

37-10 CRESCENT STREET

QUEENS, NEW YORK

Remedial Action Report

NYC VCP Project Number 15CVCP057Q

OER Project Number 15EHAZ057Q

Prepared For:

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REMEDIAL ACTION REPORT

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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, Reza Sharif, certify to the following:

- I 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 37-10 Crescent Street site, site number 15CVCP057Q.
- 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; (2) are accurately reflected in the text and drawings for as-built design reported in this Remedial Action Report; and (3) will achieve the goal of the Remedial Action Work Plan to prevent soil vapor intrusion and provide protection of public health for the occupants of the building.
- The OER-approved Remedial Action Work Plan dated December 2014 and Stipulations in a letter dated January 5, 2015 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.

Name

REZA SHARIF

PE License Number

074803

Signature



Date

3-1-16



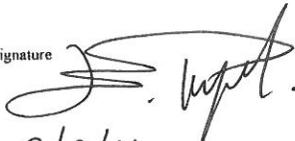
I, Ezgi Karayel, am a Qualified Environmental Professional. I had primary direct responsibility for implementation of the remedial program for the 37-10 Crescent Street site, site number 15CVCP057Q. I certify to the following:

- The OER-approved Remedial Action Work Plan dated December 2014 and Stipulations in a letter dated January 5, 2015 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.

QEP Name

EZGI KARAYEL

QEP Signature



Date

3/9/16

EXECUTIVE SUMMARY

37-10 Crescent Street Owner, LLC has enrolled in the New York City Voluntary Cleanup Program (NYC VCP) to investigate and remediate a property located at 37-10 Crescent Street in the Long Island City section of Queens, New York. A Remedial Investigation (RI) was performed to compile and evaluate data and information necessary to develop a Remedial Action Work Plan (RAWP). A remedial action was performed pursuant to an OER-approved RAWP in a manner that has rendered the Site protective of public health and the environment consistent with the proposed use of the property. This RAR describes the remedial action performed under the RAWP. The remedial action described in this document provides for the protection of public health and the environment, complies with applicable environmental standards, criteria and guidance and applicable laws and regulations.

Site Location and Background

The Site is located at 37-10 Crescent Street in the Long Island City section of Queens, New York and is identified as Block 367 and Lot 27 on the New York City Tax Map. Figure 1 shows the Site location. The Site is 18,300-square feet and is bounded by a 6-story building currently under construction and a warehouse occupied by a commercial supply company to the north, an open parking lot to the south, a 2-story and a 7-story commercial buildings to the east, and a machine shop and commercial facility to the west. A map of the site boundary is shown in Figure 2.

Prior to the redevelopment, the Site was used for parking and offices for a limousine company and contained a single story warehouse which occupied the entire site footprint. The on-Site building did not have a basement.

Summary of Redevelopment Plan

The use of the Site consists of a 7-story residential and manufacturing mixed-use building with a full basement. The first floor consists of manufacturing space. Floors 2

through 6 consist of residential apartments with a community space on the 7th floor. The basement is utilized as a parking garage, mechanical room and boiler room.

The foundations of the building are spread footings. The new building footprint covers the entire Site lot. For the construction of the basement, the entire Site was excavated to a depth of 12 feet below grade surface (bgs) and to a depth of 14 feet bgs at some locations for installation of footings. Therefore, 13,250 tons of soil was removed during excavation. The current zoning designation is M1-2/R6A denoting it as mixed use manufacturing and residential. The use is consistent with existing zoning for the property. The current development plan is shown in Figure 3.

Summary of Surrounding Property

The Site is located within a primarily mixed use residential, commercial, and manufacturing area of Queens, New York. The Site is bounded by a 6-story building currently under construction and a warehouse occupied by a commercial supply company to the north, an open parking lot to the south, a 2-story and a 7-story commercial buildings to the east, and a machine shop and commercial facility to the west.

P.S 112 Dutch Kills is located approximately 180 feet to the northeast of the Site at 25-05 37th Ave, Long Island City, NY 11101. I.S. 204 Oliver W Holmes is located approximately 500 feet to the east of the Site at 36-41 28th Street, Long Island City, NY 11106. There are no hospitals or day care facilities within 500 feet of the Site. Figure 2 shows the surrounding land usage.

Summary of Past Site Uses of Site and Areas of Concern

Based upon the review of the Phase I Environmental Site Assessment (ESA) Report prepared by Athenica in April 2014, a Site history was established. The Site consists of an 18,300 square-foot lot that was most recently developed with a 1-story warehouse fronting Crescent Street. The Site was listed as a bowling alley from its build date, circa 1958 until approximately 1970. From 1970 until at least 2006 the Site was designated as a manufacturing facility occupied by Continental Gourmet Company and Holfia Company Inc. until 1991. In 1991, the Site was listed as occupied by L&H Vitamins Inc. and in 2005 by Commonwealth Worldwide. Prior to redevelopment, the Site was occupied by a limousine company since 2013.

The AOCs identified for this site include:

1. Presence of urban fill from grade to approximately 2 to 4 feet bgs throughout the Site.
2. Presence of lead hotspot in the southwestern corner of the Site.

Summary of the Work Performed under the Remedial Investigation

The scope of work implemented in August of 2014 by Athenica included:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Installed eight (8) soil borings across the entire project Site, and collected seventeen (17) soil samples for chemical analysis from the soil borings to evaluate soil quality;
3. Installed three (3) groundwater monitoring wells throughout the Site to establish groundwater flow and collected three groundwater samples for chemical analysis to evaluate groundwater quality; and
4. Installed five (5) soil vapor probes across the entire project Site and collected five (5) samples for chemical analysis.

Summary of Findings of Remedial Investigation

1. Elevation of the property ranges from 35 to 37 feet.
2. Depth to groundwater ranges from 28.71 to 29.61 feet bgs at the Site.
3. Groundwater flow is generally west to southwest beneath the Site.
4. Bedrock was not encountered during the investigation.
5. The stratigraphy of the site, from the surface, consisted of approximately 2 to 4 feet of historic fill underlain by 8 to 10 feet of fine to coarse sand with pebbles.
6. Soil/fill samples results were compared to NYSDEC Unrestricted Use Soil Cleanup Objectives and Restricted Residential Soil Cleanup Objectives as

- presented in 6NYCRR Part 375-6.8 and CP51. Soil/fill samples collected during the RI showed trace concentrations of several VOCs with acetone (max of 0.18 mg/kg) exceeding Unrestricted Use SCOs. Trace concentrations of Tetrachloroethylene (maximum of 0.013 mg/Kg) was detected in five samples. Several SVOCs consisting of Polycyclic Aromatic Hydrocarbons (PAHs) were detected with benz(a)anthracene (max of 1.48 mg/kg) and chrysene (max of 2.18 mg/kg) exceeding Unrestricted Use SCOs in one shallow sample. One pesticide, 4,4'-DDT (max of 0.00768 mg/kg) exceeded Unrestricted Use SCOs in two samples. Total PCBs exceeded Unrestricted Use SCOs at a concentration of 0.171 mg/kg in one soil sample. Several metals including barium (max of 447 mg/kg), copper (max of 76.3 mg/kg), lead (max of 1460 mg/kg), and zinc (max of 1460 mg/kg) exceeded Unrestricted Use SCOs. Of these metals, barium and lead also exceeded Restricted Residential Use in one deep sample. Overall, the findings were consistent with observations for historic fill sites in areas throughout NYC.
7. Groundwater samples results were compared to New York State 6NYCRR Part 703.5 Class GA groundwater quality standards (GQS). Groundwater samples collected during the investigations showed no PCBs or pesticides in any sample. Trace concentrations of both VOCs and SVOCs were detected, but none exceeded their GQS. PCE (max of 4.4 µg/L) and TCE (max of 0.43 µg/L) were detected in groundwater below their respective GQS. Several metals were identified in groundwater but only antimony (max of 5 µg/L), magnesium (max of 36,600 µg/L), manganese (max of 3,080 µg/L), and sodium (max of 146,000 µg/L) exceeded their respective GQS.
 8. Soil vapor results collected during the RI were compared to the compounds listed in Table 3.1 Air Guideline Values Derived by the NYSDOH located in the New York State Department of Health (NYSDOH) Final Guidance for Evaluating Soil Vapor Intrusion dated October 2006. Soil vapor samples collected during the RI showed high levels of petroleum-related and chlorinated VOCs. Total concentrations of petroleum-related VOCs (BTEX) ranged from 106.5 µg/m³ to 126.9 µg/m³. Chlorinated VOCs tetrachloroethylene (PCE) was detected in all

soil vapor samples ranging from 85 to 370 $\mu\text{g}/\text{m}^3$, trichloroethylene (TCE) was detected in four samples at a maximum concentration of 27 $\mu\text{g}/\text{m}^3$, and 1,1,1-trichloroethane (TCA) was detected in two soil vapor samples at a maximum concentration of 27 $\mu\text{g}/\text{m}^3$. Carbon tetrachloride was not detected in any sample. Concentrations for PCE and TCE were above the monitoring level ranges established within the State DOH soil vapor guidance matrix.

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 July 30, 2014. A Remedial Investigation (RI) was performed in August 2014. 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 December 19, 2014 for a 30-day public comment period. The RAWP and Stipulation List dated January 5, 2015 was approved by the New York City Office of Environmental Remediation (OER) on February 10, 2015. A Pre-Construction Meeting was held on May 11, 2015. A Fact Sheet providing notice of the start of the remedial action was issued on May 2015. The remedial action began in July 2015 and completed in January 2016.

The remedial action consisted of the following tasks:

1. Prepared a Community Protection Statement and implemented a Citizen Participation Plan.
2. Performed a Community Air Monitoring Program for particulates and volatile organic carbon compounds.
3. Established Track 1 Soil Cleanup Objectives (SCO's).

4. The following excavations were performed: soil was removed to a depth of 12 feet from grade beneath the entire site. A total 13,250 tons of soil/fill was excavated and removed from the property. Approximately 380 tons of the total quantity removed was lead contaminated soil (defined as a hotspot), which was removed from the northwest corner of the Site.
5. Excavated 4,902.70 tons (including 380 tons of fill defined as a lead hotspot) of non-hazardous soil/fill and transported to Impact- Former NJ Zinc Facility in Palmerton, PA; excavated 2,520 tons of clean native soil and transported to West Hampton Associates Facility in Suffolk County, NY; and excavated 5,827 tons of clean native soil and transported to Seaside Park Construction Site in Brooklyn utilizing the NYC Clean Soil Bank.
6. Collected and analyzed end-point samples to determine attainment of SCOs. Track 1 SCO's were achieved.
7. As part of development, constructed an engineered Composite Cover System consisting of 5 inches of concrete slab underlain by compacted soil. The contractor for the Cover System construction was Abacus Building Innovations.
8. As part of development, installed a Vapor Barrier System that consisted of 20-mil thick Vapor Block Plus manufactured by Raven Industries. The vapor barrier was installed beneath the footings, entire building slab and behind the foundation walls. The seams and penetrations were sealed according to the manufacturer's specifications with Raven Butyl Seal tape after overlapping the membrane minimum of 12 inches. The contractor for the Vapor Barrier System construction was Abacus Building Innovations.
9. As part of new development, constructed a ventilated parking garage as per NYC Building Department's codes and requirements.
10. Performed all activities required for the Remedial Action, including permitting requirements and pretreatment requirements, in compliance with applicable laws and regulations.
11. Mobilized site security, equipment, utility mark outs and marking & staking excavation areas.

12. Screened excavated soil/fill during intrusive work for indications of contamination by visual means, odor, and monitoring with a PID.
13. 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.
14. Implemented storm-water pollution prevention measures in compliance with applicable laws and regulations.
15. Submitted a Sustainability Report.
16. Submitted an RAR that describes the Remedial Action; certifies that the remedial requirements defined in the RAWP have been achieved; defines the Site boundaries; and lists any changes from the RAWP.

REMEDIAL ACTION REPORT

1.0 SITE BACKGROUND

37-10 Crescent Street Owner, LLC has enrolled in the New York City Voluntary Cleanup Program (NYC VCP) to investigate and remediate a property located at 37-10 Crescent Street in Long Island City section of Queens, New York. The boundary of the property subject to this Remedial Action is shown in Figure 1 and include, in their entirety, Queens Block 367 and Lot 27. 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 37-10 Crescent Street in the Long Island City section of Queens, New York and is identified as Block 367 and Lot 27 on the New York City Tax Map. Figure 1 shows the Site location. The Site is 18,300-square feet and is bounded by a 6-story building currently under construction and a warehouse occupied by a commercial supply company to the north, an open parking lot to the south, a 2-story and a 7-story commercial buildings to the east, and a machine shop and commercial facility to the west. A map of the site boundary is shown in Figure 2. Formerly, the Site was used for parking and offices for a limousine company and contained a single story warehouse occupying the entire site footprint. The existing on-Site building does not have a basement.

1.2 REDEVELOPMENT PLAN

The use of the Site consists of a 7-story residential and manufacturing mixed-use building with a full basement. The first floor consists of manufacturing space. Floors 2 through 6 consist of residential apartments with a community space on the 7th floor.

The basement is utilized as a parking garage, mechanical room and boiler room. The foundations of the building are spread footings with slab on grade. The new building footprint covers the entire Site lot. For the construction of the basement, the Site was excavated to a depth of approximately 12 feet below grade surface (bgs) and to a depth of 14 feet bgs at some locations for installation of footings. Therefore, 13,250 tons of soil was removed during excavation. The current zoning designation is M1-2/R6A denoting it as mixed use manufacturing and residential. The use is consistent with existing zoning for the property.

1.3 DESCRIPTION OF SURROUNDING PROPERTY

The Site is located within a primarily mixed use residential, commercial, and manufacturing area of Queens, New York. The Site is bounded by a 6-story building currently under construction and a warehouse occupied by a commercial supply company to the north, an open parking lot to the south, a 2-story and 7-story commercial buildings to the east, and a machine shop and commercial facility to the west.

P.S 112 Dutch Kills is located approximately 180 feet to the northeast of the Site at 25-05 37th Ave, Long Island City, NY 11101. I.S. 204 Oliver W Holmes is located approximately 500 feet to the east of the Site at 36-41 28th Street, Long Island City, NY 11106. There are no hospitals or day care facilities within 500 feet of the Site. Figure 2 shows the surrounding land usage.

1.4 SUMMARY OF PAST SITE USES AND AREAS OF CONCERN

Based upon the review of the Phase I Environmental Site Assessment (ESA) Report prepared by Athenica in April 2014, a Site history was established. The Site consists of an 18,300 square-foot lot that was most recently developed with a 1-story warehouse fronting Crescent Street. The Site was listed as a bowling alley from its build date, circa 1958 until approximately 1970. From 1970 until at least 2006 the Site was designated as a manufacturing facility occupied by Continental Gourmet Company and Holfia Company Inc until 1991. In 1991, the Site was listed as occupied by L&H Vitamins Inc. and in 2005 by Commonwealth Worldwide. Prior to redevelopment, the Site was occupied by a limousine company since 2013.

The AOCs identified for this site include:

1. Presence of urban fill from grade to approximately 2 to 4 feet bgs throughout the Site.
2. Presence of lead hotspot in the southwestern corner of the Site.

1.5 SUMMARY OF WORK PERFORMED UNDER THE REMEDIAL INVESTIGATION

The scope of work implemented in August of 2014 by Athenica included:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Installed eight (8) soil borings across the entire project Site, and collected seventeen (17) soil samples for chemical analysis from the soil borings to evaluate soil quality;
3. Installed three (3) groundwater monitoring wells throughout the Site to establish groundwater flow and collected three groundwater samples for chemical analysis to evaluate groundwater quality; and
4. Installed five (5) soil vapor probes across the entire project Site and collected five (5) samples for chemical analysis.

1.6 SUMMARY OF FINDINGS OF REMEDIAL INVESTIGATION

1. Elevation of the property ranges from 35 to 37 feet.
2. Depth to groundwater ranges from 28.71 to 29.61 feet bgs at the Site.
3. Groundwater flow is generally west to southwest beneath the Site.
4. Bedrock was not encountered during the investigation.
5. The stratigraphy of the site, from the surface, consisted of approximately 2 to 4 feet of historic fill underlain by 8 to 10 feet of fine to coarse sand with pebbles.
6. Soil/fill samples results were compared to NYSDEC Unrestricted Use Soil Cleanup Objectives and Restricted Residential Soil Cleanup Objectives as

- presented in 6NYCRR Part 375-6.8 and CP51. Soil/fill samples collected during the RI showed trace concentrations of several VOCs with acetone (max of 0.18 mg/kg) exceeding Unrestricted Use SCOs. Trace concentrations of tetrachloroethylene (maximum of 0.013 mg/Kg) was detected in five samples. Several SVOCs consisting of polycyclic aromatic hydrocarbons (PAHs) were detected with benz(a)anthracene (max of 1.48 mg/kg) and chrysene (max of 2.18 mg/kg) exceeding Unrestricted Use SCOs in one shallow sample. One pesticide, 4,4'-DDT (max of 0.00768 mg/kg) exceeded Unrestricted Use SCOs in two samples. Total PCBs exceeded Unrestricted Use SCOs at a concentration of 0.171 mg/kg in one soil sample. Several metals including barium (max of 447 mg/kg), copper (max of 76.3 mg/kg), lead (max of 1460 mg/kg), and zinc (max of 1460 mg/kg) exceeded Unrestricted Use SCOs. Of these metals, barium and lead also exceeded Restricted Residential Use in one deep sample. Overall, the findings were consistent with observations for historic fill sites in areas throughout NYC.
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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 July 30, 2014. A Remedial Investigation (RI) was performed in August 2014. 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 December 19, 2014 for a 30-day public comment period. The RAWP and Stipulation List dated January 5, 2015 was approved by the New York City Office of Environmental Remediation (OER) on February 10, 2015. A Pre-Construction Meeting was held on May 11, 2015. A Fact Sheet providing notice of the start of the remedial action was issued on May 2015. The remedial action began in July 2015 and completed in January 2016.

The remedial action consisted of the following tasks:

1. Prepared a Community Protection Statement and implemented a Citizen Participation Plan.
2. Performed a Community Air Monitoring Program for particulates and volatile organic carbon compounds.
3. Established Track 1 Soil Cleanup Objectives (SCO's).
4. The following excavations were performed: soil was removed to a depth of 12 feet from grade beneath the entire site. A total 13,250 tons of soil/fill was excavated and removed from the property. Approximately 380 tons of the total quantity removed was lead contaminated soil (defined as a hotspot), which was removed from the northwest corner of the Site.

5. Excavated 4,902.70 tons (including 380 tons of fill defined as a lead hotspot) of non-hazardous soil/fill and transported to Impact- Former NJ Zinc Facility in Palmerton, PA; excavated 2,520 tons of clean native soil and transported to West Hampton Associates Facility in Suffolk County, NY; and excavated 5,827 tons of clean native soil and transported to Seaside Park Construction Site in Brooklyn utilizing the NYC Clean Soil Bank. Excavated (500 cubic yards) 750 tons of clean soil and reused on Site to as backfill behind the foundation walls.
6. Collected and analyzed end-point samples to determine attainment of SCOs. Track 1 SCO's were achieved.
7. As part of development, constructed an engineered Composite Cover System consisting of 5 inches of concrete slab underlain by compacted soil. The contractor for the Cover System construction was Abacus Building Innovations.
8. As part of development, installed a Vapor Barrier System that consisted of 20-mil thick Vapor Block Plus manufactured by Raven Industries. The vapor barrier was installed beneath the footings, entire building slab and behind the foundation walls. The seams and penetrations were sealed according to the manufacturer's specifications with Raven Butyl Seal tape after overlapping the membrane minimum of 12 inches. The contractor for the Vapor Barrier System construction was Abacus Building Innovations.
9. As part of new development, constructed a ventilated parking garage as per NYC Building Department's codes and requirements.
10. Performed all activities required for the Remedial Action, including permitting requirements and pretreatment requirements, in compliance with applicable laws and regulations.
11. Mobilized site security, equipment, utility mark outs and marking & staking excavation areas.
12. Screened excavated soil/fill during intrusive work for indications of contamination by visual means, odor, and monitoring with a PID.
13. 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.

14. Implemented storm-water pollution prevention measures in compliance with applicable laws and regulations.
15. Submitted a Sustainability Report.
16. Submitted an RAR that describes the Remedial Action; certifies that the remedial requirements defined in the RAWP have been achieved; defines the Site boundaries; and lists any changes from the RAWP.

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 Beatriz Restrepo.

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 J.

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

There were two deviations from the Remedial Action Work Plan. These deviations are as follows:

- 1- The QEP who signed the Remedial Action Work Plan dated December 2014 was William Silveri. However the project was then assigned to Ezgi Karayel and remedial activities were overseen by her. She is the QEP certifying the Remedial Action Report.
- 2- The proposed vapor barrier system in the Remedial Action Work Plan dated December 2014 was of Geo-Seal® Triple-Layer System (2 chemical resistant layers and 1 spray applied core layer). However during the foundation work, the vapor barrier system was changed to Vapor Block Plus 20, manufactured by Raven Industries due to cost-related reasons. The vapor barrier was still installed beneath the new cellar slab and behind the foundation walls as proposed in the Remedial Action Work Plan therefore it provides the same protection as the previously proposed system. A compatibility letter from the manufacturer was obtained prior to installation. This deviation of the Vapor Barrier from the approved RAWP is protective of public health and the environment.

No other significant deviations from the Remedial Action Work Plan occurred during implementation of the Remedial Action Work Plan.

4.0 REMEDIAL PROGRAM

4.1 PROJECT ORGANIZATION

Principal personnel who participated in the remedial action include Ezgi Karayel (Senior Project Manager) and Ethan Rainey (Environmental Scientist). The Professional Engineer (PE) and Qualified Environmental Professionals (QEP) for this project are Reza Sharif, PE and Ezgi Karayel, respectively.

For the vapor barrier system installation, Reza Sharif, PE and Ezgi Karayel, QEP provided oversight. For the other components of the RAWP, Ezgi Karayel, the QEP, provided oversight.

4.2 SITE CONTROLS

Site Preparation

Site preparation was completed in accordance with the schedule indicated below:

- The building department issued a building permit for the Site on June 14, 2015;
- Fencing was installed at the Site by June, 2015;
- Erosion and sedimentation controls were established by June, 2015;
- Mobilization was conducted as necessary for each phase of work at the Site. Mobilization included 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 attended an orientation meeting to become familiar with the general operation of the Site, health and safety requirements, and field procedures. Mobilization at the Site occurred on July, 2015;
- The presence of utilities and easements on the Site was 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 were performed in compliance with applicable laws and regulations to assure safety. Utility companies and other responsible authorities were contacted to locate and mark the locations. Proper safety and

protective measures pertaining to utilities and easements, and compliance with all laws and regulations were employed during invasive and other work. The integrity and safety of on-Site and off-Site structures were maintained during all invasive, excavation or other remedial activity performed under the RAWP;

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

Soil Screening

Excavation activities began on July 17, 2015. All intrusive soil excavation activities were overseen by Athenica. In addition to extensive sampling and chemical testing of soils on the Site, excavated soil was screened continuously using hand-held instruments, and by sight to ensure proper material handling and management. No visual or olfactory evidence of a spill was observed during Site excavation.

Stockpile Management

The excavation of historic fill/soils was accomplished by directly loading the materials onto trucks for off-site disposal/reuse. Stockpiling was minimized and any soil stockpiles kept overnight were covered with 6-mil poly-sheeting to prevent dust and minimize odors. Large boulders and recognizable C&D were stockpiled for off-site disposal.

Truck Inspection

As necessary, outbound-trucks were inspected and cleaned prior to departing the Site to prevent any off-Site migrations of contamination. Cleaning of the adjacent streets was performed as needed.

Site Security

Site access was controlled through a gated entrance of the construction fence. The fence was locked with a chain and padlock during non-working hours/days.

Nuisance Controls

There were no complaints of odor at the Site. VOC levels and dust levels at the Site were not detected at concentrations warranting corrective action.

Reporting

Daily reports were prepared and submitted to OER for each day of activities involving soil disturbance and installation of engineering controls as part of new development. All

daily reports with digital photographs are included in Appendix C.

4.3 MATERIALS EXCAVATION AND REMOVAL

Soils and historic fill were excavated to a depth of approximately 12 feet below ground surface (bgs) throughout the Site and to a depth of 14 feet bgs at some locations for installation of footings. Other excavated materials included boulders, construction and demolition debris from former on-Site building floor slab and foundation. Approximately 4,902 tons of soils mixed with historic fill were excavated at a depth from grade level to 7 feet bgs throughout the entire Site. The 4,902 tons of soils mixed with historic fill, including approximately 380 tons of fill from a lead hotspot in the northwest corner of the Site, was disposed of at Impact Environmental Former NJ Zinc facility located at Palmerton, PA. Approximately 8,348 tons (5,565 cubic yards) of native soils for off-site reuse were excavated at a depth of 7 feet bgs to 12 feet bgs throughout the entire Site and 2,520 tons (approximately 1,680 cubic yards) was transferred to the West Hampton Associates in Suffolk County, NY and the remaining 5,827 tons (approximately 3,885 cubic yards) was transferred to a construction project located at 2201 Highland View Avenue, Brooklyn, NY (Seaside Park) as part of the OER Clean Soil Bank program (CSB# 16CCSB045). Additionally, approximately 750 tons (500 cubic yards) of clean soil was excavated and reused on Site to as backfill behind the foundation walls.

A map showing the location where excavations were performed is shown in Figure 5. A map showing the location where soils were reused is shown in Figure 6.

End Point Sample Results

Following the completion of excavation activities at the Site, end-point bottom soil samples were collected at six locations across the Site. The end-point soil samples were collected using a dedicated, disposal sampling scoop. Collected endpoint soil samples were containerized in laboratory provided glassware and placed in coolers. Samples were picked up by the laboratory on the same day as the collection date. They were preserved on ice in the coolers to maintain a temperature of 4°C. York Analytical Laboratories located at 120 Research Drive, Stratford, CT 06615 (New York State ELAP Certification No. 10854) was used for all end-point samples were analyzed for VOCs via EPA Method 8260, SVOCs via EPA Method 8270, TAL Metals by EPA Method 6010, PCBs and

Pesticides by EPA Method 8081/8082. Raw laboratory results are included in Appendix H.

A map of end-point sample locations is shown in Figure 4. A tabular summary of end-point sampling results compared to SCO's is shown in Table 1. Significant findings and results of the end-point soil sampling are as follows:

- The subsurface soils exhibited no field evidence of petroleum or solvent contamination (i.e. staining, odors).
- End-point soil sampling results indicate that soil conditions achieved the Track 1 Part 375 Unrestricted Use Soil Cleanup Objectives.

4.4 MATERIALS DISPOSAL

As indicated below, soils and fill were properly characterized for off-site disposal and/or re-use in accordance with the RAWP and/or specific requirements of the off-site disposal and/or reuse facilities. For characterization of soils and fill for off-site disposal, six test pits were excavated, and representative soil samples were collected from each test pit for laboratory analysis. A brief summary of the classification of soils and fill are summarized below.

- Results of waste classification sampling for historic fill/soils and native clean soils were sent to Impact Environmental, West Hampton Property Associates Facility and the NYC Clean Soil Bank for its review and approval at its disposal facilities.
- A letter from West Hampton Property Associates dated July 30th, 2015 indicated its approval to accept native clean soils from the Site for disposal at its Southampton facility.
- A letter from Impact Environmental dated July 30th, 2015 indicated its approval to accept approximately 11,000 cubic yards of regulated and PA Clean fill/soils at its former NJ Zinc facility in Palmerton, PA.
- In addition, native soils qualified for OER's Clean Soil Bank program and were utilized for off-site reuse at the construction project located at 2201

Highland View Avenue, Brooklyn, NY.

- Excavated material disposal occurred at the Site on July 31, August 3, 4, 5, 6, 7, 10, 11, 12, 13, 14, 17, 24, 25, 26, September 3, 4, 8, 16, 17, October 16, 21 and November 5 and 6 of 2015.
- The existing concrete slab was broken into pieces and loaded into containers for transport to Fasco Asphalt Paving Inc. located at 133 Old Northport Road, Kings Park, NY. A total of 1,800 tons of concrete, boulder, and construction and demolition debris was removed and transported to Fasco Asphalt Paving Inc.

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

Disposal Location/Address	Type of Material	Quantity
Impact – Former NJ Zinc Site 1120 Mauch Chunk Road, Palmerton, PA	Non-Hazardous Soil and Historic Fill	4,902.70 tons
West Hampton Property Associates facility in Suffolk County, NY	Clean Native Soil	1,680 cubic yards (2,520 tons)
NYC Clean Soil Bank CSB# 16CCSB045 Seaside Park (2201 Highland View Avenue, Brooklyn, NY)	Clean Native Soil in NYC Clean Soil Bank	3,885 cubic yards (5,827 tons)
Fasco Asphalt Paving Inc. 133 Old Northport Road, Kings Park, NY	Boulders, construction and demolition debris from former building slab and foundation	1,800 tons

Letters from 37-10 Crescent Street Owner, LLC to disposal facility providing

materials type, source and data, and acceptance letters from disposal facility stating it is approved to accept above materials are attached in Appendix E. Manifests are included in Appendix F. Characterization sample results are presented in Table 4.

4.5 BACKFILL IMPORT

Backfill was not imported during this project. Approximately 750 tons (500 cubic yards) of clean soil was excavated and reused on Site to as backfill behind the foundation walls as shown in Figure 6.

4.6 DEMARACTION

The remedial action achieved Track 1 SCOs, and therefore demarcation was not required.

5.0 ENGINEERING CONTROLS

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

- (1) Composite Cover System;
- (2) Vapor Barrier System.

Composite Cover System

An engineered Composite Cover System is comprised of a 5-inch thick concrete building slab and 5-inch sub-base consisting of compacted on site soil. The contractor for the Composite Cover System construction was Abacus Building Innovations.

Appendix I shows the as-built design for each remedial cover type used on this Site. Figure 7 shows the location of each cover type built at the Site. Photographs of construction of the Composite Cover System are included in Appendix D.

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 20-mil thick Vapor Block Plus manufactured by Raven Industries. The vapor barrier was installed beneath the footings, entire slab and vertically behind the foundation walls. The vapor barrier was installed as per the manufacturer's specifications and inspected by a Professional Engineer prior to any concrete pour. The seams and penetrations were also sealed as per the manufacturer's specifications with Raven Butyl Seal tape after overlapping the membrane minimum of 12 inches. The contractor made sure the surfaces were dry prior to sealing the membrane.

The professional engineer for the Vapor Barrier System was Reza Sharif. The contractor for the Vapor Barrier System construction was Abacus Building Innovations.

Appendix I shows the as-built design for the Vapor Barrier System used on this Site. Photographs of installation of the Vapor Barrier System are included in Appendix D. A copy of the certificate of warranty is included in Appendix K.

6.0 INSTITUTIONAL CONTROLS

A Track 1 Remedial Action was achieved in the Remedial Action and Engineering and Institutional Controls are not required.

7.0 SITE MANAGEMENT PLAN

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

8.0 SUSTAINABILITY REPORT

The Remedial Action Work Plan provided for sustainable remediation and redevelopment through a variety of means that are defined in this Sustainability Report.

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 reusing clean on-site soil. An estimate of the tonnage of non-renewable resources, the use of which was avoided under this plan, is 500 cubic yards (750 tons).

Conversion to Clean Fuels. Use of clean fuel improves NYC's air quality by reducing harmful emissions. Natural gas is utilized at the building.

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.

A vapor barrier at the Site functions as a recontamination control by eliminating the risk of future migration of off-site soil vapor contamination. The area of the Site that utilizes recontamination controls under this plan is 18,300 square feet.

Paperless Brownfield Cleanup Program. 37-10 Crescent Street Owner, LLC participated in OER's Paperless Brownfield Cleanup Program. Under this program, submission of electronic documents replaced submission of hard copies for the review of project documents, communications and milestone reports. A best estimate of the mass (pounds) of paper saved under this plan is 20 pounds.

Low-Energy Project Management Program. 37-10 Crescent Street Owner, LLC participated in OER's low-energy project management program. Under this program, whenever possible, meetings were held using remote communication technologies, such as videoconferencing and teleconferencing to reduce energy consumption and traffic

congestion associated with personal transportation. A gross estimate of the number of miles of personal transportation that was conserved in this process is 30 miles.

Trees and Plantings. Trees and other plantings provide habitat and add to NYC's environmental quality in a wide variety of ways. Native plant species and native habitat provide optimal support to local fauna, promote local biodiversity, and require less maintenance. The number of trees planted as part of this redevelopment is six.

TABLES

TABLE 1
END-POINT SAMPLING RESULTS SUMMARY

Table 1
 End-Point Soil Sampling Results
 Volatile Organic Compounds
 37-10 Crescent Street
 Queens, NY 11101

Sample ID	NYSDEC Part 375		EP-1		EP-2		EP-3		EP-4		EP-5		EP-6	
Lab Sample ID	Unrestricted Use	Restricted Use Soil	15K0613-01	15K0613-02	15K0613-03	15K0613-04	15L0345-01	15L0345-02						
Sampling Date	Soil Cleanup Objectives	Cleanup Objectives- Residential	11/17/2015	11/17/2015	11/17/2015	11/17/2015	12/8/2015	12/8/2015						
Sample Depth (Feet)			12'	12'	12'	12'	12'	12'						
Dilution Factor			1	1	1	1	1	1						
Unit of Measurement	(mg/Kg)	(mg/Kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg						
1,1,1,2-Tetrachloroethane	NC	NC	0.0023 ND	0.0025 ND	0.0024 ND	0.0026 ND	0.0022 ND	0.0024 ND						
1,1,1-Trichloroethane	0.68	100	0.0023 ND	0.0025 ND	0.0024 ND	0.0026 ND	0.0022 ND	0.0024 ND						
1,1,2,2-Tetrachloroethane	NC	NC	0.0023 ND	0.0025 ND	0.0024 ND	0.0026 ND	0.0022 ND	0.0024 ND						
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NC	NC	0.0023 ND	0.0025 ND	0.0024 ND	0.0026 ND	0.0022 ND	0.0024 ND						
1,1,2-Trichloroethane	NC	NC	0.0023 ND	0.0025 ND	0.0024 ND	0.0026 ND	0.0022 ND	0.0024 ND						
1,1-Dichloroethane	0.27	26	0.0023 ND	0.0025 ND	0.0024 ND	0.0026 ND	0.0022 ND	0.0024 ND						
1,1-Dichloroethylene	0.33	100	0.0023 ND	0.0025 ND	0.0024 ND	0.0026 ND	0.0022 ND	0.0024 ND						
1,2,3-Trichlorobenzene	NC	NC	0.0023 ND	0.0025 ND	0.0024 ND	0.0026 ND	0.0022 ND	0.0024 ND						
1,2,3-Trichloropropane	NC	NC	0.0023 ND	0.0025 ND	0.0024 ND	0.0026 ND	0.0022 ND	0.0024 ND						
1,2,4-Trichlorobenzene	NC	NC	0.0023 ND	0.0025 ND	0.0024 ND	0.0026 ND	0.0022 ND	0.0024 ND						
1,2,4-Trimethylbenzene	3.6	52	0.0023 ND	0.0025 ND	0.0024 ND	0.0026 ND	0.0022 ND	0.0024 ND						
1,2-Dibromo-3-chloropropane	NC	NC	0.0023 ND	0.0025 ND	0.0024 ND	0.0026 ND	0.0022 ND	0.0024 ND						
1,2-Dibromoethane	NC	NC	0.0023 ND	0.0025 ND	0.0024 ND	0.0026 ND	0.0022 ND	0.0024 ND						
1,2-Dichlorobenzene	1.1	100	0.0023 ND	0.0025 ND	0.0024 ND	0.0026 ND	0.0022 ND	0.0024 ND						
1,2-Dichloroethane	0.02	3.1	0.0023 ND	0.0025 ND	0.0024 ND	0.0026 ND	0.0022 ND	0.0024 ND						
1,2-Dichloropropane	NC	NC	0.0023 ND	0.0025 ND	0.0024 ND	0.0026 ND	0.0022 ND	0.0024 ND						
1,3,5-Trimethylbenzene	8.4	52	0.0023 ND	0.0025 ND	0.0024 ND	0.0026 ND	0.0022 ND	0.0024 ND						
1,3-Dichlorobenzene	2.4	49	0.0023 ND	0.0025 ND	0.0024 ND	0.0026 ND	0.0022 ND	0.0024 ND						
1,4-Dichlorobenzene	1.8	13	0.0023 ND	0.0025 ND	0.0024 ND	0.0026 ND	0.0022 ND	0.0024 ND						
1,4-Dioxane	0.1	13	0.045 ND	0.051 ND	0.049 ND	0.052 ND	0.045 ND	0.047 ND						
2-Butanone	0.12	100	0.0023 ND	0.0025 ND	0.0024 ND	0.0026 ND	0.0022 ND	0.0024 ND						
2-Hexanone	NC	NC	0.0023 ND	0.0025 ND	0.0024 ND	0.0026 ND	0.0022 ND	0.0024 ND						
4-Methyl-2-pentanone	NC	NC	0.0023 ND	0.0025 ND	0.0024 ND	0.0026 ND	0.0022 ND	0.0024 ND						
Acetone	0.05	100	0.0045 ND	0.0051 ND	0.0075 J	0.0052 ND	0.0045 ND	0.0047 ND						
Acrolein	NC	NC	0.0045 ND	0.0051 ND	0.0049 ND	0.0052 ND	0.0045 ND	0.0047 ND						
Acrylonitrile	NC	NC	0.0023 ND	0.0025 ND	0.0024 ND	0.0026 ND	0.0022 ND	0.0024 ND						
Benzene	0.06	4.8	0.0023 ND	0.0025 ND	0.0024 ND	0.0026 ND	0.0022 ND	0.0024 ND						
Bromochloromethane	NC	NC	0.0023 ND	0.0025 ND	0.0024 ND	0.0026 ND	0.0022 ND	0.0024 ND						
Bromodichloromethane	NC	NC	0.0023 ND	0.0025 ND	0.0024 ND	0.0026 ND	0.0022 ND	0.0024 ND						
Bromoform	NC	NC	0.0023 ND	0.0025 ND	0.0024 ND	0.0026 ND	0.0022 ND	0.0024 ND						
Bromomethane	NC	NC	0.0023 ND	0.0025 ND	0.0024 ND	0.0026 ND	0.0022 ND	0.0024 ND						
Carbon disulfide	NC	NC	0.0023 ND	0.0025 ND	0.0024 ND	0.0026 ND	0.0022 ND	0.0024 ND						
Carbon tetrachloride	0.76	2.4	0.0023 ND	0.0025 ND	0.0024 ND	0.0026 ND	0.0022 ND	0.0024 ND						
Chlorobenzene	1.1	100	0.0023 ND	0.0025 ND	0.0024 ND	0.0026 ND	0.0022 ND	0.0024 ND						
Chloroethane	NC	NC	0.0023 ND	0.0025 ND	0.0024 ND	0.0026 ND	0.0022 ND	0.0024 ND						
Chloroform	0.37	49	0.0023 ND	0.0025 ND	0.0024 ND	0.0026 ND	0.0022 ND	0.0024 ND						
Chloromethane	NC	NC	0.0023 ND	0.0025 ND	0.0024 ND	0.0026 ND	0.0022 ND	0.0024 ND						
cis-1,2-Dichloroethylene	0.25	100	0.0023 ND	0.0025 ND	0.0024 ND	0.0026 ND	0.0022 ND	0.0024 ND						
cis-1,3-Dichloropropylene	NC	NC	0.0023 ND	0.0025 ND	0.0024 ND	0.0026 ND	0.0022 ND	0.0024 ND						
Cyclohexane	NC	NC	0.0023 ND	0.0025 ND	0.0024 ND	0.0026 ND	0.0022 ND	0.0024 ND						
Dibromochloromethane	NC	NC	0.0023 ND	0.0025 ND	0.0024 ND	0.0026 ND	0.0022 ND	0.0024 ND						
Dibromomethane	NC	NC	0.0023 ND	0.0025 ND	0.0024 ND	0.0026 ND	0.0022 ND	0.0024 ND						
Dichlorodifluoromethane	NC	NC	0.0023 ND	0.0025 ND	0.0024 ND	0.0026 ND	0.0022 ND	0.0024 ND						
Ethyl Benzene	1	41	0.0023 ND	0.0025 ND	0.0024 ND	0.0026 ND	0.0022 ND	0.0024 ND						
Hexachlorobutadiene	NC	NC	0.0023 ND	0.0025 ND	0.0024 ND	0.0026 ND	0.0022 ND	0.0024 ND						
Isopropylbenzene	NC	NC	0.0023 ND	0.0025 ND	0.0024 ND	0.0026 ND	0.0022 ND	0.0024 ND						
Methyl acetate	NC	NC	0.0023 ND	0.0025 ND	0.0024 ND	0.0026 ND	0.0022 ND	0.0024 ND						
Methyl tert-butyl ether (MTBE)	0.93	100	0.0023 ND	0.0025 ND	0.0024 ND	0.0026 ND	0.0022 ND	0.0024 ND						
Methylcyclohexane	NC	NC	0.0023 ND	0.0025 ND	0.0024 ND	0.0026 ND	0.0022 ND	0.0024 ND						
Methylene chloride	0.05	100	0.0045 ND	0.0051 ND	0.0049 ND	0.0052 ND	0.0045 ND	0.0047 ND						
n-Butylbenzene	12	100	0.0026 J	0.0025 ND	0.0024 ND	0.0026 ND	0.0022 ND	0.0024 ND						
n-Propylbenzene	3.9	100	0.0023 ND	0.0025 ND	0.0024 ND	0.0026 ND	0.0022 ND	0.0024 ND						
o-Xylene	NC	NC	0.0023 ND	0.0025 ND	0.0024 ND	0.0026 ND	0.0022 ND	0.0024 ND						
p- & m- Xylenes	NC	NC	0.0045 ND	0.0051 ND	0.0049 ND	0.0052 ND	0.0045 ND	0.0047 ND						
p-Isopropyltoluene	NC	NC	0.0023 ND	0.0025 ND	0.0024 ND	0.0026 ND	0.0022 ND	0.0024 ND						
sec-Butylbenzene	11	100	0.0023 ND	0.0025 ND	0.0024 ND	0.0026 ND	0.0022 ND	0.0024 ND						
Styrene	NC	NC	0.0023 ND	0.0025 ND	0.0024 ND	0.0026 ND	0.0022 ND	0.0024 ND						
tert-Butyl alcohol (TBA)	NC	NC	0.0023 ND	0.0025 ND	0.0024 ND	0.0026 ND	0.0022 ND	0.0024 ND						
tert-Butylbenzene	5.9	100	0.0023 ND	0.0025 ND	0.0024 ND	0.0026 ND	0.0022 ND	0.0024 ND						
Tetrachloroethylene	1.3	19	0.0023 ND	0.0025 ND	0.0024 ND	0.0026 ND	0.0022 ND	0.0024 ND						
Toluene	0.7	100	0.0023 ND	0.0025 ND	0.0024 ND	0.0026 ND	0.0022 ND	0.0024 ND						
trans-1,2-Dichloroethylene	0.19	100	0.0023 ND	0.0025 ND	0.0024 ND	0.0026 ND	0.0022 ND	0.0024 ND						
trans-1,3-Dichloropropylene	NC	NC	0.0023 ND	0.0025 ND	0.0024 ND	0.0026 ND	0.0022 ND	0.0024 ND						
Trichloroethylene	0.47	21	0.0023 ND	0.0025 ND	0.0024 ND	0.0026 ND	0.0022 ND	0.0024 ND						
Trichlorofluoromethane	NC	NC	0.0023 ND	0.0025 ND	0.0024 ND	0.0026 ND	0.0022 ND	0.0024 ND						
Vinyl Chloride	0.02	0.9	0.0023 ND	0.0025 ND	0.0024 ND	0.0026 ND	0.0022 ND	0.0024 ND						

Legend

mg/kg - milligrams per kilograms

NC - No criterion for evaluation of analytical parameter

ND - Analyte not detected at or above the indicated (reporting limit, method detection limit)

J - Analyte detected at or above the method detection limit (MDL)

Notes

1. Evaluation criteria for soil sample results is the NYSDEC Part 375 Value for Unrestricted Use Soil Cleanup Objectives and Restricted Residential SCOs

Table 1 (Cont.)
 End-Point Soil Sampling Results
 Semi-Volatile Organic Compounds
 37-10 Crescent Street
 Queens, NY 11101

Sample ID	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Unrestricted Use	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	EP-1 15K0613-01 11/17/2015 12' 2	EP-2 15K0613-02 11/17/2015 12' 2	EP-3 15K0613-03 11/17/2015 12' 2	EP-4 15K0613-04 11/17/2015 12' 2	EP-5 15L0345-01 12/8/2015 12' 2	EP-6 15L0345-02 12/8/2015 12' 2
Lab Sample ID								
Sampling Date								
Sample Depth (Feet)								
Dilution Factor								
Unit of Measurement	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)
1,1-Biphenyl	NC	NC	0.065 ND	0.065 ND	0.065 ND	0.065 ND	0.046 ND	0.045 ND
1,2,4,5-Tetrachlorobenzene	NC	NC	0.13 ND	0.13 ND	0.13 ND	0.13 ND	0.091 ND	0.090 ND
1,2,4-Trichlorobenzene	NC	NC	0.065 ND	0.065 ND	0.065 ND	0.065 ND	0.046 ND	0.045 ND
1,2-Dichlorobenzene	1.1	100	0.065 ND	0.065 ND	0.065 ND	0.065 ND	0.046 ND	0.045 ND
1,2-Diphenylhydrazine (as Azobenzene)	NC	NC	0.065 ND	0.065 ND	0.065 ND	0.065 ND	0.046 ND	0.045 ND
1,3-Dichlorobenzene	2.4	49	0.065 ND	0.065 ND	0.065 ND	0.065 ND	0.046 ND	0.045 ND
1,4-Dichlorobenzene	1.8	13	0.065 ND	0.065 ND	0.065 ND	0.065 ND	0.046 ND	0.045 ND
2,3,4,6-Tetrachlorophenol	NC	NC	0.13 ND	0.13 ND	0.13 ND	0.13 ND	0.091 ND	0.090 ND
2,4,5-Trichlorophenol	NC	NC	0.065 ND	0.065 ND	0.065 ND	0.065 ND	0.046 ND	0.045 ND
2,4,6-Trichlorophenol	NC	NC	0.065 ND	0.065 ND	0.065 ND	0.065 ND	0.046 ND	0.045 ND
2,4-Dichlorophenol	NC	NC	0.065 ND	0.065 ND	0.065 ND	0.065 ND	0.046 ND	0.045 ND
2,4-Dimethylphenol	NC	NC	0.065 ND	0.065 ND	0.065 ND	0.065 ND	0.046 ND	0.045 ND
2,4-Dinitrophenol	NC	NC	0.13 ND	0.13 ND	0.13 ND	0.13 ND	0.091 ND	0.090 ND
2,4-Dinitrotoluene	NC	NC	0.065 ND	0.065 ND	0.065 ND	0.065 ND	0.046 ND	0.045 ND
2,6-Dinitrotoluene	NC	NC	0.065 ND	0.065 ND	0.065 ND	0.065 ND	0.046 ND	0.045 ND
2-Chloronaphthalene	NC	NC	0.065 ND	0.065 ND	0.065 ND	0.065 ND	0.046 ND	0.045 ND
2-Chlorophenol	NC	NC	0.065 ND	0.065 ND	0.065 ND	0.065 ND	0.046 ND	0.045 ND
2-Methylnaphthalene	NC	NC	0.065 ND	0.065 ND	0.065 ND	0.065 ND	0.046 ND	0.045 ND
2-Methylphenol	0.33	100	0.065 ND	0.065 ND	0.065 ND	0.065 ND	0.046 ND	0.045 ND
2-Nitroaniline	NC	NC	0.13 ND	0.13 ND	0.13 ND	0.13 ND	0.091 ND	0.090 ND
2-Nitrophenol	NC	NC	0.065 ND	0.065 ND	0.065 ND	0.065 ND	0.046 ND	0.045 ND
3- & 4-Methylphenols	NC	NC	0.065 ND	0.065 ND	0.065 ND	0.065 ND	0.046 ND	0.045 ND
3,3'-Dichlorobenzidine	NC	NC	0.065 ND	0.065 ND	0.065 ND	0.065 ND	0.046 ND	0.045 ND
3-Nitroaniline	NC	NC	0.13 ND	0.13 ND	0.13 ND	0.13 ND	0.091 ND	0.090 ND
4,6-Dinitro-2-methylphenol	NC	NC	0.13 ND	0.13 ND	0.13 ND	0.13 ND	0.091 ND	0.090 ND
4-Bromophenyl phenyl ether	NC	NC	0.065 ND	0.065 ND	0.065 ND	0.065 ND	0.046 ND	0.045 ND
4-Chloro-3-methylphenol	NC	NC	0.065 ND	0.065 ND	0.065 ND	0.065 ND	0.046 ND	0.045 ND
4-Chloroaniline	NC	NC	0.065 ND	0.065 ND	0.065 ND	0.065 ND	0.046 ND	0.045 ND
4-Chlorophenyl phenyl ether	NC	NC	0.065 ND	0.065 ND	0.065 ND	0.065 ND	0.046 ND	0.045 ND
4-Nitroaniline	NC	NC	0.13 ND	0.13 ND	0.13 ND	0.13 ND	0.091 ND	0.090 ND
4-Nitrophenol	NC	NC	0.13 ND	0.13 ND	0.13 ND	0.13 ND	0.091 ND	0.090 ND
Acenaphthene	20	100	0.065 ND	0.065 ND	0.065 ND	0.065 ND	0.046 ND	0.045 ND
Acenaphthylene	100	100	0.065 ND	0.065 ND	0.065 ND	0.065 ND	0.046 ND	0.045 ND
Acetophenone	NC	NC	0.065 ND	0.065 ND	0.065 ND	0.065 ND	0.046 ND	0.045 ND
Aniline	NC	NC	0.26 ND	0.26 ND	0.26 ND	0.26 ND	0.18 ND	0.18 ND
Anthracene	100	100	0.065 ND	0.065 ND	0.065 ND	0.065 ND	0.046 ND	0.045 ND
Atrazine	NC	NC	0.065 ND	0.065 ND	0.065 ND	0.065 ND	0.046 ND	0.045 ND
Benzaldehyde	NC	NC	0.065 ND	0.065 ND	0.065 ND	0.065 ND	0.046 ND	0.045 ND
Benzidine	NC	NC	0.26 ND	0.26 ND	0.26 ND	0.26 ND	0.18 ND	0.18 ND
Benzo(a)anthracene	1	1	0.065 ND	0.065 ND	0.065 ND	0.065 ND	0.046 ND	0.045 ND
Benzo(a)pyrene	1	1	0.065 ND	0.065 ND	0.065 ND	0.065 ND	0.046 ND	0.045 ND
Benzo(b)fluoranthene	1	1	0.065 ND	0.065 ND	0.065 ND	0.065 ND	0.046 ND	0.045 ND
Benzo(g,h,i)perylene	100	100	0.065 ND	0.065 ND	0.065 ND	0.065 ND	0.046 ND	0.045 ND
Benzo(k)fluoranthene	0.8	3.9	0.065 ND	0.065 ND	0.065 ND	0.065 ND	0.046 ND	0.045 ND
Benzoic acid	NC	NC	0.065 ND	0.065 ND	0.065 ND	0.065 ND	0.046 ND	0.045 ND
Benzyl alcohol	NC	NC	0.065 ND	0.065 ND	0.065 ND	0.065 ND	0.046 ND	0.045 ND
Benzyl butyl phthalate	NC	NC	0.065 ND	0.065 ND	0.065 ND	0.065 ND	0.046 ND	0.045 ND
Bis(2-chloroethoxy)methane	NC	NC	0.065 ND	0.065 ND	0.065 ND	0.065 ND	0.046 ND	0.045 ND
Bis(2-chloroethyl)ether	NC	NC	0.065 ND	0.065 ND	0.065 ND	0.065 ND	0.046 ND	0.045 ND
Bis(2-chloroisopropyl)ether	NC	NC	0.065 ND	0.065 ND	0.065 ND	0.065 ND	0.046 ND	0.045 ND
Bis(2-ethylhexyl)phthalate	NC	NC	0.065 ND	0.065 ND	0.065 ND	0.065 ND	0.046 ND	0.11 D
Caprolactam	NC	NC	0.13 ND	0.13 ND	0.13 ND	0.13 ND	0.091 ND	0.090 ND
Carbazole	NC	NC	0.065 ND	0.065 ND	0.065 ND	0.065 ND	0.046 ND	0.045 ND
Chrysene	1	3.9	0.065 ND	0.065 ND	0.065 ND	0.065 ND	0.046 ND	0.045 ND
Dibenzo(a,h)anthracene	0.33	0.33	0.065 ND	0.065 ND	0.065 ND	0.065 ND	0.046 ND	0.045 ND
Dibenzofuran	7	NC	0.065 ND	0.065 ND	0.065 ND	0.065 ND	0.046 ND	0.045 ND
Diethyl phthalate	NC	NC	0.065 ND	0.065 ND	0.065 ND	0.065 ND	0.046 ND	0.045 ND
Dimethyl phthalate	NC	NC	0.065 ND	0.065 ND	0.065 ND	0.065 ND	0.046 ND	0.045 ND
Di-n-butyl phthalate	NC	NC	0.065 ND	0.065 ND	0.065 ND	0.065 ND	0.046 ND	0.045 ND
Di-n-octyl phthalate	NC	NC	0.065 ND	0.065 ND	0.065 ND	0.065 ND	0.046 ND	0.045 ND
Fluoranthene	100	100	0.065 ND	0.065 ND	0.094 JD	0.065 ND	0.046 ND	0.056 JD
Fluorene	30	100	0.065 ND	0.065 ND	0.065 ND	0.065 ND	0.046 ND	0.045 ND
Hexachlorobenzene	0.33	1.2	0.065 ND	0.065 ND	0.065 ND	0.065 ND	0.046 ND	0.045 ND
Hexachlorobutadiene	NC	NC	0.065 ND	0.065 ND	0.065 ND	0.065 ND	0.046 ND	0.045 ND
Hexachlorocyclopentadiene	NC	NC	0.065 ND	0.065 ND	0.065 ND	0.065 ND	0.046 ND	0.045 ND
Hexachloroethane	NC	NC	0.065 ND	0.065 ND	0.065 ND	0.065 ND	0.046 ND	0.045 ND
Iueno(1,2,3-cd)pyrene	0.5	0.5	0.065 ND	0.065 ND	0.065 ND	0.065 ND	0.046 ND	0.045 ND
Isophorone	NC	NC	0.065 ND	0.065 ND	0.065 ND	0.065 ND	0.046 ND	0.045 ND
Naphthalene	12	100	0.065 ND	0.065 ND	0.065 ND	0.065 ND	0.046 ND	0.045 ND
Nitrobenzene	NC	NC	0.065 ND	0.065 ND	0.065 ND	0.065 ND	0.046 ND	0.045 ND
N-Nitrosodimethylamine	NC	NC	0.065 ND	0.065 ND	0.065 ND	0.065 ND	0.046 ND	0.045 ND
N-nitroso-di-n-propylamine	NC	NC	0.065 ND	0.065 ND	0.065 ND	0.065 ND	0.046 ND	0.045 ND
N-Nitrosodiphenylamine	NC	NC	0.065 ND	0.065 ND	0.065 ND	0.065 ND	0.046 ND	0.045 ND
Pentachlorophenol	0.8	6.7	0.065 ND	0.065 ND	0.065 ND	0.065 ND	0.046 ND	0.045 ND
Phenanthrene	100	100	0.065 ND	0.065 ND	0.065 ND	0.065 ND	0.046 ND	0.045 ND
Phenol	0.33	100	0.065 ND	0.065 ND	0.065 ND	0.065 ND	0.046 ND	0.045 ND
Pyrene	100	100	0.065 ND	0.065 ND	0.091 JD	0.065 ND	0.046 ND	0.055 JD

Legend

mg/kg - milligrams per kilograms

NC - No criterion for evaluation of analytical parameter

ND - Analyte not detected at or above the indicated (reporting limit, method detection limit)

J - Analyte detected at or above the method detection limit (MDL)

Notes

1. Evaluation criteria for soil sample results is the NYSDEC Part 375 Value for Unrestricted Use Soil Cleanup Objectives and Restricted Residential SCOs

Table 1 (Cont.)
 End-Point Soil Sampling Results
 Pesticides
 37-10 Crescent Street
 Queens, NY 11101

Sample ID	NYSDEC Part 375 Soil Cleanup Objective - Unrestricted Use	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Restricted Residential	EP-1	EP-2	EP-3	EP-4	EP-5	EP-6
Lab Sample ID	15K0613-01	15K0613-02	15K0613-03	15K0613-04	15L0345-01	15L0345-02		
Sampling Date	11/17/2015	11/17/2015	11/17/2015	11/17/2015	12/8/2015	12/8/2015		
Sample Depth(Feet)	12'	12'	12'	12'	12'	12'		
Dilution Factor	5	5	5	5	5	5		
Unit of Measurement	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)		
4,4'-DDD	0.0033	13	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0018 ND	0.0018 ND
4,4'-DDE	0.0033	8.9	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0018 ND	0.0018 ND
4,4'-DDT	0.0033	7.9	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0018 ND	0.0018 ND
Aldrin	0.005	0.097	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0018 ND	0.0018 ND
alpha-BHC	0.02	0.48	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0018 ND	0.0018 ND
alpha-Chlordane	0.094	4.2	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0018 ND	0.0018 ND
beta-BHC	0.036	0.36	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0018 ND	0.0018 ND
Chlordane, total	NC	NC	0.069 ND	0.069 ND	0.069 ND	0.068 ND	0.072 ND	0.071 ND
delta-BHC	0.04	100	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0018 ND	0.0018 ND
Dieldrin	0.005	0.2	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0018 ND	0.0018 ND
Euosulfan I	2.4	24	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0018 ND	0.0018 ND
Euosulfan II	2.4	24	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0018 ND	0.0018 ND
Euosulfan sulfate	2.4	24	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0018 ND	0.0018 ND
Eurin	0.014	11	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0018 ND	0.0018 ND
Eurin aldehyde	NC	NC	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0018 ND	0.0018 ND
Eurin ketone	NC	NC	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0018 ND	0.0018 ND
gamma-BHC (Liujane)	0.1	1.3	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0018 ND	0.0018 ND
gamma-Chlordane	NC	NC	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0018 ND	0.0018 ND
Heptachlor	0.042	2.1	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0018 ND	0.0018 ND
Heptachlor epoxide	NC	NC	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0018 ND	0.0018 ND
Methoxychlor	NC	NC	0.0086 ND	0.0086 ND	0.0086 ND	0.0085 ND	0.0091 ND	0.0089 ND
Toxaphene	NC	NC	0.087 ND	0.087 ND	0.087 ND	0.086 ND	0.092 ND	0.090 ND

Legend

mg/kg - milligrams per kilograms

NC - No criterion for evaluation of analytical parameter

ND - Analyte not detected at or above the indicated (reporting limit, method detection limit)

Notes

1. Evaluation criteria for soil sample results is the NYSDEC Part 375 Value for Unrestricted Use Soil Cleanup Objectives and Restricted Residential SCOs

Table 1 (Cont.)
 End-Point Soil Sampling Results
 PCBs
 37-10 Crescent Street
 Queens, NY 11101

Sample ID	NYSDEC Part 375 Soil Cleanup Objective - Unrestricted Use	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Residential	EP-1	EP-2	EP-3	EP-4	EP-5	EP-6
Lab Sample ID			15K0613-01	15K0613-02	15K0613-03	15K0613-04	15L0345-01	15L0345-02
Sampling Date			11/17/2015	11/17/2015	11/17/2015	11/17/2015	12/8/2015	12/8/2015
Sample Depth(Feet)			12'	12'	12'	12'	12'	12'
Dilution Factor			1	1	1	1	1	1
Unit of Measurement	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)
Aroclor 1016	NC	NC	0.017 ND	0.017 ND	0.017 ND	0.017 ND	0.018 ND	0.018 ND
Aroclor 1221	NC	NC	0.017 ND	0.017 ND	0.017 ND	0.017 ND	0.018 ND	0.018 ND
Aroclor 1232	NC	NC	0.017 ND	0.017 ND	0.017 ND	0.017 ND	0.018 ND	0.018 ND
Aroclor 1242	NC	NC	0.017 ND	0.017 ND	0.017 ND	0.017 ND	0.018 ND	0.018 ND
Aroclor 1248	NC	NC	0.017 ND	0.017 ND	0.017 ND	0.017 ND	0.018 ND	0.018 ND
Aroclor 1254	NC	NC	0.017 ND	0.017 ND	0.017 ND	0.017 ND	0.018 ND	0.018 ND
Aroclor 1260	NC	NC	0.017 ND	0.017 ND	0.017 ND	0.017 ND	0.018 ND	0.018 ND
Total PCBs	0.1	1	0.017 ND	0.017 ND	0.017 ND	0.017 ND	0.018 ND	0.018 ND

Legend

mg/kg - milligrams per kilograms

NC - No criterion for evaluation of analytical parameter

ND - Analyte not detected at or above the indicated (reporting limit, method detection limit)

Notes

1. Evaluation criteria for soil sample results is the NYSDEC Part 375 Value for Unrestricted Use Soil Cleanup Objectives and Restricted Residential SCOs

Table 1 (Cont.)
 End-Point Soil Sampling Results
 Target Analyte List Metals
 37-10 Crescent Street
 Queens, NY 11101

Sample ID	NYSDEC Part 375 Soil Cleanup Objective - Unrestricted Use	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Residential	EP-1 15K0613-01 11/17/2015 12' 1 (mg/Kg)	EP-2 15K0613-02 11/17/2015 12' 1 (mg/Kg)	EP-3 15K0613-03 11/17/2015 12' 1 (mg/Kg)	EP-4 15K0613-04 11/17/2015 12' 1 (mg/Kg)	EP-5 15L0345-01 12/8/2015 12' 1 (mg/Kg)	EP-6 15L0345-02 12/8/2015 12' 1 (mg/Kg)
Aluminum	NC	NC	3,880	4,890	4,560	3,200	6,700	5,830
Antimony	NC	NC	0.52	0.52	0.52	0.51	0.55	0.54
Arsenic	13	16	1.75	1.28	1.40	1.03	1.10	1.67
Barium	350	400	37.70	39.60	75.80	28.30	47.90	32.20
Beryllium	7.2	72	0.10	0.10	0.10	0.10	0.11	0.11
Cadmium	2.5	4.3	0.31	0.31	0.31	0.31	0.33	0.32
Calcium	NC	NC	4,430	12,300	14,700	2,270	1,470	6,970
Chromium	NC	NC	10.40	11.50	9.27	6.78	14.70	10.60
Chromium, Hexavalent	1	110	0.52	0.52	0.52	0.51	0.55	0.54
Chromium, Trivalent	30	180	10.40	11.50	9.27	6.78	14.70	10.60
Cobalt	NC	NC	5.82	4.67	5.07	5.60	6.73	4.99
Copper	50	270	14.60	13.90	17.80	13.60	12.40	12.50
Iron	NC	NC	8,390	8,850	8,910	8,280	11,900	9,920
Lead	63	400	15.40	14.80	29.70	6.13	7.53	14.70
Magnesium	NC	NC	3,690	5,590	6,950	2,610	3,380	5,620
Manganese	1600	2000	272	262	549	283	284	257
Mercury	0.18	0.81	0.031	0.031	0.033	0.031	0.036	0.036
Nickel	30	310	10.30	12.70	10.30	8.44	13.50	10
Potassium	NC	NC	828	849	836	897	1,640	708
Selenium	3.9	180	1.04	1.04	1.07	1.03	1.42	1.48
Silver	2	180	0.52	0.52	0.52	0.51	0.55	0.54
Sodium	NC	NC	95	127	219	91.20	111	158
Thallium	NC	NC	1.04	1.04	1.04	1.03	1.10	1.08
Vanadium	NC	NC	13.10	13.60	13.60	10.20	18.20	14.30
Zinc	109	10000	35	40.50	41.80	22	34.40	30

Legend

mg/kg - milligrams per kilograms

NC - No criterion for evaluation of analytical parameter

ND - Analyte not detected at or above the indicated (reporting limit, method detection limit)

Notes

1. Evaluation criteria for soil sample results is the NYSDEC Part 375 Value for Unrestricted Use Soil Cleanup Objectives and Restricted Residential SCOs

TABLE 2
PART 375 UNRESTRICTED USE SOIL CLEAN UP OBJECTIVES
(TRACK 1)

Table 2
Soil Cleanup Objectives (SCOs)
37-10 Crescent Street, Queens, New York

Contaminant	CAS Number	NYSDEC Part 375-6 SCOs for Unrestricted Use (ppm)
Volatile Organic Compounds		
1,1,1-Trichloroethane	71-55-6	0.68
1,1-Dichloroethane	75-34-3	0.27
1,1-Dichloroethene	75-35-4	0.33
1,2-Dichlorobenzene	95-50-1	1.1
1,2-Dichloroethane	107-06-2	0.02
cis-1,2-Dichloroethene	156-59-2	0.25
trans-1,2-Dichloroethene	156-60-5	0.19
1,3-Dichlorobenzene	541-73-1	2.4
1,4-Dichlorobenzene	106-46-7	1.8
1,4-Dioxane	123-91-1	0.1
Acetone	67-64-1	0.05
Benzene	71-43-2	0.06
Butylbenzene	104-51-8	12
Carbon tetrachloride	56-23-5	0.76
Chlorobenzene	108-90-7	1.1
Chloroform	67-66-3	0.37
Ethylbenzene	100-41-4	1
Hexachlorobenzene	118-74-1	0.33
Methyl ethyl ketone	78-93-3	0.12
Methyl tert-butyl ether	1634-04-4	0.93
Methylene chloride	75-09-2	0.05
n-Propylbenzene	103-65-1	3.9
sec-Butylbenzene	135-98-8	11
tert-Butylbenzene	98-06-6	5.9
Tetrachloroethene	127-18-4	1.3
Toluene	108-88-3	0.7
Trichloroethene	79-01-6	0.47
1,2,4-Trimethylbenzene	95-63-6	3.6
1,3,5-Trimethylbenzene	108-67-8	8.4
Vinyl chloride	75-01-4	0.02
Xylene (mixed)	1330-20-7	0.26
Semivolatile Organic Compounds		
Acenaphthene	83-32-9	20
Acenaphthylene	208-96-8	100
Anthracene	120-12-7	100
Benz(a)anthracene	56-55-3	1
Benzo(a)pyrene	50-32-8	1
Benzo(b)fluoranthene	205-99-2	1
Benzo(g,h,i)perylene	191-24-2	100
Benzo(k)fluoranthene	207-08-9	0.8
Chrysene	218-01-9	1
Dibenz(a,h)anthracene	53-70-3	0.33
Fluoranthene	206-44-0	100
Fluorene	86-73-7	30
Ideno(1,2,3-cd)pyrene	193-39-5	0.5
m-Cresol	108-39-4	0.33
Naphthalene	91-20-3	12
o-Cresol	95-48-7	0.33
p-Cresol	106-44-5	0.33
Pentachlorophenol	87-86-5	0.8
Phenanthrene	85-01-8	100
Phenol	108-95-2	0.33
Pyrene	129-00-0	100

Table 2
Soil Cleanup Objectives (SCOs)
37-10 Crescent Street, Queens, New York

Contaminant	CAS Number	NYSDEC Part 375-6 SCOs for Unrestricted Use (ppm)
Pesticides/PCBs		
2,4,5-TP Acid (Silvex)	93-72-1	3.8
4,4'-DDE	72-55-9	0.0033
4,4'-DDT	50-29-9	0.0033
4,4'-DDD	72-54-8	0.0033
Aldrin	309-00-2	0.005
alpha-BHC	319-84-6	0.02
beta-BHC	319-85-7	0.036
Chlordane (alpha)	5103-71-9	0.094
delta-BHC	319-86-8	0.04
Dibenzofuran	132-64-9	7
Dieldrin	60-57-1	0.005
Endosulfan I	959-98-8	2.4
Endosulfan II	33213-65-9	2.4
Endosulfan sulfate	1031-07-8	2.4
Endrin	72-20-8	0.014
Heptachlor	76-44-8	0.042
Lindane	58-89-9	0.1
Polychlorinated biphenyls	1336-36-3	0.1
Metals		
Arsenic	7440-38-2	13
Barium	7440-39-3	350
Beryllium	7440-41-7	7.2
Cadmium	7440-43-9	2.5
Chromium hexavalent	18540-29-9	1
Chromium trivalent	16065-83-1	30
Copper	7440-50-8	50
Total Cyanide		27
Lead	7439-92-1	63
Manganese	7439-96-5	1600
Total Mercury		0.18
Nickel	7440-02-0	30
Selenium	7782-49-2	3.9
Silver	7440-22-4	2
Zinc	7440-66-6	109

TABLE 3
DISPOSAL QUANTITIES AND FACILITIES

Table 3
Soil Disposal Quantities and Facilities
37-10 Crescent Street, Queens, NY

Disposal Location/Address	Type of Material	Quantity
Impact – Former NJ Zinc Site 1120 Mauch Chunk Road, Palmerton, PA	Non-Hazardous Soil and Historic Fill	4,902.70 tons
West Hampton Property Associates facility in Suffolk County, NY	Clean Native Soil	1,680 cubic yards (2,520 tons)
NYC Clean Soil Bank CSB# 16CCSB045 Seaside Park (2201 Highland View Avenue, Brooklyn, NY)	Clean Native Soil in NYC Clean Soil Bank	3,885 cubic yards (5,827 tons)
Fasco Asphalt Paving Inc. 133 Old Northport Road, Kings Park, NY	Boulders, construction and demolition debris from former building slab and foundation	1,800 tons

TABLE 4

WASTE CHARACTERIZATION ANALYTICAL RESULTS

Table 4
Waste Characterization Sampling Summary

Sample ID	C-2		G-3		C-3		G-4		C-4		C-5		C-6		C-7	
Sample Depth	0'-3'		0'-3'		0'-3'		0'-3'		3'-7'		7'-12'		3'-7'		7'-12'	
Laboratory ID	15G0954-01		15G0622-01		15G0622-04		15G0622-02		15G0956-01		15G0956-02		15G0957-01		15G0957-02	
Sampling Date	7/28/2015		7/16/2015		7/16/2015		7/16/2015		7/28/2015		7/28/2015		7/28/2015		7/28/2015	
Sample Matrix	Soil															
Compound	Result	Q														
Volatile Organics, 8260 - Comprehensive			mg/kg				mg/kg									
Dilution Factor			1				1									
1,1,1,2-Tetrachloroethane	NT		0.0032	U	NT		0.0026	U	NT		NT		NT		NT	
1,1,1-Trichloroethane	NT		0.0032	U	NT		0.0026	U	NT		NT		NT		NT	
1,1,2,2-Tetrachloroethane	NT		0.0032	U	NT		0.0026	U	NT		NT		NT		NT	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NT		0.0032	U	NT		0.0026	U	NT		NT		NT		NT	
1,1,2-Trichloroethane	NT		0.0032	U	NT		0.0026	U	NT		NT		NT		NT	
1,1-Dichloroethane	NT		0.0032	U	NT		0.0026	U	NT		NT		NT		NT	
1,1-Dichloroethylene	NT		0.0032	U	NT		0.0026	U	NT		NT		NT		NT	
1,2,3-Trichlorobenzene	NT		0.0032	U	NT		0.0026	U	NT		NT		NT		NT	
1,2,3-Trichloropropane	NT		0.0032	U	NT		0.0026	U	NT		NT		NT		NT	
1,2,4-Trichlorobenzene	NT		0.0032	U	NT		0.0026	U	NT		NT		NT		NT	
1,2,4-Trimethylbenzene	NT		0.0032	U	NT		0.0026	U	NT		NT		NT		NT	
1,2-Dibromo-3-chloropropane	NT		0.0032	U	NT		0.0026	U	NT		NT		NT		NT	
1,2-Dibromoethane	NT		0.0032	U	NT		0.0026	U	NT		NT		NT		NT	
1,2-Dichlorobenzene	NT		0.0032	U	NT		0.0026	U	NT		NT		NT		NT	
1,2-Dichloroethane	NT		0.0032	U	NT		0.0026	U	NT		NT		NT		NT	
1,2-Dichloropropane	NT		0.0032	U	NT		0.0026	U	NT		NT		NT		NT	
1,3,5-Trimethylbenzene	NT		0.0032	U	NT		0.0026	U	NT		NT		NT		NT	
1,3-Dichlorobenzene	NT		0.0032	U	NT		0.0026	U	NT		NT		NT		NT	
1,4-Dichlorobenzene	NT		0.0032	U	NT		0.0026	U	NT		NT		NT		NT	
1,4-Dioxane	NT		0.065	U	NT		0.051	U	NT		NT		NT		NT	
2-Butanone	NT		0.0032	U	NT		0.0026	U	NT		NT		NT		NT	
2-Hexanone	NT		0.0032	U	NT		0.0026	U	NT		NT		NT		NT	
4-Methyl-2-pentanone	NT		0.0032	U	NT		0.0026	U	NT		NT		NT		NT	
Acetone	NT		0.015		NT		0.0058	J	NT		NT		NT		NT	
Acrolein	NT		0.0065	U	NT		0.0051	U	NT		NT		NT		NT	
Acrylonitrile	NT		0.0032	U	NT		0.0026	U	NT		NT		NT		NT	
Benzene	NT		0.0032	U	NT		0.0026	U	NT		NT		NT		NT	
Bromochloromethane	NT		0.0032	U	NT		0.0026	U	NT		NT		NT		NT	
Bromodichloromethane	NT		0.0032	U	NT		0.0026	U	NT		NT		NT		NT	
Bromoform	NT		0.0032	U	NT		0.0026	U	NT		NT		NT		NT	
Bromomethane	NT		0.0032	U	NT		0.0026	U	NT		NT		NT		NT	
Carbon disulfide	NT		0.0032	U	NT		0.0026	U	NT		NT		NT		NT	
Carbon tetrachloride	NT		0.0032	U	NT		0.0026	U	NT		NT		NT		NT	
Chlorobenzene	NT		0.0032	U	NT		0.0026	U	NT		NT		NT		NT	
Chloroethane	NT		0.0032	U	NT		0.0026	U	NT		NT		NT		NT	
Chloroform	NT		0.0032	U	NT		0.0026	U	NT		NT		NT		NT	
Chloromethane	NT		0.0032	U	NT		0.0026	U	NT		NT		NT		NT	
cis-1,2-Dichloroethylene	NT		0.0032	U	NT		0.0026	U	NT		NT		NT		NT	
cis-1,3-Dichloropropylene	NT		0.0032	U	NT		0.0026	U	NT		NT		NT		NT	
Cyclohexane	NT		0.0032	U	NT		0.0026	U	NT		NT		NT		NT	
Dibromochloromethane	NT		0.0032	U	NT		0.0026	U	NT		NT		NT		NT	
Dibromomethane	NT		0.0032	U	NT		0.0026	U	NT		NT		NT		NT	
Dichlorodifluoromethane	NT		0.0032	U	NT		0.0026	U	NT		NT		NT		NT	
Ethyl Benzene	NT		0.0032	U	NT		0.0026	U	NT		NT		NT		NT	
Hexachlorobutadiene	NT		0.0032	U	NT		0.0026	U	NT		NT		NT		NT	
Isopropylbenzene	NT		0.0032	U	NT		0.0026	U	NT		NT		NT		NT	
Methyl acetate	NT		0.0032	U	NT		0.0026	U	NT		NT		NT		NT	
Methyl tert-butyl ether (MTBE)	NT		0.0032	U	NT		0.0026	U	NT		NT		NT		NT	
Methylcyclohexane	NT		0.0032	U	NT		0.0026	U	NT		NT		NT		NT	
Methylene chloride	NT		0.0065	U	NT		0.0051	U	NT		NT		NT		NT	
n-Butylbenzene	NT		0.0032	U	NT		0.0026	U	NT		NT		NT		NT	
n-Propylbenzene	NT		0.0032	U	NT		0.0026	U	NT		NT		NT		NT	
o-Xylene	NT		0.0032	U	NT		0.0026	U	NT		NT		NT		NT	
p- & m- Xylenes	NT		0.0065	U	NT		0.0051	U	NT		NT		NT		NT	
p-Isopropyltoluene	NT		0.0032	U	NT		0.0026	U	NT		NT		NT		NT	
sec-Butylbenzene	NT		0.0032	U	NT		0.0026	U	NT		NT		NT		NT	
Styrene	NT		0.0032	U	NT		0.0026	U	NT		NT		NT		NT	
tert-Butyl alcohol (TBA)	NT		0.0065	U	NT		0.0051	U	NT		NT		NT		NT	
tert-Butylbenzene	NT		0.0032	U	NT		0.0026	U	NT		NT		NT		NT	
Tetrachloroethylene	NT		0.0032	U	NT		0.0026	U	NT		NT		NT		NT	
Toluene	NT		0.0032	U	NT		0.0026	U	NT		NT		NT		NT	
trans-1,2-Dichloroethylene	NT		0.0032	U	NT		0.0026	U	NT		NT		NT		NT	
trans-1,3-Dichloropropylene	NT		0.0032	U	NT		0.0026	U	NT		NT		NT		NT	
Trichloroethylene	NT		0.0032	U	NT		0.0026	U	NT		NT		NT		NT	
Trichlorofluoromethane	NT		0.0032	U	NT		0.0026	U	NT		NT		NT		NT	
Vinyl Chloride	NT		0.0032	U	NT		0.0026	U	NT		NT		NT		NT	
Xylenes, Total	NT		0.0097	U	NT		0.0077	U	NT		NT		NT		NT	

Table 4
Waste Characterization Sampling Summary

Semi-Volatiles, 8270 - Comprehensive				mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		
Dilution Factor				2		2		2		2		2		
1,1'-Biphenyl	0.023	U	NT	0.045	U	NT	0.044	U	0.045	U	0.044	U	0.044	U
1,2,4,5-Tetrachlorobenzene	0.045	U	NT	0.089	U	NT	0.088	U	0.089	U	0.087	U	0.088	U
1,2,4-Trichlorobenzene	0.023	U	NT	0.045	U	NT	0.044	U	0.045	U	0.044	U	0.044	U
1,2-Dichlorobenzene	0.023	U	NT	0.045	U	NT	0.044	U	0.045	U	0.044	U	0.044	U
1,2-Diphenylhydrazine (as Azobenzene)	0.023	U	NT	0.045	U	NT	0.044	U	0.045	U	0.044	U	0.044	U
1,3-Dichlorobenzene	0.023	U	NT	0.045	U	NT	0.044	U	0.045	U	0.044	U	0.044	U
1,4-Dichlorobenzene	0.023	U	NT	0.045	U	NT	0.044	U	0.045	U	0.044	U	0.044	U
2,3,4,6-Tetrachlorophenol	0.045	U	NT	0.089	U	NT	0.088	U	0.089	U	0.087	U	0.088	U
2,4,5-Trichlorophenol	0.023	U	NT	0.045	U	NT	0.044	U	0.045	U	0.044	U	0.044	U
2,4,6-Trichlorophenol	0.023	U	NT	0.045	U	NT	0.044	U	0.045	U	0.044	U	0.044	U
2,4-Dichlorophenol	0.023	U	NT	0.045	U	NT	0.044	U	0.045	U	0.044	U	0.044	U
2,4-Dimethylphenol	0.023	U	NT	0.045	U	NT	0.044	U	0.045	U	0.044	U	0.044	U
2,4-Dinitrophenol	0.045	U	NT	0.089	U	NT	0.088	U	0.089	U	0.087	U	0.088	U
2,4-Dinitrotoluene	0.023	U	NT	0.045	U	NT	0.044	U	0.045	U	0.044	U	0.044	U
2,6-Dinitrotoluene	0.023	U	NT	0.045	U	NT	0.044	U	0.045	U	0.044	U	0.044	U
2-Chloronaphthalene	0.023	U	NT	0.045	U	NT	0.044	U	0.045	U	0.044	U	0.044	U
2-Chlorophenol	0.023	U	NT	0.045	U	NT	0.044	U	0.045	U	0.044	U	0.044	U
2-Methylnaphthalene	0.023	U	NT	0.045	U	NT	0.044	U	0.045	U	0.044	U	0.044	U
2-Methylphenol	0.023	U	NT	0.045	U	NT	0.044	U	0.045	U	0.044	U	0.044	U
2-Nitroaniline	0.045	U	NT	0.089	U	NT	0.088	U	0.089	U	0.087	U	0.088	U
2-Nitrophenol	0.023	U	NT	0.045	U	NT	0.044	U	0.045	U	0.044	U	0.044	U
3- & 4-Methylphenols	0.023	U	NT	0.045	U	NT	0.044	U	0.045	U	0.044	U	0.044	U
3,3'-Dichlorobenzidine	0.023	U	NT	0.045	U	NT	0.044	U	0.045	U	0.044	U	0.044	U
3-Nitroaniline	0.045	U	NT	0.089	U	NT	0.088	U	0.089	U	0.087	U	0.088	U
4,6-Dinitro-2-methylphenol	0.045	U	NT	0.089	U	NT	0.088	U	0.089	U	0.087	U	0.088	U
4-Bromophenyl phenyl ether	0.023	U	NT	0.045	U	NT	0.044	U	0.045	U	0.044	U	0.044	U
4-Chloro-3-methylphenol	0.023	U	NT	0.045	U	NT	0.044	U	0.045	U	0.044	U	0.044	U
4-Chloroaniline	0.023	U	NT	0.045	U	NT	0.044	U	0.045	U	0.044	U	0.044	U
4-Chlorophenyl phenyl ether	0.023	U	NT	0.045	U	NT	0.044	U	0.045	U	0.044	U	0.044	U
4-Nitroaniline	0.045	U	NT	0.089	U	NT	0.088	U	0.089	U	0.087	U	0.088	U
4-Nitrophenol	0.045	U	NT	0.089	U	NT	0.088	U	0.089	U	0.087	U	0.088	U
Acenaphthene	0.023	U	NT	0.045	U	NT	0.044	U	0.045	U	0.044	U	0.044	U
Acenaphthylene	0.023	U	NT	0.045	U	NT	0.044	U	0.045	U	0.044	U	0.044	U
Acetophenone	0.023	U	NT	0.045	U	NT	0.044	U	0.045	U	0.044	U	0.044	U
Aniline	0.091	U	NT	0.18	U	NT	0.18	U	0.18	U	0.17	U	0.18	U
Anthracene	0.023	U	NT	0.098	D	NT	0.044	U	0.045	U	0.044	U	0.064	JD
Atrazine	0.023	U	NT	0.045	U	NT	0.044	U	0.045	U	0.044	U	0.044	U
Benzaldehyde	0.023	U	NT	0.045	U	NT	0.044	U	0.045	U	0.044	U	0.044	U
Benzidine	0.091	U	NT	0.18	U	NT	0.18	U	0.18	U	0.17	U	0.18	U
Benzo(a)anthracene	0.035	J	NT	0.28	D	NT	0.051	JD	0.063	JD	0.044	U	0.18	D
Benzo(a)pyrene	0.042	J	NT	0.29	D	NT	0.053	JD	0.066	JD	0.044	U	0.18	D
Benzo(b)fluoranthene	0.033	J	NT	0.22	D	NT	0.044	U	0.045	U	0.044	U	0.13	D
Benzo(g,h,i)perylene	0.038	J	NT	0.21	D	NT	0.096	D	0.12	D	0.044	U	0.26	D
Benzo(k)fluoranthene	0.037	J	NT	0.25	D	NT	0.044	U	0.067	JD	0.044	U	0.18	D
Benzoic acid	0.023	U	NT	0.045	U	NT	0.044	U	0.045	U	0.044	U	0.044	U
Benzyl alcohol	0.023	U	NT	0.045	U	NT	0.044	U	0.045	U	0.044	U	0.044	U
Benzyl butyl phthalate	0.023	U	NT	0.045	U	NT	0.044	U	0.045	U	0.044	U	0.044	U
Bis(2-chloroethoxy)methane	0.023	U	NT	0.045	U	NT	0.044	U	0.045	U	0.044	U	0.044	U
Bis(2-chloroethyl)ether	0.023	U	NT	0.045	U	NT	0.044	U	0.045	U	0.044	U	0.044	U
Bis(2-chloroisopropyl)ether	0.023	U	NT	0.045	U	NT	0.044	U	0.045	U	0.044	U	0.044	U
Bis(2-ethylhexyl)phthalate	0.023	U	NT	0.056	JD	NT	0.044	U	0.045	U	0.044	U	0.044	U
Caprolactam	0.045	U	NT	0.089	U	NT	0.088	U	0.089	U	0.087	U	0.088	U
Carbazole	0.023	U	NT	0.067	JD	NT	0.044	U	0.045	U	0.044	U	0.044	U
Chrysene	0.045	J	NT	0.28	D	NT	0.053	JD	0.070	JD	0.044	U	0.17	D
Dibenzo(a,h)anthracene	0.023	U	NT	0.045	U	NT	0.044	U	0.056	JD	0.044	U	0.15	D
Dibenzofuran	0.023	U	NT	0.045	U	NT	0.044	U	0.045	U	0.044	U	0.044	U
Diethyl phthalate	0.023	U	NT	0.045	U	NT	0.044	U	0.045	U	0.044	U	0.044	U
Dimethyl phthalate	0.023	U	NT	0.045	U	NT	0.044	U	0.045	U	0.044	U	0.044	U
Di-n-butyl phthalate	0.023	U	NT	0.045	U	NT	0.044	U	0.045	U	0.044	U	0.044	U
Di-n-octyl phthalate	0.023	U	NT	0.045	U	NT	0.044	U	0.045	U	0.044	U	0.044	U
Fluoranthene	0.068	U	NT	0.63	D	NT	0.094	D	0.11	D	0.044	U	0.40	D
Fluorene	0.023	U	NT	0.045	U	NT	0.044	U	0.045	U	0.044	U	0.044	U
Hexachlorobenzene	0.023	U	NT	0.045	U	NT	0.044	U	0.045	U	0.044	U	0.044	U
Hexachlorobutadiene	0.023	U	NT	0.045	U	NT	0.044	U	0.045	U	0.044	U	0.044	U
Hexachlorocyclopentadiene	0.023	U	NT	0.045	U	NT	0.044	U	0.045	U	0.044	U	0.044	U
Hexachloroethane	0.023	U	NT	0.045	U	NT	0.044	U	0.045	U	0.044	U	0.044	U
Indeno(1,2,3-cd)pyrene	0.029	J	NT	0.20	D	NT	0.075	JD	0.086	JD	0.044	U	0.23	D
Isophorone	0.023	U	NT	0.045	U	NT	0.044	U	0.045	U	0.044	U	0.044	U
Naphthalene	0.023	U	NT	0.045	U	NT	0.044	U	0.045	U	0.044	U	0.044	U
Nitrobenzene	0.023	U	NT	0.045	U	NT	0.044	U	0.045	U	0.044	U	0.044	U
N-Nitrosodimethylamine	0.023	U	NT	0.045	U	NT	0.044	U	0.045	U	0.044	U	0.044	U
N-nitroso-di-n-propylamine	0.023	U	NT	0.045	U	NT	0.044	U	0.045	U	0.044	U	0.044	U
N-Nitrosodiphenylamine	0.023	U	NT	0.045	U	NT	0.044	U	0.045	U	0.044	U	0.044	U
Pentachlorophenol	0.023	U	NT	0.045	U	NT	0.044	U	0.045	U	0.044	U	0.044	U
Phenanthrene	0.026	J	NT	0.44	D	NT	0.044	U	0.045	U	0.044	U	0.27	D
Phenol	0.023	U	NT	0.045	U	NT	0.044	U	0.045	U	0.044	U	0.044	U
Pyrene	0.062	U	NT	0.43	D	NT	0.074	JD	0.087	JD	0.044	U	0.27	D

Table 4
Waste Characterization Sampling Summary

Herbicides, TCLP Target List			mg/kg						
Dilution Factor			1						
2,4,5-TP (Silvex)	NT	NT	0.021 U	NT	NT	NT	NT	NT	NT
2,4-D	NT	NT	0.021 U	NT	NT	NT	NT	NT	NT
Pesticides, TCLP RCRA List and NJDEP List			mg/kg		mg/kg	mg/kg	mg/kg	mg/kg	
Dilution Factor			5		5	5	5	5	
4,4'-DDD	NT	NT	0.0027 U	NT	0.0026 U	0.0027 U	0.0026 U	0.0026 U	0.0026 U
4,4'-DDE	NT	NT	0.0027 U	NT	0.0026 U	0.0027 U	0.0026 U	0.0026 U	0.0026 U
4,4'-DDT	NT	NT	0.0027 U	NT	0.0026 U	0.0027 U	0.0026 U	0.0026 U	0.0026 U
Aldrin	NT	NT	0.0027 U	NT	0.0026 U	0.0027 U	0.0026 U	0.0026 U	0.0026 U
alpha-BHC	NT	NT	0.0027 U	NT	0.0026 U	0.0027 U	0.0026 U	0.0026 U	0.0026 U
alpha-Chlordane	NT	NT	0.0045 D	NT	0.0026 U	0.0027 U	0.0026 U	0.0026 U	0.0026 U
beta-BHC	NT	NT	0.0027 U	NT	0.0026 U	0.0027 U	0.0026 U	0.0026 U	0.0026 U
Chlordane, total	NT	NT	0.11 U	NT	0.10 U	0.11 U	0.10 U	0.10 U	0.10 U
delta-BHC	NT	NT	0.0027 U	NT	0.0026 U	0.0027 U	0.0026 U	0.0026 U	0.0026 U
Dieldrin	NT	NT	0.0027 U	NT	0.0026 U	0.0027 U	0.0026 U	0.0026 U	0.0026 U
Endosulfan I	NT	NT	0.0027 U	NT	0.0026 U	0.0027 U	0.0026 U	0.0026 U	0.0026 U
Endosulfan II	NT	NT	0.0027 U	NT	0.0026 U	0.0027 U	0.0026 U	0.0026 U	0.0026 U
Endosulfan sulfate	NT	NT	0.0027 U	NT	0.0026 U	0.0027 U	0.0026 U	0.0026 U	0.0026 U
Endrin	NT	NT	0.0027 U	NT	0.0026 U	0.0027 U	0.0026 U	0.0026 U	0.0026 U
Endrin aldehyde	NT	NT	0.0027 U	NT	0.0026 U	0.0027 U	0.0026 U	0.0026 U	0.0026 U
Endrin ketone	NT	NT	0.0027 U	NT	0.0026 U	0.0027 U	0.0026 U	0.0026 U	0.0026 U
gamma-BHC (Lindane)	NT	NT	0.0027 U	NT	0.0026 U	0.0027 U	0.0026 U	0.0026 U	0.0026 U
gamma-Chlordane	NT	NT	0.0046 D	NT	0.0026 U	0.0027 U	0.0026 U	0.0026 U	0.0026 U
Heptachlor	NT	NT	0.0027 U	NT	0.0026 U	0.0027 U	0.0026 U	0.0026 U	0.0026 U
Heptachlor epoxide	NT	NT	0.0027 U	NT	0.0026 U	0.0027 U	0.0026 U	0.0026 U	0.0026 U
Methoxychlor	NT	NT	0.013 U	NT	0.0026 U	0.0027 U	0.0026 U	0.0026 U	0.0026 U
Toxaphene	NT	NT	0.13 U	NT	0.26 U	0.27 U	0.26 U	0.26 U	0.26 U
Polychlorinated Biphenyls (PCB)			mg/kg						
Dilution Factor			1						
Aroclor 1016	NT	NT	0.027 U	NT	NT	NT	NT	NT	NT
Aroclor 1221	NT	NT	0.027 U	NT	NT	NT	NT	NT	NT
Aroclor 1232	NT	NT	0.027 U	NT	NT	NT	NT	NT	NT
Aroclor 1242	NT	NT	0.027 U	NT	NT	NT	NT	NT	NT
Aroclor 1248	NT	NT	0.027 U	NT	NT	NT	NT	NT	NT
Aroclor 1254	NT	NT	0.027 U	NT	NT	NT	NT	NT	NT
Aroclor 1260	NT	NT	0.027 U	NT	NT	NT	NT	NT	NT
Total PCBs	NT	NT	0.36	NT	NT	NT	NT	NT	NT
Metals, Target Analyte			mg/kg		mg/kg	mg/kg	mg/kg	mg/kg	
Dilution Factor			1		1	1	1	1	
Aluminum	7,190	NT	7,560	NT	8,670	10,500	4,810	5,950	
Antimony	0.54 U	NT	0.54 U	NT	0.53 U	0.54 U	0.52 U	0.53 U	U
Arsenic	2.48	NT	4.05	NT	1.54	1.93	1.04 U	1.39	
Barium	103	NT	79.70	NT	49.90	64	21.90	44.70	
Beryllium	0.11 U	NT	0.11 U	NT	0.11 U	0.11 U	0.10 U	0.11 U	U
Cadmium	0.33 U	NT	0.32 U	NT	0.32 U	0.32 U	0.31 U	0.32 U	U
Calcium	1,170	NT	3,470	NT	662	1,140	1,470	2,040	
Chromium	14.50	NT	16.10	NT	16.80	18.40	9.48	13.50	
Cobalt	5.59	NT	5.85	NT	6.11	7.91	5.16	6.04	
Copper	26.20	NT	33.20	NT	15.50	20.30	13.70	22.20	
Iron	10,600	NT	12,600	NT	13,500	17,000	8,870	12,400	
Lead	73.30	NT	148	NT	46.80	57.50	4.17	48.40	
Magnesium	2,160	NT	3,270	NT	2,470	3,060	2,490	2,750	
Manganese	360	NT	279	NT	339	416	245	263	
Nickel	10.90	NT	12.90	NT	13.40	15.90	9.18	12.90	
Potassium	640	NT	1,060	NT	831	1,010	703	919	
Selenium	1.50	NT	1.07 U	NT	2.08	2.57	1.04 U	1.48	
Silver	0.54 U	NT	0.54 U	NT	0.53 U	0.54 U	0.52 U	0.53 U	U
Sodium	117	NT	202	NT	73.40	92.70	180	113	U
Thallium	1.09 U	NT	1.07 U	NT	1.05 U	1.07 U	1.04 U	1.05 U	U
Vanadium	16.70	NT	23.40	NT	20.40	30.40	15.50	19	
Zinc	51.20	NT	108	NT	55.10	68.50	21.40	76.20	
Mercury by 7473			mg/kg		mg/kg	mg/kg	mg/kg	mg/kg	
Dilution Factor			1		1	1	1	1	
Mercury	0.083	NT	0.21	NT	0.038	0.066	0.031 U	0.038	
Chromium, Hexavalent			mg/kg		mg/kg	mg/kg	mg/kg	mg/kg	
Dilution Factor			1		1	1	1	1	
Chromium, Hexavalent	0.54 U	NT	1.84	NT	0.53 U	0.54 U	0.52 U	0.53 U	U
Total Solids			%		%	%	%	%	
Dilution Factor			1		1	1	1	1	
% Solids	91.90	95.20	93.30	96.10	95	93.50	95.70	95	

Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution

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

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

E=result is estimated and cannot be accurately reported due to levels encountered or interferences

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

Table 4 (Con't)
Waste Characterization Summary (Lead Area)

Sample ID Sample Depth Laboratory ID Sampling Date Sample Matrix	C-1 0'-10' 15F0333-02 6/9/2015 Soil		G-1 6'-8' 15F0333-03 6/9/2015 Soil		G-2 6'-8' 15F0333-04 6/9/2015 Soil	
	Result	Q	Result	Q	Result	Q
Total Petroleum Hydrocarbons-GRO (C5-C10)						
Dilution Factor			mg/kg 100		mg/kg 100	
Total Petroleum Hydrocarbons-GRO	NT		74.20	U	88.10	U
Volatle Organics, 8260 - Comprehensive			mg/kg 1			
Dilution Factor						
1,1,1,2-Tetrachloroethane	NT		0.0025	U	NT	
1,1,1-Trichloroethane	NT		0.0025	U	NT	
1,1,2,2-Tetrachloroethane	NT		0.0025	U	NT	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NT		0.0025	U	NT	
1,1,2-Trichloroethane	NT		0.0025	U	NT	
1,1-Dichloroethane	NT		0.0025	U	NT	
1,1-Dichloroethylene	NT		0.0025	U	NT	
1,2,3-Trichlorobenzene	NT		0.0025	U	NT	
1,2,3-Trichloropropane	NT		0.0025	U	NT	
1,2,4-Trichlorobenzene	NT		0.0025	U	NT	
1,2,4-Trimethylbenzene	NT		0.0025	U	NT	
1,2-Dibromo-3-chloropropane	NT		0.0025	U	NT	
1,2-Dibromoethane	NT		0.0025	U	NT	
1,2-Dichlorobenzene	NT		0.0025	U	NT	
1,2-Dichloroethane	NT		0.0025	U	NT	
1,2-Dichloropropane	NT		0.0025	U	NT	
1,3,5-Trimethylbenzene	NT		0.0025	U	NT	
1,3-Dichlorobenzene	NT		0.0025	U	NT	
1,4-Dichlorobenzene	NT		0.0025	U	NT	
1,4-Dioxane	NT		0.051	U	NT	
2-Butanone	NT		0.0025	U	NT	
2-Hexanone	NT		0.0025	U	NT	
4-Methyl-2-pentanone	NT		0.0025	U	NT	
Acetone	NT		0.0051	U	NT	
Acrolein	NT		0.0051	U	NT	
Acrylonitrile	NT		0.0025	U	NT	
Benzene	NT		0.0025	U	NT	
Bromochloromethane	NT		0.0025	U	NT	
Bromodichloromethane	NT		0.0025	U	NT	
Bromoforn	NT		0.0025	U	NT	
Bromomethane	NT		0.0025	U	NT	
Carbon disulfide	NT		0.0025	U	NT	
Carbon tetrachloride	NT		0.0025	U	NT	
Chlorobenzene	NT		0.0025	U	NT	
Chloroethane	NT		0.0025	U	NT	
Chloroform	NT		0.0025	U	NT	
Chloromethane	NT		0.0025	U	NT	
cis-1,2-Dichloroethylene	NT		0.0025	U	NT	
cis-1,3-Dichloropropylene	NT		0.0025	U	NT	
Cyclohexane	NT		0.0025	U	NT	
Dibromochloromethane	NT		0.0025	U	NT	
Dibromomethane	NT		0.0025	U	NT	
Dichlorodifluoromethane	NT		0.0025	U	NT	
Ethyl Benzene	NT		0.0025	U	NT	
Hexachlorobutadiene	NT		0.0025	U	NT	
Isopropylbenzene	NT		0.0025	U	NT	
Methyl acetate	NT		0.0025	U	NT	
Methyl tert-butyl ether (MTBE)	NT		0.0025	U	NT	
Methylcyclohexane	NT		0.0025	U	NT	
Methylene chloride	NT		0.016	U	NT	
n-Butylbenzene	NT		0.0025	U	NT	
n-Propylbenzene	NT		0.0025	U	NT	
p-Isopropyltoluene	NT		0.0025	U	NT	
sec-Butylbenzene	NT		0.0025	U	NT	
Styrene	NT		0.0025	U	NT	
tert-Butyl alcohol (TBA)	NT		0.0025	U	NT	
tert-Butylbenzene	NT		0.0025	U	NT	
Tetrachloroethylene	NT		0.012	U	NT	
Toluene	NT		0.0025	U	NT	
trans-1,2-Dichloroethylene	NT		0.0025	U	NT	
trans-1,3-Dichloropropylene	NT		0.0025	U	NT	
Trichloroethylene	NT		0.0025	U	NT	
Trichlorofluoromethane	NT		0.0025	U	NT	
Vinyl Chloride	NT		0.0025	U	NT	
Xylenes, Total	NT		0.0076	U	NT	
Volatle Organics, TCLP RCRA List			mg/L 10			
Dilution Factor						
1,1-Dichloroethylene	NT		0.025	U	NT	
1,2-Dichloroethane	NT		0.025	U	NT	
1,4-Dichlorobenzene	NT		0.025	U	NT	
2-Butanone	NT		0.025	U	NT	
Benzene	NT		0.025	U	NT	
Carbon tetrachloride	NT		0.025	U	NT	
Chlorobenzene	NT		0.025	U	NT	
Chloroform	NT		0.025	U	NT	
Tetrachloroethylene	NT		0.025	U	NT	
Trichloroethylene	NT		0.025	U	NT	
Vinyl Chloride	NT		0.025	U	NT	

Table 4 (Con't)
Waste Characterization Summary (Lead Area)

Semi-Volatiles, 8270 - Comprehensive	mg/kg			
Dilution Factor	2			
1,1'-Biphenyl	0.068	U	NT	NT
1,2,4,5-Tetrachlorobenzene	0.14	U	NT	NT
1,2,4-Trichlorobenzene	0.068	U	NT	NT
1,2-Dichlorobenzene	0.068	U	NT	NT
1,2-Diphenylhydrazine (as Azobenzene)	0.068	U	NT	NT
1,3-Dichlorobenzene	0.068	U	NT	NT
1,4-Dichlorobenzene	0.068	U	NT	NT
2,3,4,6-Tetrachlorophenol	0.14	U	NT	NT
2,4,5-Trichlorophenol	0.068	U	NT	NT
2,4,6-Trichlorophenol	0.068	U	NT	NT
2,4-Dichlorophenol	0.068	U	NT	NT
2,4-Dimethylphenol	0.068	U	NT	NT
2,4-Dinitrophenol	0.14	U	NT	NT
2,4-Dinitrotoluene	0.068	U	NT	NT
2,6-Dinitrotoluene	0.068	U	NT	NT
2-Chloronaphthalene	0.068	U	NT	NT
2-Chlorophenol	0.068	U	NT	NT
2-Methylnaphthalene	0.068	U	NT	NT
2-Methylphenol	0.068	U	NT	NT
2-Nitroaniline	0.14	U	NT	NT
2-Nitrophenol	0.068	U	NT	NT
3- & 4-Methylphenols	0.068	U	NT	NT
3,3'-Dichlorobenzidine	0.068	U	NT	NT
3-Nitroaniline	0.14	U	NT	NT
4,6-Dinitro-2-methylphenol	0.14	U	NT	NT
4-Bromophenyl phenyl ether	0.068	U	NT	NT
4-Chloro-3-methylphenol	0.068	U	NT	NT
4-Chloroaniline	0.068	U	NT	NT
4-Chlorophenyl phenyl ether	0.068	U	NT	NT
4-Nitroaniline	0.14	U	NT	NT
4-Nitrophenol	0.14	U	NT	NT
Acenaphthene	0.068	U	NT	NT
Acenaphthylene	0.068	U	NT	NT
Acetophenone	0.068	U	NT	NT
Aniline	0.27	U	NT	NT
Anthracene	0.17	D	NT	NT
Atrazine	0.068	U	NT	NT
Benzaldehyde	0.068	U	NT	NT
Benzidine	0.27	U	NT	NT
Benzo(a)anthracene	0.66	D	NT	NT
Benzo(a)pyrene	0.43	D	NT	NT
Benzo(b)fluoranthene	0.42	D	NT	NT
Benzo(g,h,i)perylene	0.32	D	NT	NT
Benzo(k)fluoranthene	0.41	D	NT	NT
Benzoic acid	0.068	U	NT	NT
Benzyl alcohol	0.068	U	NT	NT
Benzyl butyl phthalate	0.068	U	NT	NT
Bis(2-chloroethoxy)methane	0.068	U	NT	NT
Bis(2-chloroethyl)ether	0.068	U	NT	NT
Bis(2-chloroisopropyl)ether	0.068	U	NT	NT
Bis(2-ethylhexyl)phthalate	0.068	U	NT	NT
Caprolactam	0.14	U	NT	NT
Carbazole	0.078	JD	NT	NT
Chrysene	0.60	D	NT	NT
Dibenzo(a,h)anthracene	0.10	JD	NT	NT
Dibenzofuran	0.068	U	NT	NT
Diethyl phthalate	0.068	U	NT	NT
Dimethyl phthalate	0.068	U	NT	NT
Di-n-butyl phthalate	0.068	U	NT	NT
Di-n-octyl phthalate	0.068	U	NT	NT
Fluoranthene	1.27	D	NT	NT
Fluorene	0.068	U	NT	NT
Hexachlorobenzene	0.068	U	NT	NT
Hexachlorobutadiene	0.068	U	NT	NT
Hexachlorocyclopentadiene	0.068	U	NT	NT
Hexachloroethane	0.068	U	NT	NT
Indeno(1,2,3-cd)pyrene	0.27	D	NT	NT
Isophorone	0.068	U	NT	NT
Naphthalene	0.068	U	NT	NT
Nitrobenzene	0.068	U	NT	NT
N-Nitrosodimethylamine	0.068	U	NT	NT
N-nitroso-di-n-propylamine	0.068	U	NT	NT
N-Nitrosodiphenylamine	0.068	U	NT	NT
Pentachlorophenol	0.068	U	NT	NT
Phenanthrene	0.74	D	NT	NT
Phenol	0.068	U	NT	NT
Pyrene	1.14	D	NT	NT
Semi-Volatiles, TCLP RCRA Target List	mg/L			
Dilution Factor	1			
1,4-Dichlorobenzene	0.0065	U	NT	NT
2,4,5-Trichlorophenol	0.0072	U	NT	NT
2,4,6-Trichlorophenol	0.0065	U	NT	NT
2,4-Dinitrotoluene	0.0047	U	NT	NT
2-Methylphenol	0.0017	U	NT	NT
3- & 4-Methylphenols	0.0074	U	NT	NT
Cresols, total	0.0074	U	NT	NT
Hexachlorobenzene	0.0059	U	NT	NT
Hexachlorobutadiene	0.0066	U	NT	NT
Hexachloroethane	0.0073	U	NT	NT
Nitrobenzene	0.0039	U	NT	NT
Pentachlorophenol	0.0075	U	NT	NT
Pyridine	0.0064	U	NT	NT
Semi-Volatiles, Tentatively Identified Cmpds.	mg/kg			
Dilution Factor	2			
Tentatively Identified Compounds	0	U	NT	NT

Table 4 (Con't)
Waste Characterization Summary (Lead Area)

Total Petro. Hydrocarbons-DRO (C10-C44)	mg/kg		mg/kg		mg/kg	
Dilution Factor	1		1		1	
Total Petroleum Hydrocarbons-DRO	208		332		301	
Herbicides, TCLP Target List	mg/L					
Dilution Factor	1					
2,4,5-TP (Silvex)	0.0050	U	NT		NT	
2,4-D	0.0050	U	NT		NT	
Pesticides, TCLP RCRA List	mg/L					
Dilution Factor	1					
Chlordane, total	0.0005	U	NT		NT	
Endrin	0.0001	U	NT		NT	
gamma-BHC (Lindane)	0.0001	U	NT		NT	
Heptachlor	0.0001	U	NT		NT	
Heptachlor epoxide	0.0001	U	NT		NT	
Methoxychlor	0.0001	U	NT		NT	
Toxaphene	0.0013	U	NT		NT	
Polychlorinated Biphenyls (PCB)	mg/kg					
Dilution Factor	1					
Aroclor 1016	0.018	U	NT		NT	
Aroclor 1221	0.018	U	NT		NT	
Aroclor 1232	0.018	U	NT		NT	
Aroclor 1242	0.018	U	NT		NT	
Aroclor 1248	0.018	U	NT		NT	
Aroclor 1254	0.018	U	NT		NT	
Aroclor 1260	0.019	U	NT		NT	
Total PCBs	0.019		NT		NT	
Copper, TCLP by EPA 6010	mg/L					
Dilution Factor	1					
Copper	0.32		NT		NT	
Metals, Target Analyte	mg/kg					
Dilution Factor	1					
Aluminum	8,120		NT		NT	
Antimony	0.55	U	NT		NT	
Arsenic	5.60		NT		NT	
Barium	144		NT		NT	
Beryllium	0.11	U	NT		NT	
Cadmium	0.72		NT		NT	
Calcium	10,200		NT		NT	
Chromium	17.40		NT		NT	
Cobalt	7.76		NT		NT	
Copper	72.30		NT		NT	
Iron	17,400		NT		NT	
Lead	243		NT		NT	
Magnesium	4,770		NT		NT	
Manganese	329		NT		NT	
Nickel	17.70		NT		NT	
Potassium	1,350		NT		NT	
Selenium	1.76		NT		NT	
Silver	0.55	U	NT		NT	
Sodium	553		NT		NT	
Thallium	1.09	U	NT		NT	
Vanadium	28		NT		NT	
Zinc	215		NT		NT	
Metals, TCLP RCRA	mg/L					
Dilution Factor	1					
Arsenic	0.0040	U	NT		NT	
Barium	0.45		NT		NT	
Cadmium	0.0060		NT		NT	
Chromium	0.0050	U	NT		NT	
Lead	0.47		NT		NT	
Selenium	0.010	U	NT		NT	
Silver	0.0050	U	NT		NT	
Nickel, TCLP by EPA 6010	mg/L					
Dilution Factor	1					
Nickel	0.012		NT		NT	
Zinc, TCLP by EPA 6010	mg/L					
Dilution Factor	1					
Zinc	1		NT		NT	
Mercury by 7473	mg/kg					
Dilution Factor	1					
Mercury	0.30		NT		NT	
Mercury TCLP by 7473	mg/L					
Dilution Factor	1					
Mercury	0.0002	U	NT		NT	
Chromium, Hexavalent	mg/kg					
Dilution Factor	1					
Chromium, Hexavalent	0.55	U	NT		NT	
Corrosivity	pH units					
Dilution Factor	1					
pH	8.21		NT		NT	
Ignitability						
Dilution Factor	1					
Ignitability	Non-Ignit.		NT		NT	
Reactivity-Cyanide	mg/kg					
Dilution Factor	1					
Reactivity - Cyanide	0.25	U	NT		NT	
Reactivity-Sulfide	mg/kg					
Dilution Factor	1					
Reactivity - Sulfide	16		NT		NT	
TCLP Extraction for METALS EPA 1311	N/A					
Dilution Factor	1					
TCLP Extraction	Completed		NT		NT	
TCLP Extraction for SVOCs/PEST/HERB	N/A					
Dilution Factor	1					
TCLP Extraction	Completed		NT		NT	
TCLP Extraction for VOA by EPA 1311 ZHE	%					
Dilution Factor	1					
TCLP Extraction	NT		Completed		NT	
Total Solids	%		%		%	
Dilution Factor	1		1		1	
% Solids	91.80		93		90.80	

Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution

J=analyte detected at or above the MDL but below the RL- data is estimated

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

E=result is estimated and cannot be accurately reported due to levels encountered or interferences

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

~this indicates that no regulatory limit has been established for this analyte

FIGURES

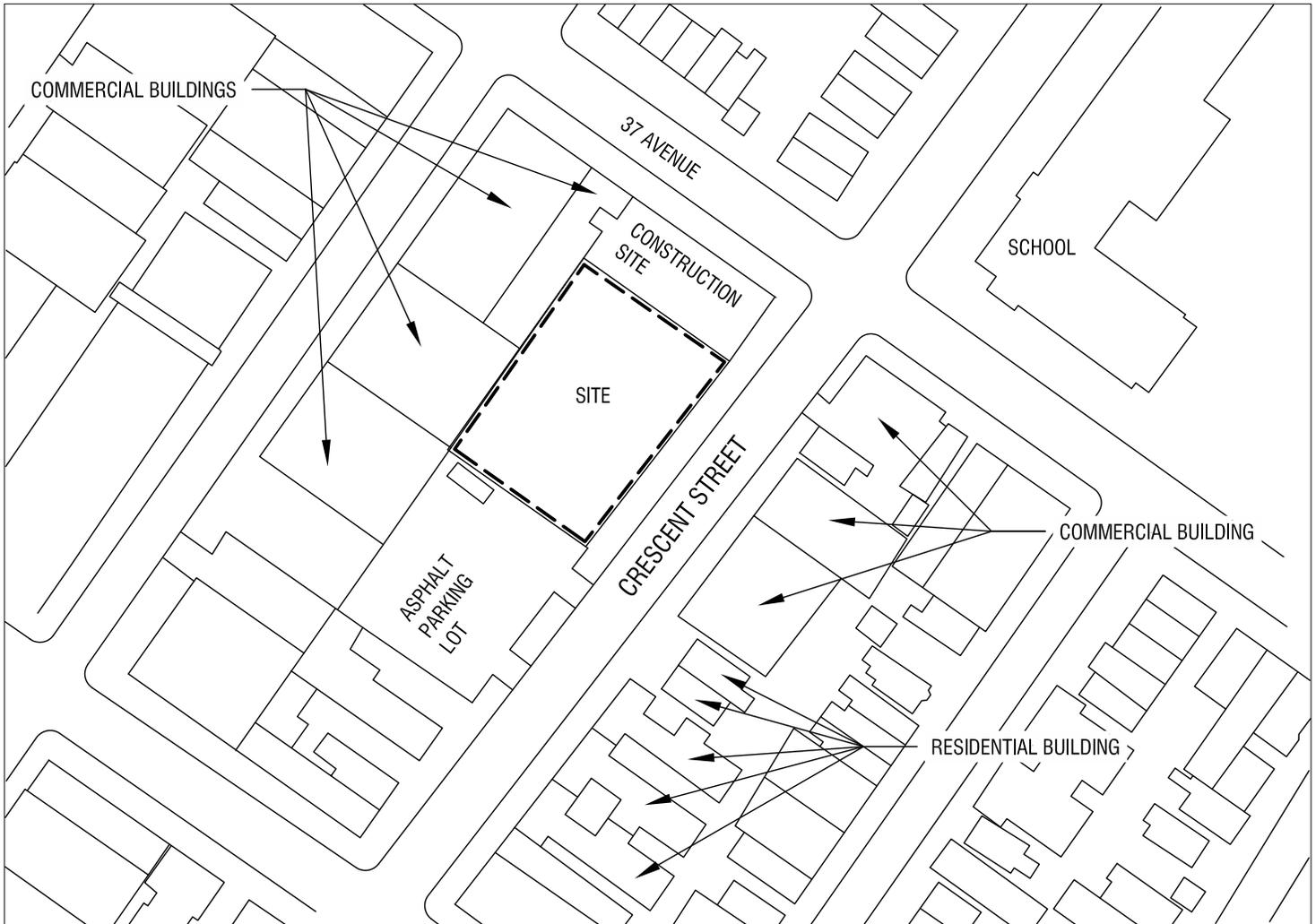
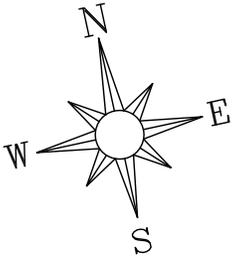


Figure 1 - Site Location Map
37-10 Crescent Street
Queens, New York



PREPARED FOR: 37-10 CRESCENT STREET OWNER, LLC
PROJECT MANAGER: EZGI KARAYEL
DRAWN BY: ETHAN RAINEY

DATE: 12/02/2015
PROJECT#:14-133-1037



Legend:

----- BUILDING / PROPERTY BOUNDARY



**ATHENICA
ENVIRONMENTAL
SERVICES, INC.,**
Environmental Consultants

Site map: 37-10 CRESCENT STREET
QUEENS, NY 11377

Figure: 2
Title: REMEDIAL ACTION REPORT
SITE BOUNDARY MAP

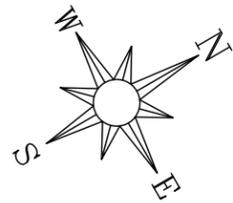
Date: January 29, 2016

Drawn by: EZGI KARAYEL

Checked by: MAYA ZUNG

Drawing Scale: N.T.S.

Project No.: 14-133-1037



RENDERING VIEW I
37-10 CRESCENT STREET
DECEMBER 16, 2015

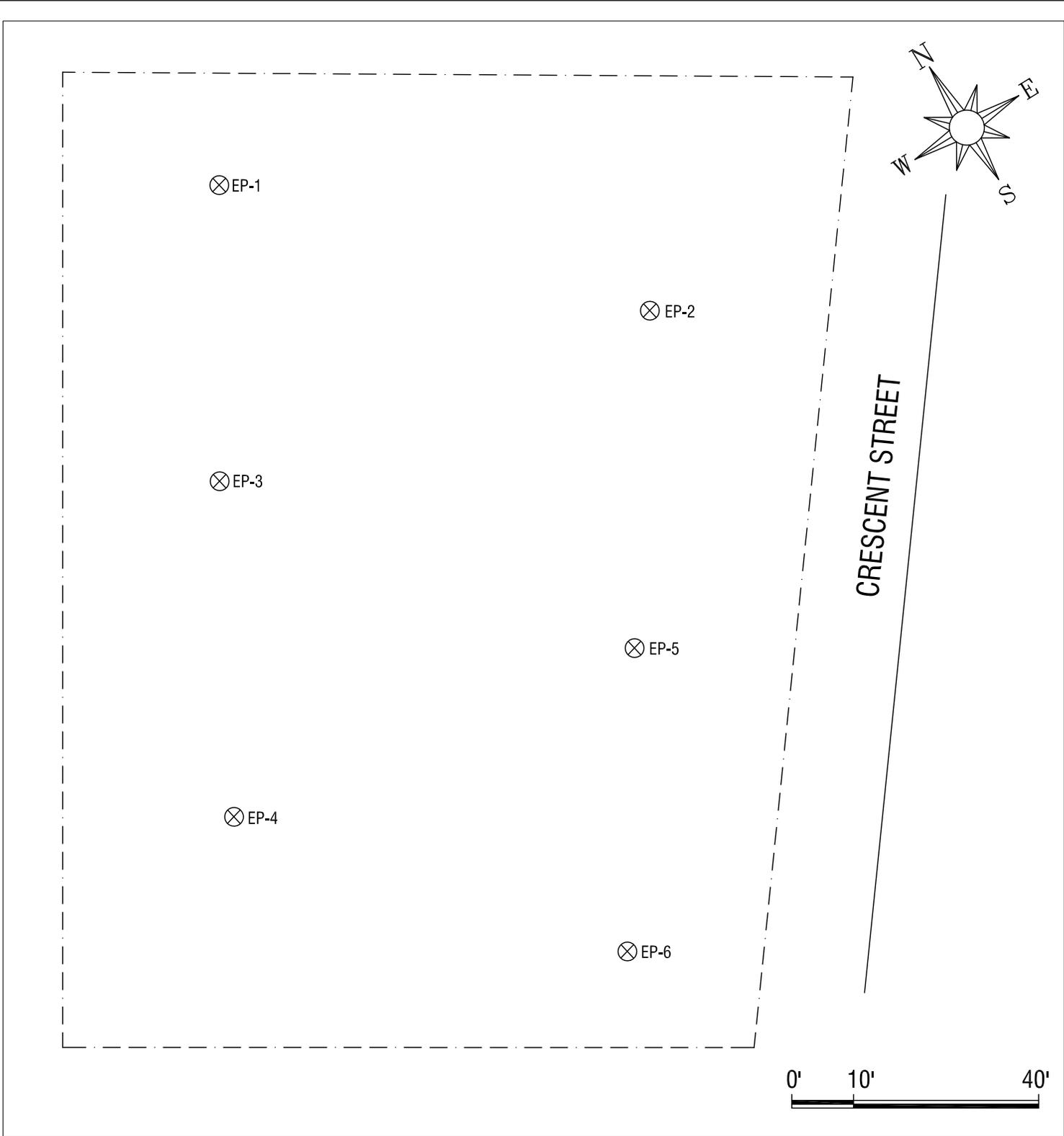
FOGARTY FINGER
architecture | interiors

Legend:



ATHENICA
ENVIRONMENTAL
SERVICES, INC.
Environmental Consultants

Site map:	37-10 CRESCENT STREET QUEENS, NY 11101
Figure:	3
Title:	REMEDIAL ACTION REPORT SITE REDEVELOPMENT PLAN
Date:	January 29, 2016
Drawn by:	EZGI KARAYEL
Checked by:	MAYA ZUNG
Drawing Scale:	AS NOTED
Project No.:	14-133-1037

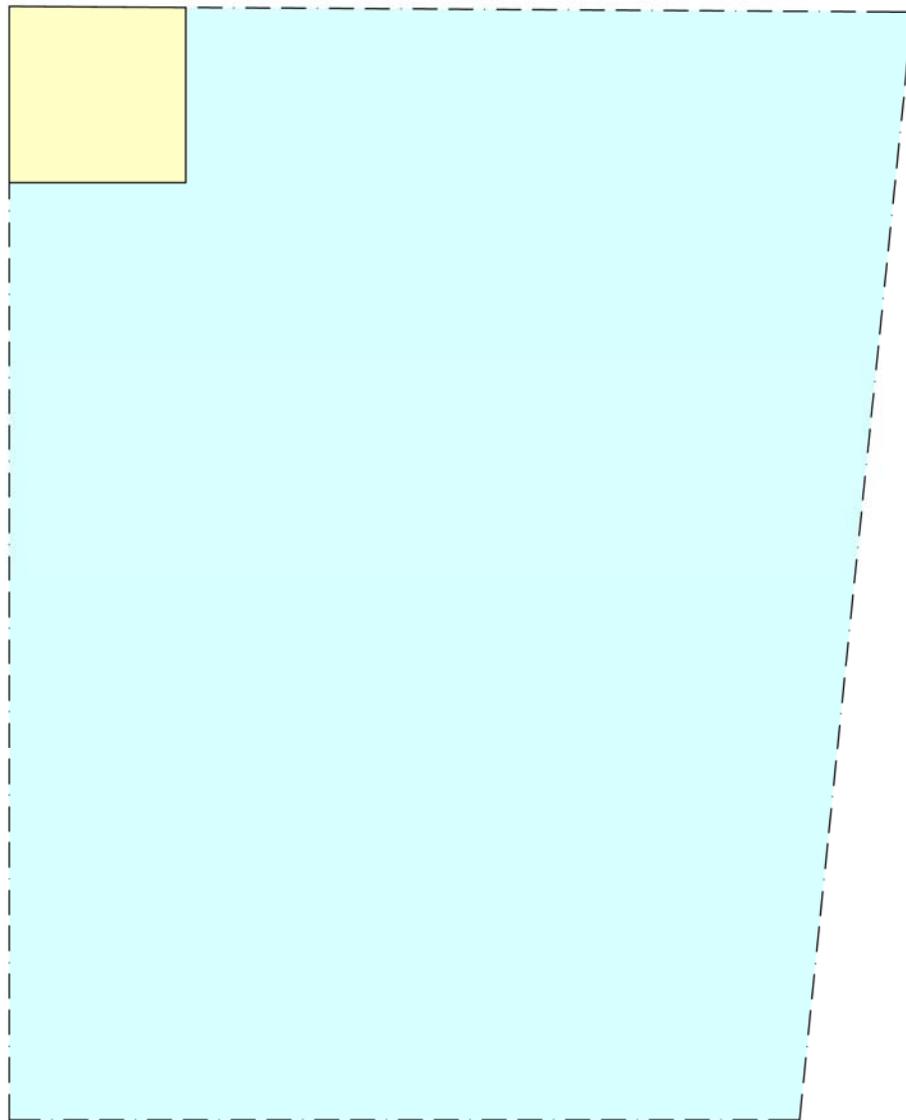
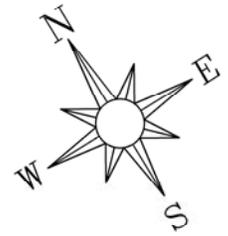


Legend:

⊗ EP-X	POST-EXCAVATION SOIL SAMPLING LOCATION AND DESIGNATION NUMBER
- - - - -	SITE BOUNDARY



Site map:	37-10 CRESCENT STREET QUEENS, NY 11377
Figure: Title:	4 REMEDIAL ACTION REPORT END-POINT SAMPLING LOCATIONS
Date:	DECEMBER 2, 2015
Drawn by:	ETHAN RAINEY
Checked by:	EZGI KARAYEL
Drawing Scale:	AS NOTED
Project No.:	14-133-1037



CRESCENT STREET



Legend:



EXCAVATION LOCATION TO 12' BGS



HOTSPOT REMOVAL LOCATION TO 12' BGS



SITE BOUNDARY



**ATHENICA
ENVIRONMENTAL
SERVICES, INC.**
Environmental Consultants

Site map: 37-10 CRESCENT STREET
QUEENS, NY 11377

Figure: 5
Title: Map of Location and Depth of Excavations
and Location of Hotspot Removal

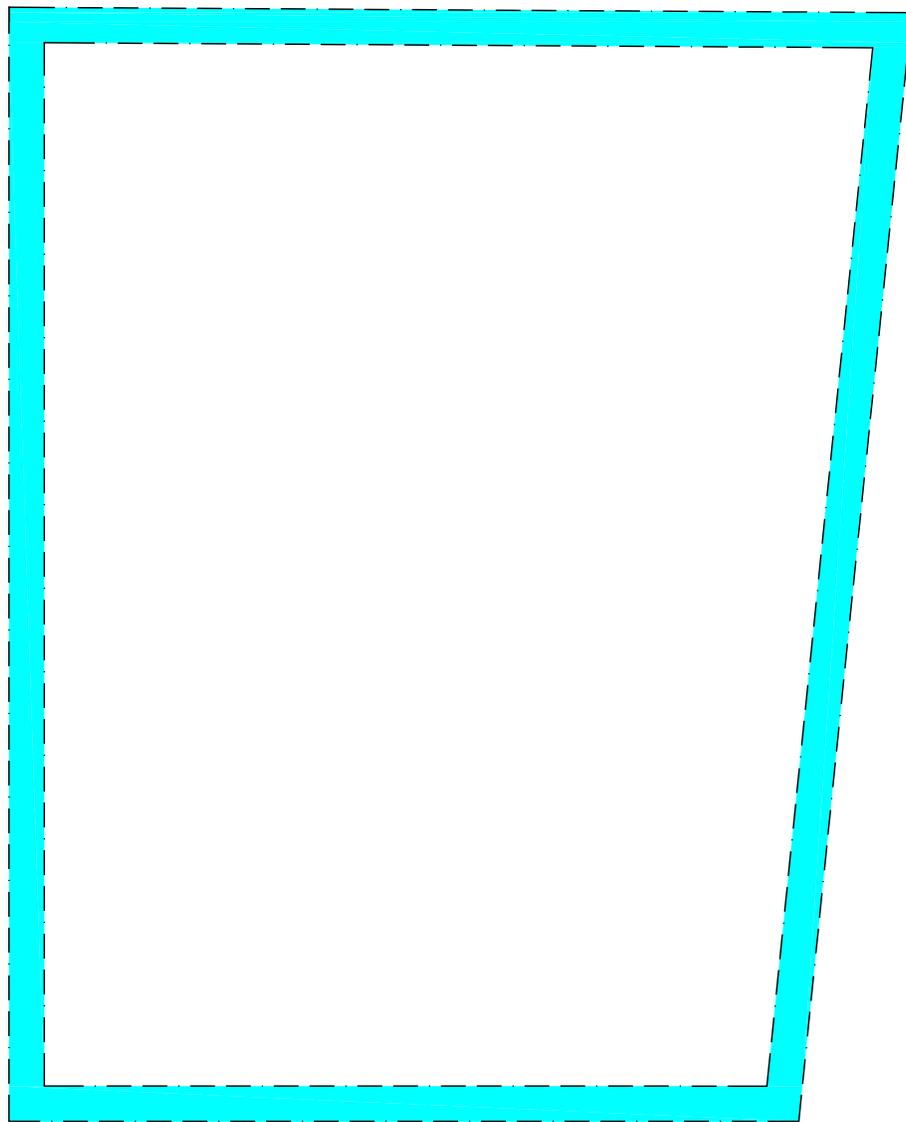
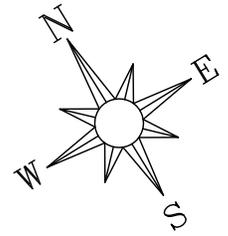
Date: JANUARY 3, 2016

Drawn by: MAYA ZUNG

Checked by: EZGI KARAYEL

Drawing Scale: AS NOTED

Project No.: 14-133-1037



CRESCENT STREET



Legend:



Reused Soil



SITE BOUNDARY

Notes:

Clean native soil was reused behind all foundation walls on site



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ENVIRONMENTAL
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Environmental Consultants

Site map: 37-10 CRESCENT STREET
QUEENS, NY 11377

Figure: 6
Title: Map of Soil/Fill Reuse Locations

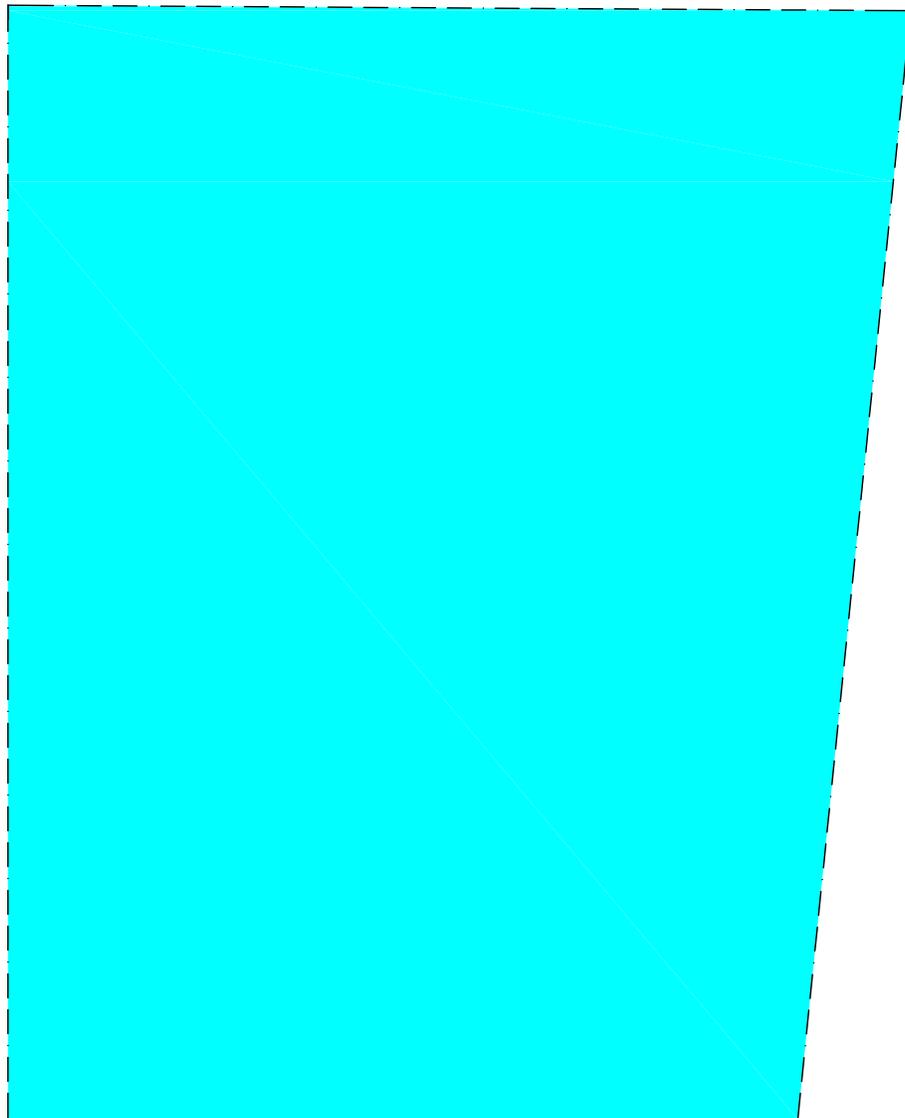
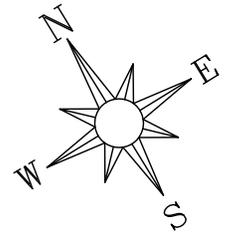
Date: JANUARY 3, 2016

Drawn by: MAYA ZUNG

Checked by: EZGI KARAYEL

Drawing Scale: AS NOTED

Project No.: 14-133-1037



CRESCENT STREET



Legend:

-  COMPOSITE COVER LOCATION
5" CONCRETE SLAB
-  SITE BOUNDARY



Site map: 37-10 CRESCENT STREET
QUEENS, NY 11377

Figure: 7
Title: Map of Composite Cover System

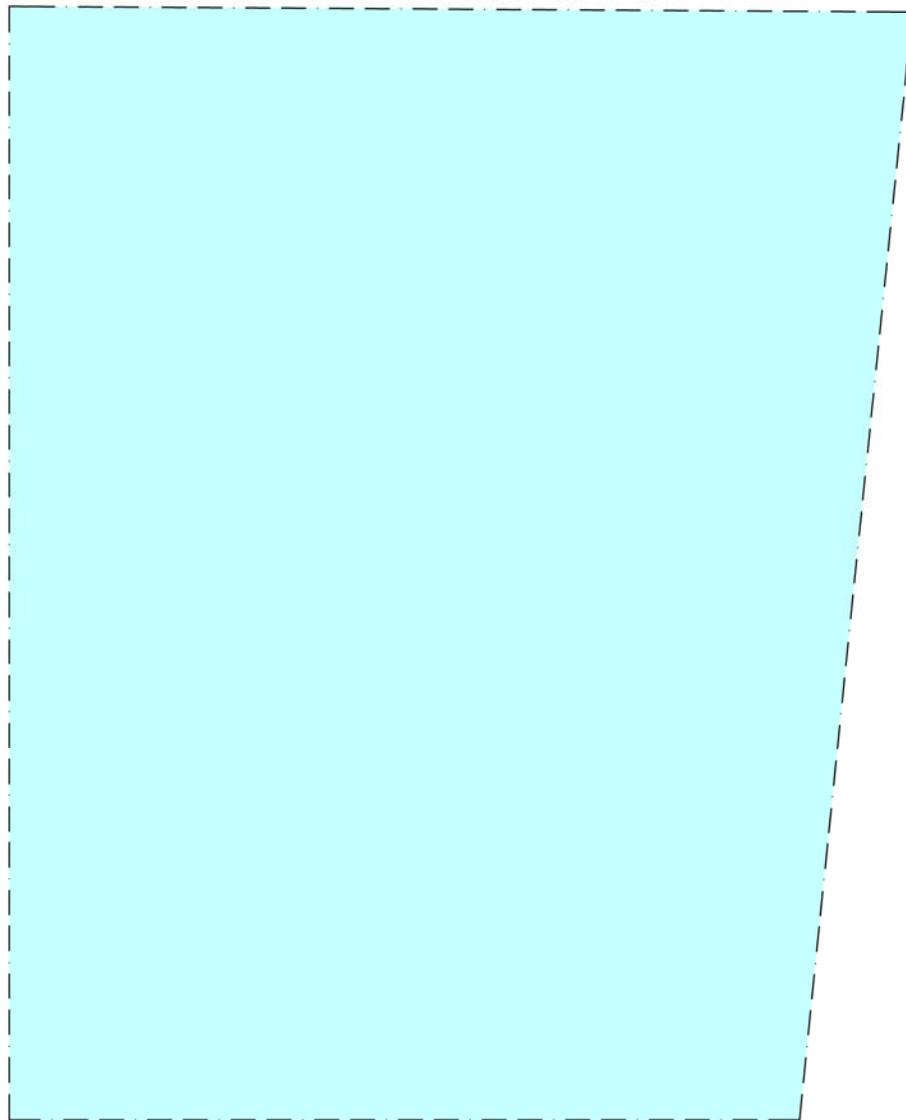
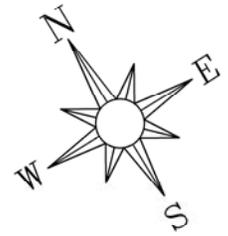
Date: JANUARY 3, 2016

Drawn by: MAYA ZUNG

Checked by: EZGI KARAYEL

Drawing Scale: AS NOTED

Project No.: 14-133-1037



CRESCENT STREET



Legend:



VAPOR BARRIER LOCATION



SITE BOUNDARY



**ATHENICA
ENVIRONMENTAL
SERVICES, INC.**
Environmental Consultants

Site map: 37-10 CRESCENT STREET
QUEENS, NY 11377

Figure: 8
Title: Map of Vapor Barrier System

Date: JANUARY 3, 2016

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Checked by: EZGI KARAYEL

Drawing Scale: AS NOTED

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