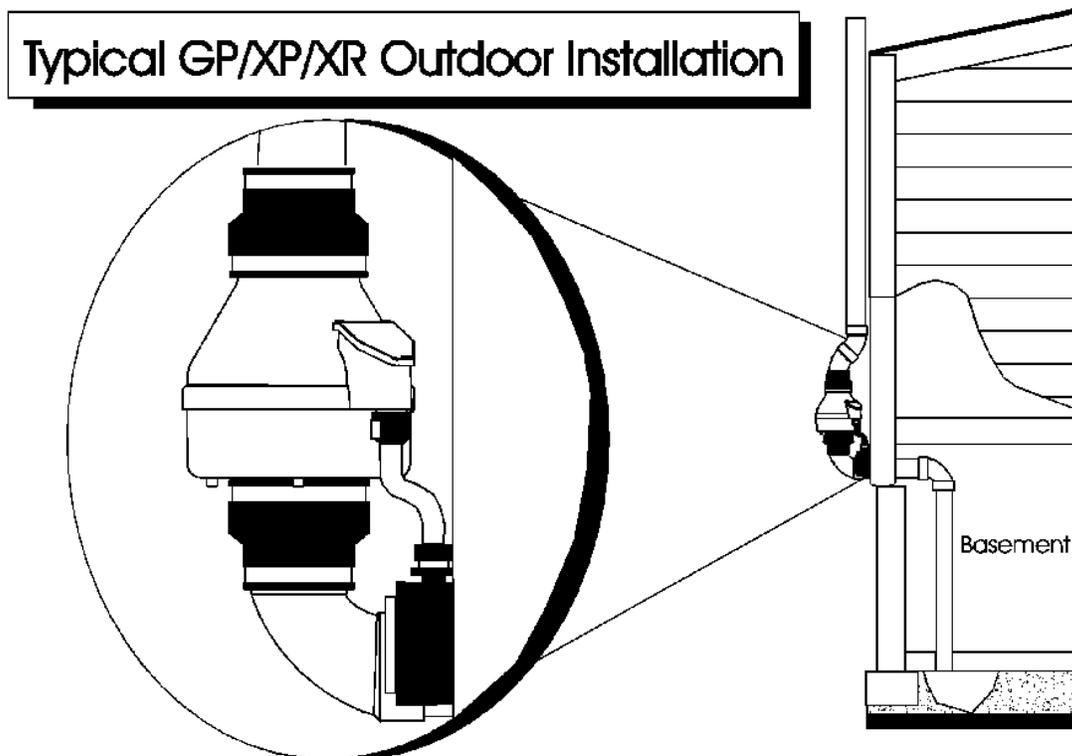
The GP/XP/XR Series Fans operate on standard 120V 60 Hz. AC. All wiring must be performed in accordance with the National Fire Protection Association's (NFPA) "National Electrical Code, Standard #70"-current edition for all commercial and industrial work, and state and local building codes. All wiring must be performed by a qualified and licensed electrician. Outdoor installations require the use of a U.L. listed watertight conduit. Ensure that all exterior electrical boxes are outdoor rated and properly sealed to prevent water penetration into the box. A means, such as a weep hole, is recommended to drain the box.

## 1.9 SPEED CONTROLS

The GP/XP/XR Series Fans are rated for use with electronic speed controls however, they are generally not recommended. If used, the speed control recommended is Pass & Seymour Solid State Speed Control Cat. No. 94601-I.

## 2.0 INSTALLATION

The GP/XP/XR Series Fan can be mounted indoors or outdoors. (It is suggested that EPA recommendations be followed in choosing the fan location.) The GP/XP/XR Series Fan may be mounted directly on the system piping or fastened to a supporting structure by means of optional mounting bracket.



## 2.1 MOUNTING

Mount the GP/XP/XR Series Fan vertically with outlet up. Insure the unit is plumb and level. When mounting directly on the system piping assure that the fan does not contact any building surface to avoid vibration noise.

## 2.2 MOUNTING BRACKET (optional)

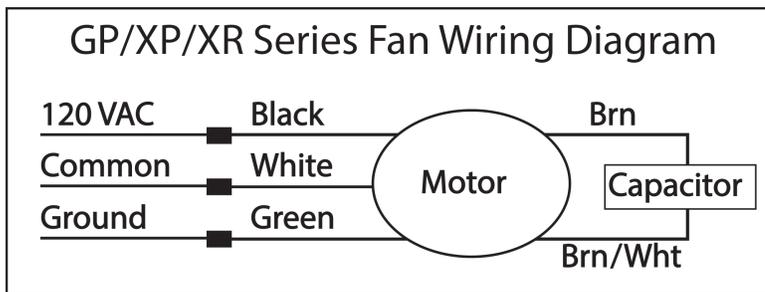
The GP/XP/XR Series Fan may be optionally secured with the integral mounting bracket on the GP Series Fan or with RadonAway P/N 25007 mounting bracket for an XP/XR Series Fan. Foam or rubber grommets may also be used between the bracket and mounting surface for vibration isolation.

## 2.3 SYSTEM PIPING

Complete piping run, using flexible couplings as means of disconnect for servicing the unit and vibration isolation.

## 2.4 ELECTRICAL CONNECTION

Connect wiring with wire nuts provided, observing proper connections (See Section 1.8):



## 2.5 VENT MUFLER (optional)

Install the muffler assembly in the selected location in the outlet ducting. Solvent weld all connections. The muffler is normally installed at the end of the vent pipe.

## 2.6 OPERATION CHECKS & ANNUAL SYSTEM MAINTENANCE

\_\_\_\_ **Verify** all connections are tight and **leak-free**.

\_\_\_\_ **Insure** the GP/XP/XR Series Fan and all ducting is secure and vibration-free.

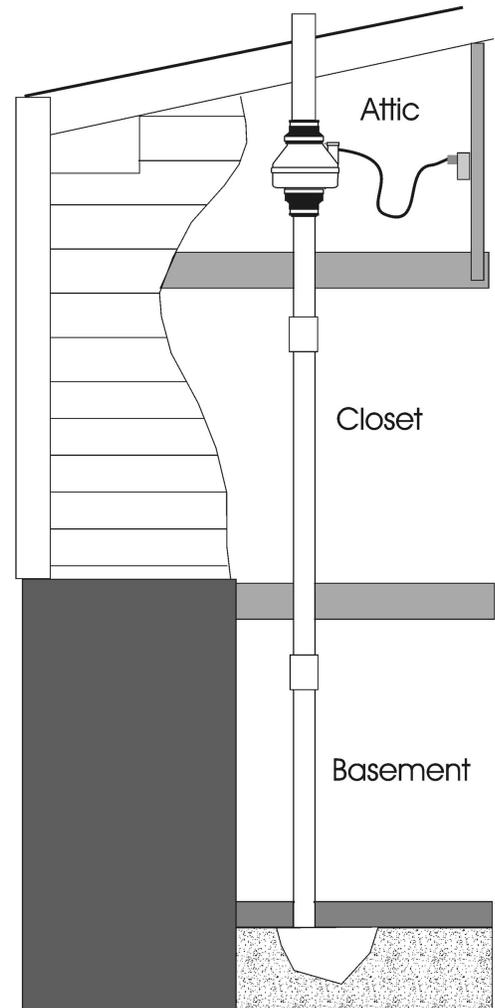
\_\_\_\_ **Verify** system vacuum pressure with manometer. **Insure** vacuum pressure is within normal operating range and **less than** the maximum recommended operating pressure.

*(Based on sea-level operation, at higher altitudes reduce by about 4% per 1000 Feet.)*

*(Further reduce Maximum Operating Pressure by 10% for High Temperature environments)*

*See Product Specifications. If this is exceeded, increase the number of suction points.*

\_\_\_\_ **Verify Radon levels by testing to EPA protocol.**



# XP/XR SERIES PRODUCT SPECIFICATIONS

The following chart shows fan performance for the XP & XR Series Fan:

	Typical CFM Vs Static Suction "WC								
	0"	.25"	.5"	.75"	1.0"	1.25"	1.5"	1.75"	2.0"
XP151	180	162	140	117	78	46	10	-	-
XP201	150	130	110	93	74	57	38	20	-
XR261	250	215	185	150	115	80	50	20	-

Maximum Recommended Operating Pressure*		
XP151	1.3" W.C.	(Sea Level Operation)**
XP201	1.7" W.C.	(Sea Level Operation)**
XR261	1.6" W.C.	(Sea Level Operation)**

\*Reduce by 10% for High Temperature Operation

\*\*Reduce by 4% per 1000 feet of altitude

Power Consumption @ 120 VAC	
XP151	45 - 60 watts
XP201	45 - 66 watts
XR261	65 - 105 watts

**XP Series Inlet/Outlet:** 4.5" OD (4.0" PVC Sched 40 size compatible)

**XR Series Inlet/Outlet:** 5.875" OD

**Mounting:** Mount on the duct pipe or with optional mounting bracket.

**Recommended ducting:** 3" or 4" Schedule 20/40 PVC Pipe

**Storage temperature range:** 32 - 100 degrees F.

**Normal operating temperature range:** -20 - 120 degrees F.

**Maximum inlet air temperature:** 80 degrees F.

**Size:** 9.5H" x 8.5" Dia.

**Weight:** 6 lbs. (XR261 - 7 lbs)

**Continuous Duty**

**Thermally Protected**

**Class B Insulation**

**3000 RPM**

**Residential Use Only**

**Rated for Indoor or Outdoor Use**

LISTED  
Electric Fan



Conforms to  
UL STD. 507

Certified to  
CAN/CSA STD.  
C22.2 No.113

# GP SERIES PRODUCT SPECIFICATIONS

The following chart shows fan performance for the GP Series Fan:

	Typical CFM Vs Static Suction "WC						
	1.0"	1.5"	2.0"	2.5"	3.0"	3.5"	4.0"
GP501	95	87	80	70	57	30	5
GP401	93	82	60	38	12	-	-
GP301	92	77	45	10	-	-	-
GP201	82	58	5	-	-	-	-

Maximum Recommended Operating Pressure*		
GP501	3.8" W.C.	(Sea Level Operation)**
GP401	3.0" W.C.	(Sea Level Operation)**
GP301	2.4" W.C.	(Sea Level Operation)**
GP201	1.8" W.C.	(Sea Level Operation)**

\*Reduce by 10% for High Temperature Operation

\*\*Reduce by 4% per 1000 feet of altitude

Power Consumption @ 120 VAC	
GP501	70 - 140 watts
GP401	60 - 110 watts
GP301	55 - 90 watts
GP201	40 - 60 watts

**Inlet/Outlet:** 3.5" OD (3.0" PVC Sched 40 size compatible)

**Mounting:** Fan may be mounted on the duct pipe or with integral flanges.

**Weight:** 12 lbs.

**Size:** 13H" x 12.5" x 12.5"

**Recommended ducting:** 3" or 4" Schedule 20/40 PVC Pipe

**Storage temperature range:** 32 - 100 degrees F.

**Normal operating temperature range:** -20 - 120 degrees F.

**Maximum inlet air temperature:** 80 degrees F.

**Continuous Duty**

**Class B Insulation**

**3000 RPM**

**Thermally Protected**

**Rated for Indoor or Outdoor Use**

LISTED  
Electric Fan



Conforms to  
UL STD. 507

Certified to  
CAN/CSA STD.  
C22.2 No.113

# IMPORTANT INSTRUCTIONS TO INSTALLER

Inspect the GPx01/XP/XR Series Fan for shipping damage within 15 days of receipt. Notify RadonAway of any damages immediately. Radonaway is not responsible for damages incurred during shipping. However, for your benefit, Radonaway does insure shipments.

There are no user serviceable parts inside the fan. **Do not attempt to open.** Return unit to factory for service.

**Install the GPx01/XP/XR Series Fan in accordance with all EPA standard practices, and state and local building codes and state regulations.**

Provide a copy of this instruction or comparable radon system and testing information to the building occupants after completing system installation.

## WARRANTY

Subject to any applicable consumer protection legislation, RadonAway warrants that the GPX01/XP/XR Series Fan (the "Fan") will be free from defects in materials and workmanship for a period of 90 days from the date of purchase (the "Warranty Term").

RadonAway will replace any Fan which fails due to defects in materials or workmanship. The Fan must be returned (at Owner's cost) to the RadonAway factory. Any Fan returned to the factory will be discarded unless the Owner provides specific instructions along with the Fan when it is returned regardless of whether or not the Fan is actually replaced under this warranty. Proof of purchase must be supplied upon request for service under this Warranty.

This Warranty is contingent on installation of the Fan in accordance with the instructions provided. This Warranty does not apply where any repairs or alterations have been made or attempted by others, or if the unit has been abused or misused. Warranty does not cover damage in shipment unless the damage is due to the negligence of RadonAway.

### 5 YEAR EXTENDED WARRANTY WITH PROFESSIONAL INSTALLATION.

RadonAway will extend the Warranty Term of the fan to 5 years from date of manufacture if the Fan is installed in a professionally designed and professionally installed radon system or installed as a replacement fan in a professionally designed and professionally installed radon system. Proof of purchase and/or proof of professional installation may be required for service under this warranty. Outside the Continental United States and Canada the extended Warranty Term is limited to one (1) year from the date of manufacture.

RadonAway is not responsible for installation, removal or delivery costs associated with this Warranty.

**EXCEPT AS STATED ABOVE, THE GPx01/XP/XR SERIES FANS ARE PROVIDED WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.**

**IN NO EVENT SHALL RADONAWAY BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES ARISING OUT OF, OR RELATING TO, THE FAN OR THE PERFORMANCE THEREOF. RADONAWAY'S AGGREGATE LIABILITY HEREUNDER SHALL NOT IN ANY EVENT EXCEED THE AMOUNT OF THE PURCHASE PRICE OF SAID PRODUCT. THE SOLE AND EXCLUSIVE REMEDY UNDER THIS WARRANTY SHALL BE THE REPAIR OR REPLACEMENT OF THE PRODUCT, TO THE EXTENT THE SAME DOES NOT MEET WITH RADONAWAY'S WARRANTY AS PROVIDED ABOVE.**

For service under this Warranty, contact RadonAway for a Return Material Authorization (RMA) number and shipping information. No returns can be accepted without an RMA. If factory return is required, the customer assumes all shipping cost to and from factory.

RadonAway  
3 Saber Way  
Ward Hill, MA 01835  
TEL. (978) 521-3703  
FAX (978) 521-3964

**Record the following information for your records:**

Serial No. \_\_\_\_\_  
Purchase Date \_\_\_\_\_

# Order Acknowledgment

Telephone: 281-443-8564 Fax: 281-230-5891

**Sold to:**

M & Y Developers, Inc.  
 2 Skillman Street  
 Brooklyn, NY 11205

Telephone: 845-596-5353  
 Fax:

**Ship to:**

M & Y Developers, Inc.  
 Customer Pick Up  
 Houston, TX 77073

Telephone:  
 Fax:

Payment terms: **Pending**  
 Shipping terms: **Ex works**

Delivery instructions:

Line no.	Order Date	Requested on Site	Description	Item Number	Unit	Quantity	Unit Price	Amount
1	07/11/2013	07/23/2013	Cut Liner, HDPE 30mil Smooth 11' x 140'	FAB300LN	EA	8	343.5000	2,748.00
2	07/11/2013	07/23/2013	DENSO BUTYL 35 BLACK REPAIR TAPE	006084	RL	30	35.0000	1,050.00

Comments:

**Sub total: 3,798.00**  
**Tax rate: 7.25 % SALES TAX: 275.36**

**Order Acceptance Conditions:** **Total USD: 4,073.36**

**Price Escalation and Delivery:** GSE accepts Customer's Purchase Order, subject to Customer's acceptance of the pricing stated herein for products delivered within 30 days of the order acknowledgement date. If Customer fails to accept delivery on or before the agreed delivery date, GSE reserves the right to cancel the order or adjust the purchase price for products. The freight cost listed above is an estimate. Freight will be charged based on actual cost at time of shipment.

**Material Warranty:** All products are sold with GSE's Standard Limited Material Warranty. GSE will pass through the original manufacturer's warranty for all products not manufactured by GSE.

**Material Specifications:** Unless otherwise agreed in writing by a GSE authorized representative, GSE's standard property values, quality control testing procedures, and documentation apply to the product supplied.

**Shipping Policy:** GSE Standard Inventory can be shipped in three (3) to five (5) working days after a GSE Order Acknowledgement is issued to Customer. All geocomposites, geonets and geotextiles will be delivered in covered vans and stacked horizontally. Delivery on flatbed trailers will incur a 25% freight surcharge.

**Substitution of Products:** GSE reserves the right to substitute material manufactured at any of its U.S. plants. If GSE elects to substitute comparable material, it will make reasonable efforts to notify Customer in advance of shipment.

**Product Quantity Revisions:** Any change in products, specifications, or quantities by Customer will require a revised quotation and Order Acknowledgement. If Customer elects to purchase only a portion of the products acknowledged, GSE shall have the right to adjust its pricing to reflect the impact of such election.

**Roll Sizes:** All roll sizes are approximate. Invoicing will be based on actual roll lengths shipped.

**Taxes:** Taxes are calculated separately at the prevailing jurisdiction's rates currently in effect. Properly signed exemption or direct pay permits must be presented to GSE and accepted by the Tax Authority in order to exempt your order from applicable taxes.

**Terms and Conditions:** GSE General Terms and Conditions of Sale including the Supplemental Force Majeure and Fuel Surcharge Clauses, attached hereto, shall apply to all transactions. Acceptance of your purchase order is expressly made conditional on your acceptance of GSE General Terms and Conditions of Sale, Force Majeure and Fuel Surcharge Clauses.

**EEOC:** GSE Lining Technology, LLC is an Equal Employment Opportunity Employer.

Comments:

## GSE® General Terms and Conditions of Sale

1. **NOTICE:** The offer, order acknowledgment, order acceptance, or sale of any products is conditioned upon the terms contained herein. Any additional or different terms proposed by the Purchaser are objected to and rejected and will not be binding upon GSE Lining Technology, LLC, unless specifically assented to in writing by GSE in the Order Acknowledgment or an Addendum to these terms and conditions.
2. **TAXES:** The prices quoted are without sales tax. Purchaser must provide GSE with a sales tax exemption certificate in order to avoid payment of sales tax imposed by law. Purchaser agrees it will reimburse GSE for the amount of all governmental taxes, excise and/or other charges (except taxes on or measured by net income) that GSE may be required to pay with respect to (a) the sale of any material delivered hereunder, and (b) the production or transportation of any material delivered hereunder.
3. **SHIPMENTS:** Purchaser shall order Products from GSE a reasonable time in advance of each shipment hereunder (if more than one shipment). Such order shall identify the Products ordered and shall include the quantity of Products, shipping instructions, and the desired delivery date. Any time stated for delivery by GSE is an estimate only and shall not form part of the contract. Any failure by GSE to deliver the Product by such time shall not be a breach or repudiation by GSE, and GSE shall not be liable to Purchaser for any loss or damage suffered by the Purchaser as a result of such failure. Title and Risk of Loss shall pass to Purchaser at the point of loading if Purchaser is purchasing the Products FOB Factory or Ex-works, If GSE is providing the carrier then title shall pass to Purchaser at the job site and Risk of Loss shall pass under the INCOTERMS specified in the GSE Order Acknowledgment. Where delivery of Product is delayed for any reason outside of the reasonable control of GSE or under the control of Purchaser, GSE reserves the right to amend the prices for the Product to those current at the date when delivery is made. If after giving release for shipment, Purchaser fails to take delivery at the job site, Purchaser shall be liable to GSE for any carrier imposed standby freight charges.
4. **PAYMENT:** Terms of payment shall be net thirty (30) days after the date of GSE's shipment, subject to change by written notice to Purchaser (except where otherwise provided on attached schedules). Any payment not received when due shall bear interest at the rate of 1 1/2% per month, eighteen percent per annum from the original due date, or the highest rate allowed by law, on the unpaid balance until paid in full. Any sale to Purchaser of GSE's Products is subject to GSE's approval of the credit worthiness of Purchaser. GSE reserves the right to require Purchaser to post a confirmed and irrevocable letter-of-credit in GSE's favor for the full amount of the purchase price.
5. **LIMITED MATERIAL WARRANTY:** GSE warrants to Purchaser that the Products delivered meet the written specifications stated in the GSE Order Acknowledgment and to be free from material manufacturing defects at the time of sale for a period of 90 days from date of shipment. Should any defects occur within the warranty period, GSE will replace the Products at no cost to the Purchaser. GSE shall not be liable to Purchaser for any indirect, special, consequential, or incidental damages resulting from a breach of this warranty. GSE's liability under this warranty shall in no event exceed the replacement cost of the Products sold to Purchaser. **THIS LIMITED MANUFACTURER'S WARRANTY IS IN LIEU OF AND EXCLUDES ALL OTHER WARRANTIES, WHETHER EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. BY ACCEPTING DELIVERY OF THE PRODUCTS, PURCHASER WAIVES ALL OTHER POSSIBLE WARRANTIES.**

The resale of Products by Purchaser to third parties shall be made subject to the terms and conditions stated in the GSE Limited Material Warranties for each Product. It shall be the responsibility of the Purchaser to incorporate the terms and conditions of the GSE Limited Material Warranty into all contracts of sale or offers of sale of Products to third parties. The effective date of the Limited Material Warranty will be the date the Products are shipped from any GSE facility. Purchaser shall indemnify and hold harmless GSE from any claims, demands, judgments, damages, or causes of action asserted against GSE by a third-party purchaser for breach of any express or implied warranty of fitness for a particular purpose or merchantability that would have been excluded except for the failure of Purchaser to incorporate the GSE Limited Material Warranty terms and conditions into Purchaser's contract with said third-party.
6. **CONTINGENCIES:** Neither Purchaser or GSE shall be liable for its failure to perform hereunder if performance is made impracticable due to any occurrence beyond its reasonable control, including acts of God, fires, floods, wars, sabotage, accidents, labor disputes, inability to obtain economic materials, governmental laws, ordinances, rules, regulations, standards or decrees, inability to obtain raw material, equipment or transportation, and any other similar or different occurrence.
7. **NON-WAIVER:** Failure of Purchaser or GSE to exercise any right hereunder upon one or more occasions shall not waive the right to exercise the same on another occasion.
8. **INSPECTION AND CONDITION OF THE PRODUCT:** The Purchaser shall carefully examine the Products on receipt of same. If Purchaser receives goods that it considers damaged, nonconforming, not within specifications, or otherwise unacceptable, Purchaser must so notify GSE in writing no later than two (2) business days from the date Purchaser learns of the nonconformity, but in no event no later than 90 days after the date of sale. Failure of such notice before GSE has the opportunity to respond, shall be deemed acceptance of goods as received. Goods may be returned only upon GSE's written consent after rejection by Purchaser in accordance herewith. GSE's liability to Purchaser shall in no event exceed the difference between the purchase price and the value as delivered.
9. **LIMITATION OF DAMAGE:** In no event shall GSE be liable to Purchaser for any special, indirect, consequential or incidental damages arising from this transaction. GSE's total liability is limited to amounts actually paid by Purchaser hereunder with respect to direct damages arising from Purchaser's lawful rejection of goods from GSE's breach of any applicable warranty, or at the option of GSE, replacement of the nonconforming Product with a conforming Product.
10. **RETURNS:** Goods may, under exceptional circumstances, be returned only upon GSE's written consent. A restocking charge of 20% plus any freight costs incurred by GSE will be applied to offset any credits allowed for materials returned in acceptable re-salable condition. All products must be returned with manufacturer's roll numbers or Product numbers.
11. **ARBITRATION:** Any dispute, controversy, or claim arising in the connection with this Agreement shall be settled by binding arbitration as the sole remedy of the parties hereto, conducted in accordance with the American Arbitration Association Arbitration Rules for Commercial Disputes as in effect on the date of the Order Acknowledgment. The proceedings shall be conducted before a single arbitrator selected by the American Arbitration Association, and shall be concluded and an award rendered within ninety (90) days following selection. No award shall be made for punitive, incidental, special, exemplary, or consequential damages, including loss of profits or loss of business opportunity. The parties agree that any arbitration commenced under this provision shall take place in the State of Texas. The decision of the Arbitrator pursuant hereto shall be final and binding upon the parties.
12. **MISCELLANEOUS:** The validity, interpretation and performance of this Agreement shall be governed by the laws of the State of Texas. These terms and conditions hereof constitute the entire agreement between the parties hereto with respect to the subject matter hereof and supersede all previous communications, either oral or written, between the parties hereto. There are no understandings or representations of any kind whatsoever, except as expressly set forth herein. This Agreement shall be binding upon and enure to the benefit of the respective successor and assigns of each of the parties hereto, but, any assignment or delegation thereof by either party without the prior written consent of the other party shall be void, except where such assignment or delegation is in connection with the sale of the business of GSE to which this Agreement relates. No modification or waiver of the terms and conditions hereof shall be binding on Purchaser or GSE unless approved in writing by an authorized representative, nor shall the terms and conditions hereof be affected by the acknowledgment or acceptance of purchase order forms containing additional or different terms or conditions, whether or not signed by an authorized representative of Purchaser or GSE. Neither course of performance nor course of dealing nor usage of trade shall be used to interpret, construe, qualify, modify, explain, or supplement any of the terms hereof.
13. **Force Majeure:** (a) Definition: As used in this quotation, a Force Majeure Events means any act or event, whether foreseen or unforeseen, that meets one or more of the following tests: (1) The act or event prevents GSE in whole or in part, from performing its obligations to manufacture Products ordered by Purchaser, or satisfying any conditions on shipping Products to the Purchaser; (2) The act or event is beyond the reasonable control of and not the fault of GSE; (3) GSE has been unable to avoid or overcome the act or event by the exercise of due diligence by GSE. (b) Acts or Events Included in the Definition of Force Majeure Events: In the furtherance of avoidance of doubt, the definition of Force Majeure Events and not in limitation of the definition, each of the following acts and events is deemed to meet the requirements of the above section and to be a Force Majeure Event: hurricane, flood, fire, explosion, civil disturbance, act of God, military action, economic hardship, action of court or public authority, shortage of fuel for transportation by carriers, increase in fuel surcharges by carriers increase by more than five cents per gallon from the date of the quotation, shortage of raw materials, including resin, master batch, bentonite, carbon black, and zinc oxide, on an industry wide, region wide, or nation wide basis. The list of Force Majeure Events is not exhaustive, and the principle of ejusdem generis is not to be applied in determining whether a particular act or event qualifies as a Force Majeure Event under this section. (c) Suspension of Performance: Subject to the provisions of this section, GSE is excused from (1) whatever performance is prevented by the Force Majeure Event to the extent so prevented, and (2) satisfying whatever conditions precedent to Purchaser's obligations that cannot be satisfied to the extent they cannot be satisfied. (d) Written Report: (1) Upon the occurrence of a Force Majeure Event, not later than two working days after becoming aware of the occurrence of the event, GSE will furnish the Purchaser with a written report describing the particulars of the occurrence, including an estimate of its expected duration and probable impact on the performance of GSE's obligation to either manufacture or ship the Products ordered by Purchaser, and (2) during the continuation of the Force Majeure Event, GSE will timely furnish regular written reports updating the information required under this subsection. (e) Other Obligations: During the continuation of the Force Majeure Event, GSE will (1) exercise commercially reasonable due diligence to overcome the Force Majeure Event; (2) exercise commercially reasonable efforts to mitigate or limit the damage to Purchaser; (3) to the extent it is able, continue to perform its obligations under this conditions of the purchasing documents; (4) cause the suspension of performance to be on no greater scope and no longer in duration than the Force Majeure Event requires. (f) Termination: If the suspension of performance continues for a period of one week as a result of a Force Majeure Event, either party is entitled to terminate the agreement by giving a notice to the other party in writing. (g) Exclusive Remedy: The relief offered by this Force Majeure Event clause is the exclusive remedy available to GSE and the Purchaser, and they waive the protection of the Texas Business and Commerce Code and the common law defenses of impossibility and impracticability with respect to the Force Majeure Event and any event or act that might be deemed a force majeure event under the common law.
14. **Fuel Surcharge:** If the quoted price for GSE Products includes the freight charges from the GSE manufacturing facility to the Purchaser's facility or job site, the cost of freight has been determined as of the date of the quotation. Purchaser acknowledges and agrees that if GSE receives notification of a fuel surcharge or more than one fuel surcharge from its carriers after the date of the quotation and prior to delivery, then that fuel surcharge will be passed on to Purchaser for Purchaser's account. If GSE's selected carriers refuse to deliver any Products to Purchaser due to a Force Majeure Event, then Purchaser has the option of either arranging for shipment at its expense receiving a credit from GSE for the freight charges in the quotation, or terminating the transaction under this provisions of the Force Majeure Event clause.

GSE LINING TECH INC  
19103 GUNDLE RD  
HOUSTON, TX 77073

07/11/2013 16:37:40  
Merchant ID: 00000001690230  
Terminal ID: 03180760  
907200678999

CREDIT CARD

MC SALE

CARD # XXXXXXXXXXXX7124  
INVOICE 0007  
Batch #: 000378  
Approval Code: 02232Z  
Entry Method: Manual  
Mode: Online  
Avs Code: NNN  
Card Code: M

SALE AMOUNT \$4073.36

I agree to pay above total amount  
according to card issuer agreement.  
(Merchant agreement if Credit Voucher)

X.....

MERCHANT COPY

**KENSEAL CONSTRUCTION PROD CORP**

**PAST INVOICE**



2132 BORDEN AVE  
 LIC, NY 11101  
 Phone: (718) 937-5490  
 Fax: (718) 392-1283  
 Email: kny@kenseal.com  
 Website: www.kenseal.com

Number	827262
Date	08/20/2013
Page	1

Bill To: CODN01	CODN01	Ship To: TEMP	M & Y DEVELOPERS INC. 1309 38TH ST SAM: 718-431-4099 BROOKLYN NY 11218-3611
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Project Name	Shipped	Terms	Tax Code	Doc #	Wh	Freight	Salesperson	Ship Via
M&Y DEVELOPERS	08/20/13	AMEX KNY	NY	DB9ZVV	01	PRE/ADD	110 KNY INSIDE	House Truck

Item	Description	Ordered	Shipped	Backordrd	UM	Price	UM	Extension
CUST PO# WRPP160R	1309 38TH STREET PREPRUF 160R LAGGING 460SFT/RL WR GRACE W.R. GRACE 330111	6	6	0	RL	1468.64	RL	8811.84
WRPPTAPE	PREPRUF TAPE "LT" 4 RLS/CS 4" X 49' ROLL, 252/PLT 620116 600333 620226 590333	2.00	2.00	.00	CS	634.60	CS	1269.20
HT01	DELIVERY CHARGE KNY  SHIP WED 08/21 BTW 13TH & 14TH AVE	1	1	0	EA	62.00	EA	62.00

**TOTAL DUE: 11043.23**  
**PAYMENTS:**  
**AMEX KNY 11043.23**

PAST INVOICE

Merchandise	Misc	Discount	Tax	Freight	Total Due
10081.04	62.00	.00	900.19	.00	.00

**\*\* NO MERCHANDISE RETURNS \*\***  
**\*\* NINGUNAS MERCANCIAS VUELVEN \*\***  
 Order Taken By: MAN

# Cross Concrete Inc.

9 Foxhill PL, Selden NY 11784

P: 631-774-3848 6743 Email: fw.crossconcreteinc@gmail.com

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December 3, 2014

Mr. Moshe Lebowitz,  
Fast Development, LLC  
26 Heyward St.  
Brooklyn, NY 11249

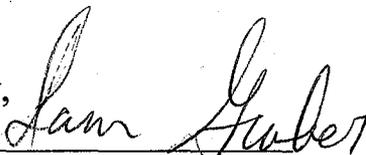
RE: Vapor Barrier & SSDS at 1309-1321 38<sup>th</sup> St. Brooklyn NY  
11219

Dear Moshe :

We have installed the approved Vapor Barrier and SSDS as per plan and as per the environmental engineer s directive and approval on site.

Thank you.

Truly,

  
\_\_\_\_\_  
Sam Gruber

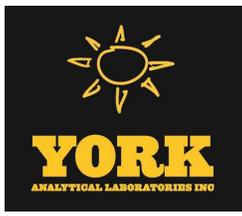
Appendix 14: End-point sample analytical laboratory data

**1309-1321 38TH STREET BROOKLYN, NEW YORK**

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**Remedial Action Report**

**APRIL 2015**



# Technical Report

prepared for:

**Hydro Tech Environmental (Brooklyn)**

15 Ocean Avenue

Brooklyn NY, 11225

**Attention: Ezgi Karayel**

Report Date: 08/21/2013

**Client Project ID: #130171-1309 38th Street, Brooklyn**

York Project (SDG) No.: 13H0597

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 08/21/2013  
Client Project ID: #130171-1309 38th Street, Brooklyn  
York Project (SDG) No.: 13H0597

**Hydro Tech Environmental (Brooklyn)**

15 Ocean Avenue  
Brooklyn NY, 11225  
Attention: Ezgi Karayel

---

**Purpose and Results**

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 15, 2013 and listed below. The project was identified as your project: **#130171-1309 38th Street, Brooklyn.**

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
13H0597-01	EP-1	Soil	08/14/2013	08/15/2013
13H0597-02	EP-2	Soil	08/14/2013	08/15/2013
13H0597-03	EP-3	Soil	08/14/2013	08/15/2013
13H0597-04	EP-4	Soil	08/14/2013	08/15/2013
13H0597-05	EP-5	Soil	08/14/2013	08/15/2013

## **General Notes for York Project (SDG) No.: 13H0597**

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

**Approved By:**



**Benjamin Gulizia**  
Laboratory Director

**Date:** 08/21/2013

**YORK**



## Sample Information

**Client Sample ID:** EP-1

**York Sample ID:** 13H0597-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H0597

#130171-1309 38th Street, Brooklyn

Soil

August 14, 2013 3:00 pm

08/15/2013

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.3	6.7	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 14:36	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.3	6.7	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 14:36	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.3	6.7	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 14:36	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.3	6.7	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 14:36	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.3	6.7	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 14:36	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.3	6.7	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 14:36	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.3	6.7	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 14:36	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	3.3	6.7	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 14:36	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.3	6.7	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 14:36	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.3	6.7	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 14:36	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.3	6.7	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 14:36	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.3	6.7	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 14:36	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.3	6.7	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 14:36	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.3	6.7	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 14:36	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.3	6.7	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 14:36	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.3	6.7	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 14:36	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.3	6.7	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 14:36	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.3	6.7	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 14:36	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.3	6.7	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 14:36	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	3.3	6.7	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 14:36	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.3	6.7	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 14:36	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	67	130	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 14:36	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	3.3	6.7	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 14:36	BK
78-93-3	2-Butanone	ND		ug/kg dry	3.3	6.7	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 14:36	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	3.3	6.7	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 14:36	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	3.3	6.7	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 14:36	BK
67-64-1	Acetone	ND		ug/kg dry	3.3	13	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 14:36	BK
71-43-2	Benzene	ND		ug/kg dry	3.3	6.7	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 14:36	BK
108-86-1	Bromobenzene	ND		ug/kg dry	3.3	6.7	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 14:36	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	3.3	6.7	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 14:36	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.3	6.7	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 14:36	BK
75-25-2	Bromoform	ND		ug/kg dry	3.3	6.7	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 14:36	BK



## Sample Information

**Client Sample ID:** EP-1

**York Sample ID:** 13H0597-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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13H0597

#130171-1309 38th Street, Brooklyn

Soil

August 14, 2013 3:00 pm

08/15/2013

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/kg dry	3.3	6.7	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 14:36	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.3	6.7	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 14:36	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	3.3	6.7	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 14:36	BK
75-00-3	Chloroethane	ND		ug/kg dry	3.3	6.7	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 14:36	BK
67-66-3	Chloroform	ND		ug/kg dry	3.3	6.7	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 14:36	BK
74-87-3	Chloromethane	ND		ug/kg dry	3.3	6.7	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 14:36	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.3	6.7	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 14:36	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.3	6.7	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 14:36	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.3	6.7	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 14:36	BK
74-95-3	Dibromomethane	ND		ug/kg dry	3.3	6.7	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 14:36	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.3	6.7	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 14:36	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.3	6.7	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 14:36	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.3	6.7	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 14:36	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.3	6.7	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 14:36	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.3	6.7	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 14:36	BK
75-09-2	Methylene chloride	ND		ug/kg dry	3.3	13	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 14:36	BK
91-20-3	Naphthalene	ND		ug/kg dry	3.3	13	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 14:36	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.3	6.7	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 14:36	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.3	6.7	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 14:36	BK
95-47-6	o-Xylene	ND		ug/kg dry	3.3	6.7	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 14:36	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 14:36	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.3	6.7	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 14:36	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.3	6.7	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 14:36	BK
100-42-5	Styrene	ND		ug/kg dry	3.3	6.7	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 14:36	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.3	6.7	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 14:36	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.3	6.7	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 14:36	BK
108-88-3	Toluene	ND		ug/kg dry	3.3	6.7	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 14:36	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.3	6.7	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 14:36	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.3	6.7	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 14:36	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	3.3	6.7	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 14:36	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.3	6.7	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 14:36	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.3	6.7	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 14:36	BK



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13H0597

#130171-1309 38th Street, Brooklyn

Soil

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08/15/2013

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		ug/kg dry	10	20	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 14:36	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	3.3	6.7	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 14:36	BK
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	115 %		73-130							
460-00-4	Surrogate: p-Bromofluorobenzene	106 %		72-127							
2037-26-5	Surrogate: Toluene-d8	98.9 %		84-117							

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	45.1	179	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 14:46	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	45.1	179	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 14:46	SR
62-53-3	Aniline	ND		ug/kg dry	45.1	179	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 14:46	SR
120-12-7	Anthracene	ND		ug/kg dry	45.1	179	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 14:46	SR
56-55-3	Benzo(a)anthracene	<b>52.7</b>	J	ug/kg dry	45.1	179	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 14:46	SR
50-32-8	Benzo(a)pyrene	<b>73.5</b>	J	ug/kg dry	45.1	179	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 14:46	SR
205-99-2	Benzo(b)fluoranthene	<b>69.9</b>	J	ug/kg dry	45.1	179	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 14:46	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	90.3	179	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 14:46	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	90.3	179	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 14:46	SR
207-08-9	Benzo(k)fluoranthene	<b>56.3</b>	J	ug/kg dry	45.1	179	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 14:46	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	45.1	179	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 14:46	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	45.1	179	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 14:46	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	90.3	179	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 14:46	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	90.3	179	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 14:46	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	45.1	179	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 14:46	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	45.1	179	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 14:46	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	45.1	179	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 14:46	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	45.1	179	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 14:46	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	45.1	179	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 14:46	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	45.1	179	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 14:46	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	45.1	179	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 14:46	SR
218-01-9	Chrysene	<b>67.0</b>	J	ug/kg dry	45.1	179	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 14:46	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	45.1	179	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 14:46	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	45.1	179	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 14:46	SR



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13H0597

#130171-1309 38th Street, Brooklyn

Soil

August 14, 2013 3:00 pm

08/15/2013

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	45.1	179	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 14:46	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	45.1	179	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 14:46	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	45.1	179	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 14:46	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	45.1	179	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 14:46	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	180	358	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 14:46	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	90.3	179	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 14:46	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	45.1	179	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 14:46	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	45.1	179	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 14:46	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	45.1	179	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 14:46	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	90.3	179	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 14:46	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	45.1	179	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 14:46	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	180	358	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 14:46	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	45.1	179	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 14:46	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	90.3	179	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 14:46	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	45.1	179	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 14:46	SR
206-44-0	Fluoranthene	100	J	ug/kg dry	45.1	179	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 14:46	SR
86-73-7	Fluorene	ND		ug/kg dry	45.1	179	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 14:46	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	45.1	179	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 14:46	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	45.1	179	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 14:46	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	90.3	179	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 14:46	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	45.1	179	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 14:46	SR
193-39-5	Indeno(1,2,3-cd)pyrene	45.5	J	ug/kg dry	45.1	179	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 14:46	SR
78-59-1	Isophorone	ND		ug/kg dry	45.1	179	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 14:46	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	45.1	179	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 14:46	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	90.3	179	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 14:46	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	90.3	179	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 14:46	SR
91-20-3	Naphthalene	ND		ug/kg dry	45.1	179	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 14:46	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	90.3	179	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 14:46	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	90.3	179	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 14:46	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	45.1	179	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 14:46	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	90.3	179	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 14:46	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	45.1	179	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 14:46	SR



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13H0597

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08/15/2013

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	45.1	179	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 14:46	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	90.3	179	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 14:46	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	45.1	179	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 14:46	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	90.3	179	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 14:46	SR
85-01-8	Phenanthrene	55.9	J	ug/kg dry	45.1	179	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 14:46	SR
108-95-2	Phenol	ND		ug/kg dry	45.1	179	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 14:46	SR
129-00-0	Pyrene	113	J	ug/kg dry	45.1	179	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 14:46	SR
110-86-1	Pyridine	ND		ug/kg dry	45.1	179	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 14:46	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	45.1	179	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 14:46	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	45.1	179	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 14:46	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	45.1	179	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 14:46	SR
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
5175-83-7	Surrogate: 2,4,6-Tribromophenol	89.4 %	10-142								
321-60-8	Surrogate: 2-Fluorobiphenyl	63.5 %	10-111								
367-12-4	Surrogate: 2-Fluorophenol	66.4 %	10-109								
4165-60-0	Surrogate: Nitrobenzene-d5	68.5 %	10-148								
4165-62-2	Surrogate: Phenol-d5	70.9 %	10-124								
1718-51-0	Surrogate: Terphenyl-d14	84.2 %	10-147								

**Pesticides/PCBs, EPA 8081/8082 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	89.8	89.8	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/19/2013 20:22	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.87	8.87	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/19/2013 20:22	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.77	1.77	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/19/2013 20:22	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.77	1.77	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/19/2013 20:22	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.77	1.77	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/19/2013 20:22	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.77	1.77	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/19/2013 20:22	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.77	1.77	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/19/2013 20:22	JW
72-20-8	Endrin	ND		ug/kg dry	1.77	1.77	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/19/2013 20:22	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.77	1.77	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/19/2013 20:22	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.77	1.77	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/19/2013 20:22	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.77	1.77	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/19/2013 20:22	JW
60-57-1	Dieldrin	18.0		ug/kg dry	1.77	1.77	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/19/2013 20:22	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.77	1.77	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/19/2013 20:22	JW



### Sample Information

**Client Sample ID:** EP-1

**York Sample ID:** 13H0597-01

York Project (SDG) No.

Client Project ID

Matrix

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13H0597

#130171-1309 38th Street, Brooklyn

Soil

August 14, 2013 3:00 pm

08/15/2013

**Pesticides/PCBs, EPA 8081/8082 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	Chlordane, total	ND		ug/kg dry	7.09	7.09	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/19/2013 20:22	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.77	1.77	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/19/2013 20:22	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.77	1.77	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/19/2013 20:22	JW
309-00-2	Aldrin	<b>18.5</b>		ug/kg dry	1.77	1.77	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/19/2013 20:22	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.77	1.77	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/19/2013 20:22	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.77	1.77	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/19/2013 20:22	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.77	1.77	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/19/2013 20:22	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	18.3	18.3	1	EPA SW 846-8081/8082	08/16/2013 07:33	08/20/2013 23:16	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	18.3	18.3	1	EPA SW 846-8081/8082	08/16/2013 07:33	08/20/2013 23:16	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	18.3	18.3	1	EPA SW 846-8081/8082	08/16/2013 07:33	08/20/2013 23:16	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	18.3	18.3	1	EPA SW 846-8081/8082	08/16/2013 07:33	08/20/2013 23:16	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	18.3	18.3	1	EPA SW 846-8081/8082	08/16/2013 07:33	08/20/2013 23:16	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	18.3	18.3	1	EPA SW 846-8081/8082	08/16/2013 07:33	08/20/2013 23:16	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	18.3	18.3	1	EPA SW 846-8081/8082	08/16/2013 07:33	08/20/2013 23:16	JW
1336-36-3	Total PCBs	ND		ug/kg dry	7.31	18.3	1	EPA SW 846-8081/8082	08/16/2013 07:33	08/20/2013 23:16	JW
	<b>Surrogate Recoveries</b>	<b>Result</b>			<b>Acceptance Range</b>						
877-09-8	Surrogate: Tetrachloro-m-xylene	56.0 %			30-150						
2051-24-3	Surrogate: Decachlorobiphenyl	48.2 %			30-150						

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	<b>9950</b>		mg/kg dry	1.07	1.07	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:11	AMC
7440-36-0	Antimony	ND		mg/kg dry	0.537	0.537	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:11	AMC
7440-38-2	Arsenic	<b>5.27</b>		mg/kg dry	1.07	1.07	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:11	AMC
7440-39-3	Barium	<b>59.0</b>		mg/kg dry	1.07	1.07	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:11	AMC
7440-41-7	Beryllium	ND		mg/kg dry	0.107	0.107	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:11	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.322	0.322	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:11	AMC
7440-70-2	Calcium	<b>1770</b>		mg/kg dry	0.537	5.37	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:11	AMC
7440-47-3	Chromium	<b>18.4</b>		mg/kg dry	0.537	0.537	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:11	AMC
7440-48-4	Cobalt	<b>10.1</b>		mg/kg dry	0.537	0.537	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:11	AMC
7440-50-8	Copper	<b>26.8</b>		mg/kg dry	0.537	0.537	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:11	AMC
7439-89-6	Iron	<b>17500</b>		mg/kg dry	2.15	2.15	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:11	AMC
7439-92-1	Lead	<b>39.9</b>		mg/kg dry	0.322	0.322	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:11	AMC
7439-95-4	Magnesium	<b>3690</b>		mg/kg dry	5.37	5.37	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:11	AMC



### Sample Information

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13H0597

#130171-1309 38th Street, Brooklyn

Soil

August 14, 2013 3:00 pm

08/15/2013

#### Metals, Target Analyte

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	Manganese	358		mg/kg dry	0.537	0.537	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:11	AMC
7440-02-0	Nickel	34.6		mg/kg dry	0.537	0.537	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:11	AMC
7440-09-7	Potassium	1470		mg/kg dry	5.37	5.37	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:11	AMC
7782-49-2	Selenium	2.16		mg/kg dry	1.07	1.07	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:11	AMC
7440-22-4	Silver	ND		mg/kg dry	0.537	0.537	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:11	AMC
7440-23-5	Sodium	218	B	mg/kg dry	10.7	10.7	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:11	AMC
7440-28-0	Thallium	ND		mg/kg dry	1.07	1.07	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:11	AMC
7440-62-2	Vanadium	28.1		mg/kg dry	1.07	1.07	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:11	AMC
7440-66-6	Zinc	63.2		mg/kg dry	1.07	1.07	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:11	AMC

#### Mercury by 7473

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0633		mg/kg dry	0.000860	0.000860	1	EPA SW846-7473	08/16/2013 09:26	08/16/2013 09:26	AAkba

#### Total Solids

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	93.0		%	0.100	0.100	1	SM 2540G	08/19/2013 08:32	08/19/2013 14:53	BGS

#### Chromium, Hexavalent

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.376	0.537	1	SW846-7196A	08/19/2013 16:39	08/20/2013 16:08	BGS

#### Chromium, Trivalent

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	Chromium, Trivalent	18.4		mg/kg	0.250	0.500	1	CALCULATION	08/21/2013 12:52	08/21/2013 12:53	AD

### Sample Information

Client Sample ID: EP-2

York Sample ID: 13H0597-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H0597

#130171-1309 38th Street, Brooklyn

Soil

August 14, 2013 3:00 pm

08/15/2013

#### Volatile Organics, 8260 List

#### Log-in Notes:

#### Sample Notes:



## Sample Information

**Client Sample ID:** EP-2

**York Sample ID:** 13H0597-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H0597

#130171-1309 38th Street, Brooklyn

Soil

August 14, 2013 3:00 pm

08/15/2013

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.3	6.5	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:16	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.3	6.5	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:16	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.3	6.5	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:16	BK
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.3	6.5	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:16	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.3	6.5	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:16	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.3	6.5	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:16	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.3	6.5	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:16	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	3.3	6.5	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:16	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.3	6.5	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:16	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.3	6.5	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:16	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.3	6.5	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:16	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:16	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.3	6.5	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:16	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.3	6.5	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:16	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.3	6.5	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:16	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.3	6.5	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:16	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.3	6.5	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:16	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:16	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.3	6.5	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:16	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	3.3	6.5	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:16	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.3	6.5	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:16	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	65	130	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:16	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	3.3	6.5	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:16	BK
78-93-3	2-Butanone	ND		ug/kg dry	3.3	6.5	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:16	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	3.3	6.5	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:16	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	3.3	6.5	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:16	BK
67-64-1	Acetone	ND		ug/kg dry	3.3	13	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:16	BK
71-43-2	Benzene	ND		ug/kg dry	3.3	6.5	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:16	BK
108-86-1	Bromobenzene	ND		ug/kg dry	3.3	6.5	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:16	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	3.3	6.5	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:16	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.3	6.5	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:16	BK
75-25-2	Bromoform	ND		ug/kg dry	3.3	6.5	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:16	BK
74-83-9	Bromomethane	ND		ug/kg dry	3.3	6.5	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:16	BK



## Sample Information

**Client Sample ID:** EP-2

**York Sample ID:** 13H0597-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H0597

#130171-1309 38th Street, Brooklyn

Soil

August 14, 2013 3:00 pm

08/15/2013

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.3	6.5	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:16	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	3.3	6.5	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:16	BK
75-00-3	Chloroethane	ND		ug/kg dry	3.3	6.5	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:16	BK
67-66-3	Chloroform	ND		ug/kg dry	3.3	6.5	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:16	BK
74-87-3	Chloromethane	ND		ug/kg dry	3.3	6.5	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:16	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.3	6.5	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:16	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.3	6.5	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:16	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.3	6.5	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:16	BK
74-95-3	Dibromomethane	ND		ug/kg dry	3.3	6.5	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:16	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.3	6.5	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:16	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.3	6.5	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:16	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.3	6.5	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:16	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:16	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.3	6.5	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:16	BK
75-09-2	Methylene chloride	ND		ug/kg dry	3.3	13	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:16	BK
91-20-3	Naphthalene	ND		ug/kg dry	3.3	13	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:16	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:16	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:16	BK
95-47-6	o-Xylene	ND		ug/kg dry	3.3	6.5	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:16	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.5	13	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:16	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.3	6.5	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:16	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:16	BK
100-42-5	Styrene	ND		ug/kg dry	3.3	6.5	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:16	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:16	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.3	6.5	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:16	BK
108-88-3	Toluene	ND		ug/kg dry	3.3	6.5	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:16	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.3	6.5	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:16	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.3	6.5	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:16	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	3.3	6.5	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:16	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.3	6.5	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:16	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.3	6.5	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:16	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.8	20	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:16	BK



## Sample Information

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**York Sample ID:** 13H0597-02

York Project (SDG) No.

Client Project ID

Matrix

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13H0597

#130171-1309 38th Street, Brooklyn

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August 14, 2013 3:00 pm

08/15/2013

### Volatile Organics, 8260 List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-05-4	Vinyl acetate	ND		ug/kg dry	3.3	6.5	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:16	BK
	<b>Surrogate Recoveries</b>	<b>Result</b>									
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	120 %									
460-00-4	Surrogate: p-Bromofluorobenzene	104 %									
2037-26-5	Surrogate: Toluene-d8	101 %									

### Semi-Volatiles, 8270 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	241	956	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:16	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	241	956	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:16	SR
62-53-3	Aniline	ND		ug/kg dry	241	956	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:16	SR
120-12-7	Anthracene	ND		ug/kg dry	241	956	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:16	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	241	956	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:16	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	241	956	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:16	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	241	956	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:16	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	482	956	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:16	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	482	956	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:16	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	241	956	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:16	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	241	956	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:16	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	241	956	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:16	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	482	956	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:16	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	482	956	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:16	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	241	956	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:16	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	241	956	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:16	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	241	956	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:16	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	241	956	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:16	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	241	956	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:16	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	241	956	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:16	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	241	956	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:16	SR
218-01-9	Chrysene	ND		ug/kg dry	241	956	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:16	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	241	956	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:16	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	241	956	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:16	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	241	956	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:16	SR



## Sample Information

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13H0597

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August 14, 2013 3:00 pm

08/15/2013

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	241	956	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:16	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	241	956	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:16	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	241	956	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:16	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	958	1910	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:16	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	482	956	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:16	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	241	956	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:16	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	241	956	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:16	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	241	956	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:16	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	482	956	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:16	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	241	956	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:16	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	958	1910	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:16	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	241	956	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:16	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	482	956	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:16	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	241	956	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:16	SR
206-44-0	Fluoranthene	378	J	ug/kg dry	241	956	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:16	SR
86-73-7	Fluorene	ND		ug/kg dry	241	956	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:16	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	241	956	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:16	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	241	956	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:16	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	482	956	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:16	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	241	956	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:16	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	241	956	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:16	SR
78-59-1	Isophorone	ND		ug/kg dry	241	956	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:16	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	241	956	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:16	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	482	956	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:16	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	482	956	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:16	SR
91-20-3	Naphthalene	ND		ug/kg dry	241	956	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:16	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	482	956	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:16	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	482	956	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:16	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	241	956	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:16	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	482	956	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:16	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	241	956	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:16	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	241	956	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:16	SR



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#130171-1309 38th Street, Brooklyn

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08/15/2013

#### Semi-Volatiles, 8270 Target List

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	482	956	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:16	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	241	956	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:16	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	482	956	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:16	SR
85-01-8	Phenanthrene	243	J	ug/kg dry	241	956	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:16	SR
108-95-2	Phenol	ND		ug/kg dry	241	956	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:16	SR
129-00-0	Pyrene	319	J	ug/kg dry	241	956	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:16	SR
110-86-1	Pyridine	ND		ug/kg dry	241	956	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:16	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	241	956	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:16	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	241	956	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:16	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	241	956	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:16	SR
	<b>Surrogate Recoveries</b>	<b>Result</b>									
5175-83-7	Surrogate: 2,4,6-Tribromophenol	72.8 %									
321-60-8	Surrogate: 2-Fluorobiphenyl	52.8 %									
367-12-4	Surrogate: 2-Fluorophenol	84.8 %									
4165-60-0	Surrogate: Nitrobenzene-d5	73.0 %									
4165-62-2	Surrogate: Phenol-d5	81.7 %									
1718-51-0	Surrogate: Terphenyl-d14	85.2 %									

#### Pesticides/PCBs, EPA 8081/8082 List

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	95.8	95.8	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/19/2013 20:52	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.46	9.46	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/19/2013 20:52	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.89	1.89	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/19/2013 20:52	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.89	1.89	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/19/2013 20:52	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.89	1.89	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/19/2013 20:52	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.89	1.89	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/19/2013 20:52	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.89	1.89	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/19/2013 20:52	JW
72-20-8	Endrin	ND		ug/kg dry	1.89	1.89	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/19/2013 20:52	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.89	1.89	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/19/2013 20:52	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.89	1.89	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/19/2013 20:52	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.89	1.89	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/19/2013 20:52	JW
60-57-1	Dieldrin	35.4		ug/kg dry	1.89	1.89	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/19/2013 20:52	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.89	1.89	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/19/2013 20:52	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.57	7.57	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/19/2013 20:52	JW



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**Pesticides/PCBs, EPA 8081/8082 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-85-7	beta-BHC	ND		ug/kg dry	1.89	1.89	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/19/2013 20:52	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.89	1.89	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/19/2013 20:52	JW
309-00-2	Aldrin	<b>72.8</b>		ug/kg dry	1.89	1.89	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/19/2013 20:52	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.89	1.89	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/19/2013 20:52	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.89	1.89	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/19/2013 20:52	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.89	1.89	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/19/2013 20:52	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	19.5	19.5	1	EPA SW 846-8081/8082	08/16/2013 07:33	08/20/2013 23:49	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	19.5	19.5	1	EPA SW 846-8081/8082	08/16/2013 07:33	08/20/2013 23:49	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	19.5	19.5	1	EPA SW 846-8081/8082	08/16/2013 07:33	08/20/2013 23:49	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	19.5	19.5	1	EPA SW 846-8081/8082	08/16/2013 07:33	08/20/2013 23:49	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	19.5	19.5	1	EPA SW 846-8081/8082	08/16/2013 07:33	08/20/2013 23:49	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	19.5	19.5	1	EPA SW 846-8081/8082	08/16/2013 07:33	08/20/2013 23:49	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	19.5	19.5	1	EPA SW 846-8081/8082	08/16/2013 07:33	08/20/2013 23:49	JW
1336-36-3	Total PCBs	ND		ug/kg dry	7.80	19.5	1	EPA SW 846-8081/8082	08/16/2013 07:33	08/20/2013 23:49	JW

**Surrogate Recoveries**

**Result**

**Acceptance Range**

877-09-8 *Surrogate: Tetrachloro-m-xylene*

35.0 %

30-150

2051-24-3 *Surrogate: Decachlorobiphenyl*

29.7 %

S-GC

30-150

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	<b>13700</b>		mg/kg dry	1.15	1.15	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:15	AMC
7440-36-0	Antimony	ND		mg/kg dry	0.573	0.573	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:15	AMC
7440-38-2	Arsenic	<b>6.73</b>		mg/kg dry	1.15	1.15	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:15	AMC
7440-39-3	Barium	<b>73.9</b>		mg/kg dry	1.15	1.15	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:15	AMC
7440-41-7	Beryllium	ND		mg/kg dry	0.115	0.115	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:15	AMC
7440-43-9	Cadmium	<b>0.847</b>		mg/kg dry	0.344	0.344	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:15	AMC
7440-70-2	Calcium	<b>1560</b>		mg/kg dry	0.573	5.73	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:15	AMC
7440-47-3	Chromium	<b>20.1</b>		mg/kg dry	0.573	0.573	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:15	AMC
7440-48-4	Cobalt	<b>10.9</b>		mg/kg dry	0.573	0.573	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:15	AMC
7440-50-8	Copper	<b>38.5</b>		mg/kg dry	0.573	0.573	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:15	AMC
7439-89-6	Iron	<b>22600</b>		mg/kg dry	2.29	2.29	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:15	AMC
7439-92-1	Lead	<b>128</b>		mg/kg dry	0.344	0.344	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:15	AMC
7439-95-4	Magnesium	<b>3420</b>		mg/kg dry	5.73	5.73	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:15	AMC
7439-96-5	Manganese	<b>413</b>		mg/kg dry	0.573	0.573	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:15	AMC



### Sample Information

Client Sample ID: EP-2

York Sample ID: 13H0597-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H0597

#130171-1309 38th Street, Brooklyn

Soil

August 14, 2013 3:00 pm

08/15/2013

#### Metals, Target Analyte

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	36.4		mg/kg dry	0.573	0.573	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:15	AMC
7440-09-7	Potassium	1320		mg/kg dry	5.73	5.73	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:15	AMC
7782-49-2	Selenium	3.43		mg/kg dry	1.15	1.15	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:15	AMC
7440-22-4	Silver	ND		mg/kg dry	0.573	0.573	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:15	AMC
7440-23-5	Sodium	202	B	mg/kg dry	11.5	11.5	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:15	AMC
7440-28-0	Thallium	ND		mg/kg dry	1.15	1.15	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:15	AMC
7440-62-2	Vanadium	34.5		mg/kg dry	1.15	1.15	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:15	AMC
7440-66-6	Zinc	175		mg/kg dry	1.15	1.15	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:15	AMC

#### Mercury by 7473

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0846		mg/kg dry	0.000917	0.000917	1	EPA SW846-7473	08/16/2013 09:26	08/16/2013 09:26	AAkba

#### Total Solids

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	87.2		%	0.100	0.100	1	SM 2540G	08/19/2013 08:32	08/19/2013 14:53	BGS

#### Chromium, Hexavalent

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.401	0.573	1	SW846-7196A	08/19/2013 16:39	08/20/2013 16:08	BGS

#### Chromium, Trivalent

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	Chromium, Trivalent	20.1		mg/kg	0.250	0.500	1	CALCULATION	08/21/2013 12:52	08/21/2013 12:53	AD

### Sample Information

Client Sample ID: EP-3

York Sample ID: 13H0597-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H0597

#130171-1309 38th Street, Brooklyn

Soil

August 14, 2013 3:00 pm

08/15/2013

#### Volatile Organics, 8260 List

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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## Sample Information

**Client Sample ID:** EP-3

**York Sample ID:** 13H0597-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H0597

#130171-1309 38th Street, Brooklyn

Soil

August 14, 2013 3:00 pm

08/15/2013

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:57	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:57	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:57	BK
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:57	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:57	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:57	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:57	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:57	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:57	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:57	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:57	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:57	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:57	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:57	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:57	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:57	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:57	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:57	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:57	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:57	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:57	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	46	93	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:57	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:57	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:57	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:57	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:57	BK
67-64-1	Acetone	ND		ug/kg dry	2.3	9.3	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:57	BK
71-43-2	Benzene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:57	BK
108-86-1	Bromobenzene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:57	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:57	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:57	BK
75-25-2	Bromoform	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:57	BK



## Sample Information

**Client Sample ID:** EP-3

**York Sample ID:** 13H0597-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H0597

#130171-1309 38th Street, Brooklyn

Soil

August 14, 2013 3:00 pm

08/15/2013

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:57	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:57	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:57	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:57	BK
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:57	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:57	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:57	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:57	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:57	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:57	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:57	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:57	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:57	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:57	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:57	BK
75-09-2	Methylene chloride	ND		ug/kg dry	2.3	9.3	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:57	BK
91-20-3	Naphthalene	ND		ug/kg dry	2.3	9.3	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:57	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:57	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:57	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:57	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.6	9.3	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:57	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:57	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:57	BK
100-42-5	Styrene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:57	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:57	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:57	BK
108-88-3	Toluene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:57	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:57	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:57	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:57	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:57	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:57	BK



### Sample Information

**Client Sample ID:** EP-3

**York Sample ID:** 13H0597-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H0597

#130171-1309 38th Street, Brooklyn

Soil

August 14, 2013 3:00 pm

08/15/2013

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.0	14	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:57	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 15:57	BK
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	108 %			73-130						
460-00-4	Surrogate: p-Bromofluorobenzene	108 %			72-127						
2037-26-5	Surrogate: Toluene-d8	104 %			84-117						

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	44.0	175	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:47	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	44.0	175	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:47	SR
62-53-3	Aniline	ND		ug/kg dry	44.0	175	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:47	SR
120-12-7	Anthracene	ND		ug/kg dry	44.0	175	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:47	SR
56-55-3	Benzo(a)anthracene	143	J	ug/kg dry	44.0	175	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:47	SR
50-32-8	Benzo(a)pyrene	167	J	ug/kg dry	44.0	175	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:47	SR
205-99-2	Benzo(b)fluoranthene	133	J	ug/kg dry	44.0	175	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:47	SR
191-24-2	Benzo(g,h,i)perylene	88.4	J	ug/kg dry	88.0	175	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:47	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	88.0	175	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:47	SR
207-08-9	Benzo(k)fluoranthene	153	J	ug/kg dry	44.0	175	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:47	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	44.0	175	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:47	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	44.0	175	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:47	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	88.0	175	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:47	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	88.0	175	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:47	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	44.0	175	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:47	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	44.0	175	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:47	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	44.0	175	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:47	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	44.0	175	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:47	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	44.0	175	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:47	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	44.0	175	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:47	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	44.0	175	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:47	SR
218-01-9	Chrysene	173	J	ug/kg dry	44.0	175	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:47	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	44.0	175	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:47	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	44.0	175	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:47	SR



## Sample Information

**Client Sample ID:** EP-3

**York Sample ID:** 13H0597-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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13H0597

#130171-1309 38th Street, Brooklyn

Soil

August 14, 2013 3:00 pm

08/15/2013

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	44.0	175	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:47	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	44.0	175	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:47	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	44.0	175	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:47	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	44.0	175	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:47	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	175	349	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:47	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	88.0	175	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:47	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	44.0	175	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:47	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	44.0	175	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:47	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	44.0	175	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:47	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	44.0	175	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:47	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	88.0	175	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:47	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	175	349	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:47	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	44.0	175	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:47	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	88.0	175	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:47	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	44.0	175	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:47	SR
206-44-0	Fluoranthene	<b>320</b>		ug/kg dry	44.0	175	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:47	SR
86-73-7	Fluorene	ND		ug/kg dry	44.0	175	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:47	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	44.0	175	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:47	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	44.0	175	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:47	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	88.0	175	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:47	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	44.0	175	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:47	SR
193-39-5	Indeno(1,2,3-cd)pyrene	<b>77.9</b>	J	ug/kg dry	44.0	175	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:47	SR
78-59-1	Isophorone	ND		ug/kg dry	44.0	175	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:47	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	44.0	175	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:47	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	88.0	175	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:47	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	88.0	175	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:47	SR
91-20-3	Naphthalene	ND		ug/kg dry	44.0	175	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:47	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	88.0	175	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:47	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	88.0	175	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:47	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	44.0	175	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:47	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	88.0	175	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:47	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	44.0	175	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:47	SR



### Sample Information

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#130171-1309 38th Street, Brooklyn

Soil

August 14, 2013 3:00 pm

08/15/2013

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	44.0	175	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:47	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	88.0	175	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:47	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	44.0	175	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:47	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	88.0	175	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:47	SR
85-01-8	Phenanthrene	<b>188</b>		ug/kg dry	44.0	175	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:47	SR
108-95-2	Phenol	ND		ug/kg dry	44.0	175	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:47	SR
129-00-0	Pyrene	<b>317</b>		ug/kg dry	44.0	175	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:47	SR
110-86-1	Pyridine	ND		ug/kg dry	44.0	175	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:47	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	44.0	175	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:47	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	44.0	175	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:47	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	44.0	175	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 15:47	SR
	<b>Surrogate Recoveries</b>	<b>Result</b>			<b>Acceptance Range</b>						
5175-83-7	Surrogate: 2,4,6-Tribromophenol	83.0 %			10-142						
321-60-8	Surrogate: 2-Fluorobiphenyl	52.0 %			10-111						
367-12-4	Surrogate: 2-Fluorophenol	65.9 %			10-109						
4165-60-0	Surrogate: Nitrobenzene-d5	63.9 %			10-148						
4165-62-2	Surrogate: Phenol-d5	68.7 %			10-124						
1718-51-0	Surrogate: Terphenyl-d14	85.1 %			10-147						

**Pesticides/PCBs, EPA 8081/8082 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	87.5	87.5	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/19/2013 21:07	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.65	8.65	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/19/2013 21:07	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.73	1.73	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/19/2013 21:07	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.73	1.73	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/19/2013 21:07	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.73	1.73	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/19/2013 21:07	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.73	1.73	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/19/2013 21:07	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.73	1.73	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/19/2013 21:07	JW
72-20-8	Endrin	ND		ug/kg dry	1.73	1.73	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/19/2013 21:07	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.73	1.73	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/19/2013 21:07	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.73	1.73	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/19/2013 21:07	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.73	1.73	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/19/2013 21:07	JW
60-57-1	Dieldrin	<b>28.0</b>		ug/kg dry	1.73	1.73	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/19/2013 21:07	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.73	1.73	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/19/2013 21:07	JW



### Sample Information

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Soil

August 14, 2013 3:00 pm

08/15/2013

**Pesticides/PCBs, EPA 8081/8082 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	Chlordane, total	ND		ug/kg dry	6.92	6.92	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/19/2013 21:07	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.73	1.73	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/19/2013 21:07	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.73	1.73	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/19/2013 21:07	JW
309-00-2	Aldrin	<b>40.0</b>		ug/kg dry	1.73	1.73	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/19/2013 21:07	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.73	1.73	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/19/2013 21:07	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.73	1.73	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/19/2013 21:07	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.73	1.73	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/19/2013 21:07	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	17.8	17.8	1	EPA SW 846-8081/8082	08/16/2013 07:33	08/21/2013 00:21	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	17.8	17.8	1	EPA SW 846-8081/8082	08/16/2013 07:33	08/21/2013 00:21	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	17.8	17.8	1	EPA SW 846-8081/8082	08/16/2013 07:33	08/21/2013 00:21	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	17.8	17.8	1	EPA SW 846-8081/8082	08/16/2013 07:33	08/21/2013 00:21	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	17.8	17.8	1	EPA SW 846-8081/8082	08/16/2013 07:33	08/21/2013 00:21	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	17.8	17.8	1	EPA SW 846-8081/8082	08/16/2013 07:33	08/21/2013 00:21	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	17.8	17.8	1	EPA SW 846-8081/8082	08/16/2013 07:33	08/21/2013 00:21	JW
1336-36-3	Total PCBs	ND		ug/kg dry	7.13	17.8	1	EPA SW 846-8081/8082	08/16/2013 07:33	08/21/2013 00:21	JW
	<b>Surrogate Recoveries</b>	<b>Result</b>			<b>Acceptance Range</b>						
877-09-8	Surrogate: Tetrachloro-m-xylene	56.7 %			30-150						
2051-24-3	Surrogate: Decachlorobiphenyl	46.2 %			30-150						

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	<b>11900</b>		mg/kg dry	1.05	1.05	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:20	AMC
7440-36-0	Antimony	ND		mg/kg dry	0.524	0.524	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:20	AMC
7440-38-2	Arsenic	<b>5.58</b>		mg/kg dry	1.05	1.05	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:20	AMC
7440-39-3	Barium	<b>66.7</b>		mg/kg dry	1.05	1.05	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:20	AMC
7440-41-7	Beryllium	ND		mg/kg dry	0.105	0.105	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:20	AMC
7440-43-9	Cadmium	<b>0.490</b>		mg/kg dry	0.314	0.314	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:20	AMC
7440-70-2	Calcium	<b>1800</b>		mg/kg dry	0.524	5.24	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:20	AMC
7440-47-3	Chromium	<b>19.5</b>		mg/kg dry	0.524	0.524	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:20	AMC
7440-48-4	Cobalt	<b>9.79</b>		mg/kg dry	0.524	0.524	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:20	AMC
7440-50-8	Copper	<b>29.8</b>		mg/kg dry	0.524	0.524	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:20	AMC
7439-89-6	Iron	<b>19400</b>		mg/kg dry	2.10	2.10	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:20	AMC
7439-92-1	Lead	<b>113</b>		mg/kg dry	0.314	0.314	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:20	AMC
7439-95-4	Magnesium	<b>3320</b>		mg/kg dry	5.24	5.24	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:20	AMC



### Sample Information

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13H0597

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Soil

August 14, 2013 3:00 pm

08/15/2013

#### Metals, Target Analyte

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	Manganese	360		mg/kg dry	0.524	0.524	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:20	AMC
7440-02-0	Nickel	34.1		mg/kg dry	0.524	0.524	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:20	AMC
7440-09-7	Potassium	1350		mg/kg dry	5.24	5.24	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:20	AMC
7782-49-2	Selenium	2.12		mg/kg dry	1.05	1.05	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:20	AMC
7440-22-4	Silver	ND		mg/kg dry	0.524	0.524	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:20	AMC
7440-23-5	Sodium	189	B	mg/kg dry	10.5	10.5	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:20	AMC
7440-28-0	Thallium	ND		mg/kg dry	1.05	1.05	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:20	AMC
7440-62-2	Vanadium	28.4		mg/kg dry	1.05	1.05	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:20	AMC
7440-66-6	Zinc	128		mg/kg dry	1.05	1.05	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:20	AMC

#### Mercury by 7473

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0948		mg/kg dry	0.000839	0.000839	1	EPA SW846-7473	08/16/2013 09:26	08/16/2013 09:26	AAkba

#### Total Solids

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	95.4		%	0.100	0.100	1	SM 2540G	08/19/2013 08:32	08/19/2013 14:53	BGS

#### Chromium, Hexavalent

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.367	0.524	1	SW846-7196A	08/19/2013 16:39	08/20/2013 16:08	BGS

#### Chromium, Trivalent

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	Chromium, Trivalent	19.5		mg/kg	0.250	0.500	1	CALCULATION	08/21/2013 12:52	08/21/2013 12:53	AD

### Sample Information

Client Sample ID: EP-4

York Sample ID: 13H0597-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H0597

#130171-1309 38th Street, Brooklyn

Soil

August 14, 2013 3:00 pm

08/15/2013

#### Volatile Organics, 8260 List

#### Log-in Notes:

#### Sample Notes:



## Sample Information

**Client Sample ID:** EP-4

**York Sample ID:** 13H0597-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H0597

#130171-1309 38th Street, Brooklyn

Soil

August 14, 2013 3:00 pm

08/15/2013

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 16:38	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 16:38	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 16:38	BK
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 16:38	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 16:38	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 16:38	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 16:38	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 16:38	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 16:38	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 16:38	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 16:38	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 16:38	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 16:38	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 16:38	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 16:38	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 16:38	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 16:38	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 16:38	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 16:38	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 16:38	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 16:38	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	59	120	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 16:38	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 16:38	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 16:38	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 16:38	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 16:38	BK
67-64-1	Acetone	ND		ug/kg dry	2.9	12	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 16:38	BK
71-43-2	Benzene	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 16:38	BK
108-86-1	Bromobenzene	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 16:38	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 16:38	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 16:38	BK
75-25-2	Bromoform	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 16:38	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 16:38	BK



## Sample Information

**Client Sample ID:** EP-4

**York Sample ID:** 13H0597-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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13H0597

#130171-1309 38th Street, Brooklyn

Soil

August 14, 2013 3:00 pm

08/15/2013

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 16:38	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 16:38	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 16:38	BK
67-66-3	Chloroform	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 16:38	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 16:38	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 16:38	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 16:38	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 16:38	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 16:38	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 16:38	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 16:38	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 16:38	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 16:38	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 16:38	BK
75-09-2	Methylene chloride	ND		ug/kg dry	2.9	12	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 16:38	BK
91-20-3	Naphthalene	ND		ug/kg dry	2.9	12	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 16:38	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 16:38	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 16:38	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 16:38	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.9	12	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 16:38	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 16:38	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 16:38	BK
100-42-5	Styrene	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 16:38	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 16:38	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 16:38	BK
108-88-3	Toluene	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 16:38	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 16:38	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 16:38	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 16:38	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 16:38	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 16:38	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.8	18	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 16:38	BK



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**York Sample ID:** 13H0597-04

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13H0597

#130171-1309 38th Street, Brooklyn

Soil

August 14, 2013 3:00 pm

08/15/2013

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-05-4	Vinyl acetate	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 16:38	BK
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	112 %		73-130							
460-00-4	Surrogate: p-Bromofluorobenzene	103 %		72-127							
2037-26-5	Surrogate: Toluene-d8	106 %		84-117							

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	50.2	199	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:18	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	50.2	199	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:18	SR
62-53-3	Aniline	ND		ug/kg dry	50.2	199	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:18	SR
120-12-7	Anthracene	ND		ug/kg dry	50.2	199	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:18	SR
56-55-3	Benzo(a)anthracene	79.7	J	ug/kg dry	50.2	199	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:18	SR
50-32-8	Benzo(a)pyrene	82.5	J	ug/kg dry	50.2	199	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:18	SR
205-99-2	Benzo(b)fluoranthene	71.7	J	ug/kg dry	50.2	199	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:18	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	100	199	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:18	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	100	199	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:18	SR
207-08-9	Benzo(k)fluoranthene	70.1	J	ug/kg dry	50.2	199	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:18	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	50.2	199	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:18	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	50.2	199	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:18	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	100	199	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:18	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	100	199	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:18	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	50.2	199	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:18	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	50.2	199	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:18	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	50.2	199	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:18	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	50.2	199	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:18	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	50.2	199	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:18	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	50.2	199	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:18	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	50.2	199	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:18	SR
218-01-9	Chrysene	82.1	J	ug/kg dry	50.2	199	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:18	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	50.2	199	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:18	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	50.2	199	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:18	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	50.2	199	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:18	SR



## Sample Information

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**York Sample ID:** 13H0597-04

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13H0597

#130171-1309 38th Street, Brooklyn

Soil

August 14, 2013 3:00 pm

08/15/2013

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	50.2	199	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:18	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	50.2	199	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:18	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	50.2	199	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:18	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	200	398	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:18	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	100	199	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:18	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	50.2	199	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:18	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	50.2	199	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:18	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	50.2	199	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:18	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	100	199	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:18	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	50.2	199	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:18	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	200	399	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:18	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	50.2	199	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:18	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	100	199	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:18	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	50.2	199	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:18	SR
206-44-0	Fluoranthene	166	J	ug/kg dry	50.2	199	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:18	SR
86-73-7	Fluorene	ND		ug/kg dry	50.2	199	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:18	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	50.2	199	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:18	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	50.2	199	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:18	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	100	199	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:18	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	50.2	199	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:18	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	50.2	199	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:18	SR
78-59-1	Isophorone	ND		ug/kg dry	50.2	199	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:18	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	50.2	199	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:18	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	100	199	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:18	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	100	199	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:18	SR
91-20-3	Naphthalene	ND		ug/kg dry	50.2	199	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:18	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	100	199	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:18	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	100	199	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:18	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	50.2	199	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:18	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	100	199	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:18	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	50.2	199	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:18	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	50.2	199	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:18	SR



## Sample Information

**Client Sample ID:** EP-4

**York Sample ID:** 13H0597-04

York Project (SDG) No.

Client Project ID

Matrix

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13H0597

#130171-1309 38th Street, Brooklyn

Soil

August 14, 2013 3:00 pm

08/15/2013

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	100	199	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:18	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	50.2	199	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:18	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	100	199	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:18	SR
85-01-8	Phenanthrene	<b>120</b>	J	ug/kg dry	50.2	199	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:18	SR
108-95-2	Phenol	ND		ug/kg dry	50.2	199	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:18	SR
129-00-0	Pyrene	<b>171</b>	J	ug/kg dry	50.2	199	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:18	SR
110-86-1	Pyridine	ND		ug/kg dry	50.2	199	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:18	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	50.2	199	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:18	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	50.2	199	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:18	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	50.2	199	1	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:18	SR
	<b>Surrogate Recoveries</b>	<b>Result</b>			<b>Acceptance Range</b>						
5175-83-7	Surrogate: 2,4,6-Tribromophenol	55.1 %			10-142						
321-60-8	Surrogate: 2-Fluorobiphenyl	28.1 %			10-111						
367-12-4	Surrogate: 2-Fluorophenol	55.5 %			10-109						
4165-60-0	Surrogate: Nitrobenzene-d5	50.8 %			10-148						
4165-62-2	Surrogate: Phenol-d5	57.6 %			10-124						
1718-51-0	Surrogate: Terphenyl-d14	67.8 %			10-147						

**Pesticides/PCBs, EPA 8081/8082 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	99.8	99.8	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/20/2013 09:28	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.86	9.86	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/20/2013 09:28	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.97	1.97	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/20/2013 09:28	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.97	1.97	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/20/2013 09:28	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.97	1.97	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/20/2013 09:28	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.97	1.97	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/20/2013 09:28	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.97	1.97	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/20/2013 09:28	JW
72-20-8	Endrin	ND		ug/kg dry	1.97	1.97	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/20/2013 09:28	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.97	1.97	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/20/2013 09:28	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.97	1.97	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/20/2013 09:28	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.97	1.97	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/20/2013 09:28	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.97	1.97	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/20/2013 09:28	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.97	1.97	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/20/2013 09:28	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.89	7.89	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/20/2013 09:28	JW



## Sample Information

**Client Sample ID:** EP-4

**York Sample ID:** 13H0597-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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13H0597

#130171-1309 38th Street, Brooklyn

Soil

August 14, 2013 3:00 pm

08/15/2013

**Pesticides/PCBs, EPA 8081/8082 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-85-7	beta-BHC	ND		ug/kg dry	1.97	1.97	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/20/2013 09:28	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.97	1.97	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/20/2013 09:28	JW
309-00-2	Aldrin	ND		ug/kg dry	1.97	1.97	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/20/2013 09:28	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.97	1.97	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/20/2013 09:28	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.97	1.97	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/20/2013 09:28	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.97	1.97	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/20/2013 09:28	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	20.3	20.3	1	EPA SW 846-8081/8082	08/16/2013 07:33	08/21/2013 00:53	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	20.3	20.3	1	EPA SW 846-8081/8082	08/16/2013 07:33	08/21/2013 00:53	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	20.3	20.3	1	EPA SW 846-8081/8082	08/16/2013 07:33	08/21/2013 00:53	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	20.3	20.3	1	EPA SW 846-8081/8082	08/16/2013 07:33	08/21/2013 00:53	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	20.3	20.3	1	EPA SW 846-8081/8082	08/16/2013 07:33	08/21/2013 00:53	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	20.3	20.3	1	EPA SW 846-8081/8082	08/16/2013 07:33	08/21/2013 00:53	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	20.3	20.3	1	EPA SW 846-8081/8082	08/16/2013 07:33	08/21/2013 00:53	JW
1336-36-3	Total PCBs	ND		ug/kg dry	8.13	20.3	1	EPA SW 846-8081/8082	08/16/2013 07:33	08/21/2013 00:53	JW
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>							
877-09-8	Surrogate: Tetrachloro-m-xylene	39.2 %		30-150							
2051-24-3	Surrogate: Decachlorobiphenyl	25.6 %	S-GC	30-150							

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	<b>14700</b>		mg/kg dry	1.20	1.20	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:25	AMC
7440-36-0	Antimony	ND		mg/kg dry	0.598	0.598	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:25	AMC
7440-38-2	Arsenic	<b>7.76</b>		mg/kg dry	1.20	1.20	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:25	AMC
7440-39-3	Barium	<b>48.1</b>		mg/kg dry	1.20	1.20	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:25	AMC
7440-41-7	Beryllium	ND		mg/kg dry	0.120	0.120	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:25	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.359	0.359	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:25	AMC
7440-70-2	Calcium	<b>1670</b>		mg/kg dry	0.598	5.98	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:25	AMC
7440-47-3	Chromium	<b>18.4</b>		mg/kg dry	0.598	0.598	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:25	AMC
7440-48-4	Cobalt	<b>10.4</b>		mg/kg dry	0.598	0.598	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:25	AMC
7440-50-8	Copper	<b>17.4</b>		mg/kg dry	0.598	0.598	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:25	AMC
7439-89-6	Iron	<b>23800</b>		mg/kg dry	2.39	2.39	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:25	AMC
7439-92-1	Lead	<b>28.2</b>		mg/kg dry	0.359	0.359	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:25	AMC
7439-95-4	Magnesium	<b>2570</b>		mg/kg dry	5.98	5.98	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:25	AMC
7439-96-5	Manganese	<b>315</b>		mg/kg dry	0.598	0.598	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:25	AMC



### Sample Information

Client Sample ID: EP-4

York Sample ID: 13H0597-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H0597

#130171-1309 38th Street, Brooklyn

Soil

August 14, 2013 3:00 pm

08/15/2013

#### Metals, Target Analyte

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	15.9		mg/kg dry	0.598	0.598	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:25	AMC
7440-09-7	Potassium	1110		mg/kg dry	5.98	5.98	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:25	AMC
7782-49-2	Selenium	2.35		mg/kg dry	1.20	1.20	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:25	AMC
7440-22-4	Silver	ND		mg/kg dry	0.598	0.598	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:25	AMC
7440-23-5	Sodium	241	B	mg/kg dry	12.0	12.0	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:25	AMC
7440-28-0	Thallium	ND		mg/kg dry	1.20	1.20	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:25	AMC
7440-62-2	Vanadium	29.7		mg/kg dry	1.20	1.20	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:25	AMC
7440-66-6	Zinc	47.2		mg/kg dry	1.20	1.20	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:25	AMC

#### Mercury by 7473

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0696		mg/kg dry	0.000956	0.000956	1	EPA SW846-7473	08/16/2013 09:26	08/16/2013 09:26	AAkba

#### Total Solids

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	83.6		%	0.100	0.100	1	SM 2540G	08/19/2013 08:32	08/19/2013 14:53	BGS

#### Chromium, Hexavalent

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.418	0.598	1	SW846-7196A	08/19/2013 16:39	08/20/2013 16:08	BGS

#### Chromium, Trivalent

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	Chromium, Trivalent	18.4		mg/kg	0.250	0.500	1	CALCULATION	08/21/2013 12:52	08/21/2013 12:53	AD

### Sample Information

Client Sample ID: EP-5

York Sample ID: 13H0597-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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13H0597

#130171-1309 38th Street, Brooklyn

Soil

August 14, 2013 3:00 pm

08/15/2013

#### Volatile Organics, 8260 List

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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## Sample Information

**Client Sample ID:** EP-5

**York Sample ID:** 13H0597-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H0597

#130171-1309 38th Street, Brooklyn

Soil

August 14, 2013 3:00 pm

08/15/2013

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 17:18	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 17:18	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 17:18	BK
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 17:18	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 17:18	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 17:18	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 17:18	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 17:18	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 17:18	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 17:18	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 17:18	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 17:18	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 17:18	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 17:18	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 17:18	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 17:18	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 17:18	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 17:18	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 17:18	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 17:18	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 17:18	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	60	120	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 17:18	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 17:18	BK
78-93-3	2-Butanone	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 17:18	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 17:18	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 17:18	BK
67-64-1	Acetone	3.2	J, B	ug/kg dry	3.0	12	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 17:18	BK
71-43-2	Benzene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 17:18	BK
108-86-1	Bromobenzene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 17:18	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 17:18	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 17:18	BK
75-25-2	Bromoform	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 17:18	BK



## Sample Information

**Client Sample ID:** EP-5

**York Sample ID:** 13H0597-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H0597

#130171-1309 38th Street, Brooklyn

Soil

August 14, 2013 3:00 pm

08/15/2013

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 17:18	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 17:18	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 17:18	BK
75-00-3	Chloroethane	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 17:18	BK
67-66-3	Chloroform	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 17:18	BK
74-87-3	Chloromethane	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 17:18	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 17:18	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 17:18	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 17:18	BK
74-95-3	Dibromomethane	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 17:18	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 17:18	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 17:18	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 17:18	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 17:18	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 17:18	BK
75-09-2	Methylene chloride	ND		ug/kg dry	3.0	12	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 17:18	BK
91-20-3	Naphthalene	ND		ug/kg dry	3.0	12	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 17:18	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 17:18	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 17:18	BK
95-47-6	o-Xylene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 17:18	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 17:18	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 17:18	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 17:18	BK
100-42-5	Styrene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 17:18	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 17:18	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 17:18	BK
108-88-3	Toluene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 17:18	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 17:18	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 17:18	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 17:18	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 17:18	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 17:18	BK



### Sample Information

Client Sample ID: EP-5

York Sample ID: 13H0597-05

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13H0597

#130171-1309 38th Street, Brooklyn

Soil

August 14, 2013 3:00 pm

08/15/2013

#### Volatile Organics, 8260 List

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.0	18	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 17:18	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/20/2013 10:00	08/20/2013 17:18	BK
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	118 %		73-130							
460-00-4	Surrogate: p-Bromofluorobenzene	112 %		72-127							
2037-26-5	Surrogate: Toluene-d8	105 %		84-117							

#### Semi-Volatiles, 8270 Target List

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	210	833	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:49	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	210	833	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:49	SR
62-53-3	Aniline	ND		ug/kg dry	210	833	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:49	SR
120-12-7	Anthracene	ND		ug/kg dry	210	833	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:49	SR
56-55-3	Benzo(a)anthracene	432	J	ug/kg dry	210	833	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:49	SR
50-32-8	Benzo(a)pyrene	427	J	ug/kg dry	210	833	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:49	SR
205-99-2	Benzo(b)fluoranthene	388	J	ug/kg dry	210	833	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:49	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	420	833	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:49	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	420	833	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:49	SR
207-08-9	Benzo(k)fluoranthene	372	J	ug/kg dry	210	833	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:49	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	210	833	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:49	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	210	833	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:49	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	420	833	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:49	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	420	833	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:49	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	210	833	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:49	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	210	833	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:49	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	210	833	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:49	SR
117-81-7	Bis(2-ethylhexyl)phthalate	558	J	ug/kg dry	210	833	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:49	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	210	833	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:49	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	210	833	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:49	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	210	833	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:49	SR
218-01-9	Chrysene	498	J	ug/kg dry	210	833	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:49	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	210	833	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:49	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	210	833	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:49	SR



## Sample Information

**Client Sample ID:** EP-5

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13H0597

#130171-1309 38th Street, Brooklyn

Soil

August 14, 2013 3:00 pm

08/15/2013

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	210	833	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:49	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	210	833	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:49	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	210	833	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:49	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	210	833	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:49	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	835	1660	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:49	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	420	833	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:49	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	210	833	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:49	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	210	833	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:49	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	210	833	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:49	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	420	833	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:49	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	210	833	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:49	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	835	1670	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:49	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	210	833	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:49	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	420	833	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:49	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	210	833	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:49	SR
206-44-0	Fluoranthene	<b>790</b>	J	ug/kg dry	210	833	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:49	SR
86-73-7	Fluorene	ND		ug/kg dry	210	833	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:49	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	210	833	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:49	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	210	833	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:49	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	420	833	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:49	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	210	833	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:49	SR
193-39-5	Indeno(1,2,3-cd)pyrene	<b>223</b>	J	ug/kg dry	210	833	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:49	SR
78-59-1	Isophorone	ND		ug/kg dry	210	833	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:49	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	210	833	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:49	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	420	833	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:49	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	420	833	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:49	SR
91-20-3	Naphthalene	ND		ug/kg dry	210	833	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:49	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	420	833	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:49	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	420	833	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:49	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	210	833	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:49	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	420	833	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:49	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	210	833	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:49	SR



### Sample Information

**Client Sample ID:** EP-5

**York Sample ID:** 13H0597-05

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

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13H0597

#130171-1309 38th Street, Brooklyn

Soil

August 14, 2013 3:00 pm

08/15/2013

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	210	833	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:49	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	420	833	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:49	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	210	833	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:49	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	420	833	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:49	SR
85-01-8	Phenanthrene	633	J	ug/kg dry	210	833	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:49	SR
108-95-2	Phenol	ND		ug/kg dry	210	833	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:49	SR
129-00-0	Pyrene	1020		ug/kg dry	210	833	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:49	SR
110-86-1	Pyridine	ND		ug/kg dry	210	833	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:49	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	210	833	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:49	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	210	833	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:49	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	210	833	5	EPA SW-846 8270C	08/16/2013 07:31	08/16/2013 16:49	SR
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
5175-83-7	Surrogate: 2,4,6-Tribromophenol	77.8 %	10-142								
321-60-8	Surrogate: 2-Fluorobiphenyl	60.6 %	10-111								
367-12-4	Surrogate: 2-Fluorophenol	53.9 %	10-109								
4165-60-0	Surrogate: Nitrobenzene-d5	62.2 %	10-148								
4165-62-2	Surrogate: Phenol-d5	53.4 %	10-124								
1718-51-0	Surrogate: Terphenyl-d14	102 %	10-147								

**Pesticides/PCBs, EPA 8081/8082 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	83.5	83.5	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/20/2013 09:43	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.25	8.25	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/20/2013 09:43	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.65	1.65	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/20/2013 09:43	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.65	1.65	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/20/2013 09:43	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.65	1.65	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/20/2013 09:43	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.65	1.65	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/20/2013 09:43	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.65	1.65	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/20/2013 09:43	JW
72-20-8	Endrin	ND		ug/kg dry	1.65	1.65	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/20/2013 09:43	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.65	1.65	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/20/2013 09:43	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.65	1.65	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/20/2013 09:43	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.65	1.65	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/20/2013 09:43	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.65	1.65	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/20/2013 09:43	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.65	1.65	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/20/2013 09:43	JW



## Sample Information

**Client Sample ID:** EP-5

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13H0597

#130171-1309 38th Street, Brooklyn

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August 14, 2013 3:00 pm

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**Pesticides/PCBs, EPA 8081/8082 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	Chlordane, total	ND		ug/kg dry	6.60	6.60	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/20/2013 09:43	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.65	1.65	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/20/2013 09:43	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.65	1.65	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/20/2013 09:43	JW
309-00-2	Aldrin	ND		ug/kg dry	1.65	1.65	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/20/2013 09:43	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.65	1.65	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/20/2013 09:43	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.65	1.65	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/20/2013 09:43	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.65	1.65	5	EPA SW 846-8081/8082	08/16/2013 07:33	08/20/2013 09:43	JW
11096-82-5	Aroclor 1260	<b>68.9</b>		ug/kg dry	17.0	17.0	1	EPA SW 846-8081/8082	08/16/2013 07:33	08/21/2013 01:25	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	17.0	17.0	1	EPA SW 846-8081/8082	08/16/2013 07:33	08/21/2013 01:25	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	17.0	17.0	1	EPA SW 846-8081/8082	08/16/2013 07:33	08/21/2013 01:25	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	17.0	17.0	1	EPA SW 846-8081/8082	08/16/2013 07:33	08/21/2013 01:25	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	17.0	17.0	1	EPA SW 846-8081/8082	08/16/2013 07:33	08/21/2013 01:25	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	17.0	17.0	1	EPA SW 846-8081/8082	08/16/2013 07:33	08/21/2013 01:25	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	17.0	17.0	1	EPA SW 846-8081/8082	08/16/2013 07:33	08/21/2013 01:25	JW
1336-36-3	Total PCBs	<b>68.9</b>		ug/kg dry	6.80	17.0	1	EPA SW 846-8081/8082	08/16/2013 07:33	08/21/2013 01:25	JW
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
877-09-8	<i>Surrogate: Tetrachloro-m-xylene</i>	43.5 %	30-150								
2051-24-3	<i>Surrogate: Decachlorobiphenyl</i>	35.1 %	30-150								

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	<b>8450</b>		mg/kg dry	1.00	1.00	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:30	AMC
7440-36-0	Antimony	<b>0.520</b>		mg/kg dry	0.500	0.500	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:30	AMC
7440-38-2	Arsenic	<b>4.32</b>		mg/kg dry	1.00	1.00	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:30	AMC
7440-39-3	Barium	<b>73.2</b>		mg/kg dry	1.00	1.00	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:30	AMC
7440-41-7	Beryllium	ND		mg/kg dry	0.100	0.100	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:30	AMC
7440-43-9	Cadmium	<b>1.05</b>		mg/kg dry	0.300	0.300	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:30	AMC
7440-70-2	Calcium	<b>5980</b>		mg/kg dry	0.500	5.00	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:30	AMC
7440-47-3	Chromium	<b>16.0</b>		mg/kg dry	0.500	0.500	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:30	AMC
7440-48-4	Cobalt	<b>7.18</b>		mg/kg dry	0.500	0.500	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:30	AMC
7440-50-8	Copper	<b>30.3</b>		mg/kg dry	0.500	0.500	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:30	AMC
7439-89-6	Iron	<b>14800</b>		mg/kg dry	2.00	2.00	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:30	AMC
7439-92-1	Lead	<b>100</b>		mg/kg dry	0.300	0.300	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:30	AMC
7439-95-4	Magnesium	<b>3320</b>		mg/kg dry	5.00	5.00	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:30	AMC



### Sample Information

**Client Sample ID:** EP-5

**York Sample ID:** 13H0597-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H0597

#130171-1309 38th Street, Brooklyn

Soil

August 14, 2013 3:00 pm

08/15/2013

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	Manganese	327		mg/kg dry	0.500	0.500	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:30	AMC
7440-02-0	Nickel	29.3		mg/kg dry	0.500	0.500	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:30	AMC
7440-09-7	Potassium	1280		mg/kg dry	5.00	5.00	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:30	AMC
7782-49-2	Selenium	1.99		mg/kg dry	1.00	1.00	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:30	AMC
7440-22-4	Silver	ND		mg/kg dry	0.500	0.500	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:30	AMC
7440-23-5	Sodium	221	B	mg/kg dry	10.0	10.0	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:30	AMC
7440-28-0	Thallium	ND		mg/kg dry	1.00	1.00	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:30	AMC
7440-62-2	Vanadium	22.7		mg/kg dry	1.00	1.00	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:30	AMC
7440-66-6	Zinc	98.8		mg/kg dry	1.00	1.00	1	EPA SW846-6010B	08/16/2013 08:13	08/16/2013 13:30	AMC

**Mercury by 7473**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	40.5		mg/kg dry	0.000800	0.000800	1	EPA SW846-7473	08/16/2013 09:26	08/16/2013 09:26	AAkba

**Total Solids**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	100		%	0.100	0.100	1	SM 2540G	08/16/2013 08:33	08/16/2013 15:53	BGS

**Chromium, Hexavalent**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.350	0.500	1	SW846-7196A	08/19/2013 16:39	08/20/2013 16:08	BGS

**Chromium, Trivalent**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	Chromium, Trivalent	16.0		mg/kg	0.250	0.500	1	CALCULATION	08/21/2013 12:52	08/21/2013 12:53	AD



## Analytical Batch Summary

**Batch ID:** BH30763

**Preparation Method:** EPA 3550B

**Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
13H0597-01	EP-1	08/16/13
13H0597-02	EP-2	08/16/13
13H0597-03	EP-3	08/16/13
13H0597-04	EP-4	08/16/13
13H0597-05	EP-5	08/16/13
BH30763-BLK1	Blank	08/16/13
BH30763-BS1	LCS	08/16/13
BH30763-BSD1	LCS Dup	08/16/13
BH30763-MS1	Matrix Spike	08/16/13

**Batch ID:** BH30765

**Preparation Method:** EPA 3550B

**Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
13H0597-01	EP-1	08/16/13
13H0597-02	EP-2	08/16/13
13H0597-03	EP-3	08/16/13
13H0597-04	EP-4	08/16/13
13H0597-05	EP-5	08/16/13
BH30765-BLK1	Blank	08/16/13
BH30765-BS1	LCS	08/16/13
BH30765-BS2	LCS	08/16/13
BH30765-BSD1	LCS Dup	08/16/13
BH30765-MS1	Matrix Spike	08/16/13

**Batch ID:** BH30771

**Preparation Method:** EPA 3050B

**Prepared By:** AMC

YORK Sample ID	Client Sample ID	Preparation Date
13H0597-01	EP-1	08/16/13
13H0597-02	EP-2	08/16/13
13H0597-03	EP-3	08/16/13
13H0597-04	EP-4	08/16/13
13H0597-05	EP-5	08/16/13
BH30771-BLK1	Blank	08/16/13
BH30771-SRM1	Reference	08/16/13

**Batch ID:** BH30777

**Preparation Method:** % Solids Prep

**Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
13H0597-05	EP-5	08/16/13

**Batch ID:** BH30789

**Preparation Method:** EPA 7473 soil

**Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
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13H0597-01	EP-1	08/16/13
13H0597-02	EP-2	08/16/13
13H0597-03	EP-3	08/16/13
13H0597-04	EP-4	08/16/13
13H0597-05	EP-5	08/16/13
BH30789-BLK1	Blank	08/16/13
BH30789-SRM1	Reference	08/16/13

**Batch ID:** BH30849      **Preparation Method:** % Solids Prep      **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
13H0597-01	EP-1	08/19/13
13H0597-02	EP-2	08/19/13
13H0597-03	EP-3	08/19/13
13H0597-04	EP-4	08/19/13

**Batch ID:** BH30907      **Preparation Method:** EPA SW846-3060      **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
13H0597-01	EP-1	08/19/13
13H0597-02	EP-2	08/19/13
13H0597-03	EP-3	08/19/13
13H0597-04	EP-4	08/19/13
13H0597-05	EP-5	08/19/13
BH30907-BLK1	Blank	08/19/13
BH30907-SRM1	Reference	08/19/13

**Batch ID:** BH30942      **Preparation Method:** EPA 5035A      **Prepared By:** EKM

YORK Sample ID	Client Sample ID	Preparation Date
13H0597-01	EP-1	08/20/13
13H0597-02	EP-2	08/20/13
13H0597-03	EP-3	08/20/13
13H0597-04	EP-4	08/20/13
13H0597-05	EP-5	08/20/13
BH30942-BLK1	Blank	08/20/13
BH30942-BS1	LCS	08/20/13
BH30942-BSD1	LCS Dup	08/20/13
BH30942-MS1	Matrix Spike	08/20/13

**Batch ID:** BH31022      **Preparation Method:** EPA SW846-3060      **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
13H0597-01	EP-1	08/21/13
13H0597-02	EP-2	08/21/13
13H0597-03	EP-3	08/21/13
13H0597-04	EP-4	08/21/13
13H0597-05	EP-5	08/21/13



**Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data**

**York Analytical Laboratories, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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**Batch BH30942 - EPA 5035A**

**Blank (BH30942-BLK1)**

Prepared & Analyzed: 08/20/2013

1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,1-Dichloropropylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,3-Dichloropropane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2,2-Dichloropropane	ND	5.0	"								
2-Butanone	ND	5.0	"								
2-Chlorotoluene	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
Acetone	6.0	10	"								
Benzene	ND	5.0	"								
Bromobenzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	ND	10	"								
Naphthalene	ND	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								



**Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data**

**York Analytical Laboratories, Inc.**

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

**Batch BH30942 - EPA 5035A**

**Blank (BH30942-BLK1)**

Prepared & Analyzed: 08/20/2013

o-Xylene	ND	5.0	ug/kg wet							
p- & m- Xylenes	ND	10	"							
p-Isopropyltoluene	ND	5.0	"							
sec-Butylbenzene	ND	5.0	"							
Styrene	ND	5.0	"							
tert-Butylbenzene	ND	5.0	"							
Tetrachloroethylene	ND	5.0	"							
Toluene	ND	5.0	"							
trans-1,2-Dichloroethylene	ND	5.0	"							
trans-1,3-Dichloropropylene	ND	5.0	"							
Trichloroethylene	ND	5.0	"							
Trichlorofluoromethane	ND	5.0	"							
Vinyl Chloride	ND	5.0	"							
Xylenes, Total	ND	15	"							
Vinyl acetate	ND	5.0	"							
<i>Surrogate: 1,2-Dichloroethane-d4</i>	53.7		ug/L	50.0		107	73-130			
<i>Surrogate: p-Bromofluorobenzene</i>	51.0		"	50.0		102	72-127			
<i>Surrogate: Toluene-d8</i>	49.3		"	50.0		98.7	84-117			

**LCS (BH30942-BS1)**

Prepared & Analyzed: 08/20/2013

1,1,1,2-Tetrachloroethane	59		ug/L	50.0		118	72-132			
1,1,1-Trichloroethane	57		"	50.0		114	77-131			
1,1,2,2-Tetrachloroethane	49		"	50.0		97.1	68-129			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50		"	50.0		100	75-143			
1,1,2-Trichloroethane	52		"	50.0		104	72-128			
1,1-Dichloroethane	49		"	50.0		98.2	78-133			
1,1-Dichloroethylene	47		"	50.0		93.1	71-142			
1,1-Dichloropropylene	49		"	50.0		98.8	77-124			
1,2,3-Trichlorobenzene	54		"	50.0		108	65-134			
1,2,3-Trichloropropane	58		"	50.0		115	65-127			
1,2,4-Trichlorobenzene	52		"	50.0		104	59-133			
1,2,4-Trimethylbenzene	52		"	50.0		104	68-128			
1,2-Dibromo-3-chloropropane	52		"	50.0		104	58-145			
1,2-Dibromoethane	55		"	50.0		110	73-128			
1,2-Dichlorobenzene	50		"	50.0		101	69-126			
1,2-Dichloroethane	58		"	50.0		115	78-131			
1,2-Dichloropropane	49		"	50.0		98.3	72-129			
1,3,5-Trimethylbenzene	52		"	50.0		104	67-125			
1,3-Dichlorobenzene	51		"	50.0		102	67-125			
1,3-Dichloropropane	55		"	50.0		110	73-126			
1,4-Dichlorobenzene	51		"	50.0		102	67-127			
1,4-Dioxane	780		"	1000		77.8	10-265			
2,2-Dichloropropane	55		"	50.0		110	68-133			
2-Butanone	49		"	50.0		97.1	49-138			
2-Chlorotoluene	52		"	50.0		105	61-121			
4-Chlorotoluene	55		"	50.0		110	65-126			
Acetone	36		"	50.0		72.3	21-131			
Benzene	48		"	50.0		95.2	81-125			
Bromobenzene	55		"	50.0		109	65-125			
Bromochloromethane	52		"	50.0		104	78-127			
Bromodichloromethane	60		"	50.0		119	73-131			
Bromoform	52		"	50.0		105	66-137			



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BH30942 - EPA 5035A

LCS (BH30942-BS1)

Prepared & Analyzed: 08/20/2013

Bromomethane	38		ug/L	50.0		75.5		55-144					
Carbon tetrachloride	58		"	50.0		117		74-137					
Chlorobenzene	51		"	50.0		101		75-127					
Chloroethane	45		"	50.0		90.3		65-138					
Chloroform	57		"	50.0		113		82-128					
Chloromethane	33		"	50.0		66.9		51-138					
cis-1,2-Dichloroethylene	48		"	50.0		95.1		77-130					
cis-1,3-Dichloropropylene	60		"	50.0		119		68-123					
Dibromochloromethane	57		"	50.0		115		73-136					
Dibromomethane	55		"	50.0		109		75-131					
Dichlorodifluoromethane	28		"	50.0		56.1		10-183					
Ethyl Benzene	55		"	50.0		109		75-130					
Hexachlorobutadiene	56		"	50.0		111		59-130					
Isopropylbenzene	51		"	50.0		103		68-135					
Methyl tert-butyl ether (MTBE)	51		"	50.0		101		76-136					
Methylene chloride	50		"	50.0		100		55-143					
Naphthalene	51		"	50.0		103		65-140					
n-Butylbenzene	52		"	50.0		104		63-123					
n-Propylbenzene	51		"	50.0		102		65-127					
o-Xylene	55		"	50.0		109		71-123					
p- & m- Xylenes	110		"	100		109		72-127					
p-Isopropyltoluene	52		"	50.0		105		69-128					
sec-Butylbenzene	52		"	50.0		104		69-125					
Styrene	54		"	50.0		107		74-127					
tert-Butylbenzene	52		"	50.0		105		59-164					
Tetrachloroethylene	54		"	50.0		107		65-151					
Toluene	50		"	50.0		99.2		72-127					
trans-1,2-Dichloroethylene	50		"	50.0		101		73-137					
trans-1,3-Dichloropropylene	57		"	50.0		113		67-131					
Trichloroethylene	54		"	50.0		108		73-129					
Trichlorofluoromethane	53		"	50.0		106		69-136					
Vinyl Chloride	37		"	50.0		73.0		58-132					
Vinyl acetate	9.6		"	50.0		19.3		10-84					
Surrogate: 1,2-Dichloroethane-d4	58.0		"	50.0		116		73-130					
Surrogate: p-Bromofluorobenzene	48.5		"	50.0		97.0		72-127					
Surrogate: Toluene-d8	49.8		"	50.0		99.6		84-117					



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Spike	Source*	%REC	%REC	Limits	Flag	RPD	
		Limit							Units	Level
<b>Batch BH30942 - EPA 5035A</b>										
<b>LCS Dup (BH30942-BSD1)</b>										
Prepared & Analyzed: 08/20/2013										
1,1,1,2-Tetrachloroethane	57		ug/L	50.0	114	72-132			3.01	30
1,1,1-Trichloroethane	55		"	50.0	109	77-131			4.40	30
1,1,2,2-Tetrachloroethane	48		"	50.0	95.7	68-129			1.47	30
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50		"	50.0	100	75-143			0.299	30
1,1,2-Trichloroethane	53		"	50.0	105	72-128			1.57	30
1,1-Dichloroethane	47		"	50.0	93.6	78-133			4.82	30
1,1-Dichloroethylene	46		"	50.0	91.5	71-142			1.69	30
1,1-Dichloropropylene	47		"	50.0	94.3	77-124			4.62	30
1,2,3-Trichlorobenzene	53		"	50.0	106	65-134			2.20	30
1,2,3-Trichloropropane	54		"	50.0	108	65-127			6.72	30
1,2,4-Trichlorobenzene	50		"	50.0	101	59-133			3.09	30
1,2,4-Trimethylbenzene	50		"	50.0	100	68-128			3.61	30
1,2-Dibromo-3-chloropropane	61		"	50.0	123	58-145			16.3	30
1,2-Dibromoethane	52		"	50.0	103	73-128			5.69	30
1,2-Dichlorobenzene	48		"	50.0	95.6	69-126			5.10	30
1,2-Dichloroethane	55		"	50.0	111	78-131			4.21	30
1,2-Dichloropropane	49		"	50.0	97.5	72-129			0.899	30
1,3,5-Trimethylbenzene	50		"	50.0	101	67-125			3.80	30
1,3-Dichlorobenzene	48		"	50.0	96.8	67-125			4.88	30
1,3-Dichloropropane	53		"	50.0	106	73-126			4.03	30
1,4-Dichlorobenzene	48		"	50.0	96.8	67-127			5.60	30
1,4-Dioxane	910		"	1000	91.0	10-265			15.7	30
2,2-Dichloropropane	55		"	50.0	109	68-133			0.766	30
2-Butanone	48		"	50.0	96.6	49-138			0.537	30
2-Chlorotoluene	49		"	50.0	98.3	61-121			6.40	30
4-Chlorotoluene	52		"	50.0	103	65-126			5.95	30
Acetone	35		"	50.0	69.7	21-131			3.69	30
Benzene	44		"	50.0	88.5	81-125			7.29	30
Bromobenzene	52		"	50.0	103	65-125			5.45	30
Bromochloromethane	49		"	50.0	97.5	78-127			6.61	30
Bromodichloromethane	58		"	50.0	116	73-131			2.43	30
Bromoform	52		"	50.0	105	66-137			0.286	30
Bromomethane	37		"	50.0	74.6	55-144			1.17	30
Carbon tetrachloride	56		"	50.0	111	74-137			4.81	30
Chlorobenzene	50		"	50.0	99.9	75-127			1.23	30
Chloroethane	43		"	50.0	85.4	65-138			5.62	30
Chloroform	53		"	50.0	106	82-128			6.29	30
Chloromethane	30		"	50.0	60.1	51-138			10.7	30
cis-1,2-Dichloroethylene	46		"	50.0	91.0	77-130			4.36	30
cis-1,3-Dichloropropylene	57		"	50.0	114	68-123			5.03	30
Dibromochloromethane	59		"	50.0	118	73-136			3.21	30
Dibromomethane	57		"	50.0	114	75-131			4.68	30
Dichlorodifluoromethane	26		"	50.0	52.7	10-183			6.36	30
Ethyl Benzene	53		"	50.0	107	75-130			2.24	30
Hexachlorobutadiene	56		"	50.0	112	59-130			0.842	30
Isopropylbenzene	50		"	50.0	101	68-135			1.79	30
Methyl tert-butyl ether (MTBE)	50		"	50.0	100	76-136			0.616	30
Methylene chloride	46		"	50.0	91.6	55-143			9.04	30
Naphthalene	53		"	50.0	105	65-140			2.56	30
n-Butylbenzene	51		"	50.0	101	63-123			3.14	30
n-Propylbenzene	49		"	50.0	97.4	65-127			4.36	30



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH30942 - EPA 5035A

LCS Dup (BH30942-BSD1)

Prepared & Analyzed: 08/20/2013

o-Xylene	52		ug/L	50.0		104	71-123		5.04	30	
p- & m- Xylenes	110		"	100		107	72-127		2.39	30	
p-Isopropyltoluene	50		"	50.0		101	69-128		3.74	30	
sec-Butylbenzene	51		"	50.0		102	69-125		2.28	30	
Styrene	51		"	50.0		102	74-127		4.94	30	
tert-Butylbenzene	50		"	50.0		99.5	59-164		5.36	30	
Tetrachloroethylene	51		"	50.0		102	65-151		5.37	30	
Toluene	48		"	50.0		95.4	72-127		3.88	30	
trans-1,2-Dichloroethylene	47		"	50.0		93.2	73-137		7.64	30	
trans-1,3-Dichloropropylene	58		"	50.0		116	67-131		2.35	30	
Trichloroethylene	51		"	50.0		102	73-129		5.56	30	
Trichlorofluoromethane	50		"	50.0		101	69-136		5.27	30	
Vinyl Chloride	33		"	50.0		66.0	58-132		10.1	30	
Vinyl acetate	9.4		"	50.0		18.9	10-84		2.20	30	
Surrogate: 1,2-Dichloroethane-d4	54.2		"	50.0		108	73-130				
Surrogate: p-Bromofluorobenzene	50.2		"	50.0		100	72-127				
Surrogate: Toluene-d8	48.4		"	50.0		96.9	84-117				

Matrix Spike (BH30942-MS1)

\*Source sample: 13H0597-01 (EP-1)

Prepared & Analyzed: 08/20/2013

1,1,1,2-Tetrachloroethane	44		ug/L	50.0	ND	87.9	48-129				
1,1,1-Trichloroethane	46		"	50.0	ND	91.2	60-128				
1,1,2,2-Tetrachloroethane	41		"	50.0	ND	81.2	20-143				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	37		"	50.0	ND	74.4	52-129				
1,1,2-Trichloroethane	42		"	50.0	ND	83.7	53-126				
1,1-Dichloroethane	41		"	50.0	ND	81.7	62-129				
1,1-Dichloroethylene	41		"	50.0	ND	81.2	50-138				
1,1-Dichloropropylene	37		"	50.0	ND	73.3	49-120				
1,2,3-Trichlorobenzene	24		"	50.0	ND	47.2	10-120				
1,2,3-Trichloropropane	46		"	50.0	ND	92.7	42-132				
1,2,4-Trichlorobenzene	22		"	50.0	ND	43.3	10-113				
1,2,4-Trimethylbenzene	32		"	50.0	ND	63.7	10-173				
1,2-Dibromo-3-chloropropane	49		"	50.0	ND	97.4	16-151				
1,2-Dibromoethane	46		"	50.0	ND	92.5	37-134				
1,2-Dichlorobenzene	31		"	50.0	ND	62.7	12-121				
1,2-Dichloroethane	47		"	50.0	ND	93.1	53-133				
1,2-Dichloropropane	43		"	50.0	ND	85.2	58-126				
1,3,5-Trimethylbenzene	32		"	50.0	ND	64.4	10-155				
1,3-Dichlorobenzene	30		"	50.0	ND	60.5	12-116				
1,3-Dichloropropane	47		"	50.0	ND	93.3	50-127				
1,4-Dichlorobenzene	30		"	50.0	ND	60.6	9-118				
1,4-Dioxane	950		"	1000	ND	94.8	10-249				
2,2-Dichloropropane	43		"	50.0	ND	85.6	47-119				
2-Butanone	37		"	50.0	ND	74.2	13-140				
2-Chlorotoluene	34		"	50.0	ND	67.8	24-115				
4-Chlorotoluene	35		"	50.0	ND	69.6	22-115				
Acetone	31		"	50.0	ND	62.7	10-130				
Benzene	37		"	50.0	ND	73.4	52-127				
Bromobenzene	40		"	50.0	ND	79.8	27-119				
Bromochloromethane	40		"	50.0	ND	80.8	52-129				
Bromodichloromethane	51		"	50.0	ND	103	50-132				
Bromoform	49		"	50.0	ND	98.6	31-138				
Bromomethane	39		"	50.0	ND	79.0	20-141				



**Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data**

**York Analytical Laboratories, Inc.**

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

**Batch BH30942 - EPA 5035A**

**Matrix Spike (BH30942-MS1)**

\*Source sample: 13H0597-01 (EP-1)

Prepared & Analyzed: 08/20/2013

Carbon tetrachloride	45		ug/L	50.0	ND	90.3	52-131				
Chlorobenzene	38		"	50.0	ND	77.0	36-125				
Chloroethane	45		"	50.0	ND	90.9	35-143				
Chloroform	45		"	50.0	ND	89.1	62-127				
Chloromethane	35		"	50.0	ND	70.1	36-128				
cis-1,2-Dichloroethylene	37		"	50.0	ND	73.9	51-128				
cis-1,3-Dichloropropylene	46		"	50.0	ND	92.5	27-126				
Dibromochloromethane	49		"	50.0	ND	98.7	42-137				
Dibromomethane	47		"	50.0	ND	94.5	47-136				
Dichlorodifluoromethane	44		"	50.0	ND	87.1	10-143				
Ethyl Benzene	40		"	50.0	ND	79.6	32-131				
Hexachlorobutadiene	16		"	50.0	ND	32.1	10-109				
Isopropylbenzene	34		"	50.0	ND	67.3	21-143				
Methyl tert-butyl ether (MTBE)	43		"	50.0	ND	86.9	55-144				
Methylene chloride	39		"	50.0	1.7	74.5	17-147				
Naphthalene	29		"	50.0	ND	58.0	10-142				
n-Butylbenzene	22		"	50.0	ND	44.1	10-116				
n-Propylbenzene	30		"	50.0	ND	60.5	70-130	Low Bias			
o-Xylene	40		"	50.0	ND	80.2	70-130				
p- & m- Xylenes	78		"	100	ND	77.5	70-130				
p-Isopropyltoluene	26		"	50.0	ND	51.2	70-130	Low Bias			
sec-Butylbenzene	25		"	50.0	ND	50.2	12-129				
Styrene	37		"	50.0	ND	74.1	13-130				
tert-Butylbenzene	29		"	50.0	ND	58.5	20-149				
Tetrachloroethylene	46		"	50.0	ND	91.2	26-179				
Toluene	39		"	50.0	ND	78.5	30-138				
trans-1,2-Dichloroethylene	38		"	50.0	ND	75.1	46-132				
trans-1,3-Dichloropropylene	47		"	50.0	ND	93.6	20-132				
Trichloroethylene	45		"	50.0	ND	89.6	31-152				
Trichlorofluoromethane	49		"	50.0	ND	97.4	50-129				
Vinyl Chloride	39		"	50.0	ND	77.7	41-124				
Vinyl acetate	0.0		"	50.0	ND		10-62	Low Bias			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>54.3</i>		<i>"</i>	<i>50.0</i>		<i>109</i>	<i>73-130</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>51.1</i>		<i>"</i>	<i>50.0</i>		<i>102</i>	<i>72-127</i>				
<i>Surrogate: Toluene-d8</i>	<i>51.0</i>		<i>"</i>	<i>50.0</i>		<i>102</i>	<i>84-117</i>				



Semivolatile Organic Compounds by EPA Method 8270C - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BH30763 - EPA 3550B

Blank (BH30763-BLK1)

Prepared & Analyzed: 08/16/2013

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



Semivolatile Organic Compounds by EPA Method 8270C - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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**Batch BH30763 - EPA 3550B**

**Blank (BH30763-BLK1)**

Prepared & Analyzed: 08/16/2013

3-Nitroaniline	ND	167	ug/kg wet								
4-Nitroaniline	ND	167	"								
Nitrobenzene	ND	167	"								
4-Nitrophenol	ND	167	"								
2-Nitrophenol	ND	167	"								
N-nitroso-di-n-propylamine	ND	167	"								
N-Nitrosodimethylamine	ND	167	"								
N-Nitrosodiphenylamine	ND	167	"								
Pentachlorophenol	ND	167	"								
Phenanthrene	ND	167	"								
Phenol	ND	167	"								
Pyrene	ND	167	"								
Pyridine	ND	167	"								
1,2,4-Trichlorobenzene	ND	167	"								
2,4,5-Trichlorophenol	ND	167	"								
2,4,6-Trichlorophenol	ND	167	"								
<i>Surrogate: 2,4,6-Tribromophenol</i>	2630		"	2500		105	10-142				
<i>Surrogate: 2-Fluorobiphenyl</i>	1680		"	1670		100	10-111				
<i>Surrogate: 2-Fluorophenol</i>	2610		"	2500		104	10-109				
<i>Surrogate: Nitrobenzene-d5</i>	1780		"	1670		107	10-148				
<i>Surrogate: Phenol-d5</i>	2550		"	2500		102	10-124				
<i>Surrogate: Terphenyl-d14</i>	1820		"	1670		109	10-147				

**LCS (BH30763-BS1)**

Prepared & Analyzed: 08/16/2013

Acenaphthene	1390	167	ug/kg wet	1670		83.2	35-127				
Acenaphthylene	1330	167	"	1670		79.6	37-121				
Aniline	1190	167	"	1670		71.2	10-149				
Anthracene	1350	167	"	1670		81.2	38-131				
Benzo(a)anthracene	1510	167	"	1670		90.5	37-137				
Benzo(a)pyrene	1700	167	"	1670		102	33-162				
Benzo(b)fluoranthene	1500	167	"	1670		90.2	26-160				
Benzo(g,h,i)perylene	1550	167	"	1670		93.1	10-154				
Benzyl alcohol	1410	167	"	1670		84.5	33-124				
Benzo(k)fluoranthene	1470	167	"	1670		88.3	34-143				
Benzyl butyl phthalate	1530	167	"	1670		91.7	30-143				
4-Bromophenyl phenyl ether	1440	167	"	1670		86.6	35-135				
4-Chloro-3-methylphenol	1480	167	"	1670		88.9	34-133				
4-Chloroaniline	1430	167	"	1670		85.5	17-175				
Bis(2-chloroethoxy)methane	1400	167	"	1670		84.1	31-119				
Bis(2-chloroethyl)ether	1380	167	"	1670		82.7	18-124				
Bis(2-chloroisopropyl)ether	1560	167	"	1670		93.7	10-141				
Bis(2-ethylhexyl)phthalate	1350	167	"	1670		80.8	35-137				
2-Chloronaphthalene	1350	167	"	1670		80.8	34-117				
2-Chlorophenol	1270	167	"	1670		76.3	32-123				
4-Chlorophenyl phenyl ether	1320	167	"	1670		78.9	25-142				
Chrysene	1550	167	"	1670		92.9	38-132				
Dibenzo(a,h)anthracene	1690	167	"	1670		102	14-153				
Dibenzofuran	1370	167	"	1670		82.5	39-123				
Di-n-butyl phthalate	1340	167	"	1670		80.5	35-132				
1,2-Dichlorobenzene	1190	167	"	1670		71.1	22-121				
1,4-Dichlorobenzene	1210	167	"	1670		72.8	20-122				



Semivolatile Organic Compounds by EPA Method 8270C - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH30763 - EPA 3550B

LCS (BH30763-BS1)

Prepared & Analyzed: 08/16/2013

1,3-Dichlorobenzene	1190	167	ug/kg wet	1670		71.2	22-120				
3,3'-Dichlorobenzidine	1640	333	"	1670		98.6	16-177				
2,4-Dichlorophenol	1350	167	"	1670		80.8	30-134				
Diethyl phthalate	1360	167	"	1670		81.5	41-125				
2,4-Dimethylphenol	1360	167	"	1670		81.8	33-120				
Dimethyl phthalate	1400	167	"	1670		83.9	39-125				
2-Nitroaniline	1370	167	"	1670		82.0	38-130				
4,6-Dinitro-2-methylphenol	1470	167	"	1670		88.3	10-165				
2,4-Dinitrophenol	1520	333	"	1670		91.4	53-209				
2,6-Dinitrotoluene	1340	167	"	1670		80.5	42-130				
2,4-Dinitrotoluene	1360	167	"	1670		81.8	41-129				
Di-n-octyl phthalate	1320	167	"	1670		79.2	19-162				
Fluoranthene	1440	167	"	1670		86.1	35-136				
Fluorene	1360	167	"	1670		81.4	33-134				
Hexachlorobenzene	1350	167	"	1670		81.1	31-139				
Hexachlorobutadiene	1390	167	"	1670		83.7	19-137				
Hexachlorocyclopentadiene	1030	167	"	1670		62.0	10-145				
Hexachloroethane	1270	167	"	1670		76.0	12-125				
Indeno(1,2,3-cd)pyrene	1690	167	"	1670		102	11-155				
Isophorone	1540	167	"	1670		92.5	30-125				
2-Methylnaphthalene	1340	167	"	1670		80.7	30-125				
2-Methylphenol	1300	167	"	1670		78.0	30-128				
3- & 4-Methylphenols	1250	167	"	1670		75.3	30-120				
Naphthalene	1280	167	"	1670		77.0	28-121				
3-Nitroaniline	1390	167	"	1670		83.2	10-234				
4-Nitroaniline	1270	167	"	1670		76.3	10-208				
Nitrobenzene	1440	167	"	1670		86.4	28-118				
4-Nitrophenol	1780	167	"	1670		107	10-185				
2-Nitrophenol	1320	167	"	1670		79.0	23-129				
N-nitroso-di-n-propylamine	1490	167	"	1670		89.7	21-136				
N-Nitrosodimethylamine	1430	167	"	1670		85.7	10-131				
N-Nitrosodiphenylamine	1540	167	"	1670		92.6	36-163				
Pentachlorophenol	1730	167	"	1670		104	15-182				
Phenanthrene	1390	167	"	1670		83.3	37-132				
Phenol	1350	167	"	1670		81.0	28-124				
Pyrene	1690	167	"	1670		101	30-147				
Pyridine	1440	167	"	1670		86.7	10-113				
1,2,4-Trichlorobenzene	1290	167	"	1670		77.6	22-129				
2,4,5-Trichlorophenol	1380	167	"	1670		83.0	34-126				
2,4,6-Trichlorophenol	1290	167	"	1670		77.6	36-130				
Surrogate: 2,4,6-Tribromophenol	3060		"	2500		122	10-142				
Surrogate: 2-Fluorobiphenyl	1810		"	1670		108	10-111				
Surrogate: 2-Fluorophenol	2840		"	2500		114	10-109				
Surrogate: Nitrobenzene-d5	1610		"	1670		96.5	10-148				
Surrogate: Phenol-d5	2490		"	2500		99.4	10-124				
Surrogate: Terphenyl-d14	2110		"	1670		127	10-147				



Semivolatile Organic Compounds by EPA Method 8270C - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	
		Limit			Result					RPD	Limit
<b>Batch BH30763 - EPA 3550B</b>											
<b>LCS Dup (BH30763-BSD1)</b>										Prepared & Analyzed: 08/16/2013	
Acenaphthene	1280	167	ug/kg wet	1670		76.6	35-127			8.16	30
Acenaphthylene	1240	167	"	1670		74.6	37-121			6.56	30
Aniline	1100	167	"	1670		66.1	10-149			7.49	30
Anthracene	1280	167	"	1670		76.8	38-131			5.60	30
Benzo(a)anthracene	1440	167	"	1670		86.4	37-137			4.57	30
Benzo(a)pyrene	1620	167	"	1670		97.3	33-162			4.89	30
Benzo(b)fluoranthene	1450	167	"	1670		87.0	26-160			3.66	30
Benzo(g,h,i)perylene	1650	167	"	1670		99.0	10-154			6.17	30
Benzyl alcohol	1280	167	"	1670		76.7	33-124			9.63	30
Benzo(k)fluoranthene	1370	167	"	1670		82.4	34-143			6.94	30
Benzyl butyl phthalate	1440	167	"	1670		86.6	30-143			5.76	30
4-Bromophenyl phenyl ether	1280	167	"	1670		77.0	35-135			11.7	30
4-Chloro-3-methylphenol	1410	167	"	1670		84.8	34-133			4.74	30
4-Chloroaniline	1360	167	"	1670		81.5	17-175			4.89	30
Bis(2-chloroethoxy)methane	1300	167	"	1670		78.1	31-119			7.40	30
Bis(2-chloroethyl)ether	1260	167	"	1670		75.8	18-124			8.68	30
Bis(2-chloroisopropyl)ether	1420	167	"	1670		85.4	10-141			9.32	30
Bis(2-ethylhexyl)phthalate	1240	167	"	1670		74.3	35-137			8.39	30
2-Chloronaphthalene	1250	167	"	1670		74.8	34-117			7.72	30
2-Chlorophenol	1180	167	"	1670		70.5	32-123			7.90	30
4-Chlorophenyl phenyl ether	1260	167	"	1670		75.4	25-142			4.51	30
Chrysene	1420	167	"	1670		85.4	38-132			8.39	30
Dibenzo(a,h)anthracene	1670	167	"	1670		100	14-153			1.41	30
Dibenzofuran	1290	167	"	1670		77.5	39-123			6.20	30
Di-n-butyl phthalate	1230	167	"	1670		74.0	35-132			8.44	30
1,2-Dichlorobenzene	1080	167	"	1670		64.7	22-121			9.45	30
1,4-Dichlorobenzene	1110	167	"	1670		66.5	20-122			9.07	30
1,3-Dichlorobenzene	1070	167	"	1670		64.3	22-120			10.3	30
3,3'-Dichlorobenzidine	1600	333	"	1670		96.3	16-177			2.34	30
2,4-Dichlorophenol	1270	167	"	1670		76.4	30-134			5.57	30
Diethyl phthalate	1330	167	"	1670		80.0	41-125			1.81	30
2,4-Dimethylphenol	1250	167	"	1670		75.2	33-120			8.39	30
Dimethyl phthalate	1360	167	"	1670		81.8	39-125			2.54	30
2-Nitroaniline	1330	167	"	1670		79.6	38-130			3.02	30
4,6-Dinitro-2-methylphenol	1380	167	"	1670		82.7	10-165			6.62	30
2,4-Dinitrophenol	1600	333	"	1670		96.0	53-209			4.84	30
2,6-Dinitrotoluene	1290	167	"	1670		77.3	42-130			4.03	30
2,4-Dinitrotoluene	1360	167	"	1670		81.8	41-129			0.0244	30
Di-n-octyl phthalate	1230	167	"	1670		73.8	19-162			7.06	30
Fluoranthene	1350	167	"	1670		81.2	35-136			5.83	30
Fluorene	1250	167	"	1670		75.2	33-134			7.84	30
Hexachlorobenzene	1210	167	"	1670		72.6	31-139			11.0	30
Hexachlorobutadiene	1290	167	"	1670		77.2	19-137			8.03	30
Hexachlorocyclopentadiene	1070	167	"	1670		64.0	10-145			3.11	30
Hexachloroethane	1140	167	"	1670		68.3	12-125			10.7	30
Indeno(1,2,3-cd)pyrene	1700	167	"	1670		102	11-155			0.216	30
Isophorone	1440	167	"	1670		86.3	30-125			6.91	30
2-Methylnaphthalene	1250	167	"	1670		75.2	30-125			7.03	30
2-Methylphenol	1200	167	"	1670		71.8	30-128			8.33	30
3- & 4-Methylphenols	1130	167	"	1670		67.7	30-120			10.6	30
Naphthalene	1170	167	"	1670		70.4	28-121			8.96	30



Semivolatile Organic Compounds by EPA Method 8270C - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH30763 - EPA 3550B

LCS Dup (BH30763-BSD1)

Prepared & Analyzed: 08/16/2013

3-Nitroaniline	1320	167	ug/kg wet	1670		79.4	10-234		4.70	30	
4-Nitroaniline	1330	167	"	1670		79.6	10-208		4.21	30	
Nitrobenzene	1360	167	"	1670		81.7	28-118		5.55	30	
4-Nitrophenol	1790	167	"	1670		108	10-185		0.653	30	
2-Nitrophenol	1240	167	"	1670		74.2	23-129		6.34	30	
N-nitroso-di-n-propylamine	1360	167	"	1670		81.6	21-136		9.44	30	
N-Nitrosodimethylamine	1430	167	"	1670		85.6	10-131		0.163	30	
N-Nitrosodiphenylamine	1360	167	"	1670		81.5	36-163		12.8	30	
Pentachlorophenol	1800	167	"	1670		108	15-182		3.67	30	
Phenanthrene	1260	167	"	1670		75.5	37-132		9.92	30	
Phenol	1240	167	"	1670		74.6	28-124		8.30	30	
Pyrene	1520	167	"	1670		91.0	30-147		10.6	30	
Pyridine	1400	167	"	1670		84.2	10-113		2.93	30	
1,2,4-Trichlorobenzene	1220	167	"	1670		73.1	22-129		5.92	30	
2,4,5-Trichlorophenol	1310	167	"	1670		78.6	34-126		5.40	30	
2,4,6-Trichlorophenol	1240	167	"	1670		74.5	36-130		4.08	30	
Surrogate: 2,4,6-Tribromophenol	2750		"	2500		110	10-142				
Surrogate: 2-Fluorobiphenyl	1630		"	1670		98.0	10-111				
Surrogate: 2-Fluorophenol	2230		"	2500		89.0	10-109				
Surrogate: Nitrobenzene-d5	1890		"	1670		113	10-148				
Surrogate: Phenol-d5	2290		"	2500		91.5	10-124				
Surrogate: Terphenyl-d14	1980		"	1670		119	10-147				

Matrix Spike (BH30763-MS1)

\*Source sample: 13H0597-03 (EP-3)

Prepared & Analyzed: 08/16/2013

Acenaphthene	1560	175	ug/kg dry	1750	ND	89.4	10-143				
Acenaphthylene	1480	175	"	1750	ND	84.5	10-137				
Aniline	1460	175	"	1750	ND	83.4	10-154				
Anthracene	1740	175	"	1750	ND	99.6	18-140				
Benzo(a)anthracene	2150	175	"	1750	143	115	10-154				
Benzo(a)pyrene	2270	175	"	1750	167	121	12-172				
Benzo(b)fluoranthene	2530	175	"	1750	133	137	18-163				
Benzo(g,h,i)perylene	1420	175	"	1750	88.4	76.4	10-158				
Benzyl alcohol	1690	175	"	1750	ND	96.8	10-136				
Benzo(k)fluoranthene	1580	175	"	1750	153	81.8	14-157				
Benzyl butyl phthalate	1900	175	"	1750	ND	109	10-152				
4-Bromophenyl phenyl ether	1870	175	"	1750	ND	107	11-146				
4-Chloro-3-methylphenol	1950	175	"	1750	ND	111	10-156				
4-Chloroaniline	1810	175	"	1750	ND	104	10-168				
Bis(2-chloroethoxy)methane	1620	175	"	1750	ND	92.7	10-135				
Bis(2-chloroethyl)ether	1610	175	"	1750	ND	92.0	10-127				
Bis(2-chloroisopropyl)ether	1590	175	"	1750	ND	91.1	10-142				
Bis(2-ethylhexyl)phthalate	1720	175	"	1750	ND	98.6	22-144				
2-Chloronaphthalene	1470	175	"	1750	ND	84.2	12-129				
2-Chlorophenol	1460	175	"	1750	ND	83.3	10-133				
4-Chlorophenyl phenyl ether	1610	175	"	1750	ND	92.3	13-138				
Chrysene	2180	175	"	1750	173	115	22-140				
Dibenzo(a,h)anthracene	1650	175	"	1750	ND	94.7	10-146				
Dibenzofuran	1560	175	"	1750	ND	89.1	15-136				
Di-n-butyl phthalate	1760	175	"	1750	ND	101	20-138				
1,2-Dichlorobenzene	1130	175	"	1750	ND	64.9	10-126				
1,4-Dichlorobenzene	1150	175	"	1750	ND	65.9	10-119				



Semivolatile Organic Compounds by EPA Method 8270C - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH30763 - EPA 3550B

Matrix Spike (BH30763-MS1)

\*Source sample: 13H0597-03 (EP-3)

Prepared & Analyzed: 08/16/2013

1,3-Dichlorobenzene	1110	175	ug/kg dry	1750	ND	63.4	10-120				
3,3'-Dichlorobenzidine	1200	349	"	1750	ND	68.7	10-154				
2,4-Dichlorophenol	1640	175	"	1750	ND	94.0	10-140				
Diethyl phthalate	1610	175	"	1750	ND	92.4	20-132				
2,4-Dimethylphenol	1600	175	"	1750	ND	91.4	10-130				
Dimethyl phthalate	1640	175	"	1750	ND	93.7	22-128				
4,6-Dinitro-2-methylphenol	1290	175	"	1750	ND	73.7	10-145				
2-Nitroaniline	1700	175	"	1750	ND	97.6	19-137				
2,4-Dinitrophenol	942	349	"	1750	ND	53.9	10-175				
2,6-Dinitrotoluene	1640	175	"	1750	ND	94.1	18-135				
2,4-Dinitrotoluene	1730	175	"	1750	ND	98.9	10-145				
Di-n-octyl phthalate	1780	175	"	1750	ND	102	10-177				
Fluoranthene	2190	175	"	1750	320	107	10-155				
Fluorene	1600	175	"	1750	ND	91.8	18-139				
Hexachlorobenzene	1700	175	"	1750	ND	97.5	16-150				
Hexachlorobutadiene	1460	175	"	1750	ND	83.8	10-135				
Hexachlorocyclopentadiene	1130	175	"	1750	ND	64.5	10-120				
Hexachloroethane	1160	175	"	1750	ND	66.6	10-115				
Indeno(1,2,3-cd)pyrene	1690	175	"	1750	77.9	92.5	10-158				
Isophorone	1810	175	"	1750	ND	104	10-136				
2-Methylnaphthalene	1540	175	"	1750	ND	88.0	10-143				
2-Methylphenol	1560	175	"	1750	ND	89.4	10-160				
3- & 4-Methylphenols	1510	175	"	1750	ND	86.6	10-130				
Naphthalene	1320	175	"	1750	ND	75.8	10-143				
3-Nitroaniline	1810	175	"	1750	ND	104	10-196				
4-Nitroaniline	1740	175	"	1750	ND	99.5	10-189				
Nitrobenzene	1640	175	"	1750	ND	93.9	10-146				
4-Nitrophenol	2530	175	"	1750	ND	145	10-180				
2-Nitrophenol	1520	175	"	1750	ND	86.8	10-148				
N-nitroso-di-n-propylamine	1690	175	"	1750	ND	96.9	10-150				
N-Nitrosodimethylamine	1440	175	"	1750	ND	82.4	10-131				
N-Nitrosodiphenylamine	1970	175	"	1750	ND	113	13-166				
Pentachlorophenol	2820	175	"	1750	ND	162	10-189				
Phenanthrene	1810	175	"	1750	188	93.1	12-151				
Phenol	1630	175	"	1750	ND	93.1	10-134				
Pyrene	2490	175	"	1750	317	124	10-156				
Pyridine	1450	175	"	1750	ND	83.2	10-112				
1,2,4-Trichlorobenzene	1390	175	"	1750	ND	79.6	10-127				
2,4,5-Trichlorophenol	1750	175	"	1750	ND	100	17-131				
2,4,6-Trichlorophenol	1690	175	"	1750	ND	97.0	10-144				
Surrogate: 2,4,6-Tribromophenol	3050		"	2620		116	10-142				
Surrogate: 2-Fluorobiphenyl	1140		"	1750		65.0	10-111				
Surrogate: 2-Fluorophenol	2040		"	2620		77.8	10-109				
Surrogate: Nitrobenzene-d5	1340		"	1750		76.6	10-148				
Surrogate: Phenol-d5	2120		"	2620		80.8	10-124				
Surrogate: Terphenyl-d14	1970		"	1750		113	10-147				



**Organochlorine Pesticides by EPA SW 846-8081 - Quality Control Data**

**York Analytical Laboratories, Inc.**

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

**Batch BH30765 - EPA 3550B**

**Blank (BH30765-BLK1)**

Prepared: 08/16/2013 Analyzed: 08/19/2013

Toxaphene	ND	16.7	ug/kg wet								
Methoxychlor	ND	1.65	"								
Heptachlor epoxide	ND	0.330	"								
Heptachlor	ND	0.330	"								
gamma-BHC (Lindane)	ND	0.330	"								
Endrin ketone	ND	0.330	"								
Endrin aldehyde	ND	0.330	"								
Endrin	ND	0.330	"								
Endosulfan sulfate	ND	0.330	"								
Endosulfan II	ND	0.330	"								
Endosulfan I	ND	0.330	"								
Dieldrin	ND	0.330	"								
delta-BHC	ND	0.330	"								
Chlordane, total	ND	1.32	"								
beta-BHC	ND	0.330	"								
alpha-BHC	ND	0.330	"								
Aldrin	ND	0.330	"								
4,4'-DDT	ND	0.330	"								
4,4'-DDE	ND	0.330	"								
4,4'-DDD	ND	0.330	"								
Aroclor 1260	ND	17.0	"								
Aroclor 1254	ND	17.0	"								
Aroclor 1248	ND	17.0	"								
Aroclor 1242	ND	17.0	"								
Aroclor 1232	ND	17.0	"								
Aroclor 1221	ND	17.0	"								
Aroclor 1016	ND	17.0	"								
Total PCBs	ND	17.0	"								
<i>Surrogate: Tetrachloro-m-xylene</i>	49.7		"	66.7		74.5	30-150				
<i>Surrogate: Decachlorobiphenyl</i>	50.5		"	67.0		75.4	30-150				



**Organochlorine Pesticides by EPA SW 846-8081 - Quality Control Data**

**York Analytical Laboratories, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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**Batch BH30765 - EPA 3550B**

**LCS (BH30765-BS1)**

Prepared: 08/16/2013 Analyzed: 08/19/2013

Methoxychlor	27.0	1.65	ug/kg wet	33.3		81.1	40-140				
Heptachlor epoxide	25.9	0.330	"	33.3		77.7	40-140				
Heptachlor	22.2	0.330	"	33.3		66.6	40-140				
gamma-BHC (Lindane)	27.2	0.330	"	33.3		81.5	40-140				
Endrin ketone	27.4	0.330	"	33.3		82.1	40-140				
Endrin aldehyde	28.4	0.330	"	33.3		85.3	40-140				
Endrin	26.0	0.330	"	33.3		78.0	40-140				
Endosulfan sulfate	18.8	0.330	"	33.3		56.3	40-140				
Endosulfan II	23.8	0.330	"	33.3		71.3	40-140				
Endosulfan I	26.8	0.330	"	33.3		80.4	40-140				
Dieldrin	27.1	0.330	"	33.3		81.2	40-140				
delta-BHC	28.0	0.330	"	33.3		84.0	40-140				
beta-BHC	26.7	0.330	"	33.3		80.1	40-140				
alpha-BHC	27.3	0.330	"	33.3		82.0	40-140				
Aldrin	26.5	0.330	"	33.3		79.5	40-140				
4,4'-DDT	32.5	0.330	"	33.3		97.4	40-140				
4,4'-DDE	25.6	0.330	"	33.3		76.9	40-140				
4,4'-DDD	31.6	0.330	"	33.3		94.8	40-140				
<i>Surrogate: Tetrachloro-m-xylene</i>	52.0		"	66.7		77.9	30-150				
<i>Surrogate: Decachlorobiphenyl</i>	54.1		"	67.0		80.7	30-150				

**LCS (BH30765-BS2)**

Prepared: 08/16/2013 Analyzed: 08/21/2013

Aroclor 1260	270	17.0	ug/kg wet	333		80.9	40-140				
Aroclor 1016	316	17.0	"	333		94.7	40-140				
<i>Surrogate: Tetrachloro-m-xylene</i>	46.3		"	66.7		69.5	30-150				
<i>Surrogate: Decachlorobiphenyl</i>	47.3		"	67.0		70.6	30-150				

**LCS Dup (BH30765-BS1)**

Prepared: 08/16/2013 Analyzed: 08/19/2013

Methoxychlor	28.8	1.65	ug/kg wet	33.3		86.5	40-140	6.43	200		
Heptachlor epoxide	26.5	0.330	"	33.3		79.5	40-140	2.24	200		
Heptachlor	22.7	0.330	"	33.3		68.1	40-140	2.13	200		
gamma-BHC (Lindane)	27.7	0.330	"	33.3		83.1	40-140	1.88	200		
Endrin ketone	28.0	0.330	"	33.3		84.0	40-140	2.30	200		
Endrin aldehyde	29.1	0.330	"	33.3		87.4	40-140	2.40	200		
Endrin	26.7	0.330	"	33.3		80.0	40-140	2.53	200		
Endosulfan sulfate	19.2	0.330	"	33.3		57.7	40-140	2.51	200		
Endosulfan II	24.4	0.330	"	33.3		73.2	40-140	2.60	200		
Endosulfan I	27.4	0.330	"	33.3		82.2	40-140	2.14	200		
Dieldrin	27.7	0.330	"	33.3		83.2	40-140	2.45	200		
delta-BHC	28.5	0.330	"	33.3		85.6	40-140	1.84	200		
beta-BHC	27.2	0.330	"	33.3		81.7	40-140	2.00	200		
alpha-BHC	27.8	0.330	"	33.3		83.4	40-140	1.71	200		
Aldrin	27.1	0.330	"	33.3		81.2	40-140	2.08	200		
4,4'-DDT	30.0	0.330	"	33.3		90.0	40-140	7.88	200		
4,4'-DDE	26.4	0.330	"	33.3		79.3	40-140	3.15	200		
4,4'-DDD	32.6	0.330	"	33.3		97.9	40-140	3.28	200		
<i>Surrogate: Tetrachloro-m-xylene</i>	52.7		"	66.7		79.1	30-150				
<i>Surrogate: Decachlorobiphenyl</i>	56.9		"	67.0		84.9	30-150				



**Organochlorine Pesticides by EPA SW 846-8081 - Quality Control Data**

**York Analytical Laboratories, Inc.**

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

**Batch BH30765 - EPA 3550B**

**Matrix Spike (BH30765-MS1)**      \*Source sample: 13H0597-01 (EP-1)      Prepared: 08/16/2013 Analyzed: 08/19/2013

Methoxychlor	28.8	8.87	ug/kg dry	35.8	ND	80.5	30-150				
Heptachlor epoxide	24.3	1.77	"	35.8	ND	67.8	30-150				
Heptachlor	25.3	1.77	"	35.8	ND	70.6	30-150				
gamma-BHC (Lindane)	26.5	1.77	"	35.8	ND	73.9	30-150				
Endrin ketone	24.7	1.77	"	35.8	ND	69.1	30-150				
Endrin aldehyde	24.7	1.77	"	35.8	ND	69.0	30-150				
Endrin	28.5	1.77	"	35.8	ND	79.6	30-150				
Endosulfan sulfate	24.9	1.77	"	35.8	ND	69.5	30-150				
Endosulfan II	24.7	1.77	"	35.8	ND	69.0	30-150				
Endosulfan I	25.2	1.77	"	35.8	ND	70.2	30-150				
Dieldrin	33.8	1.77	"	35.8	18.0	44.1	30-150				
delta-BHC	25.5	1.77	"	35.8	ND	71.1	30-150				
beta-BHC	25.8	1.77	"	35.8	ND	71.9	30-150				
alpha-BHC	25.5	1.77	"	35.8	ND	71.1	30-150				
Aldrin	31.7	1.77	"	35.8	18.5	37.0	30-150				
4,4'-DDT	27.3	1.77	"	35.8	ND	76.1	30-150				
4,4'-DDE	20.8	1.77	"	35.8	ND	58.2	30-150				
4,4'-DDD	26.2	1.77	"	35.8	ND	73.2	30-150				
<i>Surrogate: Tetrachloro-m-xylene</i>	54.5		"	71.7		76.1	30-150				
<i>Surrogate: Decachlorobiphenyl</i>	49.4		"	72.0		68.6	30-150				



**Metals by EPA 6000 Series Methods - Quality Control Data**

**York Analytical Laboratories, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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**Batch BH30771 - EPA 3050B**

**Blank (BH30771-BLK1)**

Prepared & Analyzed: 08/16/2013

Aluminum	ND	1.00	mg/kg wet								
Antimony	ND	0.500	"								
Arsenic	ND	1.00	"								
Barium	ND	1.00	"								
Beryllium	ND	0.100	"								
Cadmium	ND	0.300	"								
Calcium	ND	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.500	"								
Copper	ND	0.500	"								
Iron	ND	2.00	"								
Lead	ND	0.300	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	0.500	"								
Potassium	ND	5.00	"								
Selenium	ND	1.00	"								
Silver	ND	0.500	"								
Sodium	13.7	10.0	"								
Thallium	ND	1.00	"								
Vanadium	ND	1.00	"								
Zinc	ND	1.00	"								

**Reference (BH30771-SRM1)**

Prepared & Analyzed: 08/16/2013

Aluminum	8870	1.00	mg/kg wet	9060		97.9	42.6-157				
Antimony	100	0.500	"	106		94.7	23.1-256				
Arsenic	174	1.00	"	182		95.5	70.9-130				
Barium	139	1.00	"	143		96.9	72.7-128				
Beryllium	92.8	0.100	"	98.3		94.4	74.6-125				
Cadmium	53.0	0.300	"	60.4		87.8	73.2-129				
Calcium	5510	5.00	"	6040		91.3	73.7-126				
Chromium	113	0.500	"	125		90.8	69.8-130				
Cobalt	154	0.500	"	163		94.6	74.2-125				
Copper	79.6	0.500	"	80.1		99.4	73.7-130				
Iron	12500	2.00	"	12900		97.1	32.3-168				
Lead	125	0.300	"	136		91.9	73.1-127				
Magnesium	2550	5.00	"	2640		96.4	64-136				
Manganese	268	0.500	"	279		96.0	74.2-126				
Nickel	128	0.500	"	128		100	73.1-130				
Potassium	2640	5.00	"	2820		93.5	62.1-138				
Selenium	84.3	1.00	"	85.9		98.1	63.9-136				
Silver	53.8	0.500	"	61.3		87.8	66.9-133				
Sodium	568	10.0	"	439		129	48.3-152				
Thallium	133	1.00	"	144		92.3	68.3-132				
Vanadium	98.0	1.00	"	104		94.3	66-134				
Zinc	184	1.00	"	204		90.2	69.6-133				



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

**York Analytical Laboratories, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
<b>Batch BH30789 - EPA 7473 soil</b>											
<b>Blank (BH30789-BLK1)</b>											
								Prepared & Analyzed: 08/16/2013			
Mercury	ND	0.000800	mg/kg wet								
<b>Reference (BH30789-SRM1)</b>											
								Prepared & Analyzed: 08/16/2013			
Mercury	3.20		mg/kg	3.73		85.9	68.6-131				



**Wet Chemistry Parameters - Quality Control Data**  
**York Analytical Laboratories, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
<b>Batch BH30907 - EPA SW846-3060</b>											
<b>Blank (BH30907-BLK1)</b>											
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Prepared: 08/19/2013 Analyzed: 08/20/2013											
<b>Reference (BH30907-SRM1)</b>											
Chromium, Hexavalent	56.8		mg/L	76.7		74.1	20.2-180				
Prepared: 08/19/2013 Analyzed: 08/20/2013											



## Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
13H0597-01	EP-1	8 oz. WM Clear Glass Cool to 4° C
13H0597-02	EP-2	8 oz. WM Clear Glass Cool to 4° C
13H0597-03	EP-3	8 oz. WM Clear Glass Cool to 4° C
13H0597-04	EP-4	8 oz. WM Clear Glass Cool to 4° C
13H0597-05	EP-5	8 oz. WM Clear Glass Cool to 4° C

### Notes and Definitions

- S-GC Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
- S-AC Acid surrogate recovery outside of control limits. The data was accepted based on valid recovery of remaining two acid surrogates.
- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- M-LSRD Original sample conc <50 X reporting limit.
- M-DB Analyte in Method Blank >MDL. Sample conc. >10 X blank conc.
- J Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
- B Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

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

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



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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

# Field Chain-of-Custody Record

Page      of     

York Project No. 13H0597

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

<b>YOUR INFORMATION</b> Company: Hydro Tech Env. Corp. Address: 15 Ocean Ave, 2nd Fl, Brooklyn, NY Phone No. 718-636-0800 Contact Person: Ergi Karayel E-Mail Address: ekarayel@htecorp.info		<b>Report To:</b> Company: <u>    </u> Address: <u>    </u> Phone No. <u>    </u> Attention: <u>    </u> E-Mail Address: <u>    </u>		<b>Invoice To:</b> Company: <u>    </u> Address: 77 Arkay Dr, Ste G, Haysville, NY Phone No. 631-462-5866 Attention: <u>    </u> E-Mail Address: <u>    </u>		<b>YOUR PROJECT ID</b> #130171-1309 38th Street, Brooklyn <b>Purchase Order No.</b> 5981		<b>Turn-Around Time</b> RUSH - Same Day <input type="checkbox"/> RUSH - Next Day <input type="checkbox"/> RUSH - Two Day <input type="checkbox"/> RUSH - Three Day <input type="checkbox"/> RUSH - Four Day <input type="checkbox"/> Standard(5-7 Days) <input checked="" type="checkbox"/>		<b>Report Type</b> Summary Report Summary w/ QA Summary CT RCP Package CT RCP DQ/DUE Pkg NY ASP A Package NY ASP B Package NIDEP Red. Deliv. <i>Electronic Data Deliverables (EDD)</i> Simple Excel NYSDEC EQaUs EQaUs (std) EZ-EDD (EQaUs) NIDEP SRP HazSite EDD GIS/KEY (std) Other York Regulatory Comparison Excel Spreadsheet Compare to the following Regs. (please fill in):			
<b>Matrix Codes</b> S - soil Other - specify (oil, etc) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor		<b>Volatiles</b> 8260 full 624 STARS list BTEX MTBE TCL list TAGM list CT RCP list Arom. only Halog only App.IX list 8021B list		<b>Semi-Vols.</b> 8270 or 625 STARS list BN Only Acids Only PAH list TAGM list CT RCP list TCL list NIDEP list App. IX TCLP BNA SPLP or TCLP		<b>Metals</b> RCRA8 PP13 list TAL CT15 list TAGM list NIDEP list Total Dissolved SPLP or TCLP Ind. Metals LIST Below		<b>Misc. Org.</b> TPH GRO TPH DRO CT ETPH NY 310-13 TPH 1664 Air TO14A Air TO15 Air STARS Air VPH Air TICs Methane Helium		<b>Full Lists</b> Pri.Poll. TCL Organics TAL MetCN Full TCLP Full App. IX Part.360-Routine Part.360-BestPr Part.360-Contam Part.360-Extrac NYDEP Sewer NYSDDEC TAGM Silica		<b>Misc.</b> Corrosivity Reactivity Ignitability Flash Point Sieve Anal. Heterotrophs TOX BTU/lb. Aquatic Tox. TOC Asbestos	

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

*E. Karayel*  
 Samples Collected/Authorized By (Signature)  
 Ergi Karayel  
 Name (printed)

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
EP-1	8/14/13	S	8260, 8270, 8081 / 8082, TAL Metals, Chromiums	4 vials x 1-8oz jar
EP-2				
EP-3				
EP-4				
EP-5				

Temperature on Receipt 3.8 °C

Samples Relinquished By K. Bala Date/Time 8/15/13 9AM  
 Samples Relinquished By Erge Date/Time 8-15-13 1700

4°C  Frozen  HCl  MeOH  NaOH   
 HNO<sub>3</sub>  H<sub>2</sub>SO<sub>4</sub>  Other

Comments: "E" designation project

Appendix 15: Various OER correspondences

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**1309-1321 38TH STREET BROOKLYN, NEW YORK**

**Remedial Action Report**

**APRIL 2015**

## Ezgi Karayel

---

**From:** Chawla, Shaminder <ShaminderC@dep.nyc.gov>  
**Sent:** Tuesday, July 30, 2013 10:42 PM  
**To:** Ezgi Karayel  
**Subject:** RE: 1309 38th Street

**Importance:** High

Ezgi:  
I have no problems with this design change as long as your PE is ok on this.  
Let's discuss in morning.  
shaminder

---

**From:** Ezgi Karayel [ekarayel@hydrotechenvironmental.com]  
**Sent:** Tuesday, July 30, 2013 10:30 AM  
**To:** Chawla, Shaminder  
**Subject:** 1309 38th Street

Hi Shaminder,

Can they use regular 4" pipes covered in fiber for the SSDS instead of SCH 80 PVC pipes? The initial design calls for PVC pipes but they want to know if they can use regular black 4" bendable pipes? I need your approval to let them know to go a head.

Thanks,  
Ezgi

## Ezgi Karayel

---

**From:** Chawla, Shaminder <ShaminderC@dep.nyc.gov>  
**Sent:** Monday, August 12, 2013 11:30 AM  
**To:** Ezgi Karayel  
**Subject:** RE: New York Sand & Stone

This is acceptable.  
Shaminder

---

**From:** Ezgi Karayel [<mailto:ekarayel@hydrotechenvironmental.com>]  
**Sent:** Monday, August 12, 2013 11:00 AM  
**To:** Chawla, Shaminder  
**Subject:** Fwd: New York Sand & Stone

Hi Shaminder,

attached is the revised letter. The sand is mined and processed. They will import it tomorrow.

Ezgi

Begin forwarded message:

**From:** "Jodi-Ann Williams" <[JWilliams@nysandstone.com](mailto:JWilliams@nysandstone.com)>  
**To:** "Ezgi Karayel" <[ekarayel@hydrotechenvironmental.com](mailto:ekarayel@hydrotechenvironmental.com)>  
**Subject:** RE: New York Sand & Stone

See attached.

Best,

Jodi-Ann Williams  
Sales & Marketing Assistant  
NEW YORK SAND & STONE LLC  
(718)-596-2897 Office  
(718)-624-3363 Fax

On Aug 2, 2013, at 9:48 AM, "Jodi-Ann Williams" <[JWilliams@nysandstone.com](mailto:JWilliams@nysandstone.com)> wrote:

Good Morning,

Please see the attached.

Best,

Jodi-Ann Williams

Sales & Marketing Assistant  
NEW YORK SAND & STONE LLC  
(718)-596-2897 Office  
(718)-624-3363 Fax  
[www.nysandstone.com](http://www.nysandstone.com)

<SAND TEST PART 1 B0001.pdf>

Appendix 16: Architect's development letter

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**1309-1321 38TH STREET BROOKLYN, NEW YORK**

**Remedial Action Report**

**APRIL 2015**

December 04, 2014

RE: 1309-1321 38 Street  
Brooklyn, NY  
Block & Lot: 5300-70,72,74

**To Whom It May Concern:**

1309 38th. Street is a 140'x 152' property in Borough Park section of Brooklyn, NY. The proposed project consists of seven (7) three story buildings with cellars and penthouses.

The Site measures approximately 21,300 square feet of which 12,460 square feet are covered by the buildings.

Each building has three apartments.

The space will be utilized as follows:

**Cellar:** - Two thirds of the Cellar is used in conjunction with the First floor apartment;  
- Remainder of the Cellar is used as a common storage area for the residents.

**First Floor:** - Entrance Lobby;  
- One Duplex apartment in conjunction with Cellar;

**Second Floor:** - One apartment only;

**Third Floor:** - One duplex apartment in conjunction with the Penthouse.

**Penthouse:** - Part of third floor duplex apartment.

Each Building has;

- Sit on footings carried to a depth of 7 feet below grade,
- A 15 feet front yard/ set back.
- The first 30 feet of back yards, adjacent to the buildings, have been dug down to the level of cellar and topped of with 4" of concrete slab.
- Last 26' feet of back yard is being maintained at its original elevation and topped with 4" of concrete slab.

A total of 4000 cubic yards of soil have been removed and no back fill was required.

Should you have any questions, please do not hesitate to call.

Sincerely,

Asif Jamil



**A S I F J A M I L . R A . A R C H I T E C T**  
18 JOHN ST. STE 808. NYC. NY 10038. TEL: 917/309-6643. FAX: 233-5682. EMAIL: RAHDITOLYTE@AOL.COM

The area of the Site that utilizes recontamination controls under this plan is 21,300 square feet, as no parts of the Subject Property are open to native soils found onsite.

**Paperless Brownfield Cleanup Program.** M&Y Developers, Inc. 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 ten pounds.

**Low-Energy Project Management Program.** M&Y Developers, Inc. 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 200 miles.