929 - 933 ATLANTIC AVENUE

BROOKLYN, NEW YORK, 11238

Remedial Investigation Report

NYC VCP Site Number: 15CVCP055K

OER Project Number 15EH-N004K

Prepared for:

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REMEDIAL INVESTIGATION REPORT

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LIST OF ACRONYMS

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

CERTIFICATION

I, David Oloke, am a Qualified Environmental Professional, as defined in RCNY § 43-1402(ar). I have primary direct responsibility for implementation of the Remedial Investigation for the Site located at 929 – 933 Atlantic Avenue, Brooklyn NY, (NYC VCP Site No. 15CVCP055K and OER Project # 14EH-N004K). I am responsible for the content of this Remedial Investigation Report (RIR), have reviewed its contents and certify that this RIR is accurate to the best of my knowledge and contain all available environmental information and data regarding the property.

Qualified Environmental Professional Date Signature

EXECUTIVE SUMMARY

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

Site Location and Current Usage

The Site is located in the Clinton Hill section of Brooklyn, New York and is identified as Block 2018 and Lots 54, 55 & 56 on the New York City Tax Map. Figure 1 is a Site location map. Lot 56 (929 Atlantic Avenue) is improved with a one-story concrete block building with basement built in 1930. The building was formerly occupied by Sal Palais Auto Glass Inc and is now currently vacant. Based on information obtained from NYC DCP, lot 56 is approximately 1,797 square feet (sf).

The associated parking space - Lot 54 (933 Atlantic Avenue) and Lot 55 (931 Atlantic Avenue) is asphalt paved and secured with a chain-linked gated fence. Based on information obtained from the NYC DCP, the parking lot is 2,660 sf .

The Site has a combined area of 4,457 sf and is bounded by multi-family walkup buildings to the north, Atlantic Avenue to the south, Sunoco gasoline service station to the east, and an auto repair shop to the west (see Figure 2 – Site Map).

Summary of Proposed Redevelopment Plan

The proposed use of the Site will consist of a new 8 story building with a full cellar. The Building will have one new residential elevator with travel to the communal roof top. The size of the lot (three lots combined) is 4,457 sf. The building will have 26 residential units. The 1st & 2nd Floors will have 3 apartments per floor - 6 apartments total *(two of the ground floor apartments will be duplex units with access to rear yard from cellar).* The 3rd, 4th, 5th & 6th Floors will have 4 apartments per floor - 16 apartments total. The 7th & 8th Floors will have 2 apartments per floor - 4 apartments total *(apartments will have roof terraces at set back height).*

The building is in an R7A / C2-4 area - residential FAR is 4 and parking is not required. The footprint of the new building will be 2,734 sf (smaller than 65% lot coverage required). The

height of the new building will be 80' with a 10' setback at 60' facing a wide street. The total buildable square footage will be 21,585 sf of which 2,734 sf will be a full basement.

Summary of Past Uses of Site and Areas of Concern

A Phase I Environmental Site Assessment Report was prepared by Alpha-Hydro Environmental (AHE) in June 9, 2014. A copy of the Phase I have been sent to the OER. Based on the Sanborn Maps, it shows that the property consists of three lots (54, 55 & 56) and each was developed as a three-story store building dating back to 1887. In 1969, one of the three-story store buildings was converted for residential use and was later demolished by 1977. The Sanborn Map of 1980 - 1993 indicates that the only structure remaining on the subject property was identified on lot 56 which was operated as an auto glazing shop. The other two lots (54 & 55) were vacant and utilized as parking lot. The City Directory abstracts for the subject property indicates that 929 Atlantic Avenue (lot 56) was historically operated by Palais Glass Company from the year 1960 – 2013. 931 Atlantic Avenue (lot 55) was operated as a restaurant (Billichak Restaurant) during 1934 – 1940 and as a Tire Service center (Lous Tire Service) during 1949 – 1976. 933 Atlantic Avenue (lot 54) was a mixed use residential and commercial property from the year 1934 through 1960.

The AOCs identified for this Site include:

1. The Site was historically utilized as an auto glass repair shop and is located adjacent to a petroleum bulk storage facility (941 Atlantic Avenue).
2. Historic fill layer is present at the Site from grade to depths of at least 8 feet below grade.

Summary of the Work Performed under the Remedial Investigation

1. Conducted a Site inspection to identify AOCs and physical obstructions
2. Installed five soil probes across the entire project Site, and collected ten soil samples and one duplicate for chemical analysis from the soil borings to evaluate soil quality;
3. Installed one temporary groundwater well point at the southeast portion of the Site for chemical analysis to evaluate groundwater quality;
4. Installed three soil vapor probes on the subject property. Two sub-slab soil vapor probes were installed within the basement of the one story building and the third soil vapor probe within the asphalt paved parking lot for chemical analysis.

Summary of Environmental Findings

1. Elevation of the Site is approximately 80 feet above mean sea level
2. Depth to groundwater is approximately 70 feet at the Site.
3. Groundwater flow is generally from east to west beneath the Site.
4. Depth to bedrock at the site could not be determined due to the limited subsurface investigation performed at the Site.
5. The stratigraphy of the site, from the surface down consists of historic fill to approximately 8 feet which is underlain by native brown, fine grained sandy clay.
6. Analytical results were compared to NYSDEC 6NYCRR Part 375-6.8 Unrestricted Use Soil Cleanup Objectives (SCOs) and Restricted Residential Use SCOs. The RI showed no VOCs and PCBs at a concentration above Unrestricted Use SCOs. Several SVOCs were detected within the historic fill and exceeded Unrestricted Use SCOs. Of these, benz(a)anthracene (maximum of 32,000 µg/Kg), benzo(a)pyrene (maximum of 27,600 µg/Kg), benzo(b)-fluoranthene (maximum of 18,300 µg/Kg), benzo(k)fluoranthene (maximum of 15,300 µg/Kg), chrysene (maximum of 25,300 µg/Kg), dibenzo(a)anthracene (1,810 µg/Kg) and Indeno (1,2,3-cd) pyrene (maximum 7,520 µg/Kg) exceeded Restricted Use Residential SCOs in one shallow and two deep soil sampling locations. The metals barium (690 mg/Kg), copper (max. 93.2 mg/Kg), lead (maximum of 707 mg/Kg), selenium (maximum of 4.69 mg/Kg), zinc (maximum of 306 mg/Kg) and mercury (maximum of 2.93 mg/Kg) were detected above the Unrestricted Residential Use SCOs. Of these, barium, lead and mercury exceeded Restricted Residential Use SCOs. Four pesticides including dieldrin (7.00 µg/Kg), 4,4-DDT (max. of 158 µg/Kg), 4,4-DDE (max. of 21.1 µg/Kg) and 4,4-DDD (max. of 7.14 µg/Kg) were detected above Unrestricted Use SCOs, but below Restricted Residential Use SCOs. Overall, soil results are consistent with historic fill material at sites throughout NYC.

7. Groundwater samples were compared to the New York State 6NYCRR Part 703.5 Class GA Groundwater Quality Standards (GQS). Groundwater sample results found no detectable concentrations of PCBs and pesticides. Several VOCs including chloroform (1.5µg/L), o-xylene (0.53 µg/L), p & m- xylene (0.53 µg/L), tetrachloroethylene (0.43 µg/L), toluene (0.36 µg/L) and trichloroethylene (0.87 µg/L) were detected in the groundwater sample below the GQS. All SVOCs were detected below their respective GQS. No metals were detected in the groundwater sample exceeding their respective GQS.

8. Soil vapor samples collected during the RI were compared to the compounds listed in New York State Department of Health (NYSDOH) Vapor Intrusion Matrices. Soil vapor sample results indicated petroleum related VOCs at a low concentration. The chlorinated VOCs - 1,1,1-trichloroethane (TCA) and tetrachloroethylene (PCE) were detected at a maximum concentration of 1.8 $\mu g/m^3$ and 350 $\mu g/m^3$ respectively exceeding the NYSDOH guidance values, while there was no detection for trichloroethylene (TCE) or carbon tetrachloride in any of the three soil vapor samples. Other compounds detected were at slightly elevated concentrations and includes acetone (maximum 2,200 $\mu g/m^3$), and dichlorofluoromethane (maximum of 430 $\mu g/m^3$). Petroleum-related VOCs (BTEX) were detected at a maximum concentration of 44 $\mu g/m^3$. PCE was detected in the monitoring level ranges established within the NYSDOH Final Guidance on Soil Vapor Intrusion.

REMEDIAL INVESTIGATION REPORT

1.0 SITE BACKGROUND

Elevation Holdings LLC has enrolled in the New York City Voluntary Cleanup Program (NYC VCP) to investigate and remediate a site located at 929 – 933 Atlantic Avenue in the Fort Green/Clinton Hill section of Brooklyn, New York. An eight-story residential building is proposed for the property. The RI work was performed on July 23, 2014. This RIR summarizes the nature and extent of contamination and provides sufficient information for establishment of remedial action objectives, evaluation of remedial action alternatives, and selection of a remedy that is protective of human health and the environment consistent with the use of the property pursuant to RCNY§ 43-1407(f).

1.1 Site Location and Current Usage

The Site is located in the Clinton Hill section of Brooklyn, New York and is identified as Block 2018 and Lots 54, 55 & 56 on the New York City Tax Map. Figure 1 is a Site location map. Lot 56 (929 Atlantic Avenue) is improved with a one-story concrete block building with basement built in 1930. The building was formerly occupied by Sal Palais Auto Glass Inc and is now currently vacant. Based on information obtained from NYC DCP, lot 56 is approximately 1,797 square feet (sf).

The associated parking space - Lot 54 (933 Atlantic Avenue) and Lot 55 (931 Atlantic Avenue) is asphalt paved and secured with a chain-linked gated fence. Based on information obtained from the NYC DCP, the parking lot is 2,660 sf .

The Site has a combined area of 4,457 sf and is bounded by multi-family walkup buildings to the north, Atlantic Avenue to the south, Sunoco gasoline service station to the east, and an auto repair shop to the west (see Figure 2 – Site Map).

1.2 Proposed Redevelopment Plan

The proposed use of the Site will consist of a new 8 story building with a full cellar. The Building will have one new residential elevator with travel to the communal roof top. The size of the lot (three lots combined) is 4,457 sf. The building will have 26 residential units. The 1st & 2nd Floors will have 3 apartments per floor - 6 apartments total *(two of the ground floor*

apartments will be duplex units with access to rear yard from cellar). The 3rd, 4th, 5th & 6th Floors will have 4 apartments per floor - 16 apartments total. The 7th & 8th Floors will have 2 apartments per floor - 4 apartments total *(apartments will have roof terraces at set back height).*

The building is in an R7A / C2-4 area - residential FAR is 4 and parking is not required. The footprint of the new building will be 2,734 sf (smaller than 65% lot coverage required). The height of the new building will be 80' with a 10' setback at 60' facing a wide street. The total buildable square footage will be 21,585 sf of which 2,734 sf will be a full basement.

1.3 Description of Surrounding Property

The area surrounding the Site consists of a mix of residential and commercial properties. Fig. 4 shows the surrounding land usage of the adjacent properties listed below as well as properties located up to 500 feet away from the Site. No hospitals, daycare facilities or schools are located within a 250 ft radius of the Site. The following surrounding and/or adjacent properties were identified based on the OER's Searchable Property Environmental E-Database.

North: 500 Grand Avenue, adjacent property (Block 2018, Lot 7501) – Developed as multi-family walkup building.

South: 970 Atlantic Avenue, opposite side of the Street (Block 1124, Lot 34) – Developed as mixed residential and commercial buildings

East: 506 Grand Avenue, adjacent property (Block 2018, Lot 46) – Developed as a gasoline service station

West: 927 Atlantic Avenue, adjacent property (Block 2018, lot 57) – Developed as an auto repair shop.

2.0 SITE HISTORY

2.1 Past Uses and Ownership

A Phase I Environmental Site Assessment Report was prepared by Alpha-Hydro Environmental (AHE) in June 9, 2014. A copy of the Phase I have been sent to the OER. Based on the Sanborn Maps, it shows that the property consists of three lots (54, 55 & 56) and each was developed as a three-story store building dating back to 1887. In 1969, one of the three-story store buildings was converted for residential use and was later demolished by 1977. The Sanborn Map of 1980 - 1993 indicates that the only structure remaining on the subject property was identified on lot 56 which was operated as an auto glazing shop. The other two lots (54 & 55) were vacant and utilized as parking lot. The City Directory abstracts for the subject property indicates that 929 Atlantic Avenue (lot 56) was historically operated by Palais Glass Company from the year 1960 – 2013. 931 Atlantic Avenue (lot 55) was operated as a restaurant (Billichak Restaurant) during 1934 – 1940 and as a Tire Service center (Lous Tire Service) during 1949 – 1976. 933 Atlantic Avenue (lot 54) was a mixed use residential and commercial property from the year 1934 through 1960. The former owner of the subject property was Mr. Sal Golombas. The subject property was recently purchased by Elevation Holdings LLC.

2.2 Previous Investigations

AHE is not aware of any previous investigation conducted at the Site. The current property owner is not aware of any previous investigation conducted at the Site.

2.3 Site Inspection

Mr. David Oloke of AHE performed the site inspection on Friday, May 23rd, 2014 at 9:30 am. The reconnaissance included a visual inspection of the Site, the sidewalk surrounding the Site, and the exterior of adjacent properties. The findings of the Site inspection reveal the following:

The subject property is improved with a one-story concrete block building with basement and an associated parking lot. The subject property was formerly occupied by Sal Palais Auto Glass Company. Access to the building is via a glass door and a rollup door which leads to an open floor space of the building. The main interior floor space consists of a high ceiling with skylight window, fluorescent light fixtures, hanging flood lights, ceiling fans and ceiling mounted natural

gas fired hot air unit. The interior walls and floor of the building is constructed with concrete blocks and bricks. Wall hangings consisting of vehicle accessories such as mirrors, windshield, windshield wiper blades and car door glass were observed in the repair garage of the building.

A portion of the main floor of the building is developed as a mezzanine. Access to the mezzanine is via a staircase along the west interior wall of the building. The mezzanine consists of employee lunch room, a bathroom, an open space with storage shelves for parts and other vehicle accessories.

A stairway along the west interior wall of the building leads to the basement which consists of poured concrete floors with iron beams supporting the roof of the basement. The basement walls are constructed of concrete blocks and bricks painted white. Situated along the basement south interior wall is the electric and natural gas meters for the subject property. The basement is utilized as storage space for spare parts.

The parking lot associated with the subject property is secured with a gated chain-linked fence with an asphalt paved the ground cover. A total of seven vehicles were observed on the parking lot. A solid waste dumpster and several display fixtures were identified at the southwest corner of the parking lot. The parking lot bordered to the east by Sunoco gasoline station which is situated at the northwest corner of Atlantic Avenue and Grand Avenue. The Sunoco gasoline service station is identified and addressed as 941 Atlantic Avenue. The Metropolitan Transport Authority subway runs along Atlantic Avenue and is approximately 100 feet south of the subject property.

2.4 Areas of Concern

The AOCs identified for this Site include:

1. The Site was historically utilized as an auto glass repair shop and is located adjacent to a petroleum bulk storage facility (941 Atlantic Avenue).
2. Historic fill layer is present at the Site from grade to depths of at least 8 feet below grade.

A copy of the Phase 1 Report has been submitted to the OER. A map showing areas of concern is presented in Figure 4.

3.0 PROJECT MANAGEMENT

3.1 Project Organization

The Qualified Environmental Profession (QEP) responsible for preparation of this RIR is David B. Oloke.

3.2 Health and Safety

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

3.3 Materials Management

All material encountered during the RI was managed in accordance with applicable laws and regulations.

4.0 REMEDIAL INVESTIGATION ACTIVITIES

Elevation Holdings LLC performed the following scope of work:

1. Conducted a Site inspection to identify AOCs and physical obstructions.
2. Installed five soil borings across the entire project Site, and collected ten soil samples and one duplicate for chemical analysis from the soil borings to evaluate soil quality;
3. Installed one temporary groundwater well at the southeast portion of the Site for chemical analysis to evaluate groundwater quality;
4. Installed three soil vapor probes on the subject property. Two sub-slab soil vapor probes were installed within the basement of the one story building and the third soil vapor probe within the asphalt paved parking lot for chemical analysis.

4.1 Geophysical Investigation

The geophysical survey was performed on July 23, 2014 across the entire site to investigate for the existence of potential underground storage tanks, underground utility lines and other anomalies that may be present beneath the Site. The geophysical survey consisted of ground penetrating radar (GPR) and precision utility location methods. All accessible areas within the Site were surveyed.

The results of the GPR did not identify any subsurface parabolic anomalies indicative of petroleum storage tanks and/or the existence of underground utility lines.

4.2 Borings and Monitoring Wells

Drilling and Soil Logging

On July 23, 2014, a qualified environmental driller and helper advanced two hand auger borings in the basement of the one story building at the site and installed three soil probes and three soil gas points at select location on the parking lot utilizing a track-mounted Geoprobe® 7720 DT. A geologist was on site to supervise the site work. All work performed complied with safety guidelines outlined in the site specific health and safety plan.

The two hand auger borings in the basement terminated at a depth of four feet below the basement floor. Samples were collected with a stainless steel hand auger on one foot increments

and were placed on polyethylene plastic sheeting for characterization. Each sample obtained was screened for organic vapors with a photo ionization detector (PID) and evaluated for visual and olfactory indications of environmental impacts.

On the parking lot, three deep soil probes were advanced to a depth of twelve (12) feet below the proposed development cuts. Soil samples were collected continuously with a five-foot Geoprobe macrocore sampler in five-foot increments using disposable acetate sleeves. Each sample obtained was screened for organic vapors with a PID and evaluated for visual and olfactory indications of environmental impacts.

Soil probes logs prepared by a geologist are attached in Appendix A. A map showing the location of soil borings and temporary groundwater well point is shown in Figure 5.

Temporary Groundwater Well

One temporary groundwater well (TW - 1) well was installed to determine the groundwater quality at the site. Temporary groundwater well TW - 1 was installed in the same location as soil probe SP-1 utilizing the track-mounted Geoprobe® 7720 DT. The probe rod was fitted with an SP16 groundwater sampler and was advanced to approximately seventy feet where the groundwater screen was exposed which then allows groundwater to flow into the groundwater sampler. A quarter-inch groundwater tubing with a check valve was utilized to purge TW-1 of five well volumes prior to sampling. Monitoring well location is shown in Figure 5.

Survey

The exact location of soil probes, temporary groundwater well point and soil gas on-site were identified before starting with drilling operations and were marked and spray-painted directly on the ground.

4.3 Sample Collection and Chemical Analysis

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

sufficient basis for evaluation of remedial action alternatives, establishment of a qualitative human health exposure assessment, and selection of a final remedy.

Soil Sampling

A total ten soil samples and one duplicate soil sample was collected for chemical analysis during this RI. In soil probe SP-1, one shallow (0 – 2ft) and one deep (10-12ft) sample and a duplicate (10-12ft) were retained for analyses. In soil probes SP-2 and SP-3, one shallow (0 – 2ft) and one deep (10 – 12ft) samples were retained for analysis. Soil probes SP-4 and SP-5 were advanced in the basement utilizing the stainless steel hand auger. Soil samples were collected at 0-2 feet and at 2-4 feet depth intervals.

The soil samples collected was screened and characterized. The soil samples were containerized in appropriate laboratory issued glassware and analyzed at a New York State Department of Health ELAP-certified laboratory. All soil samples were analyzed for volatile organic compounds (VOCs) via EPA Method 8260, semi-volatile compounds (SVOCs) via EPA Method 8270, Pesticides/PCBs via EPA Method 8081/8082 and TAL metals. The samples were placed in a cooler filled with ice and maintained at a maximum 4 degrees Celsius. All samples were transported under proper chain of custody procedures to YORK Analytical Laboratories, Inc. for analyses.

All holding times were met. The laboratory did not report any irregularities with respect to their internal Quality Assurance/Quality Control. Data on soil sample collection for chemical analyses, including dates of collection and sample depths, is reported in Tables 2 through 5. Figure 5 shows the location of samples collected in this investigation. Laboratories and analytical methods are shown below.

Groundwater Sampling

One groundwater sample was collected for chemical analysis during this RI. Groundwater sample collection data is reported in Tables 6 through Table 10. Figure 5 shows the location of groundwater sampling. Laboratories and analytical methods are shown below.

The groundwater sample was containerized in laboratory issued glass jar and was appropriately labeled. The groundwater sample from TW - 1 was analyzed for volatile organic compounds (VOCs) via EPA Method 8260, semi-volatile organic compounds (SVOCs) via EPA Method 8270, Pesticides/PCBs via EPA Method 8081/8082 and TAL Metals (filtered and non-filtered).

Soil Vapor Sampling

Three soil vapor probes (SV-1, SV-2 & SV-3) were installed and three (3) soil vapor samples were collected for chemical analysis during this RI. Soil vapor sampling locations are shown in Figure 5. Soil vapor sample collection data is reported in Table 11. Methodologies used for soil vapor assessment conform to the *NYS DOH Final Guidance on Soil Vapor Intrusion, October 2006.*

A vapor implant was set in a drill hole on the parking lot in soil-gas probe SV-1 and was advanced with the track-mounted Geoprobe® 7720 DT to a depth of approximately ten [10] feet below ground. Sub-slab soil-gas probe SV-2 and SV-3 was fitted with a vapor implant and installed approximately one foot below ground surface. Subsurface soil vapor installation was completed through the advancement of one 3/8" dedicated polyethylene tubing to the desired depths in SV-1 through SV-3. The vapor implant portion was backfilled with filter sand and sealed with bentonite slurry from below grade to the ground surface. Prior to sampling, each sampling location was tested to ensure a proper seal had been obtained. In accordance with NYSDOH guidance (NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, February 2005), a tracer gas (Helium) was used as a quality assurance/quality control device to verify the integrity of the sampling point seal prior to collecting the samples. Prior to testing and collecting samples, the surface immediately surrounding the polyethylene tubing of the vapor implant was sealed using a 1 foot by 1 foot square sheet of 2 mil HDPE plastic firmly adhered to a wetted layer of granular bentonite. The seal was then tested by enriching the air space above the seal with the tracer gas while continuously monitoring air drawn from the implant with a Helium detector (Dielectric Model MGD-2002, Multi-Gas Detector) for a minimum of 15 minutes. The tracer gas procedure was employed at all three soil vapor sampling locations. No surface seal leaks were observed at any of the locations.

The above-grade end of the polyethylene tubing was then connected to a calibrated vacuum pump and three volumes of air were purged from the implant. After purging, a 6-liter Summa® canister, fitted with a 2-hour flow regulator was attached to the surface tube of each of the three vapor implants. Prior to initiating sample collection, sample identification, canister number, date and start time were recorded on tags attached to each canister and in a bound field notebook. Sampling then proceeded by fully opening the flow control valve on each canister. Immediately after opening the flow control valve on the canister, the initial vacuum (inches in mercury) was recorded in the field notebook and on the sample tag. When the vacuum level in the canister was between 3 and 4½ inches of mercury (approx. 2 hours), the flow controller valve was closed and the final vacuum was recorded in the field notebook and on the sample tag.

The soil gas Sample identification, date, start time, start vacuum, end time and end vacuum were recorded on tags attached to each canister and on a sample log sheet (Appendix B - Soil Vapor Sampling Log). After collection, the Summa® canisters were transported to YORK Analytical Laboratories and analyzed in accordance with United States Environmental Protection Agency (USEPA) Method TO-15.

Chemical Analysis

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

Factor	Description
Quality Assurance Officer	The chemical analytical quality assurance is directed by YORK Analytical Inc.
Chemical Analytical Laboratory	Chemical analytical laboratory(s) used in the RI is NYS ELAP certified and were YORK Analytical Inc.
Chemical Analytical Methods	Soil analytical methods: • TAL Metals by EPA Method 6010C (rev. 2007); • VOCs by EPA Method 8260C (rev. 2006); • SVOCs by EPA Method 8270D (rev. 2007); • Pesticides by EPA Method 8081B (rev. 2000); • PCBs by EPA Method 8082A (rev. 2000); Groundwater analytical methods: • TAL Metals by EPA Method 6010C (rev. 2007); • VOCs by EPA Method 8260C (rev. 2006); • SVOCs by EPA Method 8270D (rev. 2007); • Pesticides by EPA Method 8081B (rev. 2000); • PCBs by EPA Method 8082A (rev. 2000); Soil vapor analytical methods: • VOCs by TO-15 VOC parameters..

Results of Chemical Analyses

Laboratory data for soil, groundwater and soil vapor are summarized in Tables 2 through 11, respectively. Laboratory data deliverables for all samples evaluated in this RIR are provided in digital form in Appendix C, D & E.

5.0 ENVIRONMENTAL EVALUATION

5.1 Geological and Hydrogeological Conditions

Stratigraphy

The soils encountered beneath the site consisted of historic fill material which comprises of concrete, red bricks, wood, with traces of silt and clay. The historic fill material extended to approximately 8 feet below grade. Native soil consisting of brown, fine grain silt and sandy clay were encountered at approximately 10 feet below grade.

Hydrogeology

The depth to groundwater at the Site is approximately 70 feet. Groundwater flow at the Site is inferred to be from east to west towards the East River. The East River is located approximately 3 miles west of the Site.

5.2 Soil Chemistry

Data collected during the RI is sufficient to delineate the vertical and horizontal distribution of contaminants in soil/fill at the Site. A summary table of data for chemical analyses performed on soil samples is included in Tables 2 through 5. Figures 6 through 8 show the location and post the values for soil/fill that exceed the 6NYCRR Part 375-6.8 SCO.

Soil/fill samples collected during the RI showed no VOCs and PCBs at a concentration above Unrestricted Use SCOs. Four VOCs, including acetone (maximum of 11 µg/Kg), methylene chloride (maximum of 5.6 µg/Kg), Tetrachloroethylene (maximum of 9.5 µg/Kg) and toluene (2.1 µg/Kg) were detected at concentrations below Unrestricted Use SCOs. Multiple SVOCs were detected within the historic fill exceeding the Restricted Use Residential SCOs, and included benz(a)anthracene (maximum of 32,000 µg/Kg), benzo(a)pyrene (maximum of 27,600 µg/Kg), benzo(b)-fluoranthene (maximum of 18,300 µg/Kg), benzo(k)fluoranthene (maximum of 15,300 µg/Kg), chrysene (maximum of 25,300 µg/Kg), dibenzo(a)anthracene (1,810 µg/Kg) and Indeno (1,2,3-cd) pyrene (maximum 7,520 µg/Kg). These SVOCs were detected in shallow and in deep soil sampling locations. The metals barium (690 mg/Kg), copper (max. 93.2 mg/Kg), lead (maximum of 707 mg/Kg), selenium (maximum of 4.69 mg/Kg), zinc (maximum of 306 mg/Kg) and mercury (maximum of 2.93 mg/Kg) were detected above the Unrestricted

Residential Use and/or Restricted Residential Use SCOs within the soil samples collected from the urban fill layer. Four pesticides including dieldrin (7.00 µg/Kg), 4,4-DDT (max. of 158 µg/Kg), 4,4-DDE (max. of 21.1 µg/Kg) and 4,4-DDD (max. of 7.14 µg/Kg) were detected above Unrestricted Use SCOs, but below Restricted Residential Use SCOs. Overall, soil results are consistent with historic fill material at sites throughout NYC.

5.3 Groundwater Chemistry

Data collected during the RI is sufficient to delineate the distribution of contaminants in groundwater at the Site. A summary table of data for chemical analyses performed on groundwater samples is included in Table 6 through 10. .

Groundwater sample results found no detectable concentrations of PCBs and pesticides. Four VOCs including chloroform (1.5µg/L), o-xylene (0.53 µg/L), p & m- xylene (0.53 µg/L), tetrachloroethylene (0.43 µg/L), toluene (0.36 µg/L) and trichloroethylene (0.87 µg/L) were detected in the groundwater sample below the GQS. All SVOCs were detected below their respective GQS. No metals were detected in the groundwater sample exceeding their respective GQS.

5.4 Soil Vapor Chemistry

Data collected during the RI is sufficient to delineate the distribution of contaminants in soil vapor at the Site. A summary table of data for chemical analyses performed on soil vapor samples is included in Table 11.

Figure 9 shows the location and posts the values for soil vapor samples with detected concentrations.

Soil vapor samples collected during the RI were compared to the compounds listed in New York State Department of Health (NYSDOH) Vapor Intrusion Matrices. Soil vapor sample results indicated petroleum related VOCs at a low concentration. Other compounds detected were at slightly elevated concentrations and includes acetone (maximum 2,200 $\mu g/m^3$), 2-Butanone (maximum of 56 $\mu g/m^3$), methylene chloride (maximum of 50 $\mu g/m^3$) and dichlorofluoromethane (maximum of 430 $\mu g/m^3$). Petroleum-related VOCs (BTEX) were detected at a maximum concentration of 44 $\mu g/m^3$. The chlorinated VOCs - 1,1,1-

trichloroethane (TCA) and tetrachloroethylene (PCE) were detected at a maximum concentration of 1.8 $\mu g/m^3$ and 350 $\mu g/m^3$ respectively exceeding the NYSDOH guidance values, while there was no detection for trichloroethylene (TCE), and carbon tetrachloride in any of the three soil vapor samples. Overall, fifteen VOCs were detected above the monitoring level ranges established within the NYSDOH Final Guidance on Soil Vapor Intrusion.

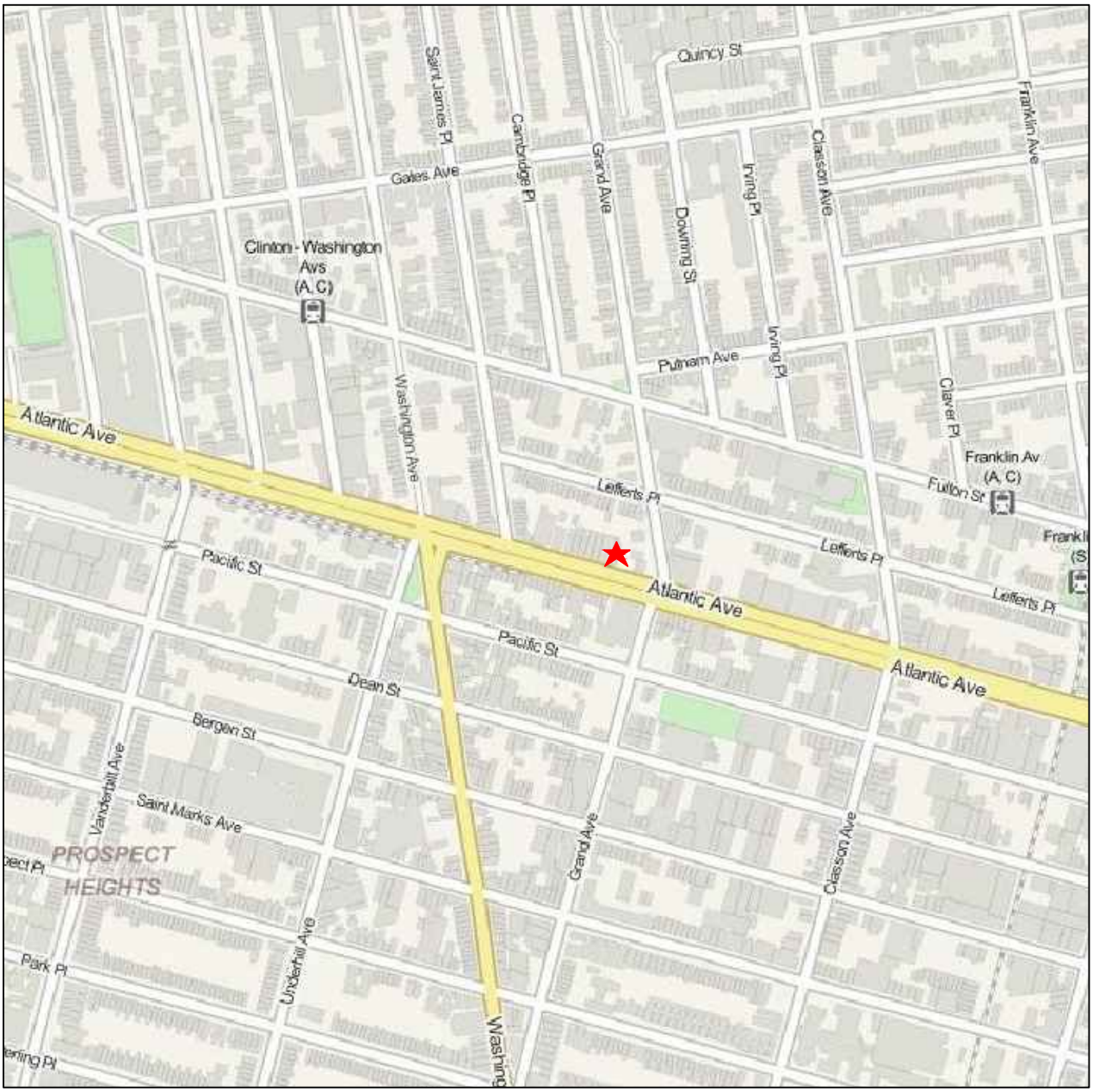
5.5 Prior Activity

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

5.6 Impediments to Remedial Action

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

FIGURES



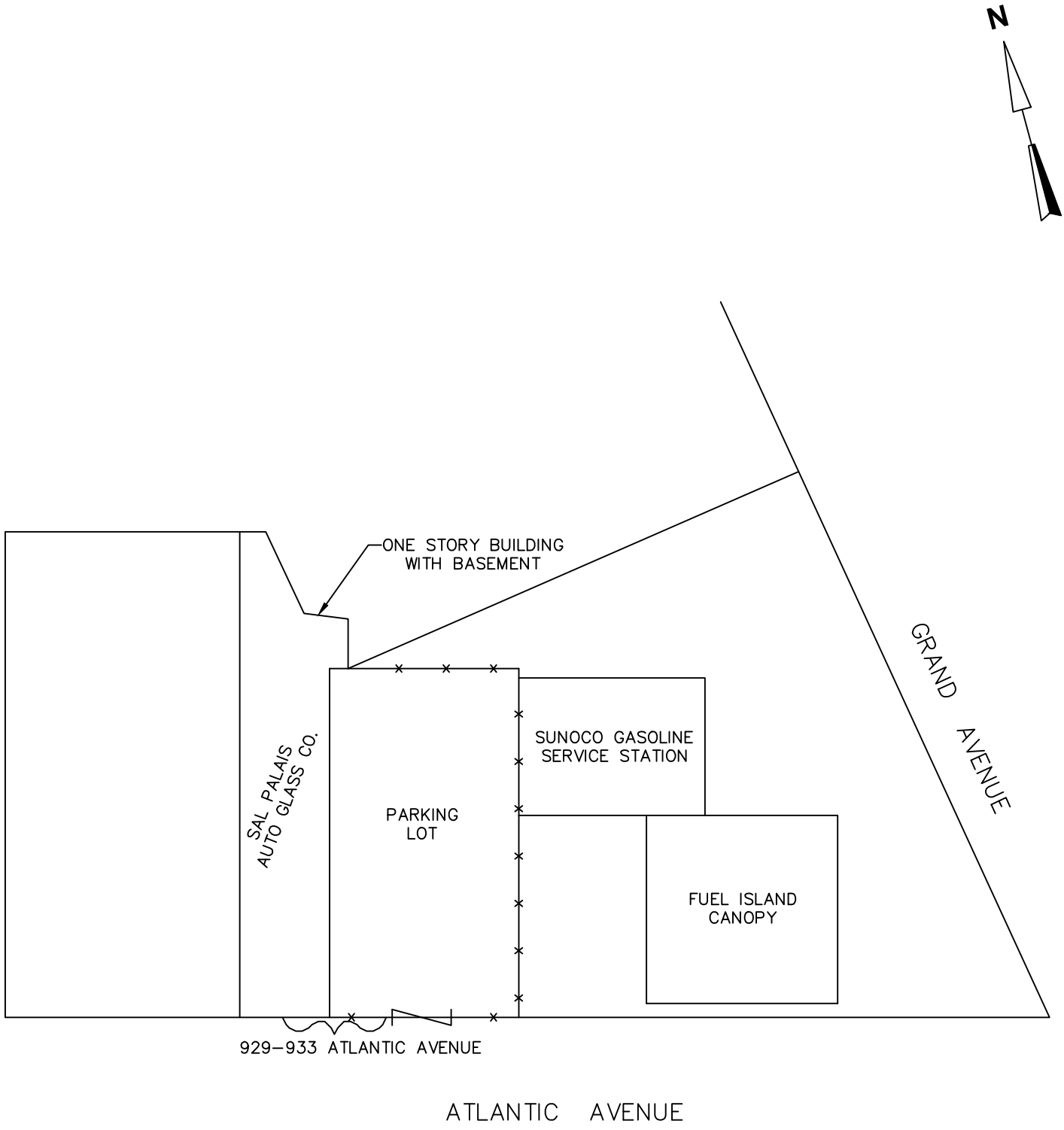
★ - SITE LOCATION

ALPHA-HYDRO
ENVIRONMENTAL SERVICES
A PARADIGM OF EXCELLENCE

1503 Wave Avenue, Medford NY 11763

FIGURE 1
SITE LOCATION MAP

DATE: 10/24/14	929–33 ATLANTIC AVENUE BROOKLYN, NY 11238
GEOLOGIST: D.O.	
DRAWN BY: J.F.	FILE NO: AH–141336



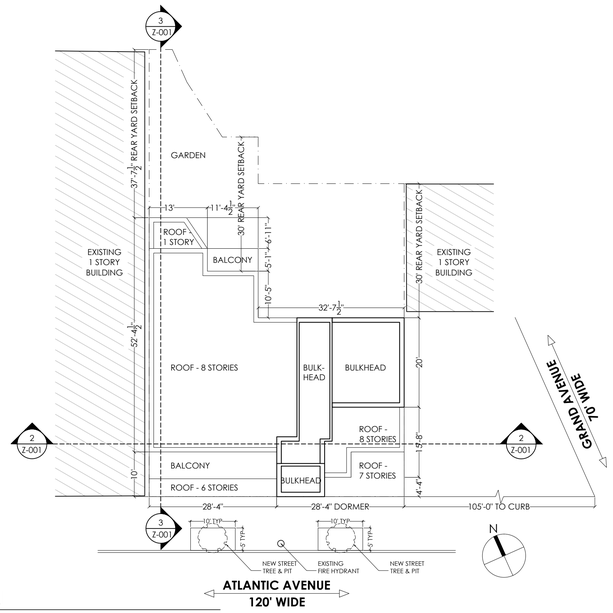
ALPHA-HYDRO
ENVIRONMENTAL SERVICES
A PARADIGM OF EXCELLENCE

1503 Wave Avenue, Medford NY 11763

FIGURE 2
SITE PLAN

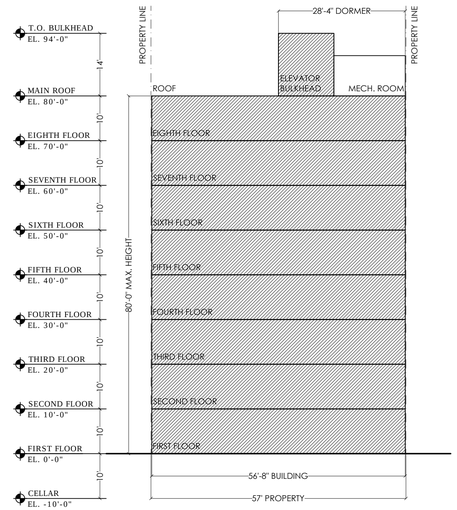
DATE: 10/24/14	929–933 ATLANTIC AVENUE BROOKLYN, NY 11238
GEOLOGIST: D.O.	
DRAWN BY: J.F.	FILE NO: AH–141336

ZONING DIAGRAMS



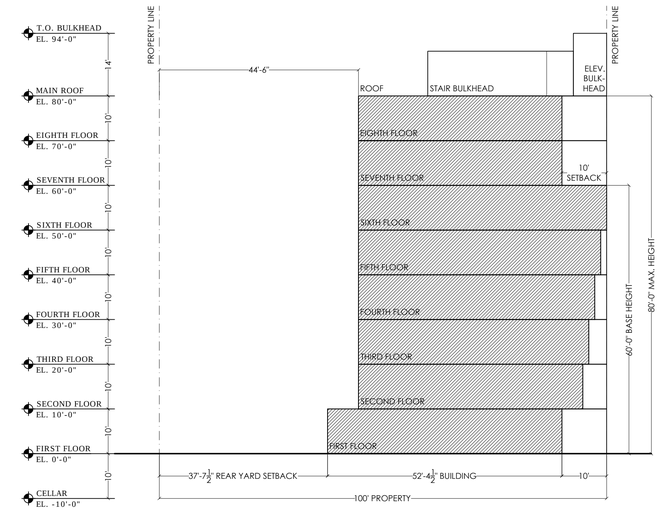
1 SITE PLAN

SCALE: 1/16" = 1'-0"



2 DIAGRAMMATIC ZONING SECTION

SCALE: 1/16" = 1'-0"



3 DIAGRAMMATIC ZONING SECTION

SCALE: 1/16" = 1'-0"

ZONING INFORMATION

SITE INFORMATION	
ADDRESS	929 ATLANTIC AVENUE
BLOCK	2018
LOT	56
ZONE	R7A
MAP	16C
BROOKLYN COMMUNITY DISTRICT	2
LOT SIZE	4,446 S.F.

ZONING INFORMATION	ZR SECTION	PERMITTED/REQUIRED	PROPOSED	
USE GROUPS	22-00, 32-00	USE GROUP 2	USE GROUP 2	
RESIDENTIAL FLOOR AREA RATIO	23-10	4.00; 4 X 4,446 = 17,784 SF	17,014 SF < 17,784 SF	COMPLIES
BALCONIES	23-132	BALCONIES IN R7A; PROJECTING LESS THAN 7'	8 BALCONIES; PROJECTING 6' MAX.	COMPLIES
DENSITY: MAX. # OF DWELLING UNITS	23-32	680 17,784 / 680 = 26 UNITS MAXIMUM	20 UNITS	COMPLIES
MAXIMUM ALLOWABLE LOT COVERAGE	23-145	60% 4,446 SF X .6 = 2668 SF	2,385 SF; 54% < 60%	COMPLIES
REQUIRED FRONT YARD	23-542	NO FRONT YARD REQUIRED	NO FRONT YARD PROVIDED	COMPLIES
REQUIRED SIDE YARD	23-542	NO SIDE YARD REQUIRED	NO SIDE YARD PROVIDED	COMPLIES
REQUIRED REAR YARD	23-542	REAR YARD 30' REQUIRED	30' REAR YARD PROVIDED	COMPLIES
MAXIMUM ALLOWABLE HEIGHT	23-633	80'	80'	COMPLIES
MAXIMUM ALLOWABLE BASE HEIGHT	23-633	65'	60'	COMPLIES
MINIMUM ALLOWABLE BASE HEIGHT	23-633	40'	60'	COMPLIES
PERMITTED OBSTRUCTION - DORMER	23-621 (C)	50% OF LOT FRONTAGE WIDTH OR LESS	57' LOT FRONTAGE; DORMER: 28'-4"	COMPLIES
STREET WALL SETBACK ABOVE BASE HEIGHT	23-633 (B)	10' SETBACK REQUIRED MIN. (WIDE STREET)	10' SETBACK	COMPLIES
REQUIRED VEHICULAR PARKING SPACES	25-261	30% OF DWELLING UNITS MIN.; WAIVED IF LESS 15 SPACES	0 PROVIDED	COMPLIES
REQUIRED BICYCLE PARKING SPACES	25-261	30% OF DWELLING UNITS MIN.; WAIVED IF LESS 15 SPACES	0 PROVIDED	COMPLIES
STREET TREE PLANTING	26-41	1 TREE PLANTED AT EVERY 25' STREET FRONTAGE	2 TREES PROVIDED (SEE SITE PLAN; 1/Z-001)	COMPLIES

THE QUALITY HOUSING PROGRAM: CH. 8	ZR SECTION	PERMITTED/REQUIRED	PROPOSED	
SIZE OF DWELLING UNIT	28-21	400 SF MIN.	SMALLEST UNIT: 640 SF	COMPLIES
WINDOWS	28-22	DOUBLE GLAZED	ALL WINDOWS DOUBLE GLAZED	COMPLIES
REFUSE STORAGE AND DISPOSAL	28-23	REFUSE STORAGE REQUIRED	REFUSE STORAGE PROVIDED	COMPLIES
LAUNDRY FACILITIES	28-24	2 WASHER AND 1 DRYER UNITS PER 40 DWELLING UNITS	1 WASHER AND 1 DRYER IN EVERY UNIT	COMPLIES
REQUIRED RECREATION SPACE	28-32	MIN. 225 SF OF ANY OUTDOOR RECREATION SPACE	970 SF OUTDOOR SPACE PROVIDED ON ROOF LEVEL	COMPLIES
STREET TREE PLANTING	28-33	1 TREE PLANTED AT EVERY 25' STREET FRONTAGE	2 TREES PROVIDED (SEE SITE PLAN; 1/Z-001)	COMPLIES
DENSITY BY CORRIDOR PER STORY	28-41	11 DWELLING UNITS MAX. SHARE 1 CORRIDOR PER STORY	3 DWELLING UNITS MAX SHARE 1 CORRIDOR PER STORY	COMPLIES

BUILDING CODE INFORMATION

BUILDING CODE INFORMATION	BC SECTION	PERMITTED/REQUIRED	PROPOSED	
OCCUPANCY GROUP		R-2	R-2	COMPLIES
NUMBER OF STORIES		8 ABOVE GRADE	8 ABOVE GRADE	COMPLIES
FLOOR AREA ALLOWABLE		17,784 SF MAX	17,014 SF	COMPLIES
AREA/HEIGHT LIMITATIONS - (R-2)	TABLE 4-1			
PROPOSED CONSTRUCTION CLASS		CLASS I-B	CLASS I-B	COMPLIES
CONSTRUCTION CLASS ELEMENTS:	TABLE 3-4			
REAR EXTERIOR WALL, BEARING		2-HR REQUIRED	2-HR PROVIDED	COMPLIES
SIDE EXTERIOR WALLS, BEARING		2-HR REQUIRED	2-HR PROVIDED	COMPLIES
FRONT EXTERIOR WALL		2-HR REQUIRED	2-HR PROVIDED	COMPLIES
INTERIOR BEARING WALLS & PARTITIONS		2-HR REQUIRED	2-HR PROVIDED	COMPLIES
ENCLOSURE OF VERTICAL EXITS, EXIT PASSAGEWAYS, HOISTWAYS & SHAFTS		2-HR REQUIRED	2-HR PROVIDED	COMPLIES
COLUMNS, GIRDERS, & TRUSSES SUPPORTING MORE THAN ONE FLOOR		2-HR REQUIRED	2-HR PROVIDED	COMPLIES
STRUCTURAL MEMBERS SUPPORTING A WALL		2-HR REQUIRED	2-HR PROVIDED	COMPLIES
FLOOR CONSTRUCTION INCLUDING BEAMS		1½-HR REQUIRED	1½-HR PROVIDED	COMPLIES
ROOF CONSTRUCTION		1-HR REQUIRED	1-HR PROVIDED	COMPLIES

PROPOSED DEVELOPMENT

FLOOR AREA CALCULATIONS	GROSS FLOOR AREA	MECHANICAL DEDUCTION	Q.H. CORRIDOR DEDUCTION	EXTERIOR WALL THICKNESS DED. (>8")	RESIDENTIAL ZONING FLOOR AREA	QUALITY HOUSING RECREATION SPACE	NUMBER OF DWELLING UNITS	1-BEDROOM UNITS	2-BEDROOM UNITS
CELLAR	2,600 SF (NOT INCL.)								
FIRST FLOOR	2,385 SF	21 SF	232 SF (100%)	85 SF	2,047 SF		3	2	1
SECOND FLOOR	2,433 SF	28 SF	178 SF (100%)	84 SF	2,143 SF		2	2	
THIRD FLOOR	2,470 SF	28 SF	178 SF (100%)	84 SF	2,180 SF		3	3	
FOURTH FLOOR	2,508 SF	28 SF	178 SF (100%)	84 SF	2,218 SF		3	3	
FIFTH FLOOR	2,546 SF	28 SF	178 SF (100%)	84 SF	2,256 SF		3	3	
SIXTH FLOOR	2,584 SF	28 SF	178 SF (100%)	85 SF	2,293 SF		3	3	
SEVENTH FLOOR	2,300 SF	34 SF	178 SF (100%)	81 SF	2,007 SF		2		2
EIGHTH FLOOR	2,157 SF	28 SF	178 SF (100%)	81 SF	1,870 SF		1		1
ROOF						885 SF			
TOTALS:	19,383 SF	223 SF	1,478 SF	668 SF	17,014 SF	885 SF	20	16	4

PROJECT:

929 ATLANTIC AVE
BROOKLYN, NEW YORK 11238

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BROOKLAND CAPITAL
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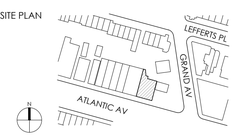
SITE PLAN



PROJECT No:	1405 BA_929
DRAWING	REV. # DATE

REGISTERED ARCHITECT
PAUL GREGORY
026711
STATE OF NEW YORK
PAUL GREGORY, R.A.

DRAWING TITLE:
ZONING ANALYSIS & DIAGRAMS

DATE: 09/29/2014

SCALE: AS NOTED

SHEET: Z-001.00

COM*check* Software Version 3.9.4

Envelope Compliance Certificate

2010 New York Energy Conservation Construction Code

Section 1: Project Information

Project Type: **New Construction**
Project Title : 929 Atlantic

Construction Site:	Owner/Agent:	Designer/Contractor:
929 Atlantic Avenue Brooklyn, NY 11238	Brookland Capital 308 Malcolm X Blvd Brooklyn, NY 11233 718.544.3784	ROART Brooklyn 304 Malcolm X Blvd Brooklyn, NY 11233 718.428.5654

Section 2: General Information

Building Location (for weather data):	**Kings, New York**
Climate Zone:	**4a**
Building Space Conditioning Type(s):	**Residential**
Vertical Glazing / Wall Area Pct.:	**25%**

Activity Type(s)	Floor Area
Multifamily	17014

Section 3: Requirements Checklist

Envelope PASSES: Design 6% better than code.

Climate-Specific Requirements:

Component Name/Description	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U-Factor(a)
Roof 1: Other Roof (b)	1937	---	---	0.049	0.027
Exterior Front Wall: Concrete Block:6", Partially Grouted, Cells Empty,Normal Density , Furring: Metal	4858	0.0	16.9	0.050	0.090
Front Windows: Metal Frame with Thermal Break, Perf. Type: Other testing/cert. Product ID: window, SHGC 0.31 (c)	2808	---	---	0.510	0.550
Storefront Door: Glass (> 50% glazing),Metal Frame, Entrance Door, Perf. Type: Other testing/cert. Product ID: storefront door, SHGC 0.31 (c)	51	---	---	0.510	0.850
Exterior Rear Wall: Steel-Framed, 16" o.c.	5432	8.6	23.6	0.033	0.064
Rear Windows: Metal Frame with Thermal Break, Perf. Type: Other testing/cert. Product ID: window, SHGC 0.31 (c)	1849	---	---	0.510	0.550
Exterior Side Wall 1: Concrete Block:6", Partially Grouted, Cells Insulated,Normal Density , Furring: Metal	4910	0.0	16.9	0.049	0.090
Exterior Side Wall 2: Steel-Framed, 16" o.c.	5388	8.6	23.6	0.033	0.064
Rear Windows: Metal Frame with Thermal Break, Perf. Type: Other testing/cert. Product ID: window, SHGC 0.31 (c)	374	---	---	0.047	0.550

(a) Budget U-factors are used for software baseline calculations ONLY, and are not code requirements.

(b) 'Other' components require supporting documentation for proposed U-factors.

(c) Fenestrations product performance must be certfied in accordance with NFRC and requires supporting documentation.

Air Leakage, Component Certification, and Vapor Retarder Requirements:

- ☐ 1. All joints and penetrations are caulked, gasketed or covered with a moisture vapor-permeable wrapping material installed in accordance with the manufacturer's installation instructions.
- ☐ 2. Windows, doors, and skylights certified as meeting leakage requirements.
- ☐ 3. Component R-values & U-factors labeled as certified.
- ☐ 4. No roof insulation is installed on a suspended ceiling with removable ceiling panels.
- ☐ 5. 'Other' components have supporting documentation for proposed U-Factors.
- ☐ 6. Insulation installed according to manufacturer's instructions, in substantial contact with the surface being insulated, and in a manner that achieves the rated R-value without compressing the insulation.
- ☐ 7. Stair, elevator shaft vents, and other outdoor air intake and exhaust openings in the building envelope are equipped with motorized dampers.
- ☐ 8. Cargo doors and loading dock doors are weather sealed.
- ☐ 9. Recessed lighting fixtures installed in the building envelope are Type IC rated as meeting ASTM E283, are sealed with gasket or caulk.
- ☐ 10. Building entrance doors have a vestibule equipped with self-closing devices.
  Exceptions:
  - ☐ Building entrances with revolving doors.
  - ☐ Doors not intended to be used as a building entrance.
  - ☐ Doors that open directly from a space less than 3000 sq. ft. in area.
  - ☐ Doors used primarily to facilitate vehicular movement or materials handling and adjacent personnel doors.
  - ☐ Doors opening directly from a sleeping/dwelling unit.

Section 4: Compliance Statement

Compliance Statement: The proposed envelope design represented in this document is consistent with the building plans, specifications and other calculations submitted with this permit application. The proposed envelope system has been designed to meet the 2010 New York Energy Conservation Construction Code requirements in COM*check* Version 3.9.4 and to comply with the mandatory requirements in the Requirements Checklist.

When a Registered Design Professional has stamped and signed this page, they are attesting that to the best of his/her knowledge, belief, and professional judgment, such plans or specifications are in compliance with this Code.

Name - Title	Signature	Date

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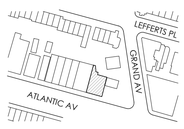


PROJECT No:	1405 BA_929
DRAWING	REV. # DATE

REGISTERED ARCHITECT PAUL GREGORY 026717 STATE OF NEW YORK
PAUL GREGORY, R.A.

DRAWING TITLE:
ENERGY COMPLIANCE CERTIFICATE
DATE: 09/29/2014
SCALE: AS NOTED
SHEET: EN-001.00

ABBREVIATIONS

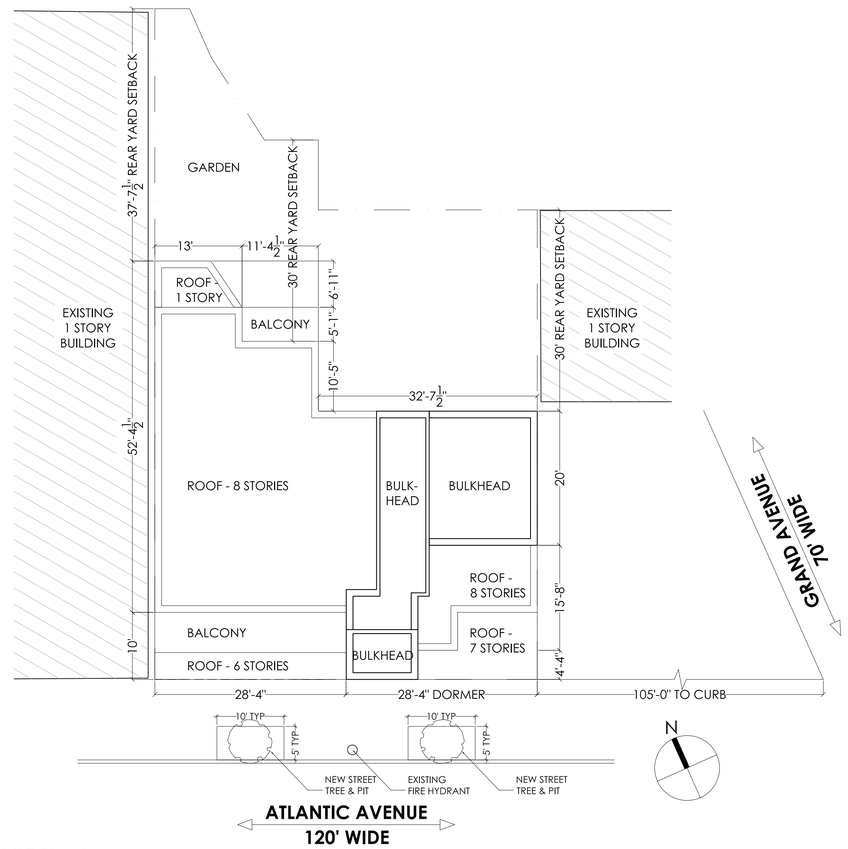
SYMBOLS USED AS ABBREVIATIONS :

<	ANGLE
@	AT
℄	CENTERLINE
[	CHANNEL
ø	DIAMETER
#	NUMBER
⊥	PERPENDICULAR
°	DEGREES
±	PLUS OR MINUS

STANDARD ABBREVIATIONS :

AC.	AIR CONDITIONING
ACCES.	ACCESSIBLE
ACOUS.	ACOUSTICAL
ACT.	ACOUSTICAL CEILING TILE
AD.	ACCESS DOOR
ADJ.	ADJACENT
A.F.F.	ABOVE FINISHED FLOOR
A.FL.	ACCESS FLOORING
A.H.U.	AIR HANDLING UNIT
AGG.	AGGREGATE
ALT.	ALTERNATE
AL., ALUM.	ALUMINUM
ANOD.	ANODIZED
APPD.	APPROVED
APPX.	APPROXIMATE
ARCH.	ARCHITECTURAL
AR. D.	AREA DRAIN
ASPH.	ASPHALT
A.S.T.M.	AMERICAN SOCIETY FOR TESTING MATERIALS
AUTO	AUTOMATIC
BALC.	BALCONY
B/C	BOTTOM OF CURB
B.CS.	BRICK COURSE
BD.	BOARD
BET.	BETWEEN
BIT.	BITUMINOUS
B.L.	BUILDING LINE
BLDG.	BUILDING
BLK.	BLOCK
BLKG.	BLOCKING
BM.	BEAM
BOT.	BOTTOM
BRG.	BEARING
BRK.	BRICK
BRKT.	BRACKET
B.S.	BRICK SHELF
BSMT.	BASEMENT
BTU	BRITISH THERMAL UNIT
BU.R.	BUILT-UP ROOF
C.	CONDUIT
CAB.	CABINET
CAT.	CATALOG, CATEGORY
C.B.	CATCH BASIN
CBD.	CHALKBOARD
C.D.	CEILING DIFFUSER
CEM.	CEMENT
CER.	CERAMIC
C.G.	CORNER GUARD
C.H.	CEILING HEIGHT
C.I.	CAST IRON
C.J.	CONTROL JOINT
CK.BD.	CHALKBOARD
C.L.	CENTER LINE
CL.D.	CLOTHES DRYER
CLG.	CEILING
C.L.L.	CONTRAT LIMIT LINE
CLOS.	CLOSET
CLR.	CLEARANCE
CL.W.	CLOTHES WASHER
CM.	CENTIMETER
C.M.T.	CERAMIC MOSAIC TILE
C.M.U.	CONCRETE MASONRY UNIT
C.O.	CLEAN OUT
COL.	COLUMN
CONC.	CONCRETE
COND.	CONDENS(ATE,ER,ING,ATION)
CONN.	CONNECTION
CONST.	CONSTRUCTION
CONT.	CONTINUOUS
CONTR.	CONTRACTOR
CONV.	CONVECTOR
COORD.	COORDINATE
CORR.	CORRIDOR
CRS.	COURSE
CPT.	CARPET
C.R.	CEILING REGISTER
C.S.	CEMENT SEALER
C.T.	CERAMIC TILE
CTSK.	COUNTERSUNK
CU.	CUBIC
C.W.	COLD WATER
C.W.R.	CHILLED WATER RETURN
D.	DRAIN
DBL.	DOUBLE
D.E.F.S.	DIRECT APPLIED EXTERIOR FINISH SYSYTEM
DEMO	DEMOLITION
DEP.	DEPRESSED
DEPT.	DEPARTMENT
DET.	DETAIL
D.H.	DOUBLE HUNG
D.F.	DRINKING FOUNTAIN
D.I.	DROP INLET
DIA.	DIAMETER
DIAG.	DIAGONAL
DIM.	DIMENSION
DISP.	DISPENSER
DIV.	DIVISION
D.L.	DEAD LOAD
DN.	DOWN
DOM.	DOMESTIC
DR.	DOOR
D.R.B.	DOOR RELEASE BUTTON
DW.	DISHWASHER
DWG.	DRAWING
EA.	EACH
EC.	END CAP
E.F.	EXHAUST FAN
E.H.D.	ELECTRIC HAND DRYER
E.I.F.S.	EXTERIOR INSULATION & FINISH SYSTEM
E.J.	EXPANSION JOINT
EL.	ELEVATION
ELEC.	ELECTRIC
ELEV.	ELEVATOR
EMER.	EMERGENCY
EMR.	ELEV. MACHINE ROOM
ENCL.	ENCLOS(E. URE, ED)
ENT.	ENTRANCE
E.P.	ELECTRICAL PANEL
E.P.D.M.	ETHYLENE PROPYLENE DIENE MONOMER
E.PT.	EPOXY PAINT
EQ.	EQUAL
EQPM.	EQUIPMENT
E.T.R.	EXISTING TO BE REMAIN
E.T.RD.	EXISTING TO BE REMOVED
E.T.RL.	EXISTING TO BE RELOCATED
E.W.	EACH WAY
E.W.C.	ELECTRIC WATER COOLER
EX.	EXPOSED
EXCAV.	EXCAVATE
EXH.	EXHAUST
EXTG	EXISTING
EXP.	EXPANSION
EXT.	EXTERIOR
F.A.F.	FACTORY APPLIED FINISH
F.A.I.	FRESH-AIR INTAKE
FB.	FOILBACKED
F.D.	FLOOR DRAIN
FDN.	FOUNDATION
F.E.	FIRE EXTINGUISHER
F.E.C.	FIRE EXTINGUISHER CABINET
F.F.	FINISHED FLOOR
F.H.	FIRE HYDRANT
F.H.E.C.	FIRE HOSE & EXTINGUISHER CABINET
F.H.C.	FIRE HOSE CABINET
FIN.	FINISH
FL.	FLOOR
FLASH.	FLASHING
FLUOR.	FLUORESCENT
F.O.	FIBER OPTIC
F.O.B.	FACE OF BUILDING
F.O.C.	FACE OF CONCRETE
F.P.	FIREPROOFING
F.P.S.C.	FIREPROOF-SELF-CLOSING
F.P.W.H.	FREEZE PROOF WALL HYDRANT
F.R.	FIRE RATING
F.R.T.	FIRE RETARDANT TREATED
F.S.	FLOOR SINK
FT.	FOOT
FTG.	FOOTING
FURR.	FURRING
FUT.	FUTURE
G.	GAS
GA.	GAUGE
GALV.	GALVANIZED
G.B.	GRAB BAR
GBL.	GLAZED BLOCK
G.C.	GENERAL CONTRACTOR
GEN.	GENERAL
G.I.	GALVANIZED IRON
GL.	GLASS
G.W.B.	GYPSUM WALL BOARD
G.W.T.	GLAZED WALL TILE
GYP.	GYPSUM
H.B.	HOSE BIB
HC.	FOR HANDICAPPED USE
HOL.C.	HOLLOW CORE
HDR.	HEADER
HDW.	HARDWARE
HD.WD.	HARDWOOD
H.M.	HOLLOW METAL
HOR.	HORIZONTAL
H.P.	HIGH POINT
H.R.	HANDRAIL
HR.	HOUR
HT.	HEIGHT
HTG.	HEATING
HTR.	HEATER
H.V.A.C.	HEATING, VENTILATING, AIR CONDITIONING
I.D.	INSIDE DIAMETER
I.E.	THAT IS
IN.	INCH
INCAN.	INCANDESCENT
INCL.	INCLUSIVE
INSUL.	INSULATION
INT.	INTERIOR
INTER.	INTERMEDIATE
INV.	INVERT
J.B.	JUNCTION BOX
J.C.	JANITOR'S CLOSET
JT.	JOINT
L.	
LAB.	LABORATORY
LAM.	LAMINATED
LAV.	LAVATORY
LBS.	POUNDS
L.C.C.	LEAD COATED COPPER
LH.	LEFT HAND
LI.	LINEN
L.L.	LIVE LOAD
L.L.H.	LONG LEG HORIZONTAL
L.L.V.	LONG LEG VERTICAL
L.M.F.	LIGHT GAUGE METAL FRAMING
LONG.	LONGITUDINAL
L.P.	LOW POINT
LT.WT.	LIGHT WEIGHT
M.	METER
MACH.	MACHINE
MAINT.	MAINTENANCE
MAR.	MARBLE
MAS.	MASONRY
MAT.	MATERIAL
MAX.	MAXIMUM
MECH.	MECHANICAL
MED.	MEDIUM
MEMB.	MEMBRANE
MET.	METAL
MFR.	MANUFACTURER
M.H.	MANHOLE
MICRO.	MICROWAVE OVEN
MIN.	MINIMUM
MISC.	MISCELLANEOUS
MLD.	MOLDING
MM.	MILLIMETER
M.O.	MASONRY OPENING
MOD.	MODULAR
MTD.	MOUNTED
MTG.	MOUNTING
MTL.	MATERIAL
N.I.C.	NOT IN CONTRACT
NO.	NUMBER
NOM.	NOMINAL
N.R.C.	NOISE REDUCTION COEFFICIENT
N.T.S.	NOT TO SCALE
NFPA	NATIONAL FIRE PROTECTION AGENCY
OA.	OVERALL
O.C.	ON CENTER
O.D.	OUTSIDE DIAMETER
O.H.	OPPOSITE HAND
OPNG.	OPENING
OPP.	OPPOSITE
OZ.	OUNCE
P.	PAINT
PASS.ELEV.	PASSENGER ELEVATOR
PB.	PULLBOX
PC.C.	PRECAST CONCRETE
P.D.	PRESSURE DROP
PER.	PERIMETER
PERF.	PERFORATED
PGB	PAINTED GYPSUM BOARD
PH.	PHASE
PIL.	PILASTER
PL.	PLATE
P.LAM.	PLASTIC LAMINATE
PLAS.	PLASTER
PLMB.	PLUMBING
PNL.	PANEL
PREFAB.	PREFABRICATE
PSF.	POUNDS PER SQUARE FOOT
PSI.	POUNDS PER SQUARE INCH
P.T.	PRESSURE TREATED
PT.	POINT
PTD.	PAINTED
PTN.	PARTITION
PVC.	POLYVINYL CHLORIDE
PWD.	PLYWOOD
Q.T.	QUARRY TILE
QTY.	QUANTITY
R.	RISER
RAD.	RADIUS
R.B.	RUBBER BASE
R.C.P.	REINFORCED CONCRETE PIPE
R.D.	ROOF DRAIN
REF.	REFERENCE
REFG.	REFRIGERATOR
REFL.	REFLECTED
REG.	REGISTER
REINF.	REINFORCING
REQD.	REQUIRED
RESIL.	RESILIENT
RET.	RETURN
REV.	REVISION
R.H.	RIGHT HAND
RL.E.	RELOCATED EXISTING
RM.	ROOM
RND.	ROUND
R.O.	ROUGH OPENING
RT.U.	ROOFTOP UNIT
S&R	SHELF AND ROD
SAN.	SANITARY
S.C.	SOLID CORE
SCHED.	SCHEDULE
SECT.	SECTION
S.F.	SQUARE FEET
S.G.	SAFETY GLASS
SHT.	SHEET
SIM.	SIMILAR
S.O.G.	SLAB ON GRADE
S.P.	STARTING POINT
SPEC.	SPECIFICATION
SQ.	SQUARE
S.S.	STAINLESS STEEL
ST.	STEEL
S.T.C.	SOUND TRANSMISSION COEFFICIENT
STD.	STANDARD
STOR.	STORAGE
STR.	STRUCTURAL
SUSP.	SUSPENDED
SYM.	SYMMETRICAL
SYN.	SYNTHETIC
T/O	TOP OF
T.&B.	TOP AND BOTTOM
TB.	TACK BOARD
T.B.D.	TO BE DETERMINED
T.C.	TERRA COTTA, TERNE COATED
T./C.	TOP OF CURB
T.D.	TRENCH DRAIN
TEL.	TELEPHONE
TEMP.	TEMPERED, TEMPERATURE
TER.	TERRAZZO
T./F.	TOP OF FRAME
T.&G.	TONGUE AND GROOVE
THD.	THREADED
THK.	THICKNESS
THR.	THRESHOLD
THRU	THROUGH
T.O.	TRIMMED OPENING
TOIL.	TOILET
T.O.S.	TOP OF SLAB
TR.	TREAD
T./S.	TOP OF STEEL
TV.	TELEVISION
T.W.	TOP OF WALL
TYP.	TYPICAL
UC.	UNDERCUT
UG.	UNDERGROUND
U.H.	UNIT HEATER
U.L.	UNDERWRITER'S LABEL
UNFIN.	UNFINISHED
U.O.N.	UNLESS OTHERWISE NOTED
U.P.S.	UNINTERRUPTABLE SUPPLY
UTIL.	UTILITY
V.	VINYL
VAR.	VARIES
V.B.	VINYL BASE
V.C.T.	VINYL COMPOSITION TILE
VERT.	VERTICAL
VEST.	VESTIBULE
V.I.F.	VERIFY IN FIELD
V.P.	VISION PANEL
V.T.	VAPOR TIGHT
V.T.R.	VENT THROUGH ROOF
V.W.C.	VINYL WALL COVERING
W.	WIDE, WIDTH
W/	WITH
W.C.	WATER CLOSET
WD.	WOOD
W/O	WITHOUT
W.O.	WINDOW OPENING
W.P.	WATERPROOFING
W.PT.	WORKING POINT
WSCT.	WAINSCOT
WT.	WEIGHT
W.W.F.	WELDED WIRE FABRIC

PLOT PLAN



1 PLOT PLAN
SCALE: 3/32" = 1'-0"

DRAWING LIST

ZONING

Z-001.00 ZONING ANALYSIS, DIAGRAMS

ENERGY CODE

EN-001.00 ENERGY CODE ENVELOPE COMPLIANCE

ARCHITECTURAL

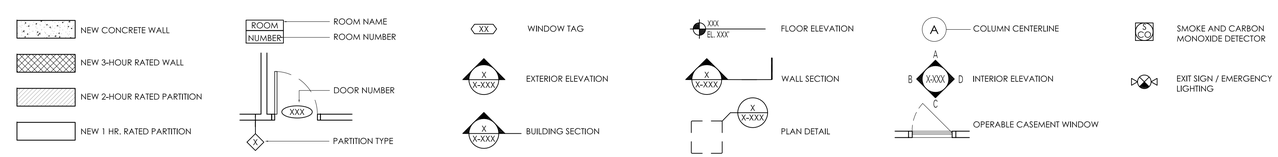
A-001.00 PLOT PLAN, ABBREVIATIONS, NOTES & SYMBOLS
A-002.00 GENERAL NOTES & DETAILS
A-003.00 ADA DETAILS - KITCHEN CLEARANCES
A-004.00 ADA DETAILS - ELEVATOR AND BATHROOM CLEARANCES

A-101.00 CONSTRUCTION PLAN - CELLAR, GROUND FLOOR PLAN
A-102.00 CONSTRUCTION PLAN - SECOND FLOOR PLAN, THIRD FLOOR PLAN
A-103.00 CONSTRUCTION PLAN - FOURTH FLOOR PLAN, FIFTH FLOOR
A-104.00 CONSTRUCTION PLAN - SIXTH FLOOR PLAN, SEVEN FLOOR PLAN
A-105.00 CONSTRUCTION PLAN - EIGHT FLOOR PLAN, ROOF PLAN

A-401.00 EXTERIOR ELEVATIONS - FRONT ELEVATION, REAR ELEVATION

A-501.00 BUILDING SECTION A, BUILDING SECTION B
A-502.00 BUILDING SECTION C

SYMBOL LEGEND



PARTITION TYPES

A1 2 HOUR RATED WALL
- 3⅝" METAL STUDS, 16" O.C. W/ 3" SOUND ATTENUATION BLANKET
- (2) LAYERS ⅝" FIREGUARD 'C' GYP. BD. EACH SIDE

A2 2HOUR RATED WALL - PIPE CHASE
- 1⅝" METAL STUDS, 16" O.C.
- (2) LAYERS ⅝" FIREGUARD 'C' GYP. BD.
- (2) LAYERS CEMENT BD. WET SIDE

A3 1 HOUR RATED WALL
- 3⅝" METAL STUDS, 16" O.C.
- ⅝" FIREGUARD 'C' GYP. BD. EACH SIDE

A4 1 HOUR RATED WET LOC.
- 3⅝" METAL STUDS, 16" O.C.
- ⅝" FIREGUARD 'C' GYP. BD. DRY SIDE
- ⅝" CEMENT BD. WET SIDE

A5 FURRED WALL
- 1⅝" METAL STUDS, 16" O.C. W/ BATT INSULATION
- ⅝" FIREGUARD 'C' GYP. BD.

A6 FURRED PLUMBING WALL
- 1⅝" METAL STUDS, 16" O.C. W/ BATT INSULATION
- ⅝" CEMENT BD.

E1 12" SHEAR WALL
- POURED IN PLACE REINFORCED CONCRETE

E2 12" FOUNDATION WALL
- POURED IN PLACE REINFORCED CONCRETE
- 2" RIGID INSULATION ON EXTERIOR FACE
-VAPOR / WATER MEMBRANE

E3 EXTERIOR WALL
- 6" CONCRETE MASONRY UNIT
- 1⅝" METAL STUDS W/BATT INSULATION INTERIOR
- ⅝" FIREGUARD 'C' GYP. BD. INTERIOR
- 2" RIGID INSULATION EXTERIOR
-STUCCO FINISH EXTERIOR

E4 EXTERIOR WALL
- 6" METAL STUDS, 16" O.C. W/R-19 BATT INSULATION
- ⅝" FIREGUARD 'C' GYP. BD. INTERIOR
- ½" DENSGLASS SHEATHING EXTERIOR
- 3" RIGID FOAM INSULATION
- STUCCO FINISH EXTERIOR

E5 EXTERIOR STOREFRONT
- ALUMINUM FRAMING
- 1" IGU
- TEMPERED LOW E GLASS

E6 EXTERIOR WINDOW WALL
- ALUMINUM FRAMING
- 1" IGU
- TEMPERED LOW E GLASS

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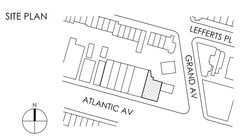
SITE PLAN



PROJECT No:	1405 BA_929	
DRAWING	REV. #	DATE

REGISTERED ARCHITECT PAUL GREGORY 022871 STATE OF NEW YORK
PAUL GREGORY, R.A.

DRAWING TITLE: PLOT PLAN; SYMBOLS, ABBREV.
DATE: 09/29/2014
SCALE: AS NOTED
SHEET: A-001.00

GENERAL NOTES

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE RULES AND REGULATIONS OF THE NEW YORK CITY BUILDING CODE AND LOCAL LAWS.

2. THE OWNER SHALL BE RESPONSIBLE FOR THE SAFE MAINTENANCE OF THE BUILDING AND ITS FACILITIES (C27-127, C27-128).

3. ALL MATERIALS, ASSEMBLIES, FORMS AND METHODS OF CONSTRUCTION AND SERVICE EQUIPMENT SHALL MEET THE FOLLOWING REQUIREMENTS:
a) IT SHALL HAVE BEEN ACCEPTABLE PRIOR TO EFFECTIVE DATE OF THE CODE BY THE BOARD OR
b) SHALL HAVE BEEN TESTED ACCEPTED FOR USE UNDER THE PRESCRIBED CODE TEST METHODS BY THE COMMISSIONER OR
c) APPROVED BY THE BOARD OF STANDARDS AND APPEALS (C27-131).

4. ALL ELEVATIONS SHALL REFER TO THE DATUM IN USE BY THE DEPARTMENT OF HIGHWAYS, BOROUGH PRESIDENT OF BROOKLYN WHICH IS 2.75 ABOVE THE U.S. COAST AND GEODETIC SURVEY DATUM OF MEAN SEA LEVEL AT SANDY HOOK (C27-158).

5. AT LEAST 24 HOUR WRITTEN NOTICE SHALL BE GIVEN TO THE COMMISSIONER BEFORE COMMENCEMENT OF WORK (C27-195).

6. FIVE DAYS PRIOR NOTICE SHALL BE GIVEN TO ADJOINING LOT OWNER AFFECTED BY FOUNDATION, EARTHWORK OR DEMOLITION WORK (C27-165, C27-169).

7. WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS.

8. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND SHALL NOTIFY THE ARCHITECT ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS.

9. ALL CONSTRUCTION, DIMENSIONS AND DETAILS SHALL CONCUR WITH AND BE DETERMINED BY THESE DRAWINGS ONLY.

10. ALL MATERIALS AND CONSTRUCTION TO BE INCORPORATED IN THE WORK SHALL BE IN STRICT ACCORDANCE WITH THE LATEST EDITION OF THE A.S.T.M. SPECIFICATIONS APPLICABLE, AND TO CONFORM WITH THE STANDARDS AND RECOMMENDATIONS OF THE VARIOUS TRADE INSTITUTES (A.C.I., A.I.S.C., ETC.). WHERE APPLICABLE, ALL MATERIAL INCORPORATED INTO THE WORK SHALL BE NEW.

11. CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATELY BRACING AND PROTECTING ALL WORK DURING CONSTRUCTION AGAINST DAMAGES, BREAKAGES, COLLAPSE, DISTORTIONS AND OFF-ALIGNMENT ACCORDING TO APPLICABLE CODES, STANDARDS AND GOOD PRACTICE.

12. CONSTRUCTION SHALL COMPLY WITH ALL FEDERAL, STATE AND LOCAL CODES, ORDINANCES, RULES AND REGULATIONS PERTAINING TO LABOR AND MATERIALS.

13. ALL NOTES HEREIN MENTIONED WITH THOSE ON THE VARIOUS DRAWINGS SHALL APPLY TO ALL DRAWINGS AND FORM PART OF THE CONTRACT.

14. EACH CONTRACTOR WILL BE HELD STRICTLY RESPONSIBLE FOR HIS WORK. ANY DISCREPANCIES ON THE PLANS OR DETAILS SHALL BE CALLED TO THE ATTENTION OF THE ARCHITECT.

15. AN ACCURATE AND COMPLETE FINAL SURVEY, MADE BY A LICENSED SURVEYOR SHALL BE SUBMITTED AFTER COMPLETION OF THE WORK SHOWING THE LOCATION OF NEW BUILDING ELEVATION OF FIRST FLOOR, FINISHED GRADES OF OPEN SPACES, ESTABLISHED CURB LEVEL, LOCATION AND BOUNDARIES OF LOT. (C27-219).

16. POSTED OCCUPANCY AND USE. ALL BUILDING SHALL BE POSTED WITH A SIGN IN A FORM PRESCRIBED BY THE DEPARTMENT, PERMANENTLY AFFIXED, PLACED IN A CONSPICUOUS LOCATION IN PUBLIC HALL OR CORRIDOR, STATING LIVE LOADS IN THE BUILDING AND ALL PARTS THEREOF (C27-219).

17. ALL MATERIAL, ASSEMBLIES AND METHODS OF CONSTRUCTION REGULATED BY THE CODE AND NOT LISTED ABOVE, SHALL BE SUBJECT TO SEMI-CONTROLLED INSPECTION BY THE PERSON SUPERINTENDING THE CONSTRUCTION. SIGNED COPIES OF ALL TESTS AND INSPECTION REPORTS SHALL BE FILED THROUGH THE ARCHITECT, WITH THE DEPARTMENT OF BUILDINGS.

18. ALL MATERIALS AND ASSEMBLIES REQUIRED TO HAVE A FIRE RESISTANCE RATING SHALL COMPLY WITH ONE OF THE FOLLOWING:
a) IT SHALL CONFORM WITH N.F.B.U. 'FIRE RESISTANCE RATING'- 'DECEMBER 1964' OR
b) IT SHALL HAVE BEEN TESTED IN ACCORDANCE WITH A.S.T.M. E-119-1961, (STANDARDS METHODS OF FIRE TESTS OF BUILDING CONSTRUCTION AND MATERIALS) AND ACCEPTED BY THE COMMISSIONER OR
c) IT SHALL HAVE BEEN ACCEPTABLE PRIOR TO EFFECTIVE DATE OF THE CODE.

19. WHERE PIPES, WIRES, CONDUITS, DUCTS, ETC., PIERCE FIRE PROTECTION OF INDIVIDUALLY ENCASED STRUCTURAL MEMBERS, SUCH PENETRATION SHALL NOT EXCEED 2 PERCENT OF ANY ONE FACE OF SUCH PROTECTION AND SHALL BE CLOSED OFF WITH CLOSE FITTING METAL ESCUTCHEONS OR PLATES (C27-324A).

20. LINTELS SUPPORTING MASONRY WALL OVER 4 FEET IN WIDTH SHALL BE FIRE PROTECTED WITH MATERIALS HAVING THE REQUIRED FIRE RESISTANCE RATING OF THE WALL SUPPORTED (C27-326).

21. CEILINGS THAT CONTRIBUTE TO THE REQUIRED FIRE RESISTANCE RATING OF A FLOOR OR ROOF ASSEMBLY SHALL BE CONTINUOUS BETWEEN FIRE DIVISIONS, FIRE SEPARATIONS OR VERTICAL PARTITIONS HAVING THE SAME FIRE RESISTANCE RATING AS THE CEILING. CONCEALED SPACE ABOVE SUCH CEILING, UNLESS SPRINKLERED, SHALL BE FIRESTOPPED INTO AREAS NOT EXCEEDING 3,000 SQ. FT. ACCESS TO SUCH SPACES MAY BE THROUGH ONE OR MORE OPENINGS NOT EXCEEDING 9 SQ. FT. AND PROTECTED BY SELF-CLOSING OPENING PROTECTIVES (C27-327).

22. OPENING PROTECTIVES INCLUDING FRAMES, SELF-ENCLOSING DEVICES AND HARDWARE SHALL COMPLY WITH A.S.T.M. E-163, 1965 'STANDARD METHODS OF FIRE TEST OF DOOR ASSEMBLIES' AND A.S.T.M. E - 163' STANDARD METHODS OF FIRE TEST OF WINDOW ASSEMBLIES' AND SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH N.F.P.A. NO. 8-1967 'INSTALLATION OF FIRE DOOR AND WINDOWS'. OPENING PROTECTIVES SHALL HAVE BEEN ACCEPTED BY THE COMMISSIONER OR THE BOARD OF STANDARDS AND APPEALS (C27-329).

23. ROOF SHALL BE COVERED WITH CLASS 'A' ROOF COVERING MEETING THE REQUIREMENTS OF ASTM-108 'STANDARDS METHODS OF FIRE TESTS OF ROOF COVERINGS' -1965, OR REFERENCE STANDARD RS5-9, 'ROOF COVERING CLASIFICATIONS' (C27-327). DUCTS, PIPES, AND CONDUITS PASSING THROUGH RATED CONSTRUCTION SHALL HAVE SPACES NOT EXCEEDING 1/2 IN. PACKED WITH MINERAL WOOL AND CLOSED OFF WITH FITTING ESCUTCHEONS AGGREGATED NET AREA OF SUCH OPENINGS SHALL NOT EXCEED 25 SQ. FT. OF WALL OR FLOOR AREA, UNLESS PROTECTED BY RATED SELF-ENCLOSED DEVISES (C27-343).

24. FIRESTOPPING: CONCEALED SPACES WITHIN PARTITIONS, WALLS, FLOORS, ROOFS, STAIRS, FURRING PIPE SPACES, COLUMN ENCLOSURES, ETC. SHALL BE FIRESTOPPED (EXCEPT WHERE CONCEALED SPACE IS SPRINKLERED OR IS CONSTRUCTED AS A SHAFT) AS FOLLOWS:
a) CONSTRUCTION GROUP 1: WITH NON-COMBUSTIBLE MATERIAL THAT CAN BE SHAPED AS ACCEPTED BY NY ASTM E-814 'THROUGH PENETRATION FIRE STOP SYSTEM'.
b) NON-COMBUSTIBLE FIRESTOPPING MAY BE MASONRY SET IN MORTAR, CONCRETE, 3/4" MORTAR OR PLASTER ON NON-COMBUSTIBLE LATH. PLASTER BOARD AT LEAST 3/8" THICK, SOLID WEB METAL STRUCTURAL MEMBERS, 1/4" MINIMUM FIREPROOF CEMENT BOARD OR EQUIVALENT MATERIALS, MINERAL, SLAG, OR ROCKWOOL WHEN COMPACTED INTO CONFINED SPACE (C27-345).

25. ALL EXITS SHALL BE KEPT READILY ACCESSIBLE AND UNOBSTRUCTED AT ALL TIMES.

26. STAIRS SHALL HAVE HANDRAILS ON EACH SIDE (EXCEPT STAIRS LESS THAN 44 INCHES IN WIDTH), HAVING FINGER CLEARANCE OF 1 1/2 INCHES, PROJECTING NO MORE THAN 3 1/3 INCHES INTO THE REQUIRED STAIR WIDTH. HEIGHT OF HANDRAIL SHALL BE BETWEEN 30" AND 34" ABOVE THE TREAD NOSING. HANDRAILS SHALL BE RETURNED TO WALLS AND POSTS AT THEIR TERMINATION. MATERIALS OF HANDRAILS SHALL BE DESIGN TO RESIST A SIMULTANEOUS APPLICATION OF A LATERAL FORCE OF 40 PLF AND A VERTICAL LOAD OF 50 PLF. LANDINGS AND PLATFORMS SHALL BE ENCLOSED ON SIDES BY WALL OR RAILINGS AT LEAST 3'-0" HIGH. RISERS SHALL BE MAXIMUM 7 1/2" HIGH, EXCEPT 7 3/4" HIGH AT RESIDENTIAL AREAS. TREADS MINIMUM 9 1/2" WIDE EXCLUSIVE OF NOSING AND THE SUM OF 2 RISERS PLUS 1 TREAD EXCLUSIVE OF NOSING SHALL NOT BE LESS THAN 24 NOR MORE THAN25 1/2 INCHES.

27. TREAD, STRINGERS AND LANDINGS SHALL BE BUILT OF/OR SURFACED WITH NON-SKID MATERIALS.

28. DOORS TO DWELLING UNITS SHALL BE REQUIRED WITH A HEAVY DUTY DEAD BOLT OR OPERABLE BY KEY FROM OUTSIDE AND THUMB TURN FROM THE INSIDE AND A CHAIN DOOR GUARD. ALL OPERABLE WINDOWS SHALL BE EQUIPPED WITH SASH LOCKS.

29. EXIT LIGHTING SHALL BE ON CIRCUITS THAT ARE SEPARATE FROM ANY OTHER CIRCUITS, TAKEN OFF AHEAD OF THE MAIN SWITCH AND SHALL CONFORM TO SECTION C27-381.

30. LOCATION OF EVERY EXIT ON EVERY FLOOR SHALL BE CLEARLY INDICATED BY EXIT SIGN PLACED, IF REQUIRED, AT AN ANGLE WITH THE EXIT OPENING. INSTALL DIRECTIONAL SIGNS TO SERVE AS GUIDES FROM ALL PORTIONS OF THE CORRIDOR OF FLOORS. SIGNS SHALL BE IN SEPARATE CIRCUITS, TAKEN OFF AHEAD OF THE MAIN SWITCH (C27-383, C27-387).

31. EXIT SIGNS SHALL BE INTERNALLY LIGHTED, HAVING AN INITIAL BRIGHTNESS OF THE LETTERS OF AT LEAST 25 FOOTLAMBERTS. LETTERS SHALL BE RED, THE BACKGROUND SHALL BE WHITE. LETTERS SHALL BE BLOCK LETTERING, AT LEAST 8" HIGH WITH 3/4" STROKES. ALSO ALL EXIT SIGNS SHALL CONFORM WITH SECTIONS C27-383, C27-387, C27-541 & C27-534(e).

32. ALL TOILETS SHALL HAVE CERAMIC TILE FLOOR AND A 6" BASE. WAINSCOT SHALL BE PROVIDED WHERE CALLED FOR ON DRAWINGS.

33. ALL INTERIOR TOILETS SHALL BE MECHANICALLY VENTILATED IN ACCORDANCE WITH SECTION C27-759 OF THE BUILDING CODE.

GENERAL NOTES CONT.

34. THE ELEVATOR AND ALL STAIR SIGNS SHALL CONFORM TO SECTION C27-390 THROUGH C27-395.

35. ALL ELEVATOR DOORS SHALL HAVE ELECTRIC INTERLOCKS IN ACCORDANCE WITH SECTION C27-994 THROUGH C27-996.2.

36. SUSPENDED CEILINGS SHALL COMPLY WITH SECTION C27-350 OF THE BUILDING CODE, WITH METAL HANGERS, PURLINGS AND RUNNERS AS REQUIRED.

37. ALL DOORS TO REQUIRED EXIT STAIRS SHALL BE 3'-0" WIDE EXCEPT IF OTHERWISE NOTED.

38. ALL DOORS SHALL BE 7'-0" HIGH UNLESS OTHERWISE NOTED.

39. DOORS ASSEMBLIES SHALL HAVE THE FOLLOWING FIRE RESISTIVE RATINGS, AS PER SECTION C27-371. DOORS TO STAIRS 1 1/2 HOURS, EXCEPT WHERE OTHERWISE NOTED. DOORS TO ELEVATOR SHAFTS 1 1/2 HOUR.

40. ALL WORKERS MUST COMPLY TO ALL SAFETY LAWS.

SMOKE/CARBON MONOXIDE DETECTOR NOTES

THE FOLLOWING SHALL COMPLY WITH LOCAL LAWS 81 AND SUBCHAPTER 17, ARTICLE 6
-ALL DWELLING UNITS SHALL BE PROVIDED WITH APPROVED AND OPERATIONAL SMOKE DETECTING DEVICES
-ALL MECHANICAL, ELECTRICAL, AND TELEPHONE CLOSETS SHALL BE PROVIDED WITH APPROVED AND OPERATIONAL SMOKE DETECTING DEVICES
-POWER TO SMOKE DETECTORS SHALL BE HARD WIRED TO THE BUILDING, THERE SHALL BE NO SWITCHES IN THE CIRCUIT OTHER THAN THE OVER CURRENT DEVICE PROTECTING THE BRANCH CIRCUIT.
-ALL SMOKE DETECTING DEVICES SHALL BE LISTED BY A NATIONALLY RECOGNIZED INDEPENDENT LABORATORY

1. SMOKE/CARBON MONOXIDE DETECTORS OR DEVICES SHALL BE INSTALLED IN ACCORDANCE WITH THE HOUSING MAINTENANCE CODE, MULTIPLE DWELLING LAW, THE NEW YORK BUILDING CODE AND THE NEW YORK CITY ELECTRICAL CODE.

2. SMOKE DETECTORS AND CARBON MONOXIDE DETECTORS MAY BE COMBINED PROVIDING THE DEVICES COMPLY WITH THE PROVISIONS OF TITLE OF THE ADMINISTRATIVE CODE OF THE CITY OF NEW YORK AND ANY APPLICABLE RULES PROMULGATED THEREUNDER.

3. EACH SMOKE/CARBON MONOXIDE DETECTOR SHALL BE INSTALLED IN ACCORDANCE WITH RS 17-12 OF THE NYC BUILDING CODE.

4. EACH SMOKE/CARBON MONOXIDE DETECTOR SHALL BE INSTALLED OUTSIDE OF EACH SLEEPING ROOM IN THE IMMEDIATE VICINITY OR WITHIN 10' OF THE ENTRANCE TO A SLEEPING ROOM.

5. EACH SMOKE/CARBON MONOXIDE DETECTOR SHALL BE OF A TYPE THAT ALLOWS FOR READILY TESTING OF SUCH DEVICE.

6. DUPLEX UNITS SHALL HAVE A DEVICE LOCATED ON EACH LEVEL IF ONLY ONE MEANS OF EGRESS IS PROVIDED FROM EACH LEVEL.

7. CEILING MOUNTED DEVICES SHALL BE A MINIMUM DISTANCE OF 4" FROM ANY WALL.

8. WALL MOUNTED DEVICES SHALL BE A MINIMUM OF 4" TO A MAXIMUM OF 12" FROM THE CEILING.

9. EACH DWELLING UNIT SHALL BE EQUIPPED WITH AN APPROVED TYPE SMOKE/CARBON MONOXIDE DETECTOR DEVICE RECEIVING PRIMARY POWER FROM THE BUILDING WIRING WITH NO SWITCHES IN THE CIRCUIT OTHER THAN THE OVER CURRENT DEVICE PROTECTING THE BRANCH CIRCUIT AS PER NYC BUILDING CODE SECTION 27-981(B).

10. EXISTING BUILDINGS THAT ARE NOT EQUIPPED WITH HARDWIRE CONNECTIONS SHALL BE SUPPLIED WITH BATTERY OPERATED DEVICES.

11. SUCH SMOKE/CARBON MONOXIDE DETECTOR MUST BE EITHER THE IONIZATION CHAMBER TYPE OR THE PHOTOELECTRIC DETECTOR TYPE AS PER NYC BUILDING CODE SECTION 27-981(B).

12. A 'CERTIFICATE OF SATISFACTORY INSTALLATION FOR SMOKE/CARBON DETECTORS' MUST BE FILED WITH THE DIVISION OF CODE ENFORCEMENT HPD 10 DAYS AFTER INSTALLATION.

13. WRITTEN INFORMATION OF TESTING AND MAINTENANCE OF THE DEVICES SHALL BE PROVIDED TO THE DWELLING UNIT OWNER.

M.D.L. AND H.M.C NOTES

1. THE WORK SHALL COMPLY WITH ALL THE RULES AND REGULATIONS OF THE DEPARTMENT OF BUILDINGS OF THE CITY OF NEW YORK AND ALL OTHER APPLICABLE LOCAL, STATE FEDERAL DEPARTMENTS AND CODES HAVING JURISDICTION.

2. THE BUILDING SHALL COMPLY WITH ARTICLE 7 M.D.L. & HOUSING AND MAINTENANCE CODE.

3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY CHANGES AND DEVIATIONS OF THE APPROVED PLANS.

4. BATH VENTS: 12x12 DUCTS, 18 GA. METAL WITH CORNER CHANNELS SECURED AT ALL FLOORS AND ROOF. FIRE RETARD WITH 2 IN. VERMICULITE PL ON M/L ENTIRE LENGTH OF DUCT; EXTEND 4 IN. ABOVE ROOF. PROVIDE REGISTER, GRAVITY DAMPER WITH FUSIBLE LINK. FAN ON ROOF TO PROVIDE 4 AIR CHANGES/HR., 25 CFM VELOCITY AND TO RUN FORM 6:00 A.M. TO 12 MIDNIGHT.

5. KITCHEN AND KITCHENETTE VENT: 8x8 DUCTS, 16 GA. METAL SIMILAR TO BATH VENTS EXCEPT THAT FAN ON ROOF TO PROVIDE 6 CHANGES/HR., 150 CFM TO RUN CONTINUOUSLY. SEE KITCHEN AND KITCHENETTES: SEC. 3 M.D.L. AND ART. 32 H.M.C.
a) EVERY KITCHEN AND KITCHENETTE SHALL BE PROVIDED WITH FACILITIES FOR COOKING AND SHALL BE EQUIPPED FOR ARTIFICIAL LIGHTING.
b) EVERY KITCHEN AND KITCHENETTE SHALL BE PROVIDED WIT A SINK HAVING A MIN. 2 IN. WASTE AND TRAP.
c) LIGHTING AND VENTILATION OF KITCHENETTES SHALL BE PROVIDED UNDER SEC. 30 M.D.L. AND ART. 30 H.M.C.
d) CEILING AND WALL EXCLUSIVE OF DOORS OF ALL KITCHENETTES SHALL BE FIRE RETARDED WITH MATERIALS HAVING A ONE (1) HR. FIRE RATING WITH ONE LAYER OF PLASTER B.F.C. 60.
e) ALL COMBUSTIBLE MATERIALS IMMEDIATELY UNDERNEATH AND WITHIN ONE FOOT OF COOKING APPARATUS SHALL BE PROPERLY FIRE RETARDED AND A MIN. OF TWO (2) FEET CLEARANCE MAINTAINED ABOVE EXPOSED COOKING SURFACES. COMBUSTIBLE MATERIALS BETWEEN TWO (2) & THREE (3) FEET ABOVE EXPOSED COOKING SURFACES SHALL BE FIRE RETARDED WITH 5/8" PL.BD.FC.60
f) GAS RANGES TO BE APPROVED AS PER SEC. 64 M.D.L. & AGA.

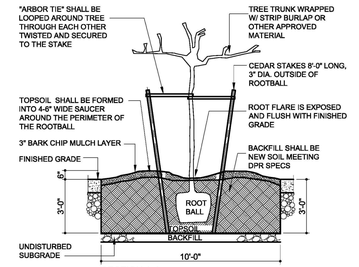
6. SPRINKLERS SHALL COMPLY WITH SEC. 187 M.D.L.

7. NATURAL LIGHTING AND VENTILATION FOR ALL OCCUPIED ROOMS SHALL CONFORM WITH LIGHTING AND VENTILATION SEC. 30 M.D.L. AND ART. 30 H.M.C.
a) WINDOWS IN ALL ROOMS, EXCEPT BATHROOMS AND KITCHENETTES, SHALL BE AT LEAST ONE TENTH THE AREA OF THE ROOM AND BE AT LEAST 12 S.F. IN AREA B.S.B. AND 50% OPERABLE.
b) ROOMS HAVING ONLY ONE WINDOW LESS THAN 18 S.F. IN AREA SHALL HAVE A TRANSOM OR LOUVER, OVER THE DOOR HAVING A MIN. AREA OF 144 SQ. IN.

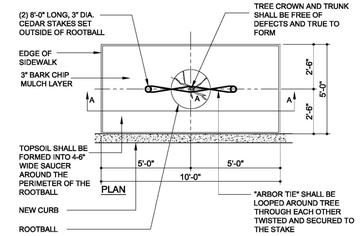
8. PEEPHOLES SHALL COMPLY WITH SEC. 51-A M.D.L. AND ART. 20 H.M.C. PEEPHOLES SHALL BE PROVIDED IN ENTRANCE DOORS OF EACH DWELLING UNIT, LOCATED AS PRESCRIBED BY THE DEPARTMENT WITH B.S.A. APPROVED ASSEMBLY.

9. ARTIFICIAL LIGHTING SHALL COMPLY WITH SEC. 26 & 35 M.D.L. AND ART. 19 H.M.C.
a) PROPER ELECTRIC LIGHTING AND EQUIPMENT SHALL BE PROVIDED AND MAINTAINED WITHIN ALL DWELLING UNITS.
b) PROPER ELECTRIC LIGHTINGS SHALL BE INSTALLED AND MAINTAINED AT OR NEAR THE OUTSIDE FRONT ENTRANCE WAY AND IN EVERY REAR YARD, SIDE YARD, FRONT YARD, AND COURTS. A MIN. OF 50 WATTS INCANDESCENT ILLUMINATION OR EQUIVALENT AT FRONT ENTRANCE WAY AND A MIN. OF 40 WATTS IN YARDS AND COURTS AND SHALL BE KEPT BURNING FROM SUNSET EACH DAY TO SUNRISE ON THE FOLLOWING DAY.
c) MAIN ENTRANCE AND VESTIBULE DOORS SHALL HAVE NO LESS THAN FIVE PROPER ELECTRIC LIGHTINGS. SHALL BE INSTALLED AND MAINTAINED AT OR NEAR THE OUTSIDE FRONT ENTRANCE WAY AND IN EVERY REAR YARD, SIDE YARD, FRONT YARD, AND COURTS. A MIN. OF 50 WATTS INCANDESCENT ILLUMINATION OR EQUIVALENT AT FRONT ENTRANCE WAY AND A MIN. OF 40 WATTS IN YARDS AND COURTS AND SHALL BE KEPT BURNING FROM SUNSET EACH DAY TO SUNRISE ON THE FOLLOWING DAY.

TREE PLANTING DETAIL



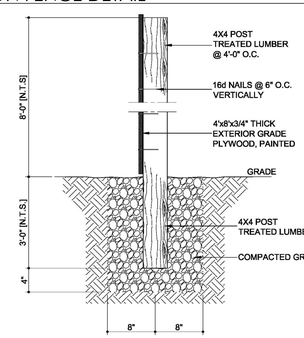
SECTION A-A



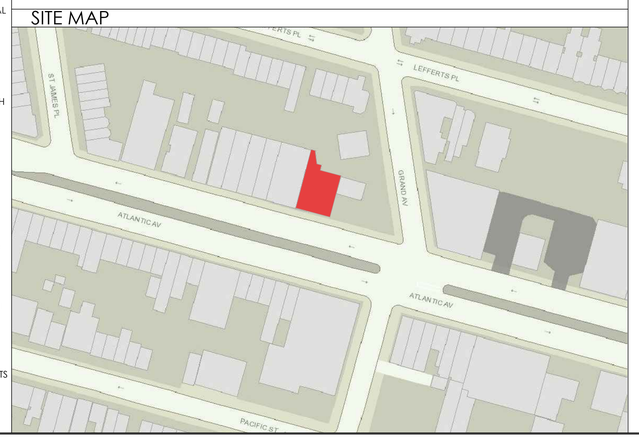
PLAN

1. ALL MATERIALS & CONST. METHODS USED ARE TO CONFORM TO SECTION OF 4.16 OF THE BUREAU OF HIGHWAY OPERATIONS SPEC'S. LATEST EDITION.
2. PRIOR TO THE START OF WORK, THE CONST. SHALL OBTAIN THE NECESSARY PERMIT FRON THE DEPT. OF PARKS & RECREATION FOR THE REMOVAL & PLANTING OF TREES.
3. TREE PITS SHOULD BE LOCATED TWO (2) FEET MIN. FROM GAS, OIL OR WATER BOXES.
4. TREE STAKES ARE TO BE REMOVED BY THE TREE SUBCONT. NOT LESS THEN ONE YEAR AFTER PLANTING OF SAND TREES & PRIOR TO THE FINAL ACCEPTANCE OF THE WORK.
5. USE OF SIDEWALK PAVEMENT MATERIALS OTHER THEN GRANITE BLOCK MUST BE SPECIFICALLY APP, IN WRITING, BY THE BUREAU OF HIGHWAY OPERATIONS.
6. GRANITE BLOCK IN TREE PIT SHALL BE PAID FOR UNDER ITEM NO. 8.06.

CONSTRUCTION FENCE DETAIL

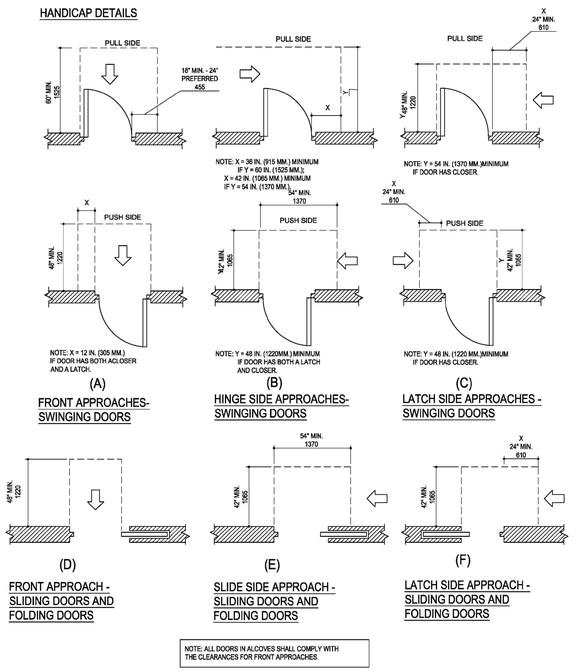


SITE MAP



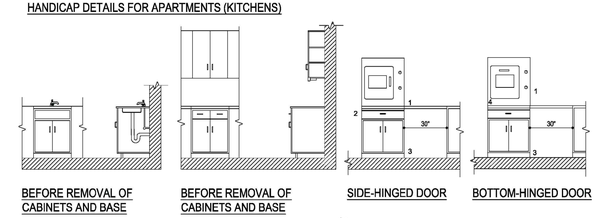
ADA DETAILS

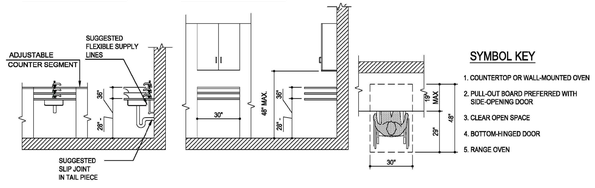
HANDICAP DETAILS



NOTE: ALL DOORS IN ALCOVES SHALL COMPLY WITH THE CLEARANCES FOR FRONT APPROACHES.

HANDICAP DETAILS FOR APARTMENTS (KITCHENS)

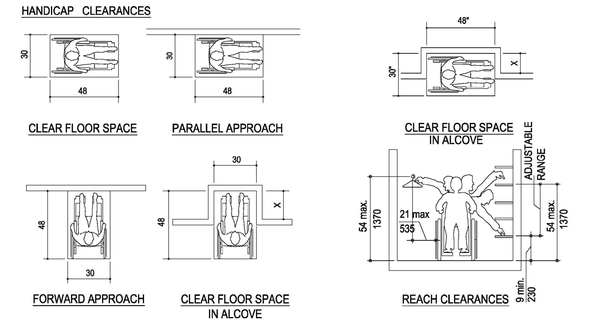




CABINETS AND BASE REMOVED AND HEIGHT ALT.

CLEAR FLOOR SPACE UNDER WORK SURFACE

HANDICAP CLEARANCES



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ARCHITECT ASSUMES NO RESPONSIBILITY FOR ANY WORK WHICH DEVIATES FROM APPROVED PLANS. THE CONTRACTOR MUST OBTAIN WRITTEN APPROVAL FOR ANY CHANGES FROM THE ARCHITECT BEFORE COMMENCING SUCH WORK.

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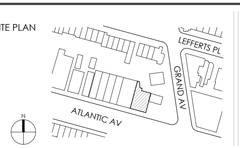
BLEVIN@LEVIN-ENGINEERING.COM

SITE PLAN



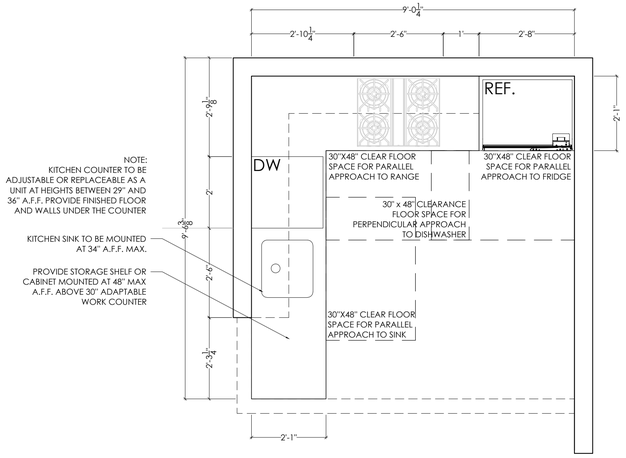
PROJECT No:	1405 BA_929
DRAWING	REV. # DATE

REGISTERED ARCHITECT PAUL GREGORY 026713 STATE OF NEW YORK

PAUL GREGORY, R.A.

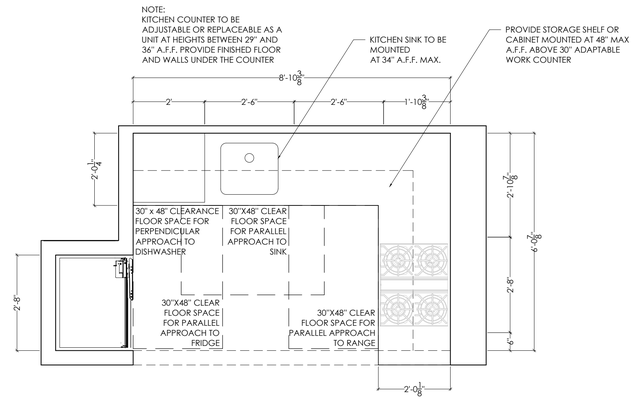
DRAWING TITLE:	GENERAL NOTES, ADA DETAILS
DATE:	09/29/2014
SCALE:	AS NOTED
SHEET:	A-002.00

CLEARANCE DETAIL - KITCHENS



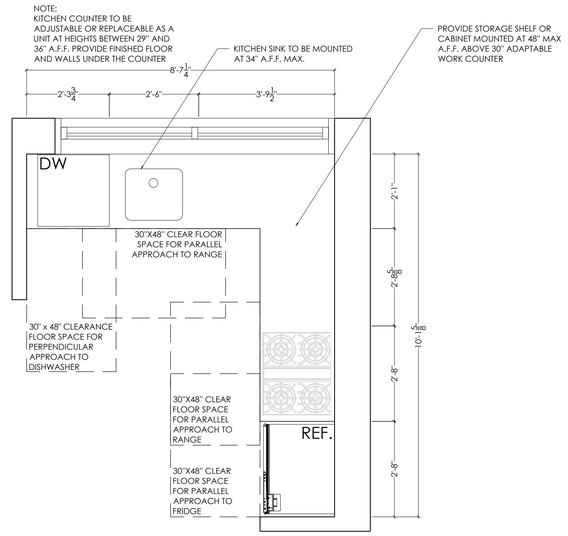
1 R2 OCCUPANCY TYPE 1 APPENDIX KITCHEN

SCALE: 1/2" = 1'-0"



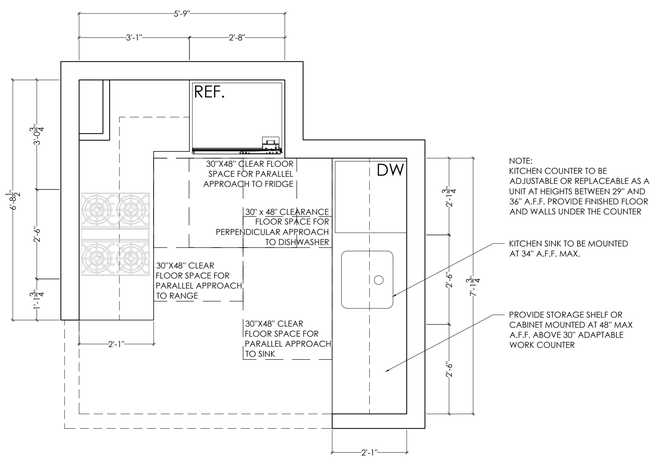
2 R2 OCCUPANCY TYPE 2 APPENDIX KITCHEN

SCALE: 1/2" = 1'-0"



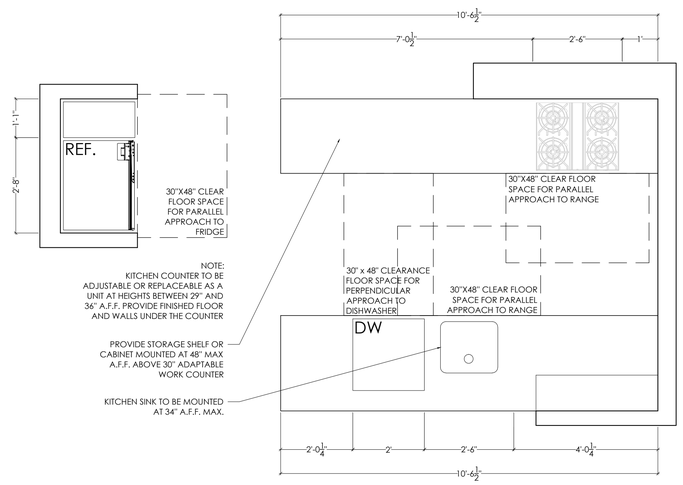
3 R2 OCCUPANCY TYPE 3 APPENDIX KITCHEN

SCALE: 1/2" = 1'-0"



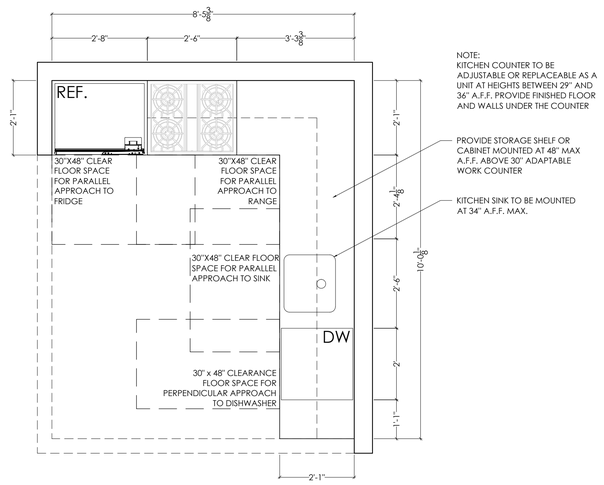
4 R2 OCCUPANCY TYPE 4 APPENDIX KITCHEN

SCALE: 1/2" = 1'-0"



5 R2 OCCUPANCY TYPE 5 APPENDIX KITCHEN

SCALE: 1/2" = 1'-0"



6 R2 OCCUPANCY TYPE 6 APPENDIX KITCHEN

SCALE: 1/2" = 1'-0"

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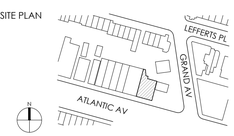
SITE PLAN



PROJECT No:	1405 BA_929
DRAWING	REV. # DATE

REGISTERED ARCHITECT PAUL GREGORY 026717 STATE OF NEW YORK
PAUL GREGORY, R.A.

DRAWING TITLE: ADA CLEARANCES KITCHENS
DATE: 09/29/2014
SCALE: AS NOTED
SHEET: A-003.00

CLEARANCE DETAIL - ELEVATOR

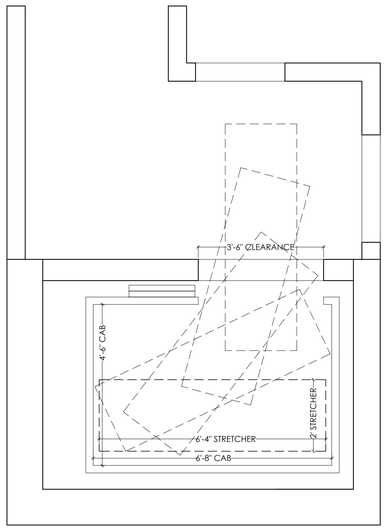
NOTES:

ELEVATOR CONSTRUCTION, DIMENSIONS AND CONTROL MECHANISM SHALL COMPLY WITH SECTION 407 OF THE ICC A117.1-2008 AND ASME A17.1.

ELEVATOR OPERATION SHALL BE AUTOMATIC.

IN ALL BUILDINGS 5 STORIES HIGH OR MORE, ELEVATOR CAB SIZE TO COMPLY WITH STRETCHER-SIZED ELEVATOR CAB DIMENSIONS AS PER SECTION BC 3002.4 SUCH ELEVATOR SHALL BE IDENTIFIED WITH THE INTERNATIONAL SYMBOL FOR EMERGENCY MEDICAL SERVICES/STAR OF LIFE.

ELEVATOR EMERGENCY OPERATIONS TO COMPLY WITH SECTIONBC 3003.



1 R2 OCCUPANCY ELEVATOR CAB DIMENSIONS

SCALE: 1/2" = 1'-0"

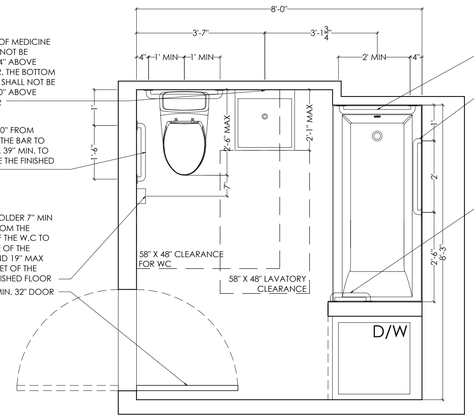
CLEARANCE DETAIL - BATHROOMS

BOTTOM SHELF OF MEDICINE CABINET SHALL NOT BE HIGHER THAN 44" ABOVE FINISHED FLOOR. THE BOTTOM OF THE MIRROR SHALL NOT BE HIGHER THAN 40" ABOVE FINISHED FLOOR

18" GRAB BAR 30" FROM CENTERLINE OF THE BAR TO THE REAR WALL. 39" MIN. TO 41" MAX ABOVE THE FINISHED FLOOR

TOILET PAPER HOLDER 7" MIN AND 9" MAX FROM THE OUTER EDGE OF THE W.C TO THE CENTERLINE OF THE T.P.H14" MIN AND 19" MAX FROM THE OUTLET OF THE T.P.H TO THE FINISHED FLOOR

MIN. 32" DOOR



VERTICAL GRAB BAR

2 HORIZONTAL GRAB BARS

ALIGN GRAB BAR WITH FRONT EDGE OF BATHTUB

NOTE:
GRAB BARS ARE NOT REQUIRED TO BE INSTALLED WHERE REINFORCMENT FOR SUCH GRAB BARS IS INSTALLED AND LOCATED TO PERMIT FUTURE INSTALLATION OF SUCH GRAB BARS, OPERABLE PARTS SUCH AS LIGHTING CONTROLS, SWITCHES AND RECEPTACLE OUTLETS, AND ENVIRONMENTAL CONTROLS SHALL BE ACESSIBLE.

NYBC - P102.3 EXCEPTION 2 - THE DOOR MAY SWING INTO CLEAR FLOOR SPACE FOR FIXTURES IF FUTURE REVERSAL OF THE DOOR SWING IS PROVIDED.

2 R2 OCCUPANCY TYPE 1 APPENDIX BATHROOM

SCALE: 1/2" = 1'-0"

NOTE:
GRAB BARS ARE NOT REQUIRED TO BE INSTALLED WHERE REINFORCMENT FOR SUCH GRAB BARS IS INSTALLED AND LOCATED TO PERMIT FUTURE INSTALLATION OF SUCH GRAB BARS, OPERABLE PARTS SUCH AS LIGHTING CONTROLS, SWITCHES AND RECEPTACLE OUTLETS, AND ENVIRONMENTAL CONTROLS SHALL BE ACESSIBLE.

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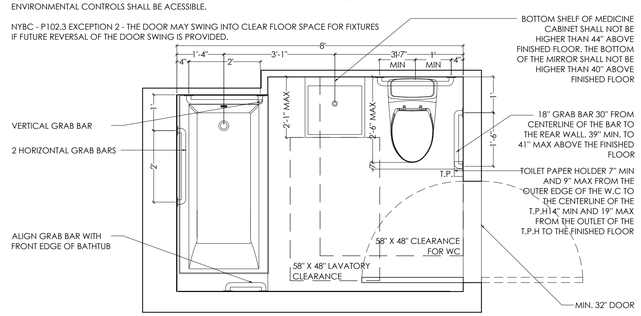
BOTTOM SHELF OF MEDICINE CABINET SHALL NOT BE HIGHER THAN 44" ABOVE FINISHED FLOOR. THE BOTTOM OF THE MIRROR SHALL NOT BE HIGHER THAN 40" ABOVE FINISHED FLOOR

18" GRAB BAR 30" FROM CENTERLINE OF THE BAR TO THE REAR WALL. 39" MIN. TO 41" MAX ABOVE THE FINISHED FLOOR

TOILET PAPER HOLDER 7" MIN AND 9" MAX FROM THE OUTER EDGE OF THE W.C TO THE CENTERLINE OF THE T.P.H14" MIN AND 19" MAX FROM THE OUTLET OF THE T.P.H TO THE FINISHED FLOOR

MIN. 32" DOOR



VERTICAL GRAB BAR

2 HORIZONTAL GRAB BARS

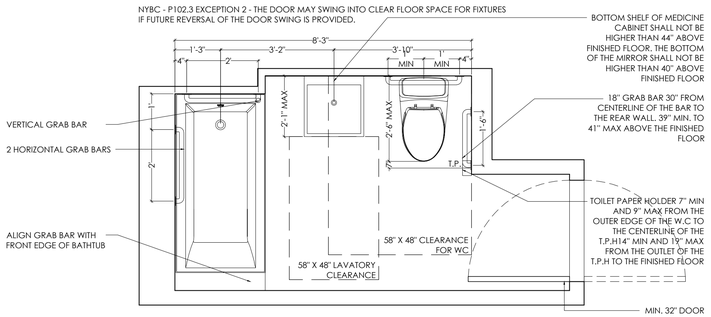
ALIGN GRAB BAR WITH FRONT EDGE OF BATHTUB

3 R2 OCCUPANCY TYPE 2 APPENDIX BATHROOM

SCALE: 1/2" = 1'-0"

NOTE:
GRAB BARS ARE NOT REQUIRED TO BE INSTALLED WHERE REINFORCMENT FOR SUCH GRAB BARS IS INSTALLED AND LOCATED TO PERMIT FUTURE INSTALLATION OF SUCH GRAB BARS, OPERABLE PARTS SUCH AS LIGHTING CONTROLS, SWITCHES AND RECEPTACLE OUTLETS, AND ENVIRONMENTAL CONTROLS SHALL BE ACESSIBLE.

NYBC - P102.3 EXCEPTION 2 - THE DOOR MAY SWING INTO CLEAR FLOOR SPACE FOR FIXTURES IF FUTURE REVERSAL OF THE DOOR SWING IS PROVIDED.



VERTICAL GRAB BAR

2 HORIZONTAL GRAB BARS

ALIGN GRAB BAR WITH FRONT EDGE OF BATHTUB

BOTTOM SHELF OF MEDICINE CABINET SHALL NOT BE HIGHER THAN 44" ABOVE FINISHED FLOOR. THE BOTTOM OF THE MIRROR SHALL NOT BE HIGHER THAN 40" ABOVE FINISHED FLOOR

18" GRAB BAR 30" FROM CENTERLINE OF THE BAR TO THE REAR WALL. 39" MIN. TO 41" MAX ABOVE THE FINISHED FLOOR

TOILET PAPER HOLDER 7" MIN AND 9" MAX FROM THE OUTER EDGE OF THE W.C TO THE CENTERLINE OF THE T.P.H14" MIN AND 19" MAX FROM THE OUTLET OF THE T.P.H TO THE FINISHED FLOOR

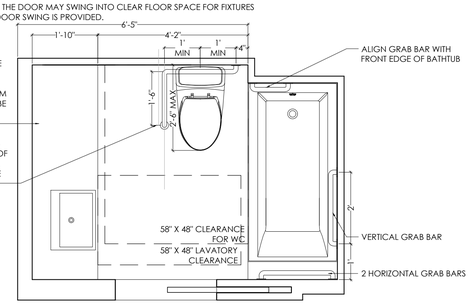
MIN. 32" DOOR

4 R2 OCCUPANCY TYPE 3 APPENDIX BATHROOM

SCALE: 1/2" = 1'-0"

NOTE:
GRAB BARS ARE NOT REQUIRED TO BE INSTALLED WHERE REINFORCMENT FOR SUCH GRAB BARS IS INSTALLED AND LOCATED TO PERMIT FUTURE INSTALLATION OF SUCH GRAB BARS, OPERABLE PARTS SUCH AS LIGHTING CONTROLS, SWITCHES AND RECEPTACLE OUTLETS, AND ENVIRONMENTAL CONTROLS SHALL BE ACESSIBLE.

NYBC - P102.3 EXCEPTION 2 - THE DOOR MAY SWING INTO CLEAR FLOOR SPACE FOR FIXTURES IF FUTURE REVERSAL OF THE DOOR SWING IS PROVIDED.



BOTTOM SHELF OF MEDICINE CABINET SHALL NOT BE HIGHER THAN 44" ABOVE FINISHED FLOOR. THE BOTTOM OF THE MIRROR SHALL NOT BE HIGHER THAN 40" ABOVE FINISHED FLOOR

FLOOR MOUNTED 18" GRAB BAR 30" FROM CENTERLINE OF THE BAR TO THE REAR WALL. 39" MIN. TO 41" MAX ABOVE THE FINISHED FLOOR

ALIGN GRAB BAR WITH FRONT EDGE OF BATHTUB

VERTICAL GRAB BAR

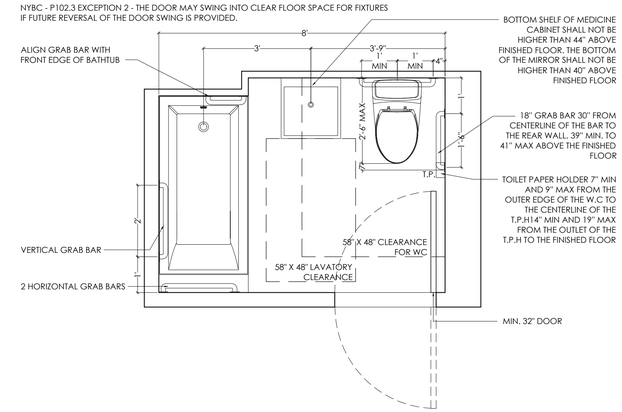
2 HORIZONTAL GRAB BARS

5 R2 OCCUPANCY TYPE 4 APPENDIX BATHROOM

SCALE: 1/2" = 1'-0"

NOTE:
GRAB BARS ARE NOT REQUIRED TO BE INSTALLED WHERE REINFORCMENT FOR SUCH GRAB BARS IS INSTALLED AND LOCATED TO PERMIT FUTURE INSTALLATION OF SUCH GRAB BARS, OPERABLE PARTS SUCH AS LIGHTING CONTROLS, SWITCHES AND RECEPTACLE OUTLETS, AND ENVIRONMENTAL CONTROLS SHALL BE ACESSIBLE.

NYBC - P102.3 EXCEPTION 2 - THE DOOR MAY SWING INTO CLEAR FLOOR SPACE FOR FIXTURES IF FUTURE REVERSAL OF THE DOOR SWING IS PROVIDED.



ALIGN GRAB BAR WITH FRONT EDGE OF BATHTUB

BOTTOM SHELF OF MEDICINE CABINET SHALL NOT BE HIGHER THAN 44" ABOVE FINISHED FLOOR. THE BOTTOM OF THE MIRROR SHALL NOT BE HIGHER THAN 40" ABOVE FINISHED FLOOR

18" GRAB BAR 30" FROM CENTERLINE OF THE BAR TO THE REAR WALL. 39" MIN. TO 41" MAX ABOVE THE FINISHED FLOOR

TOILET PAPER HOLDER 7" MIN AND 9" MAX FROM THE OUTER EDGE OF THE W.C TO THE CENTERLINE OF THE T.P.H14" MIN AND 19" MAX FROM THE OUTLET OF THE T.P.H TO THE FINISHED FLOOR

VERTICAL GRAB BAR

2 HORIZONTAL GRAB BARS

MIN. 32" DOOR

6 R2 OCCUPANCY TYPE 5 APPENDIX BATHROOM

SCALE: 1/2" = 1'-0"

PROJECT:

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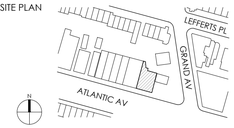
SITE PLAN



PROJECT No:	1405 BA_929
DRAWING	REV. # DATE

REGISTERED ARCHITECT PAUL GREGORY 026717 STATE OF NEW YORK

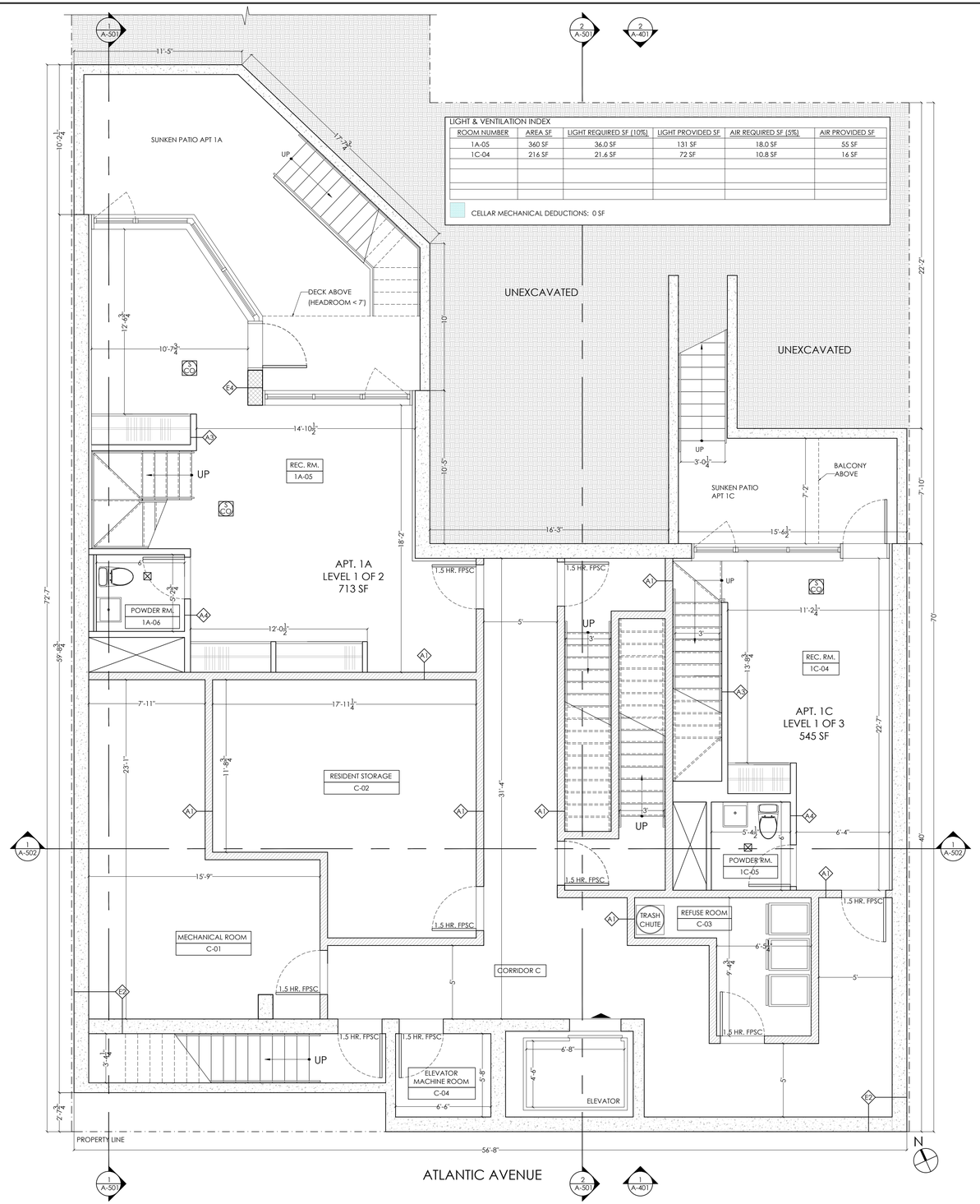
PAUL GREGORY, R.A.

DRAWING TITLE: ADA CLEARANCES BATHROOM AND ELEVATOR

DATE: 09/29/2014

SCALE: AS NOTED

SHEET: A-004.00



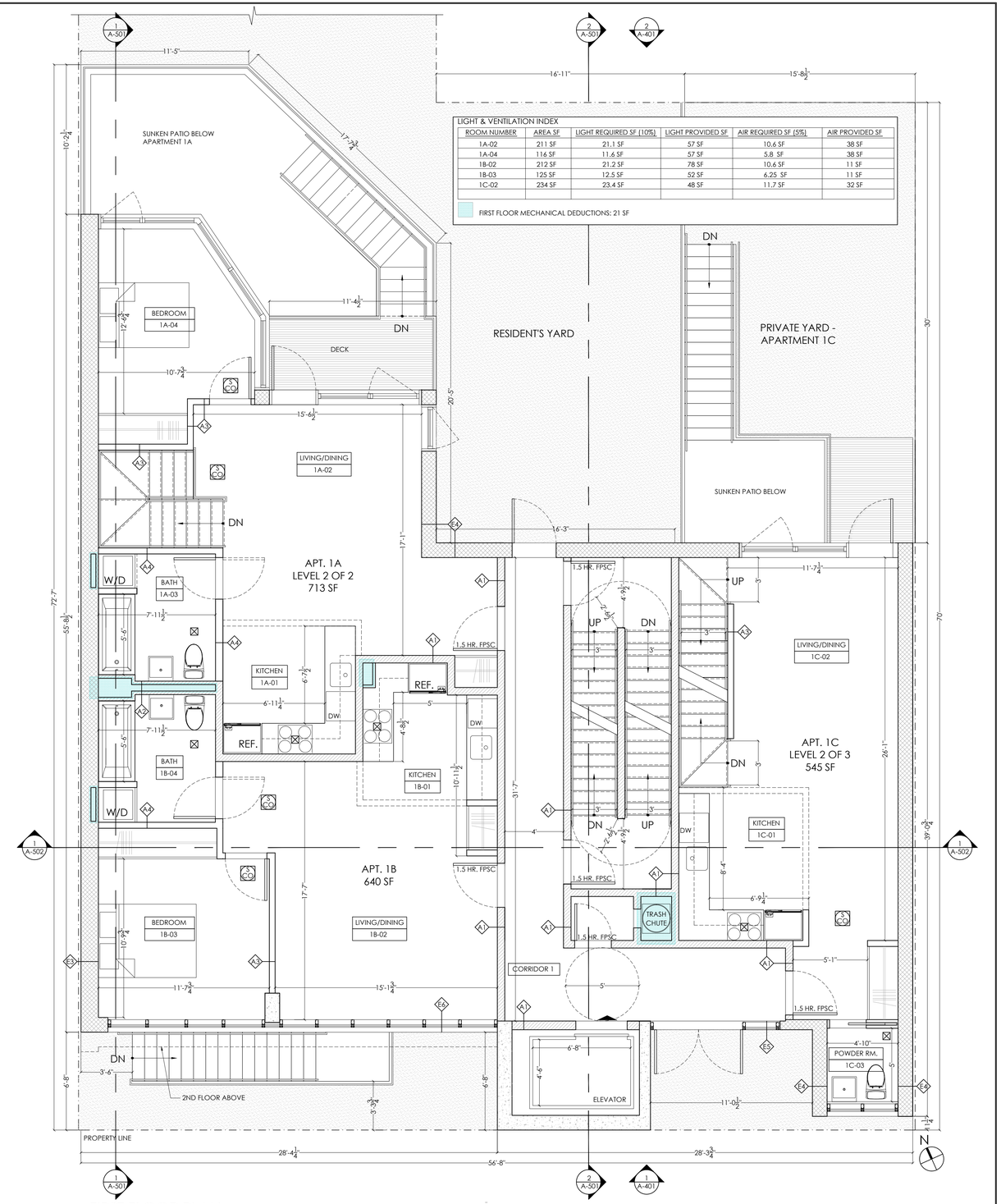
LIGHT & VENTILATION INDEX

ROOM NUMBER	AREA SF	LIGHT REQUIRED SF (10%)	LIGHT PROVIDED SF	AIR REQUIRED SF (5%)	AIR PROVIDED SF
1A-05	360 SF	36.0 SF	131 SF	18.0 SF	55 SF
1C-04	216 SF	21.6 SF	72 SF	10.8 SF	16 SF

CELLAR MECHANICAL DEDUCTIONS: 0 SF

1 CELLAR PLAN

SCALE: 1/4" = 1'-0"



LIGHT & VENTILATION INDEX

ROOM NUMBER	AREA SF	LIGHT REQUIRED SF (10%)	LIGHT PROVIDED SF	AIR REQUIRED SF (5%)	AIR PROVIDED SF
1A-02	211 SF	21.1 SF	57 SF	10.6 SF	38 SF
1A-04	116 SF	11.6 SF	57 SF	5.8 SF	38 SF
1B-02	212 SF	21.2 SF	78 SF	10.6 SF	11 SF
1B-03	125 SF	12.5 SF	52 SF	6.25 SF	11 SF
1C-02	234 SF	23.4 SF	48 SF	11.7 SF	32 SF

FIRST FLOOR MECHANICAL DEDUCTIONS: 21 SF

2 FIRST FLOOR PLAN

SCALE: 1/4" = 1'-0"

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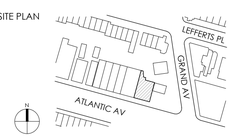
SITE PLAN



PROJECT No:	1405 BA_929
DRAWING	REV. # DATE

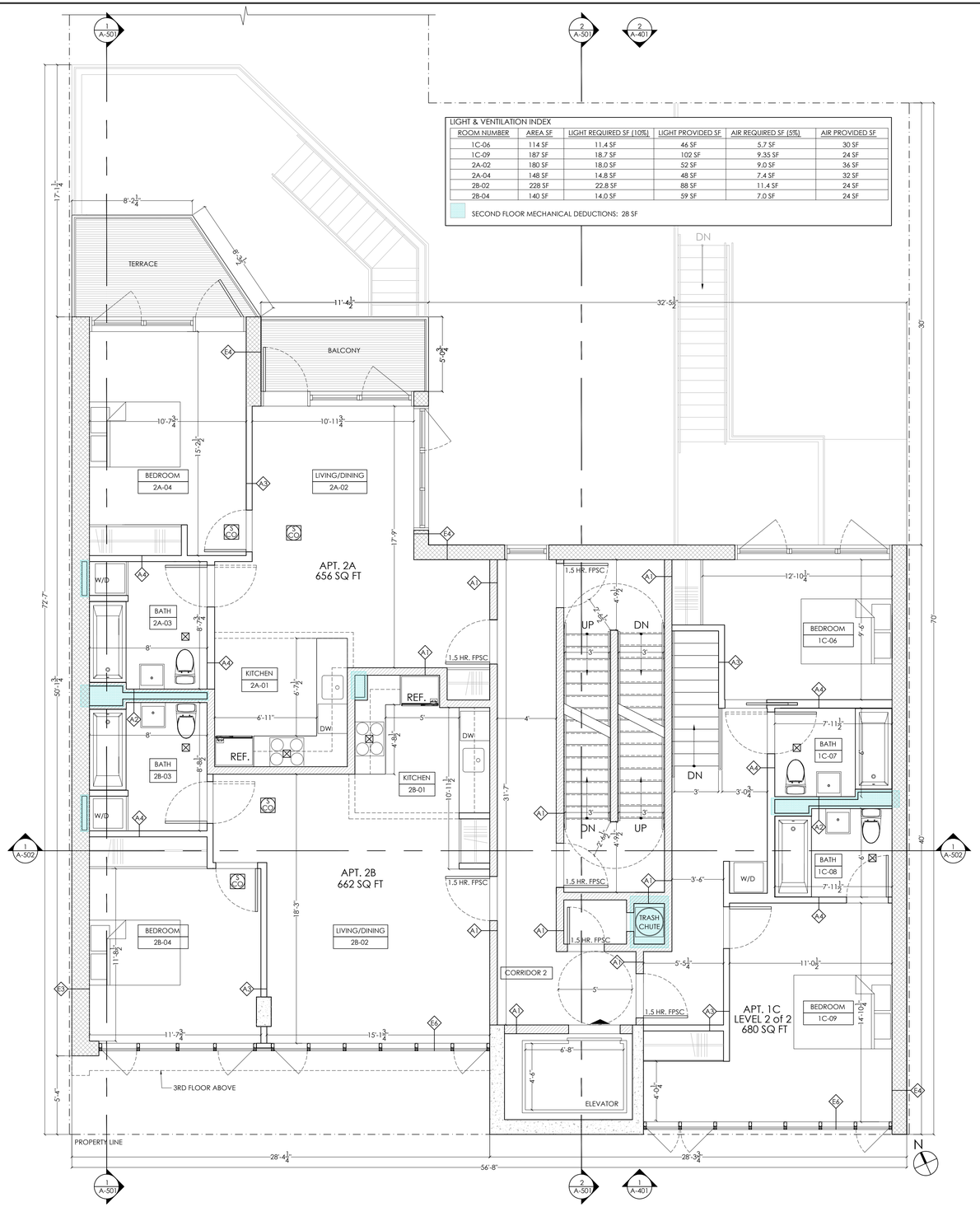
REGISTERED ARCHITECT PAUL GREGORY 028717 STATE OF NEW YORK
PAUL GREGORY, R.A.

DRAWING TITLE: FLOOR PLANS
DATE: 09/29/2014
SCALE: AS NOTED
SHEET: A-101.00

LIGHT & VENTILATION INDEX

ROOM NUMBER	AREA SF	LIGHT REQUIRED SF (10%)	LIGHT PROVIDED SF	AIR REQUIRED SF (5%)	AIR PROVIDED SF
1C-06	114 SF	11.4 SF	46 SF	5.7 SF	30 SF
1C-09	187 SF	18.7 SF	102 SF	9.35 SF	24 SF
2A-02	180 SF	18.0 SF	52 SF	9.0 SF	36 SF
2A-04	148 SF	14.8 SF	48 SF	7.4 SF	32 SF
2B-02	228 SF	22.8 SF	88 SF	11.4 SF	24 SF
2B-04	140 SF	14.0 SF	59 SF	7.0 SF	24 SF

SECOND FLOOR MECHANICAL DEDUCTIONS: 28 SF



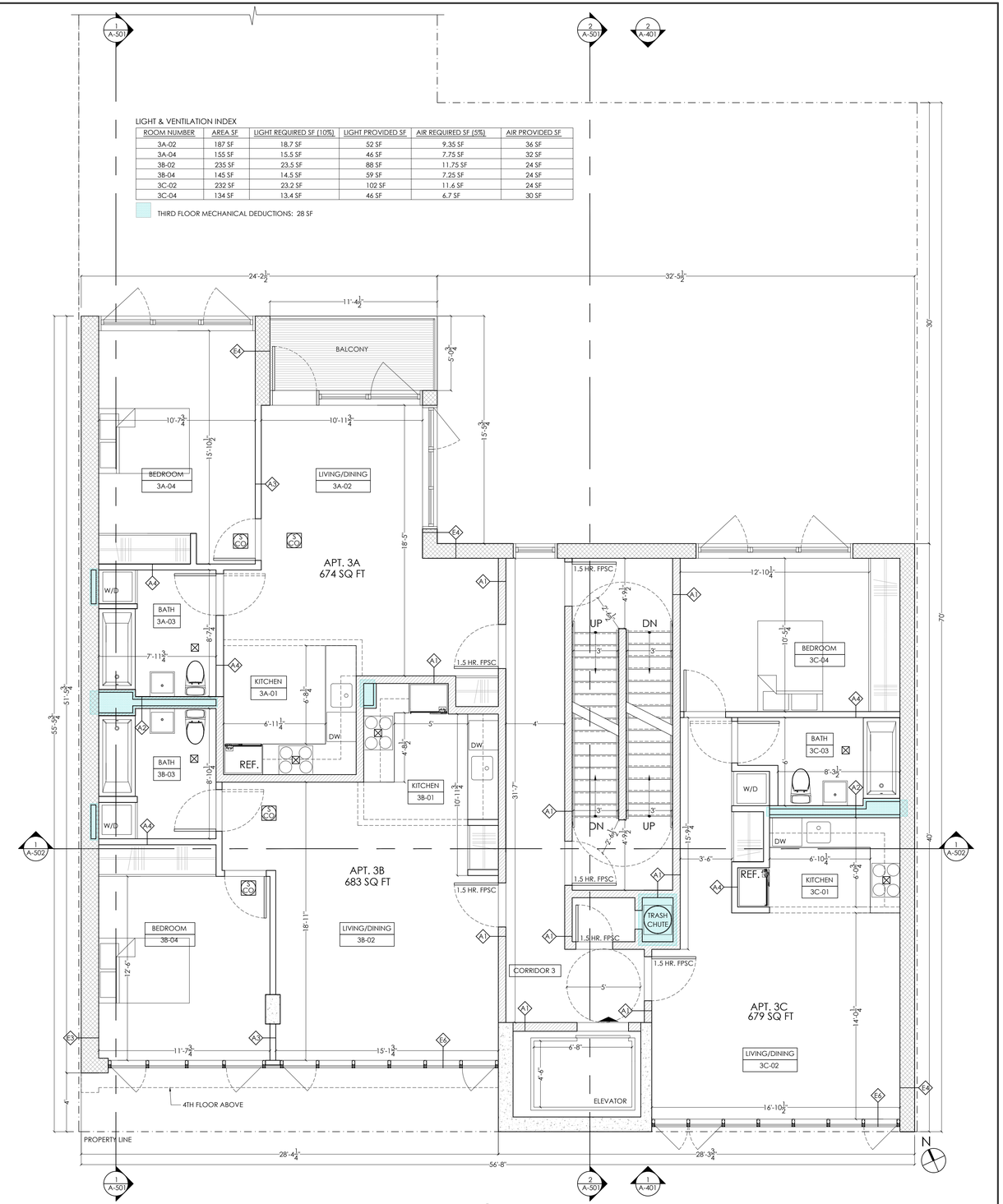
1 SECOND FLOOR PLAN

SCALE: 1/4" = 1'-0"

LIGHT & VENTILATION INDEX

ROOM NUMBER	AREA SF	LIGHT REQUIRED SF (10%)	LIGHT PROVIDED SF	AIR REQUIRED SF (5%)	AIR PROVIDED SF
3A-02	187 SF	18.7 SF	52 SF	9.35 SF	36 SF
3A-04	155 SF	15.5 SF	46 SF	7.75 SF	32 SF
3B-02	235 SF	23.5 SF	88 SF	11.75 SF	24 SF
3B-04	145 SF	14.5 SF	59 SF	7.25 SF	24 SF
3C-02	232 SF	23.2 SF	102 SF	11.6 SF	24 SF
3C-04	134 SF	13.4 SF	46 SF	6.7 SF	30 SF

THIRD FLOOR MECHANICAL DEDUCTIONS: 28 SF



2 THIRD FLOOR PLAN

SCALE: 1/4" = 1'-0"

PROJECT:

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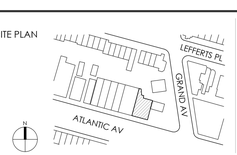
SITE PLAN



PROJECT No:	1405 BA_929	
DRAWING	REV. #	DATE

REGISTERED ARCHITECT PAUL GREGORY 026717 STATE OF NEW YORK

PAUL GREGORY, R.A.

DRAWING TITLE: FLOOR PLANS

DATE: 09/29/2014

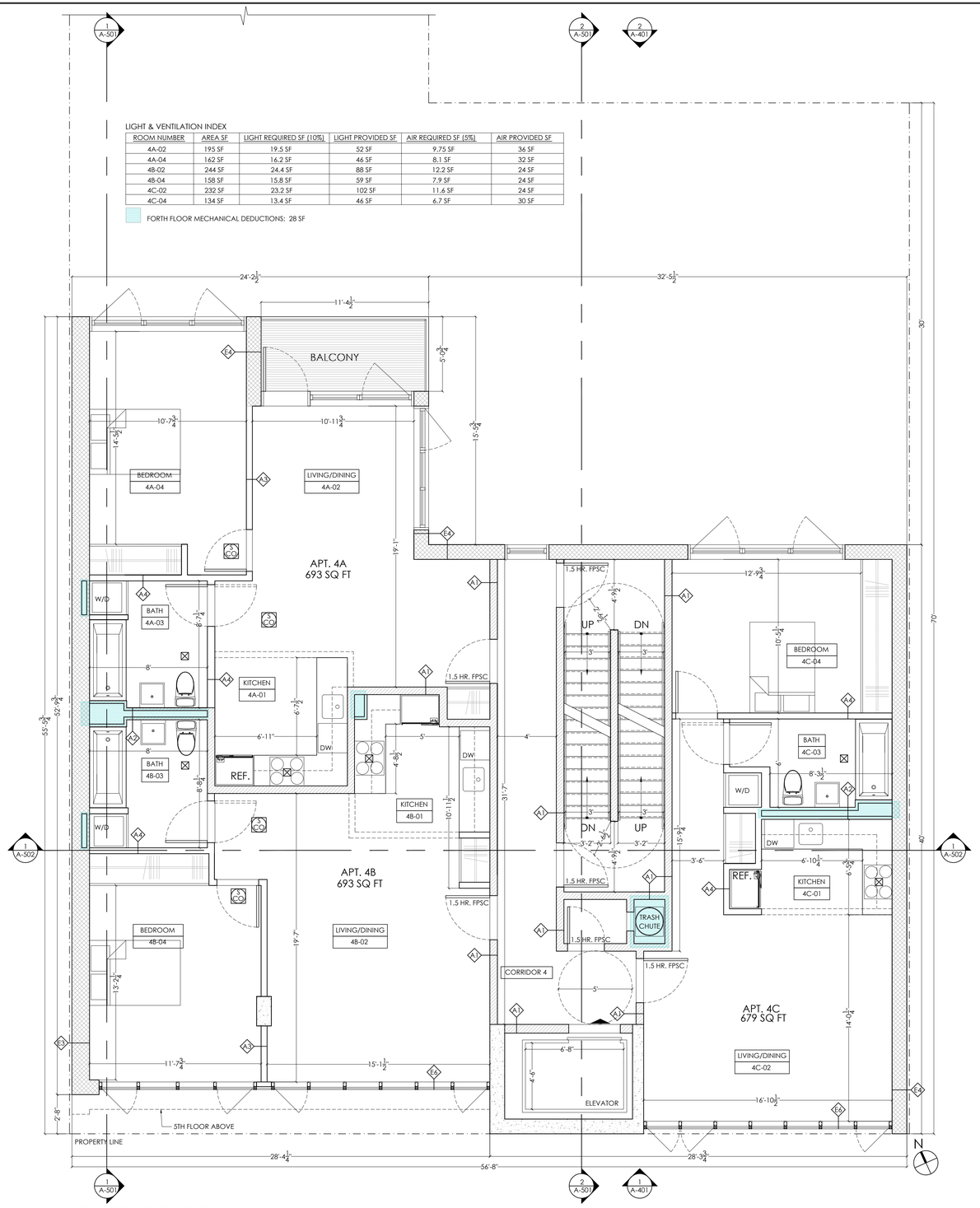
SCALE: AS NOTED

SHEET: A-102.00

LIGHT & VENTILATION INDEX

ROOM NUMBER	AREA SF	LIGHT REQUIRED SF (10%)	LIGHT PROVIDED SF	AIR REQUIRED SF (5%)	AIR PROVIDED SF
4A-02	195 SF	19.5 SF	52 SF	9.75 SF	36 SF
4A-04	162 SF	16.2 SF	46 SF	8.1 SF	32 SF
4B-02	244 SF	24.4 SF	88 SF	12.2 SF	24 SF
4B-04	158 SF	15.8 SF	59 SF	7.9 SF	24 SF
4C-02	232 SF	23.2 SF	102 SF	11.6 SF	24 SF
4C-04	134 SF	13.4 SF	46 SF	6.7 SF	30 SF

FORTH FLOOR MECHANICAL DEDUCTIONS: 28 SF



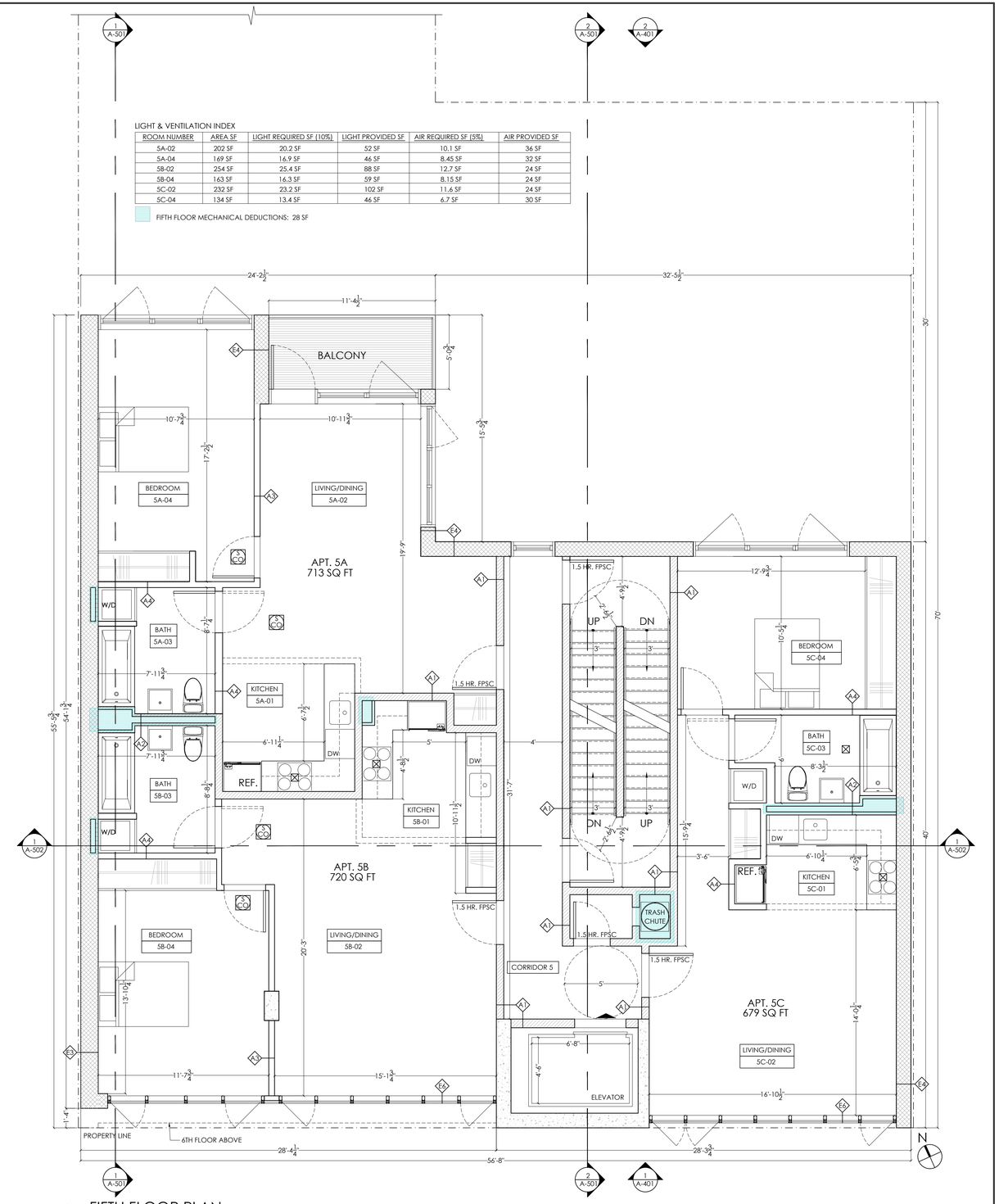
1 FOURTH FLOOR PLAN

SCALE: 1/4" = 1'-0"

LIGHT & VENTILATION INDEX

ROOM NUMBER	AREA SF	LIGHT REQUIRED SF (10%)	LIGHT PROVIDED SF	AIR REQUIRED SF (5%)	AIR PROVIDED SF
5A-02	202 SF	20.2 SF	52 SF	10.1 SF	36 SF
5A-04	169 SF	16.9 SF	46 SF	8.45 SF	32 SF
5B-02	254 SF	25.4 SF	88 SF	12.7 SF	24 SF
5B-04	163 SF	16.3 SF	59 SF	8.15 SF	24 SF
5C-02	232 SF	23.2 SF	102 SF	11.6 SF	24 SF
5C-04	134 SF	13.4 SF	46 SF	6.7 SF	30 SF

FIFTH FLOOR MECHANICAL DEDUCTIONS: 28 SF



2 FIFTH FLOOR PLAN

SCALE: 1/4" = 1'-0"

PROJECT:

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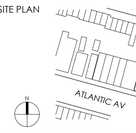
SITE PLAN



PROJECT No:	1405 BA_929
DRAWING	REV. # DATE

REGISTERED ARCHITECT PAUL GREGORY STATE OF NEW YORK 028717

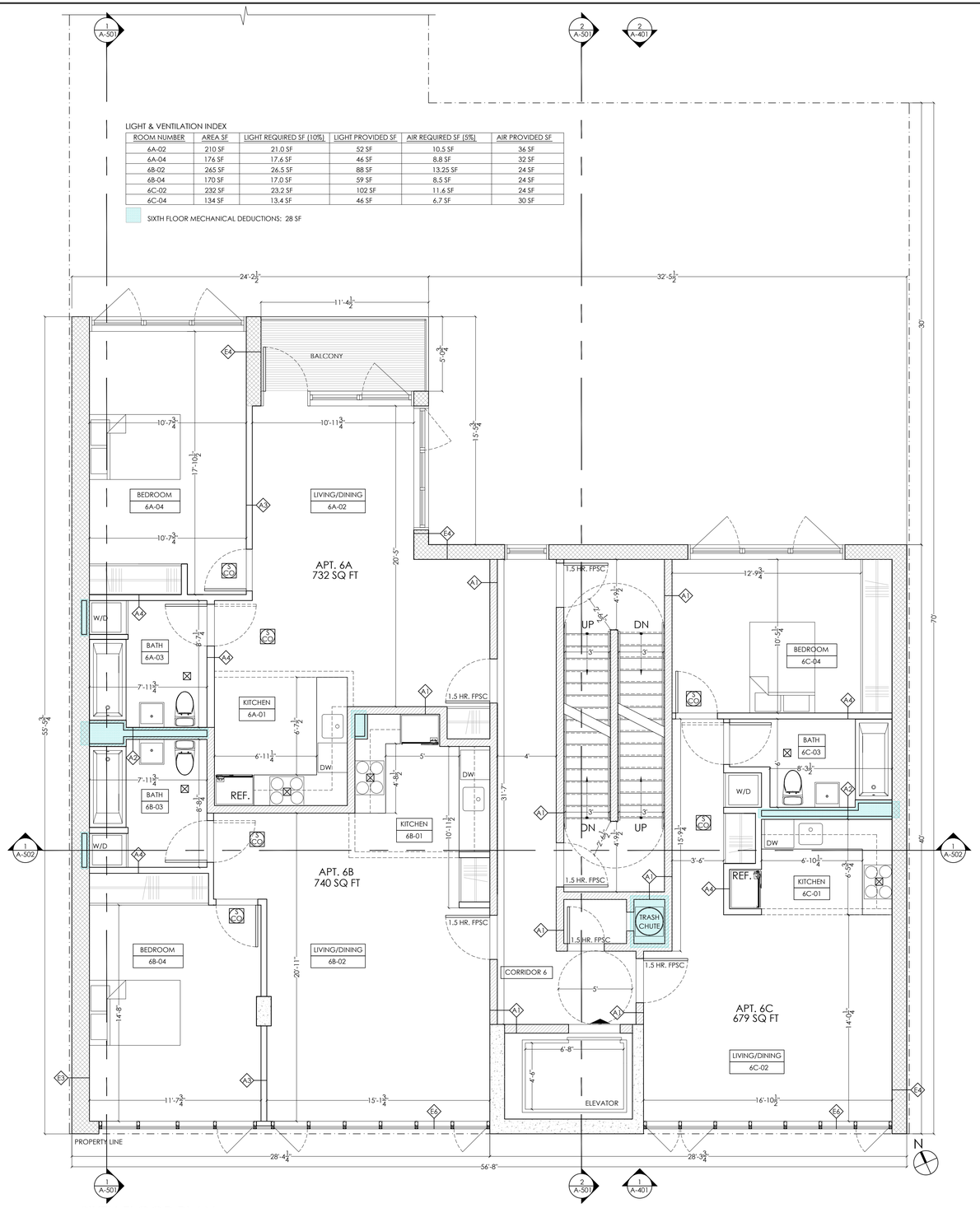
PAUL GREGORY, R.A.

DRAWING TITLE:	FLOOR PLANS
DATE:	09/29/2014
SCALE:	AS NOTED
SHEET:	A-103.00

LIGHT & VENTILATION INDEX

ROOM NUMBER	AREA SF	LIGHT REQUIRED SF (10%)	LIGHT PROVIDED SF	AIR REQUIRED SF (5%)	AIR PROVIDED SF
6A-02	210 SF	21.0 SF	52 SF	10.5 SF	36 SF
6A-04	176 SF	17.6 SF	46 SF	8.8 SF	32 SF
6B-02	265 SF	26.5 SF	88 SF	13.25 SF	24 SF
6B-04	170 SF	17.0 SF	59 SF	8.5 SF	24 SF
6C-02	232 SF	23.2 SF	102 SF	11.6 SF	24 SF
6C-04	134 SF	13.4 SF	46 SF	6.7 SF	30 SF

SIXTH FLOOR MECHANICAL DEDUCTIONS: 28 SF

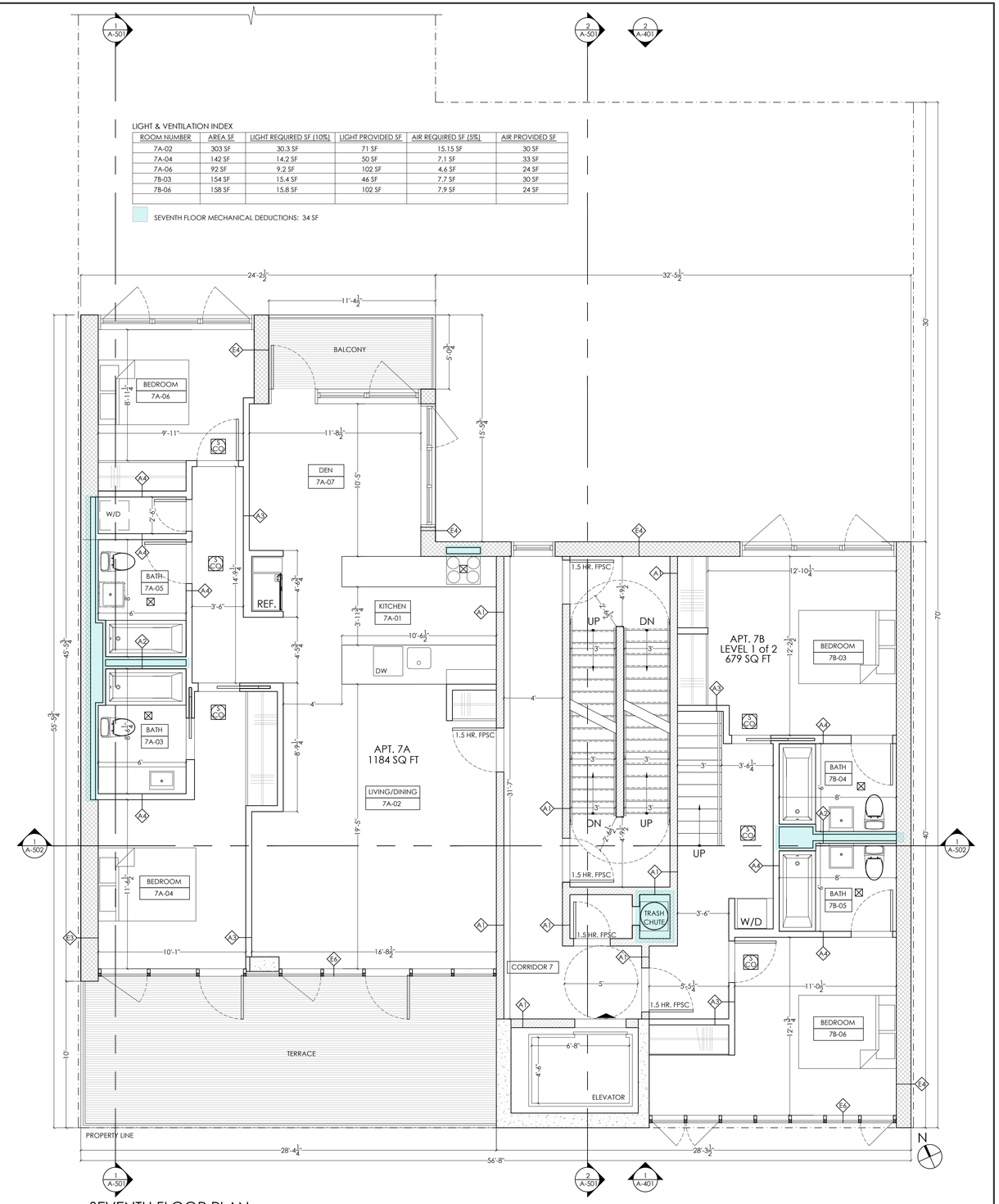


1 SIXTH FLOOR PLAN
SCALE: 1/4" = 1'-0"

LIGHT & VENTILATION INDEX

ROOM NUMBER	AREA SF	LIGHT REQUIRED SF (10%)	LIGHT PROVIDED SF	AIR REQUIRED SF (5%)	AIR PROVIDED SF
7A-02	303 SF	30.3 SF	71 SF	15.15 SF	30 SF
7A-04	142 SF	14.2 SF	50 SF	7.1 SF	33 SF
7A-06	92 SF	9.2 SF	102 SF	4.6 SF	24 SF
7B-03	154 SF	15.4 SF	46 SF	7.7 SF	30 SF
7B-06	158 SF	15.8 SF	102 SF	7.9 SF	24 SF

SEVENTH FLOOR MECHANICAL DEDUCTIONS: 34 SF



2 SEVENTH FLOOR PLAN
SCALE: 1/4" = 1'-0"

PROJECT:

929 ATLANTIC AVE
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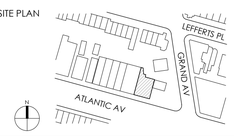
SITE PLAN



PROJECT No:	1405 BA_929
DRAWING	REV. # DATE

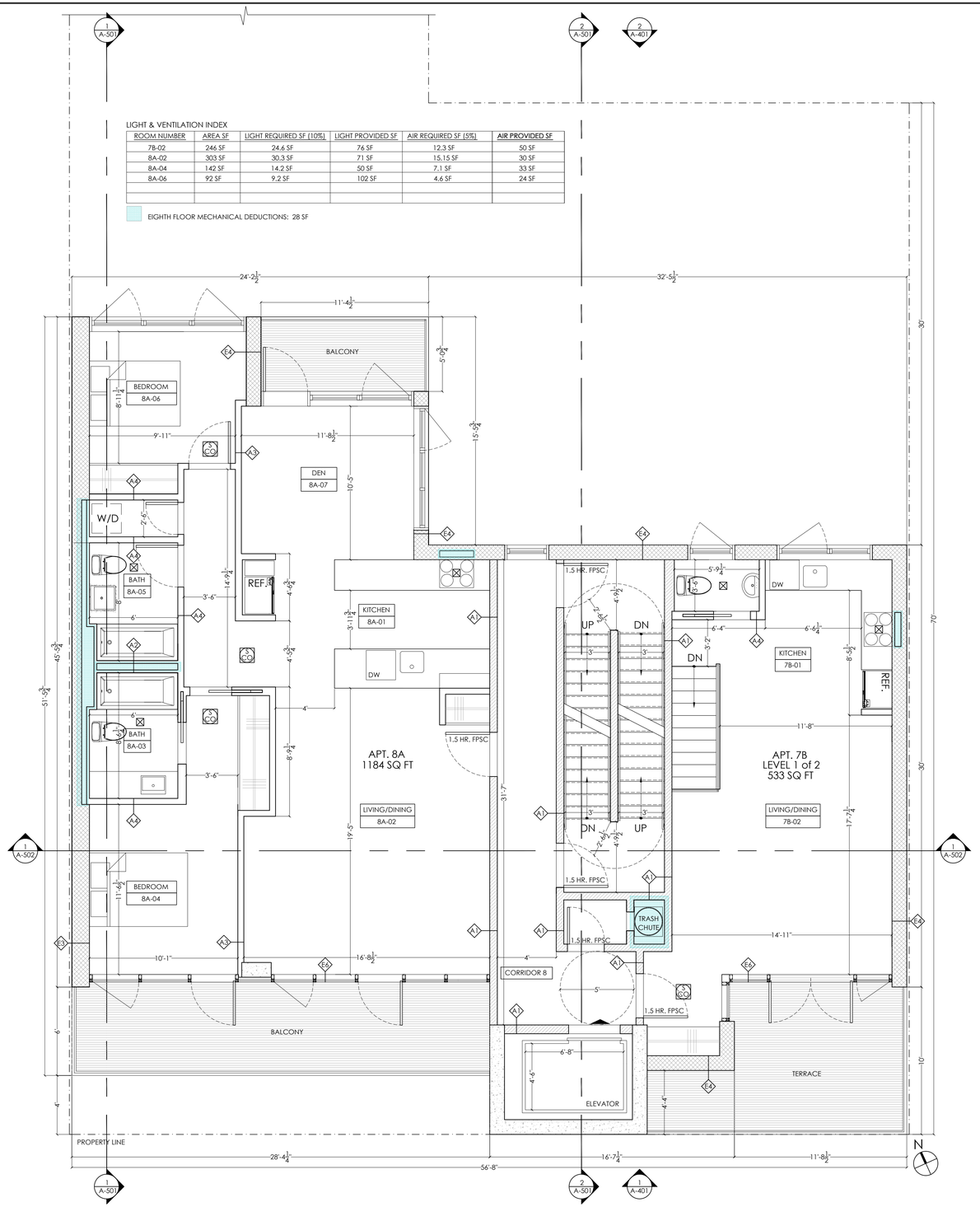
REGISTERED ARCHITECT PAUL GREGORY 028717 STATE OF NEW YORK
PAUL GREGORY, R.A.

DRAWING TITLE:	FLOOR PLANS
DATE:	09/29/2014
SCALE:	AS NOTED
SHEET:	A-104.00

LIGHT & VENTILATION INDEX

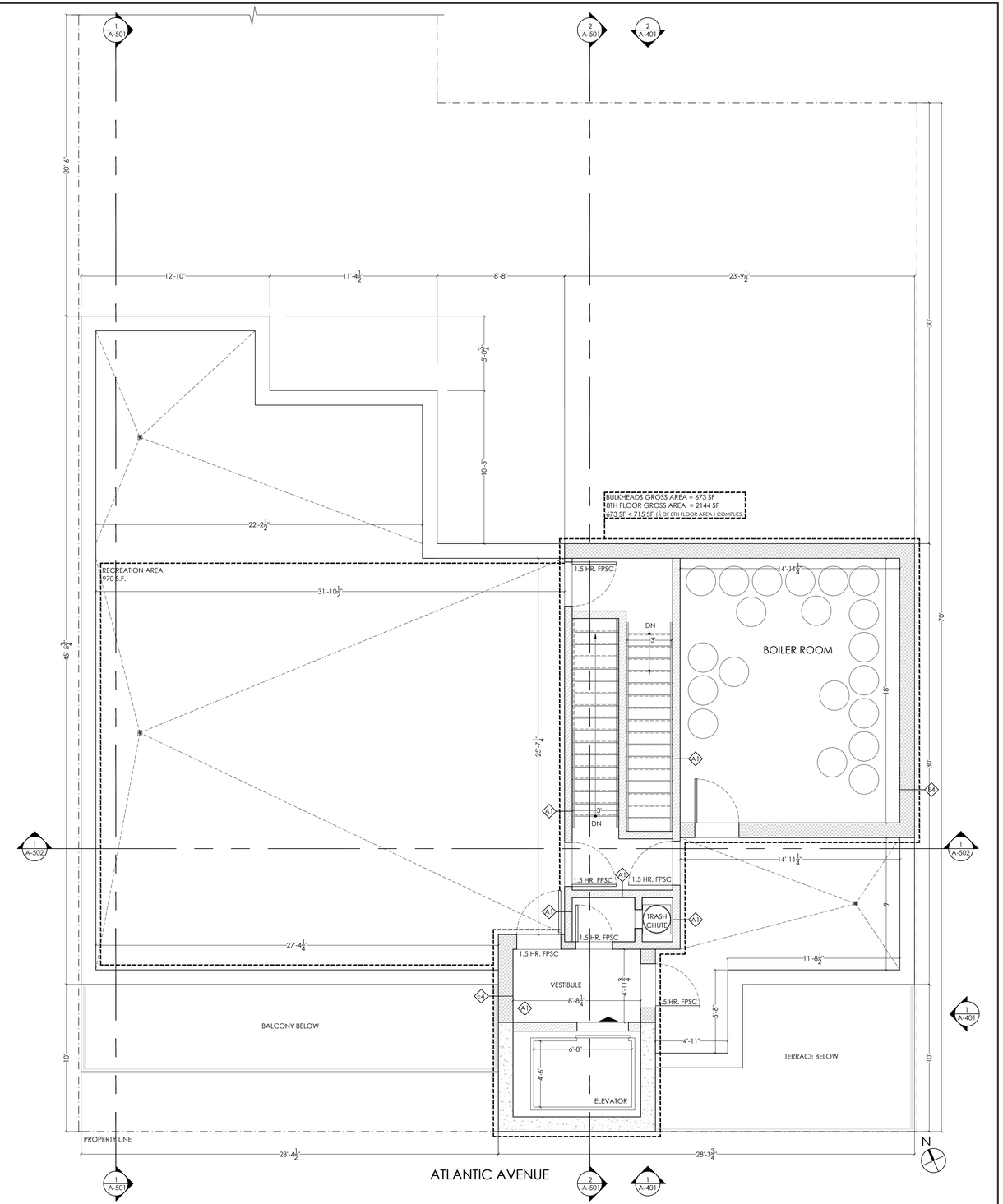
ROOM NUMBER	AREA SF	LIGHT REQUIRED SF (10%)	LIGHT PROVIDED SF	AIR REQUIRED SF (5%)	AIR PROVIDED SF
7B-02	246 SF	24.6 SF	76 SF	12.3 SF	50 SF
8A-02	303 SF	30.3 SF	71 SF	15.15 SF	30 SF
8A-04	142 SF	14.2 SF	50 SF	7.1 SF	33 SF
8A-06	92 SF	9.2 SF	102 SF	4.6 SF	24 SF

EIGHTH FLOOR MECHANICAL DEDUCTIONS: 28 SF



1 EIGHTH FLOOR PLAN

SCALE: 1/4" = 1'-0"



2 ROOF PLAN

SCALE: 1/4" = 1'-0"

PROJECT:

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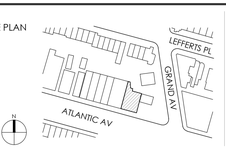

PROJECT No:	1405 BA_929
DRAWING	REV. # DATE

REGISTERED ARCHITECT PAUL GREGORY 026717 STATE OF NEW YORK

PAUL GREGORY, R.A.

DRAWING TITLE: FLOOR PLANS

DATE: 09/29/2014

SCALE: AS NOTED

SHEET: A-105.00

1 FRONT ELEVATION
SCALE: 3/16" = 1'-0"

2 REAR ELEVATION
SCALE: 3/16" = 1'-0"

PROJECT:

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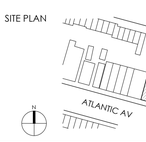

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DRAWING	REV. # DATE

REGISTERED ARCHITECT PAUL GREGORY 026717 STATE OF NEW YORK
PAUL GREGORY, R.A.

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DATE: 09/29/2014
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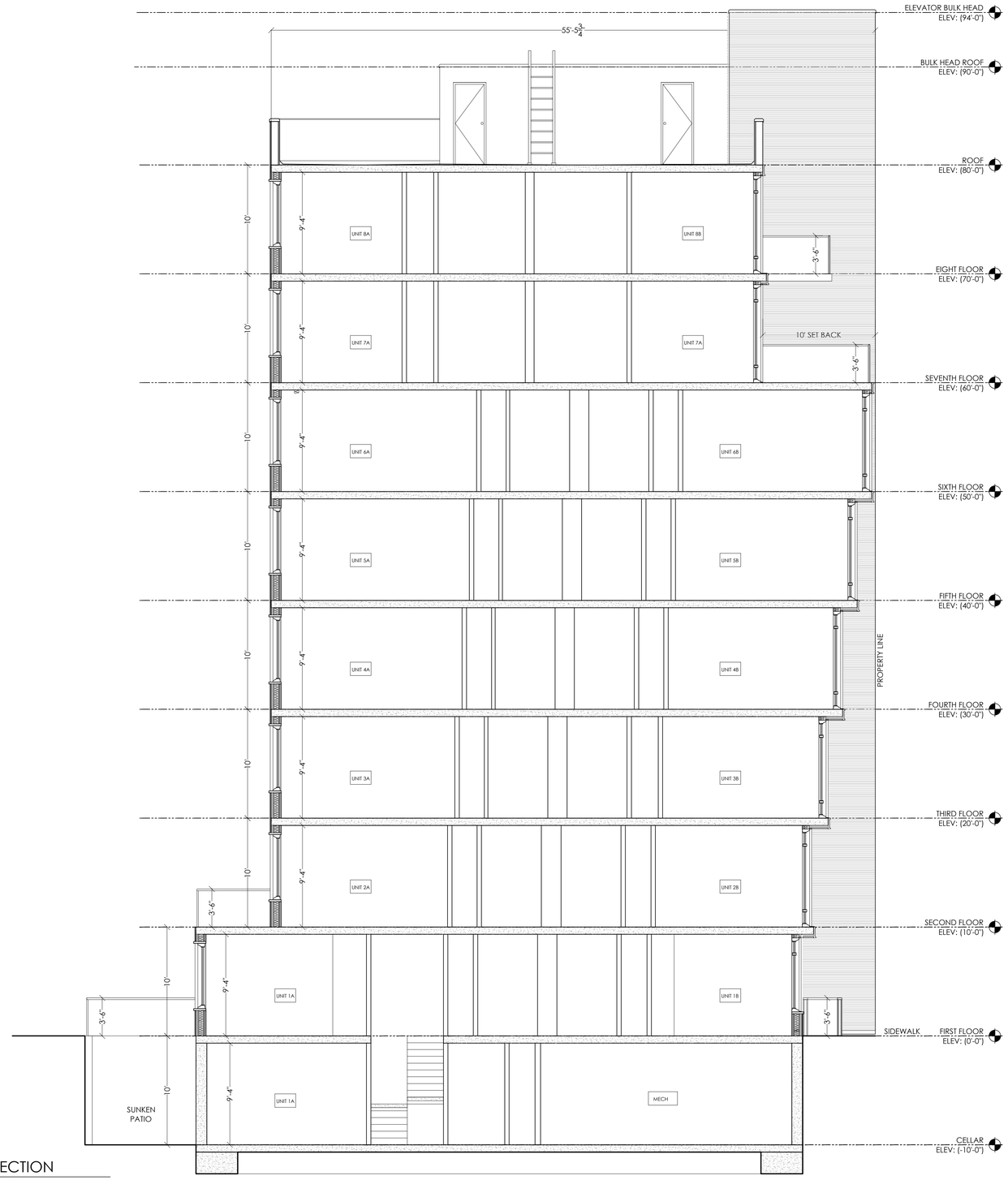
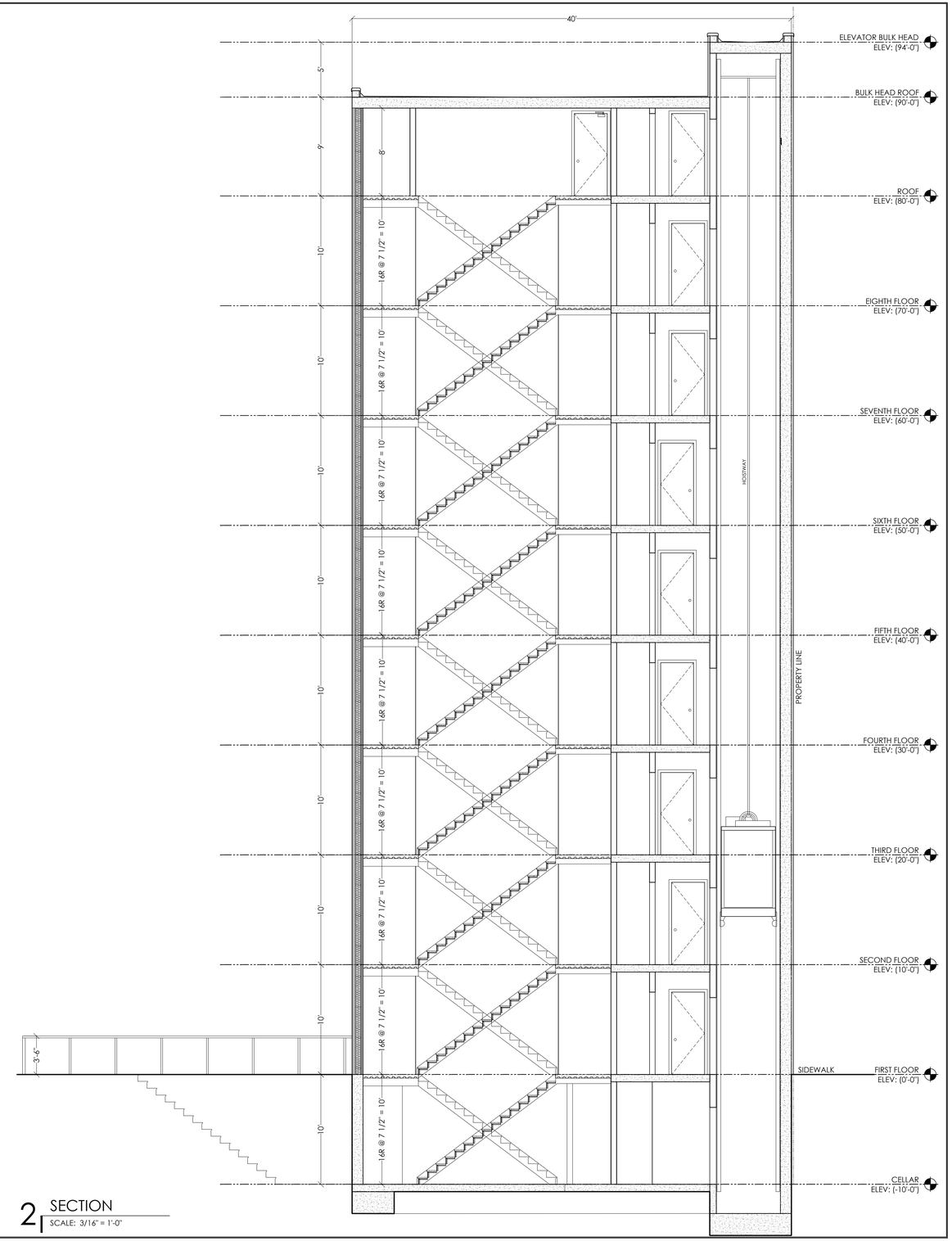


1 SECTION
SCALE: 3/16" = 1'-0"



2 SECTION
SCALE: 3/16" = 1'-0"

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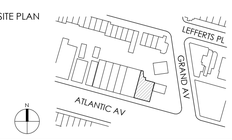
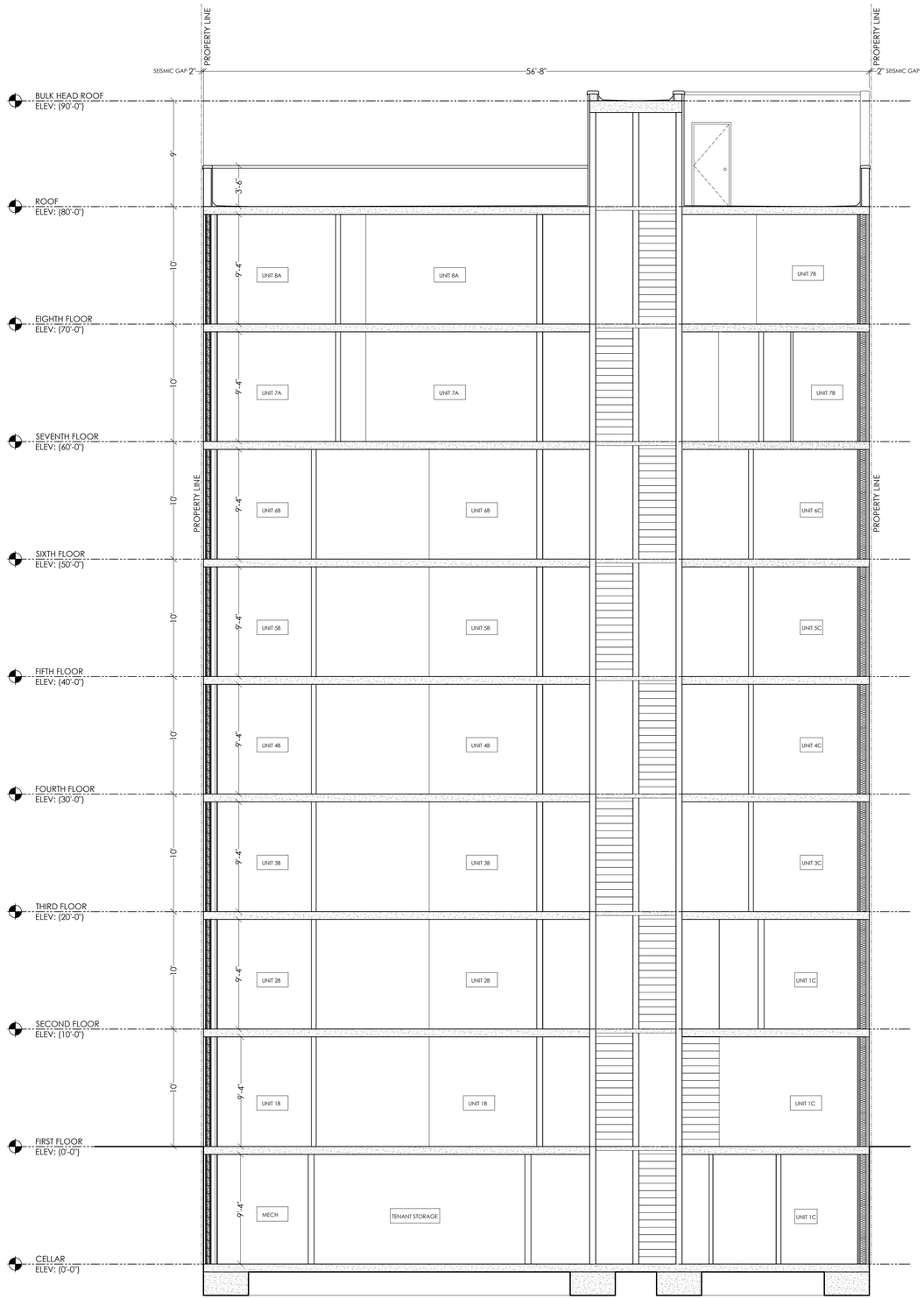
SITE PLAN



PROJECT No:	1405 BA_929
DRAWING	REV. # DATE

REGISTERED ARCHITECT PAUL GREGORY 026717 STATE OF NEW YORK
PAUL GREGORY, R.A.

DRAWING TITLE: BUILDING SECTION
DATE: 09/29/2014
SCALE: AS NOTED
SHEET: A-501.00



1 SECTION
SCALE: 3/16" = 1'-0"

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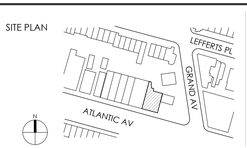

PROJECT No:	1405 BA_929	
DRAWING	REV. #	DATE

REGISTERED ARCHITECT PAUL GREGORY 026717 STATE OF NEW YORK
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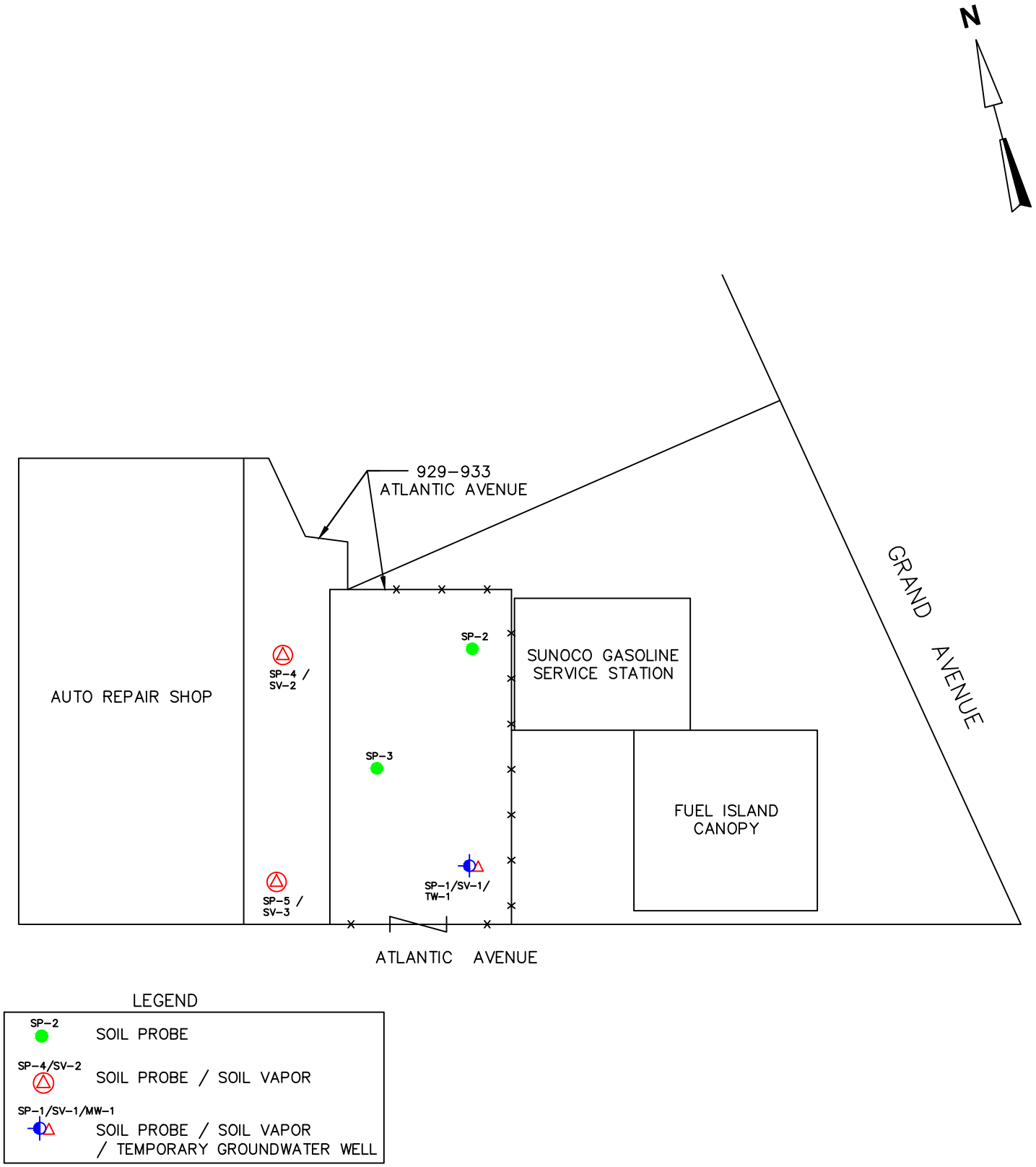
DRAWING TITLE: BUILDING SECTION
DATE: 09/29/2014
SCALE: AS NOTED
SHEET: A-502.00

ALPHA-HYDRO
ENVIRONMENTAL SERVICES
A PARADIGM OF EXCELLENCE

1503 Wave Avenue, Medford NY 11763

FIGURE 4
MAP OF AREA OF CONCERN

DATE: 10/24/14	929–933 ATLANTIC AVENUE BROOKLYN, NY 11238
GEOLOGIST: D.O.	
DRAWN BY: J.F.	FILE NO: AH–141336



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ENVIRONMENTAL SERVICES
A PARADIGM OF EXCELLENCE

1503 Wave Avenue, Medford NY 11763

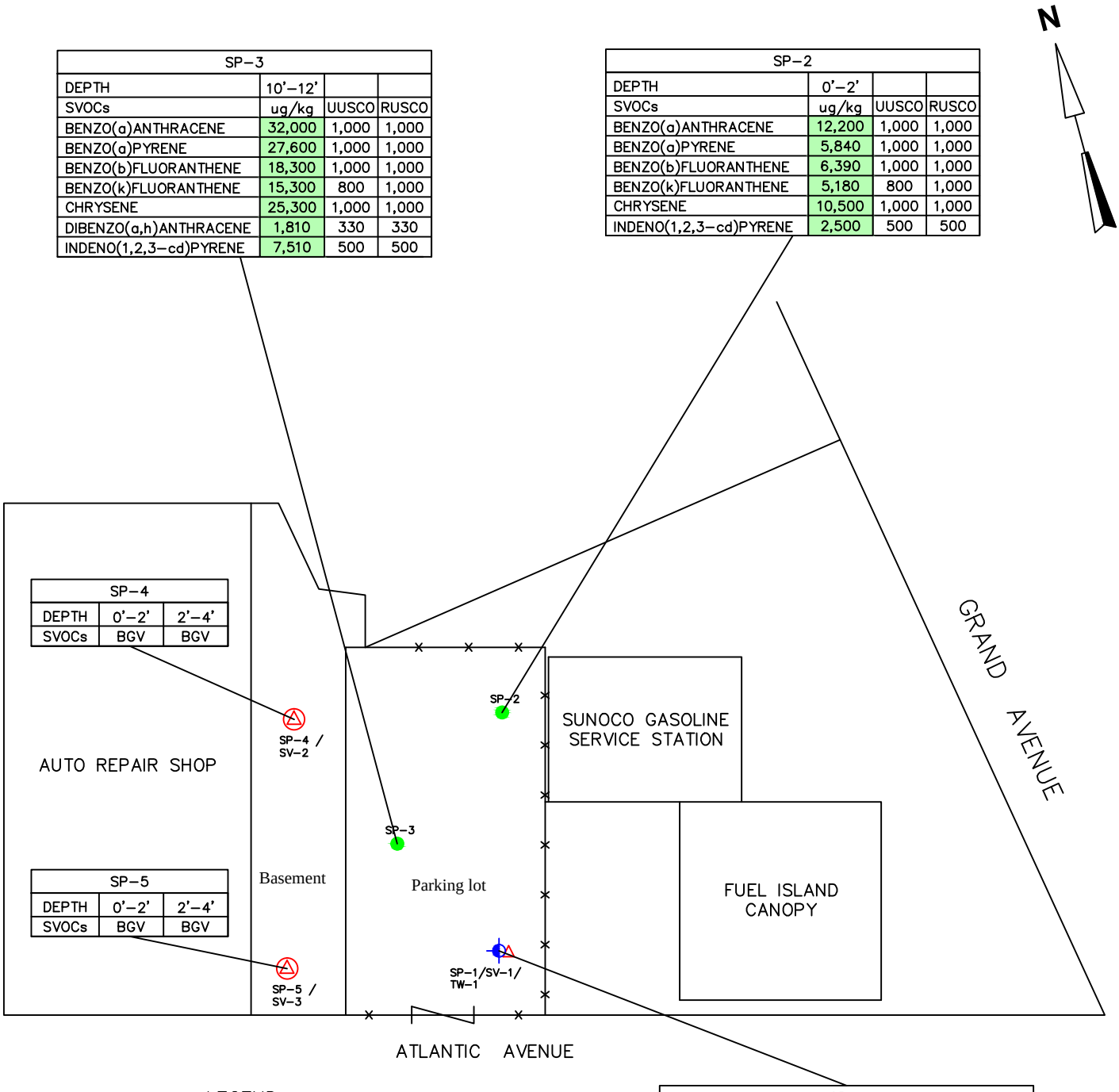
FIGURE 5

LOCATION OF SOIL PROBES, WELL & SOIL VAPOR POINTS

DATE: 10/24/14	929–933 ATLANTIC AVENUE BROOKLYN, NY 11238
GEOLOGIST: D.O.	
DRAWN BY: J.F.	FILE NO: AH–141336

SP-3			
DEPTH	10'-12'		
SVOCs	ug/kg	UUSCO	RUSCO
BENZO(a)ANTHRACENE	32,000	1,000	1,000
BENZO(a)PYRENE	27,600	1,000	1,000
BENZO(b)FLUORANTHENE	18,300	1,000	1,000
BENZO(k)FLUORANTHENE	15,300	800	1,000
CHRYSENE	25,300	1,000	1,000
DIBENZO(a,h)ANTHRACENE	1,810	330	330
INDENO(1,2,3-cd)PYRENE	7,510	500	500

SP-2			
DEPTH	0'-2'		
SVOCs	ug/kg	UUSCO	RUSCO
BENZO(a)ANTHRACENE	12,200	1,000	1,000
BENZO(a)PYRENE	5,840	1,000	1,000
BENZO(b)FLUORANTHENE	6,390	1,000	1,000
BENZO(k)FLUORANTHENE	5,180	800	1,000
CHRYSENE	10,500	1,000	1,000
INDENO(1,2,3-cd)PYRENE	2,500	500	500



SP-4		
DEPTH	0'-2'	2'-4'
SVOCs	BGV	BGV

SP-5		
DEPTH	0'-2'	2'-4'
SVOCs	BGV	BGV

SP-1			
DEPTH	10'-12'		
SVOCs	ug/kg	UUSCO	RUSCO
BENZO(a)ANTHRACENE	4,760	1,000	1,000
BENZO(a)PYRENE	2,270	1,000	1,000
BENZO(b)FLUORANTHENE	2,710	1,000	1,000
BENZO(k)FLUORANTHENE	2,330	800	1,000
CHRYSENE	4,290	1,000	1,000
INDENO(1,2,3-cd)PYRENE	1,290	500	500

LEGEND

SVOCs – SEMI VOLATILE ORGANIC COMPOUNDS
– SOIL PROBE / SOIL VAPOR POINT
– SOIL PROBE / SOIL VAPOR POINT / TW POINT
UUSCO – UNRESTRICTED USE SOIL CLEANUP OBJECTIVE
RUSCO – RESTRICTED USE SOIL CLEANUP OBJECTIVE
BGV – BELOW GUIDANCE VALUE
VALUES SHADED EXCEED THE RECOMMENDED CLEANUP OBJECTIVE

ALPHA-HYDRO
ENVIRONMENTAL SERVICES
A PARADIGM OF EXCELLENCE

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FIGURE 6

MAP OF SOIL CHEMISTRY RESULT (SVOCs)

DATE: 10/24/14
GEOLOGIST: D.O.
DRAWN BY: J.F.

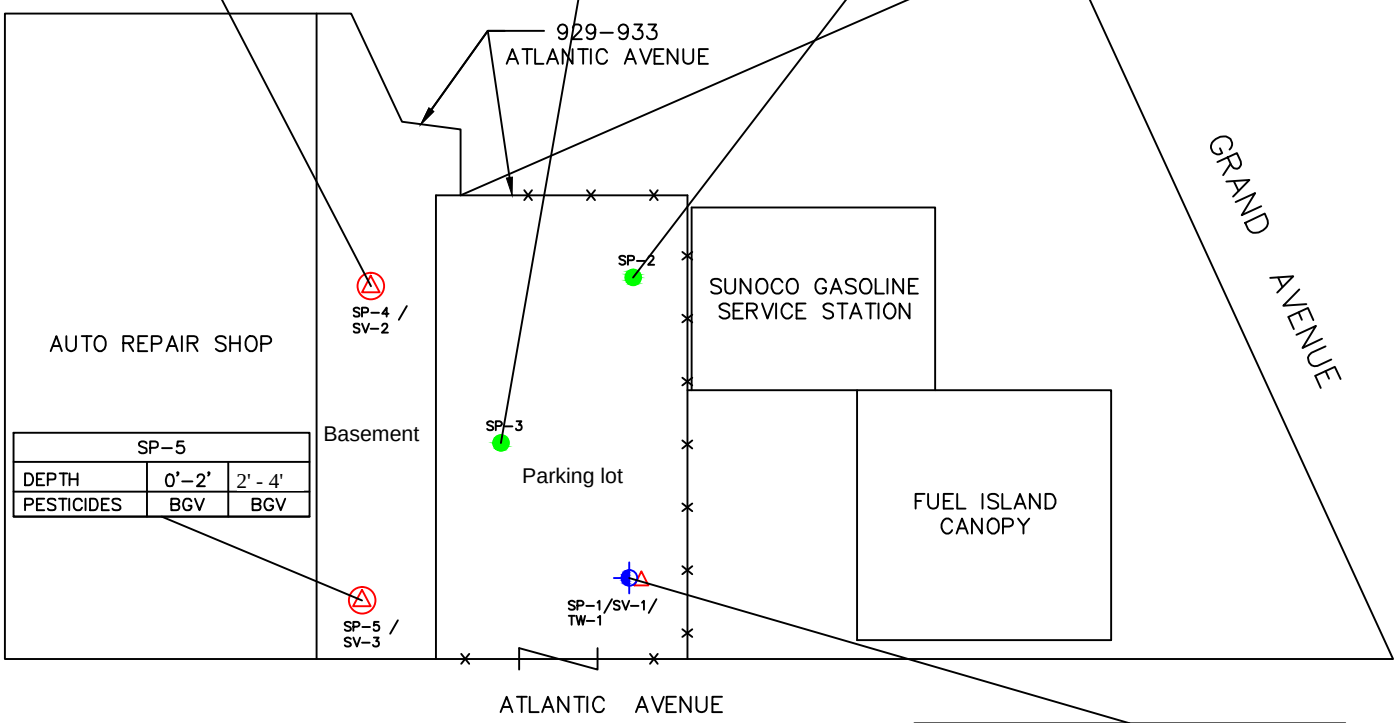
929-933 ATLANTIC AVENUE
BROOKLYN, NY 11238

FILE NO: AH-141336

SP–3				
DEPTH	0'–2'	10'–12'		
PESTICIDES	ug/kg	ug/kg	UUSCO	RUSCO
DIELDRIN	ND	7.00		
4,4'–DDT	9.76	158	3.3	1,700
4,4'–DDE	21.1	14.7	3.3	1,800
4,4'–DDD	ND	5.42	3.3	2,600

SP–2			
DEPTH	0'–2'		
PESTICIDES	ug/kg	UUSCO	RUSCO
4,4'–DDT	5.5	3.3	1,700

SP–4			
DEPTH	0'–2'		
PESTICIDES	ug/kg	UUSCO	RUSCO
4,4'–DDT	13.9	3.3	1,700
4,4'–DDD	7.34	3.3	2,600



SP–5		
DEPTH	0'–2'	2' - 4'
PESTICIDES	BGV	BGV

SP–1				
DEPTH	0'–2'	10'–12'		
PESTICIDES	ug/kg	ug/kg	UUSCO	RUSCO
4,4'–DDT	2.05	11.5	3.3	1,700
4,4'–DDE	7.60	ND	3.3	1,800

LEGEND

SVOCs – SEMI VOLATILE ORGANIC COMPOUNDS
– SOIL PROBE / SOIL VAPOR POINT
– SOIL PROBE / SOIL VAPOR POINT / TW POINT
UUSCO – UNRESTRICTED USE SOIL CLEANUP OBJECTIVE
RUSCO – RESTRICTED USE SOIL CLEANUP OBJECTIVE
BGV – BELOW GUIDANCE VALUE
VALUES SHADED EXCEED THE RECOMMENDED CLEANUP OBJECTIVE

ALPHA-HYDRO
ENVIRONMENTAL SERVICES
A PARADIGM OF EXCELLENCE

1503 Wave Avenue, Medford NY 11763

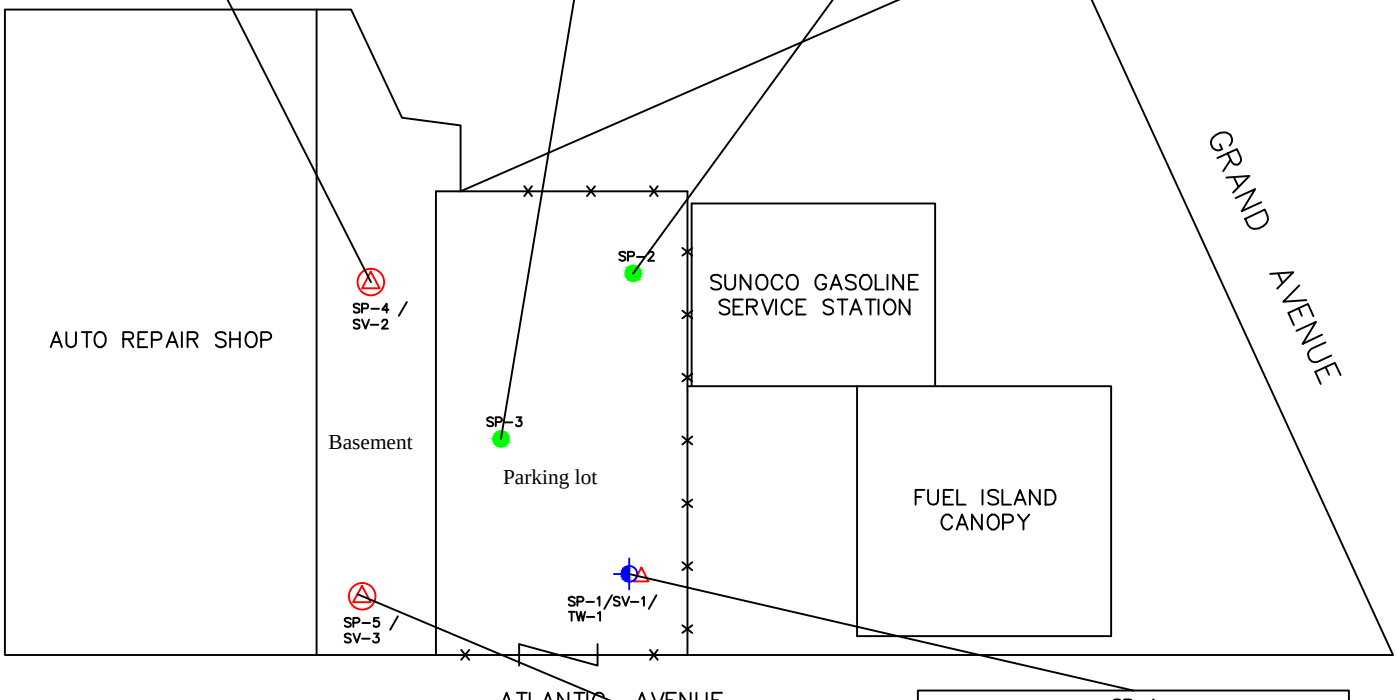
FIGURE 7
MAP OF SOIL CHEMISTRY RESULT (PESTICIDES)

DATE: 10/24/14	929–933 ATLANTIC AVENUE BROOKLYN, NY 11238
GEOLOGIST: D.O.	
DRAWN BY: J.F.	FILE NO: AH–141336

SP–3				
DEPTH	0'–2'	10' - 12'		
METALS	mg/kg	mg/kg	UUSCO	RUSCO
BARIUM	34.1	690	350	350
COPPER	8.28	60.9	50	270
LEAD	19.7	707	63	400
ZINC	25.0	306	109	2,200
MERCURY	0.105	0.471	0.18	0.81

SP–2				
DEPTH	0'–2'	10' - 12'		
METALS	mg/kg	mg/kg	UUSCO	RUSCO
COPPER	24.2	93.2	50	270
LEAD	103	24.3	63	400
ZINC	74.1	144	109	2,200

SP–4				
DEPTH	0'–2'	2'–4'		
METALS	mg/kg	mg/kg	UUSCO	RUSCO
LEAD	242	82.3	63	400
SELENIUM	4.06	3.96	3.9	36
ZINC	148	65.1	109	2,200
MERCURY	0.593	0.523	0.18	0.81



SP–1				
DEPTH	0'–2'	10' - 12'		
METALS	mg/kg	mg/kg	UUSCO	RUSCO
LEAD	108	105	63	400

SP–5				
DEPTH	0'–2'	2'–4'		
METALS	mg/kg	mg/kg	UUSCO	RUSCO
LEAD	136	106	63	400
SELENIUM	2.74	4.69	3.9	36
MERCURY	2.93	0.751	0.18	0.81

LEGEND

SVOCs – SEMI VOLATILE ORGANIC COMPOUNDS
– SOIL PROBE / SOIL VAPOR POINT
– SOIL PROBE / SOIL VAPOR POINT / TW POINT
UUSCO – UNRESTRICTED USE SOIL CLEANUP OBJECTIVE
RUSCO – RESTRICTED USE SOIL CLEANUP OBJECTIVE
BGV – BELOW GUIDANCE VALUE
VALUES SHADED EXCEED THE RECOMMENDED CLEANUP OBJECTIVE

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ENVIRONMENTAL SERVICES
A PARADIGM OF EXCELLENCE

1503 Wave Avenue, Medford NY 11763

FIGURE 8

MAP OF SOIL CHEMISTRY RESULT (METALS)

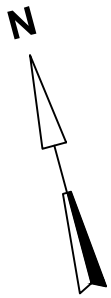
DATE: 10/24/14
GEOLOGIST: D.O.
DRAWN BY: J.F.

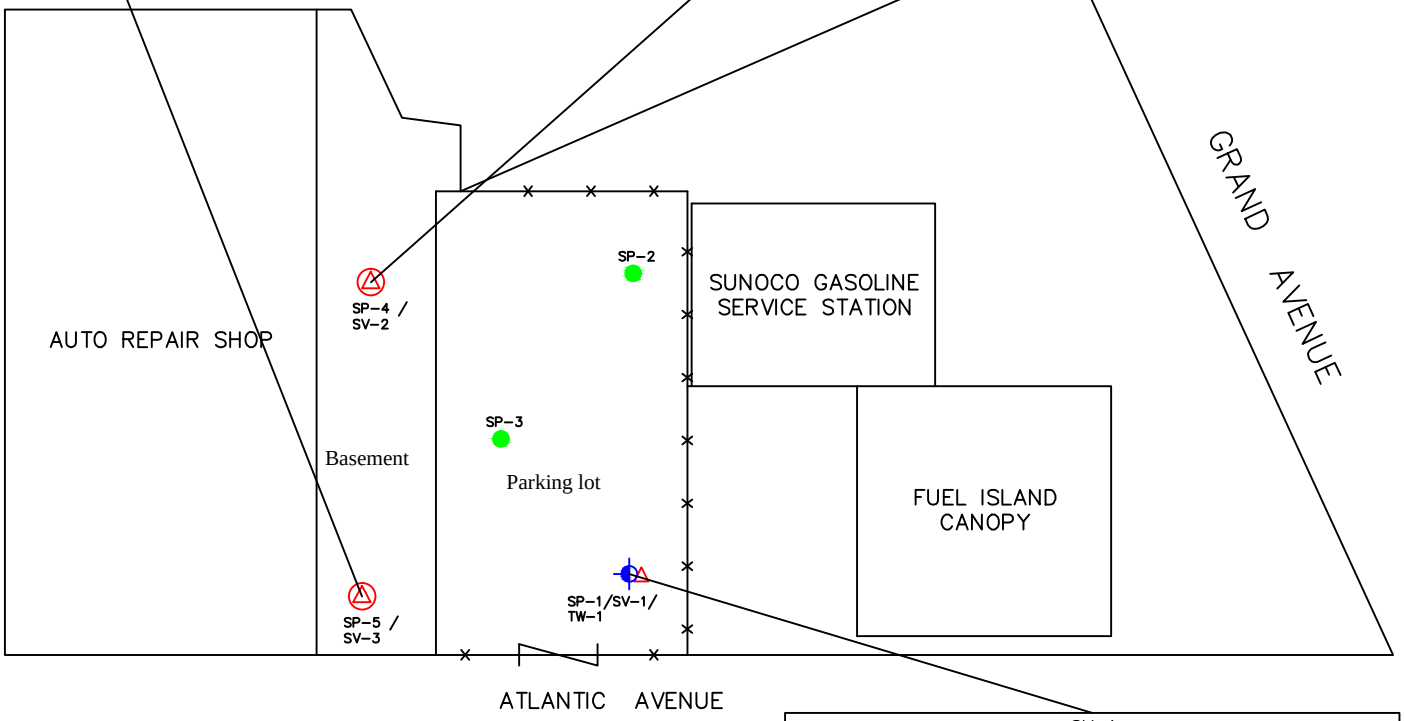
929–933 ATLANTIC AVENUE
BROOKLYN, NY 11238

FILE NO: AH–141336

SV–3		
VOCs	ug/m³	NYS DOH OUTDOOR STD.
TOLUENE	4.7	0.6 – 2.4
TETRACHLOROETHYLENE	110	<0.25 – 0.3
O–XYLENE	10	<0.25 – 0.7
METHYLENE CHLORIDE	16	<0.25 – 0.7
ETHYLBENZENE	3.6	<0.25 – 0.5
CYCLOHEXANE	1.4	<0.25 – 0.4
CHLOROFORM	11	<0.25
ACETONE	17	3.4 – 14
1,3,5 TRIMETHYLBENZENE	6.6	<0.25 – 0.3
1,2,4 TRIMETHYLBENZENE	22	<0.25 – 0.8
1,1,1 TRICHLOROETHANE	1.8	<0.25 – 0.3
DICHLORODIFLUOROMETHANE	430	<0.25 – 4.2

SV–2		
VOCs	ug/m³	NYS DOH OUTDOOR STD.
TOLUENE	4.6	0.6 – 2.4
TETRACHLOROETHYLENE	110	<0.25 – 0.3
O–XYLENE	8.9	<0.25 – 0.7
n–HEXANE	1.2	<0.25 – 1
METHYLENE CHLORIDE	13	<0.25 – 0.7
ETHYLBENZENE	3.0	<0.25 – 0.5
CYCLOHEXANE	0.98	<0.25 – 0.4
CHLOROFORM	5.5	<0.25
ACETONE	24	3.4 – 14
1,3,5 TRIMETHYLBENZENE	5.6	<0.25 – 0.3
1,2,4 TRIMETHYLBENZENE	17	<0.25 – 0.8
1,1,1 TRICHLOROETHANE	1.4	<0.25 – 0.3
DICHLORODIFLUOROMETHANE	140	<0.25 – 4.2





SV–1		
VOCs	ug/m³	NYS DOH OUTDOOR STD.
TOLUENE	17	0.6 – 2.4
TETRACHLOROETHYLENE	350	<0.25 – 0.3
O–XYLENE	20	<0.25 – 0.7
METHYLENE CHLORIDE	50	<0.25 – 0.7
BENZENE	7.4	0.6 – 2.2
ACETONE	17	3.4 – 14
2–BUTANONE	56	0.8 – 2.6
1,3,5 TRIMETHYLBENZENE	11	<0.25 – 0.3
1,2,4 TRIMETHYLBENZENE	34	<0.25 – 0.8

LEGEND

SVOCs – SEMI VOLATILE ORGANIC COMPOUNDS
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– SOIL PROBE / SOIL VAPOR POINT / TW POINT
UUSCO – UNRESTRICTED USE SOIL CLEANUP OBJECTIVE
RUSCO – RESTRICTED USE SOIL CLEANUP OBJECTIVE
BGV – BELOW GUIDANCE VALUE
VALUES SHADED EXCEED THE RECOMMENDED CLEANUP OBJECTIVE

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ENVIRONMENTAL SERVICES
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1503 Wave Avenue, Medford NY 11763

FIGURE 9
MAP OF SOIL VAPOR CHEMISTRY RESULTS

DATE: 10/24/14
GEOLOGIST: D.O.
DRAWN BY: J.F.

929–933 ATLANTIC AVENUE
BROOKLYN, NY 11238

FILE NO: AH–141336

TABLES

TABLE 1
Construction Details for Soil Borings and Temporary Well
929 Atlantic Avenue, Brooklyn NY

	Identification Number	Date of construction	Total Depth (ft)	Diameter (in)	Ground surface elevation (ft)	Screened interval (ft)	Construction Material	Depth to Water (ft)	GPS Coordinates
Soil Probes	SP-1	7/23/14	12	2	81	-	Geoprobe	-	40°40’50.72”N 73°57’42.41”W
	SP-2	7/23/14	12	2	80	-	Geoprobe	-	40°40’51.10”N 73°57’42.29”W
	SP-3	7/23/14	12	2	81	-	Geoprobe	-	40°40’50.87”N 73°57’42.57”W
	SP-4	7/23/14	4	2	73	-	Geoprobe	-	40°42’57.04”N 73°57’50.18”W
	SP-5	7/23/14	4	2	73	-	Geoprobe	-	40°40’51.25”N 73°57’41.25”W
Temporary Well	TW-1	7/23/14	75	2	81	4	Geoprobe	70	40°40’50.72”N 73°57’42.41”W

Table 2
Soil Analytical Results for Volatile Organic Compounds (µg/kg)
929 Atlantic Ave, Brooklyn NY

Sample Identification	SP-1			SP-2		SP-3		SP-4		SP-5		Unrestricted Use Soil Cleanup Objectives (6 NYCRR Part 375-6.8)	Restricted Use Soil Cleanup Objectives (6 NYCRR Part 375-6.8b) Residential
Sample Depth	0' - 2'	10' - 12'	DUP 10' - 12'	0'- 2'	10' - 12'	0'- 2'	10' - 12'	0'- 2'	2' - 4'	0' - 2'	2' - 4'		
Sample Date	7/23/14	7/23/14	7/23/14	7/23/14	7/23/14	7/23/14	7/23/14	7/23/14	7/23/14	7/23/14	7/23/14		
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil		
Units	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg		
Acetone	ND	11	1.5	ND	6.5	ND	4.2 J, B	6.0 J, B	2.5 J, B	6.5 J, B	3.4 J, B	50	100,000
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	60	2,900
Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
2-Butanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Carbon Disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	760	1,400
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,100	100,000
Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	370	10,000
Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Cyclohexane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
1,2-Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,100	100,000
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,400	17,000
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Dichlorodifluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	330	19,000
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	200	2,300
1,1-Dichloroethylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	270	100,000
trans-1,2-Dichloroethylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	190	100,000
cis-1,2-Dichloroethylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	250	59,000
1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
trans-1,3-Dichloropropylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
cis-1,3-Dichloropropylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
1,4-Dioxane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Ethyl Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,000	30,000
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Isopropylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Methyl acetate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Methyl tert-butyl ether (MTBE)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	930	62,000
Methylcyclohexane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Methylene chloride	3.4 J	5.6 J	ND	ND	3.6 J	3.7 J	ND	ND	4.4 J	ND	1.6 J	50	51,000
4-Methyl-2-pentanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Tetrachloroethylene	ND	9.5	1.9 J	ND	ND	ND	ND	ND	ND	ND	ND	1,300	5,500
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	2.1 J	ND	ND	700	100,000
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	680	100,000
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Trichloroethylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	470	10,000
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
1,1,2-Trichloro-1,2,2-trifluoethane (Freon 113)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20	210
o-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
p- & m- Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Xylenes Total	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	260	500,000
Total VOCs	**3.4**	**15.1**	**1.9**	**ND**	**3.6**	**3.7**	**4.2**	**6.0**	**9.0**	**6.5**	**5.0**		

ND - Analyte not detected at the stated Reporting Limit (RL)

All units in micrograms per kilogram (µg/kg)

J - Detected below the Reporting Limit but greater > or = to the Method Detection Limit (MDL); therefore, result is an estimated concentration

Data users should consider anything <10x the blank value as artifact.

ND - Analyte not detected at the stated Reporting Limit (RL)

CCV-E - The value reported is ESTIMATED. The value is estimated due to its behaviour during continuing calibration verification

(20% difference for average RF or >20$ Drift for quadratic fit)

Table 3
Soil Analytical Results for Semivolatile Organic Compounds (µg/kg)
929 Atlantic Avenue, Brooklyn NY

Sample Identification	SP-1			SP-2		SP-3		SP-4		SP-5		Unrestricted Use Soil Cleanup Objectives (6 NYCRR Part 375-6.8)	Restricted Use Soil Cleanup Objectives (6 NYCRR Part 375-6.8b) Residential
Sample Depth	0' - 2'	10' - 12'	DUP 10' - 12'	0'- 2'	10' - 12'	0'- 2'	10' - 12'	0'- 2'	2' - 4'	0' - 2'	2' - 4'		
Sample Date	7/23/14	7/23/14	7/23/14	7/23/14	7/23/14	7/23/14	7/23/14	7/23/14	7/23/14	7/23/14	7/23/14		
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil		
Units	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg		
Acenaphthene	ND	ND	ND	2,520 J	ND	ND	6,300	ND	ND	318	100 J	20,000	100,000
Acenaphthylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100,000	100,000
Acetophenone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Anthracene	ND	1,680 J	107 J	5,800	ND	ND	13,600	ND	ND	556	172 J	100,000	100,000
Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Benzaldehyde	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Benzo(a)anthracene	ND	**4,760**	235 J	**12,200**	ND	ND	**32,000**	ND	ND	632	201 J	1,000	1,000
Benzo(a)pyrene	ND	**2,270 J**	182 J	**5,840**	ND	ND	**27,600**	ND	ND	385	148 J	1,000	1,000
Benzo(b)fluoranthene	ND	**2,710 J**	120 J	**6,390**	ND	ND	**18,300**	ND	ND	288	147 J	1,000	1,000
Benzo(g,h,i)perylene	ND	ND	ND	ND	ND	ND	6,750	ND	ND	ND	ND	100,000	100,000
Benzo(k)fluoranthene	ND	**2,330 J**	179 J	**5,180 J**	ND	ND	**15,300**	ND	ND	422	127 J	800	1,000
Benzyl butyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
1,1'-Biphenyl	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
4-bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Caprolactam	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Carbazole	ND	ND	ND	1,460 J	ND	ND	4,940 J	ND	ND	277	78.7 J		
4-Chloro-3-methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Bis(2-chloroethoxy)methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Bis(2-chloroethyl)ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Bis(2-chloroisopropyl)ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
2-Chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Chrysene	ND	4,290	242 J	**10,500**	ND	ND	**25,300**	ND	ND	648	194 J	1,000	1,000
Dibenzo(a,h)anthracene	ND	ND	ND	ND	ND	ND	**1,810 J**	ND	ND	81.6 J	ND	330	330
Dibenzofuran	ND	ND	ND	1,500 J	ND	ND	3,070 J	ND	ND	237 J	ND		
Di-n-butyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Diethyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Dimethyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
4,6-Dinitro-2-methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
2,4-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Di-n-octyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Bis(2-ethylhexyl)phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Fluoranthene	ND	8,730	532	24,500	ND	ND	53,200	99.1 J	77.1 J	1,520	510	100,000	100,000
Fluorene	ND	ND	ND	2,180 J	ND	ND	4,760 J	ND	ND	276	82.6 J	30,000	100,000
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Indeno(1,2,3-cd)pyrene	ND	**1,290 J**	71.1 J	**2,500 J**	ND	ND	**7,520**	ND	ND	131 J	ND	500	500
Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
2-Methylnaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	135 J	ND		
2-Methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
3- &4-Methylphenols	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Naphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	271	82.1 J	12,000	100,000
4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
2- Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		

Table 3 (contd)
Soil Analytical Results for Semivolatile Organic Compounds (µg/kg)
929 Atlantic Avenue, Brooklyn NY

Sample Identification	SP-1			SP-2		SP-3		SP-4		SP-5		Unrestricted Use Soil Cleanup Objectives (6 NYCRR Part 375-6.8)	Restricted Use Soil Cleanup Objectives (6 NYCRR Part 375-6.8b) Residential
Sample Depth	0' - 2'	10' - 12'	DUP 10' - 12'	0'- 2'	10' - 12'	0'- 2'	10' - 12'	0'- 2'	2' - 4'	0' - 2'	2' - 4'		
Sample Date	7/23/14	7/23/14	7/23/14	7/23/14	7/23/14	7/23/14	7/23/14	7/23/14	7/23/14	7/23/14	7/23/14		
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil		
Units	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg		
3- Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Nitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
2- Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
N-nitroso-di-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
N-Nitrosodiphenylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	800	2,400
Phenanthrene	ND	6,410	434	21,000	ND	ND	41,400	95.3 J	ND	1,920	667	100,000	100,000
Phenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	330	100,000
Pyrene	353 J	7,290	495	21,600	70.4 J	ND	42,800	88.7 J	ND	1,240	407	100,000	100,000
1,2,4,5-Tetrachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Total SVOCs	353	42,260	2,597.10	123,170	70.4	ND	304,650	283.1	77.1	9,061.6	2,916.4		

NOTES

All units in micrograms per kilogram (µg/kg)

J - Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.

ND - Analyte not detected at the stated Reporting Limit (RL)

Values shaded represent concentration in exceedance of their respective recommended soil cleanup objective

Table 4
Soil Analytical Results for Pesticides / Polychlorinated Biphenyls (µg/kg)
929 Atlantic Avenue, Brooklyn NY

Sample Identification	SP-1			SP-2		SP-3		SP-4		SP-5		Unrestricted Use Soil Cleanup Objectives (6 NYCRR Part 375-6.8)	Restricted Use Soil Cleanup Objectives (6 NYCRR Part 375-6.8b) Residential
Sample Depth	0' - 2'	10' - 12'	DUP 10' - 12'	0'- 2'	10' - 12'	0'- 2'	10' - 12'	0'- 2'	2' - 4'	0' - 2'	2' - 4'		
Sample Date	7/23/14	7/23/14	7/23/14	7/23/14	7/23/14	7/23/14	7/23/14	7/23/14	7/23/14	7/23/14	7/23/14		
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil		
Units	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg		
Pesticides													
Toxaphene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS
Methoxychlor	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS
Heptachlor epoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS
Heptachlor	ND	ND	ND	ND	ND	3.01	ND	ND	ND	ND	ND	42	420
gamma-BHC (Lindane)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS
Endrin ketone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS
Endrin aldehyde	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS
Endrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	14	2,200
Endosulfan sulfate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,400	4,800
*Endosulfan II	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,400	4,800
Endosulfan I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,400	4,800
Dieldrin	ND	ND	ND	2.23	ND	ND	7.00	ND	ND	ND	ND	5	39
delta-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	40	100,000
Chlordane, total	32.1	ND	ND	18.1	ND	70.6	16.8	12.7	ND	ND	ND	NS	NS
beta-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	36	100,000
alpha-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20	97
Aldrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	19
4,4'-DDT	2.05	**11.5**	ND	**5.5**	ND	**9.76**	**158**	**13.9**	ND	ND	ND	3.3	1,700
4,4'-DDE	**7.60**	ND	ND	ND	ND	**21.1**	**14.7**	2.38	ND	ND	ND	3.3	1,800
4,4'-DDD	**ND**	ND	ND	ND	ND	ND	**5.42**	**7.14**	ND	ND	ND	3.3	2,600
PCBs													
Aroclor 1260	ND	ND	ND	ND	ND	ND	ND	83.1	ND	ND	ND	NS	NS
Aroclor 1254	ND	ND	ND	ND	ND	71.2	ND	ND	ND	ND	ND	NS	NS
Aroclor 1248	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS
Aroclor 1242	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS
Aroclor 1232	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS
Aroclor 1221	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS
Aroclor 1016	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS
***Total PCBs**	ND	ND	ND	ND	ND	71.2	ND	83.1	ND	ND	ND		

NOTES

All units in micrograms per kilogram (µg/kg)

J - Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.

ND - Analyte not detected at the stated Reporting Limit (RL)

NS - No Standard

* - Analyte is not certified or the state of the samples origination does not offer certification for the Analyte

Values shaded represent concentration in exceedance of their respective recommended soil cleanup objective

Table 5
Soil Analytical Results for Metals (mg/kg)
929 Atlantic Avenue, Brooklyn NY

Sample Identification	SP-1			SP-2		SP-3		SP-4		SP-5		Unrestricted Use Soil Cleanup Objectives (6 NYCRR Part 375-6.8)	Restricted Use Soil Cleanup Objectives (6 NYCRR Part 375-6.8b) Residential
Sample Depth	0' - 2'	10' - 12'	DUP 10' - 12'	0'- 2'	10' - 12'	0'- 2'	10' - 12'	0'- 2'	2' - 4'	0' - 2'	2' - 4'		
Sample Date	7/23/14	7/23/14	7/23/14	7/23/14	7/23/14	7/23/14	7/23/14	7/23/14	7/23/14	7/23/14	7/23/14		
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil		
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		
Metals													
Aluminum	4,660	7,800	7,680	6,230	9,040	5,160	6,460	7,880	8,500	6,290	7,550	NS	NS
Antimony	0.638	ND	ND	0.861	ND	4.92	0.740	0.995	ND	ND	ND	NS	NS
Arsenic	1.76	4.85	2.78	3.38	3.65	2.26	9.73	6.51	4.46	3.67	4.26	13	16
Barium	51.4	96.3	47.2	63.6	47.8	34.1	**690**	121	75.1	74.3	69.1	350	350
Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.2	14
Cadmium	ND	ND	ND	ND	ND	ND	ND	0.798	ND	ND	ND	2.5	2.5
Calcium	4,380	8,650	2,860	19,700	2,030	6,220	51,600	8,360	4,400	13,900	7,180	NS	NS
Chromium	10.1	13.0	14.0	12.8	13.4	6.49	13.8	29.7	18.9	14.5	17.8	NS	NS
Cobalt	3.80	7.74	5.57	4.26	6.84	2.78	4.54	8.74	8.27	5.94	7.88	NS	NS
Copper	19.3	24.8	12.7	24.2	**93.2**	8.28	**60.9**	39.7	34.4	18.5	26.0	50	270
Iron	8,670	18,400	16,600	10,500	15,500	7,200	14,000	21,200	21,800	15,500	28,600	NS	NS
Lead	**108**	**105**	40.1	**103**	24.3	19.7	**707**	**242**	**82.3**	**136**	**106**	63	400
Magnesium	1,710	3,130	2,520	3,370	2,280	1,090	4,650	2,450	2,730	1,990	2,500	NS	NS
Manganese	191	495	332	253	410	85.1	306	744	530	297	507	1,600	2,000
Nickel	7.34	13.2	10.1	10.5	13.0	3.53	10.1	24.3	20.9	12.2	15.3	30	140
Potassium	410	882	777	649	806	541	926	973	1,140	999	1,170	NS	NS
Selenium	1.53	3.26	2.59	1.67	2.83	ND	3.04	**4.06**	**3.96**	2.74	**4.69**	3.9	36
Silver	10.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2	36
Sodium	316	363	237	331	309	202	424	1,060	744	658	497	NS	NS
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS
Vanadium	16.4	23.9	20.1	18.2	20.9	11.1	24.0	29.4	26.5	21.9	26.6	NS	NS
Zinc	55.6	62.9	32.3	74.1	**144**	25.0	**306**	**148**	65.1	56.0	53.8	109	2,200
Mercury	0.0825	0.156	0.0498	0.171	0.0523	0.105	**0.471**	**0.593**	**0.523**	**2.93**	**0.751**	0.18	0.81

NOTES

All units in milligrams per kilogram (mg/kg)

B - Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants

Data users should consider anything <10x the blank value as artifact.

ND - Analyte not detected at the stated Reporting Limit (RL)

NS - No Standard

Values shaded represent concentration exceeding their respective recommended soil cleanup objective

Table 6
Groundwater Analytical Results for Volatile Organic Compounds (µg/L)
929 Atlantic Ave, Brooklyn NY

Sample Identification	MW-1	NYSDEC GQS
Sample Date	7/23/14	
Sample Matrix	Water	
Units	µg/L	
1,1,1-Trichloroethane	ND	5
1,1,2,2-Tetrachloroethane	ND	5
1,1,2-Trichloro-1,2,2-trifluorethane	ND	5
1,1,2-Trichloroethane	ND	5
1,1-Dichloroethane	ND	5
1,1-Dichloroethylene	ND	5
1,2,3-Trichlorobenzene	ND	5
1,2,4-Trichlorobenzene	ND	5
1,2-Dibromo-3-chloropropane	ND	0.04
1,2-Dibromoethane	ND	NS
1,2-Dichlorobenzene	ND	NS
1,2-Dichloroethane	ND	1
1,2-Dichloropropane	ND	1
1,3-Dichlorobenzene	ND	3
1,4-Dichlorobenzene	ND	3
2-Butanone	ND	NS
2-Hexanone	ND	50
4-Methyl-2-pentanone	ND	NS
Acetone	ND	50
Benzene	ND	1
Bromochloromethane	ND	NS
Bromodichloromethane	ND	50
Bromoform	ND	50
Bromomethane	ND	5
Carbon Disulfide	ND	NS
Carbon Tetrachloride	ND	5
Chlorobenzene	ND	5
Chloroethane	ND	5
Chloroform	1.5	7
Chloromethane	ND	NS
cis-1,2-Dichloroethylene	ND	5
cis-1,3-Dichloropropylene	ND	NS
Cyclohexane	ND	NS
Dibromochloromethane	ND	50
Dichlorodifluoromethane	ND	5
Ethyl Benzene	ND	5
Isopropylbenzene	ND	5
Methyl Acetate	ND	NS
Methyl tert-butyl ether (MTBE)	ND	10
Methylcyclohexane	ND	NS
Methylene chloride	ND	5
o-Xylene	0.53	5
p- & m- Xylene	0.53	5
Styrene	ND	5
Tetrachloroethylene	0.43	5
Toluene	0.36	5
trans-1,2-Dichloroethylene	ND	5
trans-1,3-Dichloropropylene	ND	5
Trichloroethylene	0.87	5
Trichlorofluoromethane	ND	5
Vinyl Chloride	ND	2
Xylenes, Total	1.1	5
Total VOCs	5.32	

NOTES

All units in micrograms per kilogram (µg/kg)

J - Detected below the Reporting Limit but greater > or = to the Method Detection Limit (MDL); therefore, result is an estimated concentration. Data users should consider anything <10X the blank value as artifact.

ND - Analyte not detected at the stated Reporting Limit (RL)

B - Analyte is found in associated analysis batch blank. For volatiles, methylene chloride & acetone are commom lab contaminants. Data users should consider anything <10x the blank value as artifact.

Table 7
Groundwater Analytical Results for Semivolatile Organic Compounds
929 Atlamtic Ave, Brooklyn NY

Sample Identification	MW-1	NYSDEC GQS
Sample Date	7/23/14	
Sample Matrix	Water	
Units	µg/L	
Acenaphthene	ND	20
Acenaphthylene	ND	NS
Acetophenone	ND	NS
Anthracene	ND	NS
Atrazine	ND	7.5
Benzaldehyde	ND	NS
Benzo(a)anthracene	ND	NS
Benzo(a)pyrene	ND	NS
Benzo(b)fluoranthene	ND	NS
Benzo(g,h,i)perylene	ND	NS
Benzo(k)fluoranthene	ND	NS
Benzyl butyl phthalate	ND	NS
1,1'-Biphenyl	ND	5
4-bromophenyl phenyl ether	ND	NS
Caprolactam	ND	NS
Carbazole	ND	NS
4-Chloro-3-methylphenol	ND	NS
4-Chloroaniline	ND	5
Bis(2-chloroethoxy)methane	ND	NS
Bis(2-chloroethyl)ether	ND	NS
Bis(2-chloroisopropyl)ether	ND	NS
2-Chloronaphthalene	ND	NS
2-Chlorophenol	ND	NS
4-Chlorophenyl phenyl ether	ND	NS
Chrysene	ND	NS
Dibenzo(a,h)anthracene	ND	NS
Dibenzofuran	ND	NS
Di-n-butyl phthalate	ND	50
3,3'-Dichlorobenzidine	ND	5
2,4-Dichlorophenol	ND	5
Diethyl phthalate	ND	NS
2,4-Dimethylphenol	ND	5
Dimethyl phthalate	ND	50
4,6-Dinitro-2-methylphenol	ND	NS
2,4-Dinitrophenol	ND	5
2,4-Dinitrotoluene	ND	5
2,6-Dinitrotoluene	ND	5
Di-n-octyl phthalate	ND	50
Bis(2-ethylhexyl)phthalate	2.11	NS
Fluoranthene	ND	NS
Fluorene	ND	50
Hexachlorobenzene	ND	0.04
Hexachlorobutadiene	ND	0.5
Hexachlorocyclopentadiene	ND	5
Hexachloroethane	ND	0.6
Indeno(1,2,3-cd)pyrene	ND	0.002
Isophorone	ND	50
2-Methylnaphthalene	ND	NS
2-Methylphenol	ND	NS
3- &4-Methylphenols	ND	NS
Naphthalene	0.126	10
4-Nitroaniline	ND	5
2- Nitroaniline	ND	5
3- Nitroaniline	ND	5

Table 7 Cont'd
Groundwater Analytical Results for Semi-volatile Organic Compounds
929 Atlantic Ave, Brooklyn NY

Hexachlorobenzene	ND	0.04
Hexachlorobutadiene	ND	0.5
Hexachlorocyclopentadiene	ND	5
Nitrobenzene	ND	0.4
2- Nitrophenol	ND	NS
4-Nitrophenol	ND	NS
N-nitroso-di-n-propylamine	ND	NS
N-Nitrosodiphenylamine	ND	50
Pentachlorophenol	ND	NS
Phenanthrene	ND	50
Phenol	ND	NS
Pyrene	ND	50
1,2,4,5-Tetrachlorobenzene	ND	NS
2,4,6-Trichlorophenol	ND	3
2,4,5-Trichlorophenol	ND	3
Total SVOCs	2.236	

NOTES

All units in micrograms per kilogram (µg/L)

J - Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.

ND - Analyte not detected at the stated Reporting Limit (RL)

GQS - Groundwater Quality Standards

B - Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank values as artifact

Table 8
Groundwater Analytical Results for Pesticides / Polychlorinated Biphenyls (µg/L)
929 Atlantic Avenue, Brooklyn NY

Sample Identification	MW-1	NYSDEC GQS
Sample Date	7/23/14	
Sample Matrix	Water	
Units	µg/L	
Pesticides		
Toxaphene	ND	0.06
Methoxychlor	ND	0.3
Heptachlor epoxide	ND	0.03
Heptachlor	ND	0.04
gamma-BHC (Lindane)	ND	0.05
Endrin ketone	ND	5
Endrin aldehyde	ND	5
Endrin	ND	NS
Endosulfan sulfate	ND	NS
Endosulfan II	ND	NS
Endosulfan I	ND	NS
Dieldrin	ND	0.004
delta-BHC	ND	0.04
Chlordane, total	ND	0.05
beta-BHC	ND	0.04
alpha-BHC	ND	0.94
Aldrin	ND	NS
4,4'-DDT	ND	0.2
4,4'-DDE	ND	0.2
4,4'-DDD	ND	0.3
PCBs		
Aroclor 1260	ND	0.09
Aroclor 1254	ND	0.09
Aroclor 1248	ND	0.09
Aroclor 1242	ND	0.09
Aroclor 1232	ND	0.09
Aroclor 1221	ND	0.09
Aroclor 1016	ND	0.09
***Total PCBs**	ND	

NOTES

All units in micrograms per kilogram (µg/L)

ND - Analyte not detected at the stated Reporting Limit (RL)

NS - No Standard

Table 9
Groundwater Analytical Results for Metals (mg/L)
929 Atlantic Avenue, Brooklyn NY

Sample Identification	MW-1	NYSDEC GQS
Sample Date	7/23/14	
Sample Matrix	Water	
Units	µg/L	
Metals		
Aluminum	15.5	NS
Antimony	ND	3
Arsenic	0.010	25
Barium	0.712	1,000
Beryllium	ND	3
Cadmium	ND	5
Calcium	149	NS
Chromium	0.224	50
Cobalt	0.050	NS
Copper	0.185	200
Iron	50.9	300
Lead	0.064	25
Magnesium	60.8	35,000
Manganese	5.52	300
Nickel	0.278	100
Potassium	9.45	NS
Selenium	0.018	10
Silver	ND	50
Sodium	137	20,000
Thallium	ND	0.5
Vanadium	0.037	NS
Zinc	0.210	2,000
Mercury	ND	0.7

NOTES

All units in milligrams per kilogram (mg/kg)

B - Analyte is found in the associated analysis batch blank. For volatiles, methylene chlorid

Data users should consider anything <10x the blank value as artifact.

ND - Analyte not detected at the stated Reporting Limit (RL)

NS - No Standard

Values shaded represent concentration exceeding their respective recommended soil clear

Table 10
Groundwater Analytical Results for (Dissolved) Metals
929 Atlantic Avenue, Brooklyn NY

Sample Identification	MW-1	NYSDEC GQS
Sample Date	7/23/14	
Sample Matrix	Water	
Units	µg/L	
Metals		
Aluminum	ND	NS
Antimony	ND	3
Arsenic	ND	25
Barium	0.201	1,000
Beryllium	ND	3
Cadmium	ND	5
Calcium	103	NS
Chromium	ND	50
Cobalt	ND	NS
Copper	ND	200
Iron	ND	300
Lead	ND	25
Magnesium	41.0	35,000
Manganese	0.877	300
Nickel	0.025	100
Potassium	5.43	NS
Selenium	ND	10
Silver	ND	50
Sodium	140	20,000
Thallium	ND	0.5
Vanadium	ND	NS
Zinc	ND	2,000

NOTES

All units in milligrams per kilogram (mg/kg)

ND - Analyte not detected at the stated Reporting Limit (RL)

NS - No Standard

NYSDEC GQS - New York State Department of Environmental Conservation
Groundwater Quality Standard

Table 11
Soil Gas Analytical Results for Volatile Organic Compounds (µg/m^3)
83 Grand Street, Brooklyn NY

Sample Identification	SV-1[1]	SV-2[1]	SV-3[1]	NYSDOH Outdoor Background Standard[2]
Sample Date	7/23/14	7/23/14	7/23/14	
Sample Matrix	Soil Vapor	Soil Vapor	Soil Vapor	
Units	µg/m^3	µg/m^3	µg/m^3	
Vinyl Chloride	ND	ND	ND	NS
Vinyl acetate	ND	ND	ND	NS
Trichloroethylene	ND	ND	ND	<0.25
trans-1,3-Dichloropropylene	ND	ND	ND	NS
trans-1,2-Dichloroethylene	ND	ND	ND	NS
Toluene	**17**	**4.6**	**4.7**	0.6 - 2.4
*Tetrahydrofuran	ND	ND	ND	<0.25
Tetrachloroethylene	**350**	**110**	**110**	<0.25 - 0.3
Styrene	ND	ND	ND	<0.25
*Propylene	ND	ND	ND	<0.25
*p-Ethyltoluene	20	9.7	11	NS
p- &m-Xylenes	32	14	16	NS
o-Xylene	**20**	**8.9**	**10**	<0.25 - 0.7
n-Hexane	ND	**1.2**	0.89	<0.25 - 1
n-Heptane	ND	**1.5**	1.9	<0.25 - 1.9
Methylene chloride	**50**	**13**	**16**	<0.25 - 0.7
Methyl tert-butyl ether (MTBE)	ND	ND	ND	NS
4-Methyl-2-pentanone	ND	ND	ND	<0.25
Isopropanol	16	34	26	NS
Hexachlorobutadiene	ND	ND	ND	NS
Ethyl Benzene	ND	**3.0**	**3.6**	<0.25 - 0.5
*Ethyl acetate	ND	ND	ND	NS
Cyclohexane	ND	**0.98**	**1.4**	<0.25 - 0.4
cis-1,3-Dichloropropylene	ND	ND	ND	<0.25
cis-1,2-Dichloroethylene	ND	ND	ND	<0.25
Chloromethane	ND	ND	ND	<0.25 - 1.8
Chloroform	ND	**5.5**	**11**	<0.25
Chloroethane	ND	ND	ND	<0.25
Carbon Tetrachloride	ND	ND	ND	<0.25 - 0.6
Carbon disulfide	ND	1.5	ND	NS
Bromomethane	ND	ND	ND	<0.25
Bromoform	ND	ND	ND	NS
Bromodichloromethane	ND	ND	ND	NS
Benzyl chloride	ND	ND	ND	NS
Benzene	**7.4**	1.1	1.1	0.6 - 2.2
Acetone	**2,200**	**24**	**17**	3.4 - 14
*2-Hexanone	ND	ND	ND	NS
2-Butanone	**56**	2.4	1.6	0.8 - 2.6
1,4-Dioxane	ND	ND	ND	NS
1,4-Dichlorobenzene	ND	ND	ND	<0.25
1,3-Dichlorobenzene	ND	ND	ND	<0.25
1,3 Butadiene	ND	ND	ND	NS
1,3,5-Trimethylbenzene	**11**	**5.6**	**6.6**	<0.25 - 0.3
1,2-Dichlorotetrafluoroethane	ND	ND	ND	NS
1,2-Dichloropropane	ND	ND	ND	<0.25
1,2-Dichloroethane	ND	ND	ND	<0.25
1,2-Dichlorobenzene	ND	ND	ND	<0.25
1,2,4-Trimethylbenzene	**34**	**17**	**22**	<0.25 - 0.8
1,2,4-Trichlorobenzene	ND	ND	ND	<0.25
1,1-Dichloroethylene	ND	ND	ND	<0.25
1,1-Dichloroethane	ND	ND	ND	<0.25
Trichlorofluoromethane (Freon II)	ND	4.9	5.4	NS
1,1,2-Trichloroethane	ND	ND	ND	<0.25
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	ND	ND	<0.25 - 1.1
1,1,2,2-Tetrachloroethane	ND	ND	ND	0.60 - 2.4
1,1,1-Trichloroethane	ND	**1.4**	**1.8**	<0.25 - 0.3
Dichlorodifluoromethane	ND	**140**	**430**	<0.25 - 4.2
1,2-Dibromoethane	ND	ND	ND	NS
Dibromochloromethane	ND	ND	ND	NS
Methyl Methacrylate	ND	ND	ND	<0.25
Chlorobenzene	ND	ND	ND	<0.25

Table 11

Soil Gas Analytical Results for Volatile Organic Compounds (µg/m^3)

83 Grand Street, Brooklyn NY

NOTES

All units in micrograms per cubic meter (µg/m^3)

[1] Samples Analysed for Helium as a tracer gas. Helium was not detected in any sample

[2] Summary of indoor and outdoor Levels of NYSDOH Air Sampling and Analysis (EPA Guidance 2001)

New York State Department of Health, Bureau of Toxic Substance Assessment

[3] The ranges provided in the table represent the 25th percentile to 75th percentile (middle half) of the results and are labeled as background.

A single value is the minimum reporting limit for that compound and indicates that nore than 75% of the data are below the detection limi

* Analyte is not certified or the state of the samples origination does not offer certification for the Analyte

< - Means "less than". The number following a "less than" sign is the lowest level the laboratory test can reliably measure (report limit).

ND - Analyte not detected at the stated Reporting Limit (RL)

NS - No Standard

Values shaded represent concentration in exceedance of their respective recommended soil cleanup objective

APPENDICES

ALPHA-HYDRO
ENVIRONMENTAL SERVICES
A PARADIGM OF EXCELLENCE

Job Number 141336

1503 Wave Avenue, Medford NY 11763

Professional Services Division

SOIL BORING LOG

Project: 929 ATLANTIC AVENUE
Date: 7/23/14
Client: ELEVATION HOLDINGS LLC
Logged By: DAVE OLOKE
Location: SOUTHEAST OF PROPERTY
Driller: J. SAKELLIS

Boring No.: SP-1
Drilling Method: Direct Push
Sample Method: CORE
Total Depth: 15'
Depth to Water: N/A

USCS SYMBOLS

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

PID READING (PPM)	DEPTH BELOW GRADE (FT.)	SOIL DESCRIPTION / REMARKS		MOISTURE CONTENT	USCS
11.9	1	0–2	Urban fill consisting of brown fine grained silt, sand mixed with red bricks and pebbles.		SP
	2				
0.0	3	2–4	Urban fill consisting of brown fine grained silt, sand mixed with red bricks and pebbles.		SP
	4				
0.0	5	4–6	Urban fill consisting of brown fine grained silt, sand mixed with red bricks and pebbles.		SP
	6				
0.0	7	6–8	Brown fine grained sandy clay.		SP
	8				
0.0	9	8–10	Brown fine grained sandy clay.		SP
	10				
0.0	11	10–12	Brown fine grained sandy clay.		SP
	12				
0.0	13	12–14	Brown fine grained sandy clay.		SP
	14				
	15		END OF BORING		
	16				
	17				
	18				
	19				

ALPHA-HYDRO
ENVIRONMENTAL SERVICES
A PARADIGM OF EXCELLENCE

Job Number 141336

1503 Wave Avenue, Medford NY 11763

Professional Services Division

SOIL BORING LOG

Project: 929 ATLANTIC AVENUE
Date: 7/23/14
Client: ELEVATION HOLDINGS LLC
Logged By: DAVE OLOKE
Location: NORTHEAST OF PROPERTY
Driller: J. SAKELLIS

Boring No.: SP-2
Drilling Method: Direct Push
Sample Method: CORE
Total Depth: 15'
Depth to Water: N/A

USCS SYMBOLS

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

PID READING (PPM)	DEPTH BELOW GRADE (FT.)	SOIL DESCRIPTION / REMARKS		MOISTURE CONTENT	USCS
0.0	1	0–2	Concrete, fill material consisting of red bricks, sand, silt & pebbles.		SP
	2				
0.0	3	2–4	Concrete, fill material consisting of red bricks, sand, silt & pebbles.		SP
	4				
	5	4–6	No recovery.		
	6				
0.0	7	6–8	Red bricks, sand, silt with concrete materials.		SP
	8				
	9	8–10	No recovery.		
	10				
0.0	11	10–12	Brown to red sand, silt mixed with pebbles.		SP
	12				
	13				
	14				
	15		END OF BORING		
	16				
	17				
	18				
	19				

ALPHA-HYDRO
ENVIRONMENTAL SERVICES
A PARADIGM OF EXCELLENCE

Job Number 141336

1503 Wave Avenue, Medford NY 11763

Professional Services Division

SOIL BORING LOG

Project: 929 ATLANTIC AVENUE
Date: 7/23/14
Client: ELEVATION HOLDINGS LLC
Logged By: DAVE OLOKE
Location: WEST OF PROPERTY
Driller: J. SAKELLIS

Boring No.: SP-3
Drilling Method: Direct Push
Sample Method: CORE
Total Depth: 15'
Depth to Water: N/A

USCS SYMBOLS

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

PID READING (PPM)	DEPTH BELOW GRADE (FT.)	SOIL DESCRIPTION / REMARKS		MOISTURE CONTENT	USCS
7.2	1	0–2	Asphalt, fill material consists of red bricks, sand, silt and pebbles.		SP
	2				
	3	2–4	No recovery.		
	4				
	5	4–6	No recovery.		
	6				
	7	6–8	No recovery.		
	8				
0.0	9	8–10	Red bricks, mixed with fine grained sand & pebbles.		SP
	10				
0.0	11	10–12	Brown find grained sand mixed with red bricks.		SP
	12				
	13				
	14				
	15		END OF BORING		
	16				
	17				
	18				
	19				

ALPHA-HYDRO
ENVIRONMENTAL SERVICES
A PARADIGM OF EXCELLENCE

Job Number 141336

1503 Wave Avenue, Medford NY 11763

Professional Services Division

SOIL BORING LOG

Project: 929 ATLANTIC AVENUE
Date: 7/23/14
Client: ELEVATION HOLDINGS LLC
Logged By: DAVE OLOKE
Location: NORTH OF BASEMENT
Driller: J. SAKELLIS

Boring No.: SP-4
Drilling Method: HAND AUGER
Sample Method: HAND AUGER
Total Depth: 4'
Depth to Water: N/A

USCS SYMBOLS

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

PID READING (PPM)	DEPTH BELOW GRADE (FT.)	SOIL DESCRIPTION / REMARKS	MOISTURE CONTENT	USCS
34.2	1	0–2 Concrete, brown fill material consisting of pebbles. No odor, fine grained silty sand.	DRY	SP
	2			
13.3	3	2–4 Concrete, brown fill material consisting of pebbles. No odor, fine grained silty sand.	DRY	SP
	4			
	5	END OF BORING		
	6			
	7			
	8			
	9			
	10			
	11			
	12			
	13			
	14			
	15			
	16			
	17			
	18			
	19			

ALPHA-HYDRO
ENVIRONMENTAL SERVICES
A PARADIGM OF EXCELLENCE

Job Number 141336

1503 Wave Avenue, Medford NY 11763

Professional Services Division

SOIL BORING LOG

Project: 929 ATLANTIC AVENUE
Date: 7/23/14
Client: ELEVATION HOLDINGS LLC
Logged By: DAVE OLOKE
Location: SOUTH OF BASEMENT
Driller: J. SAKELLIS

Boring No.: SP-5
Drilling Method: HAND AUGER
Sample Method: HAND AUGER
Total Depth: 4'
Depth to Water: N/A

USCS SYMBOLS

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

PID READING (PPM)	DEPTH BELOW GRADE (FT.)	SOIL DESCRIPTION / REMARKS	MOISTURE CONTENT	USCS
10.8	1	0–2 Concrete fill material consisting of fine grained silty sand, changes to dark fine grained sand with pebbles.		SP
	2			
9.6	3	2–4 Brown fine grained silty sand with pebbles, no odor.		SP
	4			
	5	END OF BORING		
	6			
	7			
	8			
	9			
	10			
	11			
	12			
	13			
	14			
	15			
	16			
	17			
	18			
	19			

Alpha - Hydro Environmental

SOIL GAS SAMPLING LOG

Site Name: 929 Atlantic Avenue

Client: Elevation Holdings LLC

Date: 7/23/2014

Sampled by: D. Oloke

Sample ID : SV - 1

Collection Device : Summer Canister

Canister ID : Y46

Controller ID : T6

Flow Rate : 0.2 L/min

Sample Location : SE portion of Site

Sample Depth : 10 ft

Time Started : 11:30

Initial vacuum : - 28 in Hg

Time Stopped : 13:30

Final vacuum : - 4.5 in Hg

PID Calibration : 101.2 ppm

PID Reading : 0.0 ppm

Helium Reading : Na %

Alpha - Hydro Environmental

SOIL GAS SAMPLING LOG

Site Name: 929 Atlantic Avenue

Client: Elevation Holdings LLC

Date: 7/23/2014

Sampled by: D. Oloke

Sample ID : SV - 2

Collection Device : Summer Canister

Canister ID : 16956

Controller ID : T7

Flow Rate : 0.2 L/min

Sample Location : NW portion of Basement (sub-slab)

Sample Depth : 12 inches

Time Started : 10:55 am

Initial vacuum : - 29 in Hg

Time Stopped : 12:55 pm

Final vacuum : - 4.5 in Hg

PID Calibration : 101.2 ppm

PID Reading : 14.6 ppm

Helium Reading : Na %

Alpha - Hydro Environmental

SOIL GAS SAMPLING LOG

Site Name: 929 Atlantic Avenue

Client: Elevation Holdings LLC

Date: 7/23/2014

Sampled by: D. Oloke

Sample ID : SV - 3

Collection Device : Summer Canister

Canister ID : 16954

Controller ID : T1

Flow Rate : 0.2 L/min

Sample Location : SW portion of Basement (sub-slab)

Sample Depth : 12 inches

Time Started : 10:58 am

Initial vacuum : - 29 in Hg

Time Stopped : 12:58 pm

Final vacuum : - 4.5 in Hg

PID Calibration : 101.2 ppm

PID Reading : 35.5 ppm

Helium Reading : Na %

Technical Report

prepared for:

Alpha-Hydro Environmental
1503 Wave Avenue
Medford NY, 11763
Attention: David Oloke

Report Date: 07/31/2014
Client Project ID: 929 Atlantic Ave Brooklyn
York Project (SDG) No.: 14G1014

Report Date: 07/31/2014
Client Project ID: 929 Atlantic Ave Brooklyn
York Project (SDG) No.: 14G1014

Alpha-Hydro Environmental
1503 Wave Avenue
Medford NY, 11763
Attention: David Oloke

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on July 24, 2014 and listed below. The project was identified as your project: **929 Atlantic Ave Brooklyn**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
14G1014-01	SP-1(0-2)	Soil	07/23/2014	07/24/2014
14G1014-02	SP-1(10-12)	Soil	07/23/2014	07/24/2014
14G1014-03	SP-2 (0-2)	Soil	07/23/2014	07/24/2014
14G1014-04	SP-2 (10-12)	Soil	07/23/2014	07/24/2014
14G1014-05	SP-3 (0-2)	Soil	07/23/2014	07/24/2014
14G1014-06	SP-3 (10-12)	Soil	07/23/2014	07/24/2014
14G1014-07	SP-4 (0-2)	Soil	07/23/2014	07/24/2014
14G1014-08	SP-4 (2-4)	Soil	07/23/2014	07/24/2014
14G1014-09	SP-5 (0-2)	Soil	07/23/2014	07/24/2014
14G1014-10	SP-5 (2-4)	Soil	07/23/2014	07/24/2014
14G1014-11	DUP	Soil	07/23/2014	07/24/2014
14G1014-12	Equipment Blank	Water	07/23/2014	07/24/2014

General Notes for York Project (SDG) No.: 14G1014

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

Approved By:

Date: 07/31/2014

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: **SP-1(0-2)** **York Sample ID:** **14G1014-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Volatile Organics, 8260 - TCL/SOM

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		ug/kg dry	1.9	7.7	1	EPA 8260C	07/29/2014 16:35	07/30/2014 05:50	SS
71-43-2	Benzene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	07/29/2014 16:35	07/30/2014 05:50	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	07/29/2014 16:35	07/30/2014 05:50	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	07/29/2014 16:35	07/30/2014 05:50	SS
75-25-2	Bromoform	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	07/29/2014 16:35	07/30/2014 05:50	SS
74-83-9	Bromomethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	07/29/2014 16:35	07/30/2014 05:50	SS
78-93-3	2-Butanone	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	07/29/2014 16:35	07/30/2014 05:50	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	07/29/2014 16:35	07/30/2014 05:50	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	07/29/2014 16:35	07/30/2014 05:50	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	07/29/2014 16:35	07/30/2014 05:50	SS
75-00-3	Chloroethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	07/29/2014 16:35	07/30/2014 05:50	SS
67-66-3	Chloroform	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	07/29/2014 16:35	07/30/2014 05:50	SS
74-87-3	Chloromethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	07/29/2014 16:35	07/30/2014 05:50	SS
110-82-7	Cyclohexane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	07/29/2014 16:35	07/30/2014 05:50	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	07/29/2014 16:35	07/30/2014 05:50	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	07/29/2014 16:35	07/30/2014 05:50	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	07/29/2014 16:35	07/30/2014 05:50	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	07/29/2014 16:35	07/30/2014 05:50	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	07/29/2014 16:35	07/30/2014 05:50	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	07/29/2014 16:35	07/30/2014 05:50	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	07/29/2014 16:35	07/30/2014 05:50	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	07/29/2014 16:35	07/30/2014 05:50	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	07/29/2014 16:35	07/30/2014 05:50	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	07/29/2014 16:35	07/30/2014 05:50	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	07/29/2014 16:35	07/30/2014 05:50	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	07/29/2014 16:35	07/30/2014 05:50	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	07/29/2014 16:35	07/30/2014 05:50	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	07/29/2014 16:35	07/30/2014 05:50	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	07/29/2014 16:35	07/30/2014 05:50	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	38	77	1	EPA 8260C	07/29/2014 16:35	07/30/2014 05:50	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	07/29/2014 16:35	07/30/2014 05:50	SS
591-78-6	2-Hexanone	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	07/29/2014 16:35	07/30/2014 05:50	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	07/29/2014 16:35	07/30/2014 05:50	SS
79-20-9	Methyl acetate	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	07/29/2014 16:35	07/30/2014 05:50	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	07/29/2014 16:35	07/30/2014 05:50	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	07/29/2014 16:35	07/30/2014 05:50	SS
75-09-2	**Methylene chloride**	**3.4**	J	ug/kg dry	1.9	7.7	1	EPA 8260C	07/29/2014 16:35	07/30/2014 05:50	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	07/29/2014 16:35	07/30/2014 05:50	SS

Sample Information

Client Sample ID: SP-1(0-2) **York Sample ID:** 14G1014-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Volatile Organics, 8260 - TCL/SOM

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	07/29/2014 16:35	07/30/2014 05:50	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	07/29/2014 16:35	07/30/2014 05:50	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	07/29/2014 16:35	07/30/2014 05:50	SS
108-88-3	Toluene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	07/29/2014 16:35	07/30/2014 05:50	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	07/29/2014 16:35	07/30/2014 05:50	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	07/29/2014 16:35	07/30/2014 05:50	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	07/29/2014 16:35	07/30/2014 05:50	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	07/29/2014 16:35	07/30/2014 05:50	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	07/29/2014 16:35	07/30/2014 05:50	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	07/29/2014 16:35	07/30/2014 05:50	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	07/29/2014 16:35	07/30/2014 05:50	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	07/29/2014 16:35	07/30/2014 05:50	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	07/29/2014 16:35	07/30/2014 05:50	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	3.8	7.7	1	EPA 8260C	07/29/2014 16:35	07/30/2014 05:50	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	5.8	12	1	EPA 8260C	07/29/2014 16:35	07/30/2014 05:50	SS

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*107 %*	*75-127*
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*106 %*	*67-130*
2037-26-5	*Surrogate: Toluene-d8*	*106 %*	*90-112*

Semi-Volatiles, 8270 - TCL/SOM

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

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	337	1340	5	EPA 8270D	07/29/2014 17:00	07/30/2014 12:37	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	337	1340	5	EPA 8270D	07/29/2014 17:00	07/30/2014 12:37	SR
98-86-2	Acetophenone	ND		ug/kg dry	337	1340	5	EPA 8270D	07/29/2014 17:00	07/30/2014 12:37	SR
120-12-7	Anthracene	ND		ug/kg dry	337	1340	5	EPA 8270D	07/29/2014 17:00	07/30/2014 12:37	SR
1912-24-9	Atrazine	ND		ug/kg dry	337	1340	5	EPA 8270D	07/29/2014 17:00	07/30/2014 12:37	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	337	1340	5	EPA 8270D	07/29/2014 17:00	07/30/2014 12:37	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	337	1340	5	EPA 8270D	07/29/2014 17:00	07/30/2014 12:37	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	337	1340	5	EPA 8270D	07/29/2014 17:00	07/30/2014 12:37	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	337	1340	5	EPA 8270D	07/29/2014 17:00	07/30/2014 12:37	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	674	1340	5	EPA 8270D	07/29/2014 17:00	07/30/2014 12:37	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	337	1340	5	EPA 8270D	07/29/2014 17:00	07/30/2014 12:37	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	337	1340	5	EPA 8270D	07/29/2014 17:00	07/30/2014 12:37	SR
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	337	1340	5	EPA 8270D	07/29/2014 17:00	07/30/2014 12:37	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	337	1340	5	EPA 8270D	07/29/2014 17:00	07/30/2014 12:37	SR

Sample Information

Client Sample ID: SP-1(0-2) **York Sample ID:** 14G1014-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Semi-Volatiles, 8270 - TCL/SOM **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		ug/kg dry	337	1340	5	EPA 8270D	07/29/2014 17:00	07/30/2014 12:37	SR
86-74-8	Carbazole	ND		ug/kg dry	337	1340	5	EPA 8270D	07/29/2014 17:00	07/30/2014 12:37	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	674	1340	5	EPA 8270D	07/29/2014 17:00	07/30/2014 12:37	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	674	1340	5	EPA 8270D	07/29/2014 17:00	07/30/2014 12:37	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	337	1340	5	EPA 8270D	07/29/2014 17:00	07/30/2014 12:37	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	337	1340	5	EPA 8270D	07/29/2014 17:00	07/30/2014 12:37	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	337	1340	5	EPA 8270D	07/29/2014 17:00	07/30/2014 12:37	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	337	1340	5	EPA 8270D	07/29/2014 17:00	07/30/2014 12:37	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	337	1340	5	EPA 8270D	07/29/2014 17:00	07/30/2014 12:37	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	337	1340	5	EPA 8270D	07/29/2014 17:00	07/30/2014 12:37	SR
218-01-9	Chrysene	ND		ug/kg dry	337	1340	5	EPA 8270D	07/29/2014 17:00	07/30/2014 12:37	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	337	1340	5	EPA 8270D	07/29/2014 17:00	07/30/2014 12:37	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	337	1340	5	EPA 8270D	07/29/2014 17:00	07/30/2014 12:37	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	337	1340	5	EPA 8270D	07/29/2014 17:00	07/30/2014 12:37	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	1340	2670	5	EPA 8270D	07/29/2014 17:00	07/30/2014 12:37	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	674	1340	5	EPA 8270D	07/29/2014 17:00	07/30/2014 12:37	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	337	1340	5	EPA 8270D	07/29/2014 17:00	07/30/2014 12:37	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	337	1340	5	EPA 8270D	07/29/2014 17:00	07/30/2014 12:37	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	337	1340	5	EPA 8270D	07/29/2014 17:00	07/30/2014 12:37	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	674	1340	5	EPA 8270D	07/29/2014 17:00	07/30/2014 12:37	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	1340	2670	5	EPA 8270D	07/29/2014 17:00	07/30/2014 12:37	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	674	1340	5	EPA 8270D	07/29/2014 17:00	07/30/2014 12:37	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	337	1340	5	EPA 8270D	07/29/2014 17:00	07/30/2014 12:37	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	337	1340	5	EPA 8270D	07/29/2014 17:00	07/30/2014 12:37	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	337	1340	5	EPA 8270D	07/29/2014 17:00	07/30/2014 12:37	SR
206-44-0	Fluoranthene	ND		ug/kg dry	337	1340	5	EPA 8270D	07/29/2014 17:00	07/30/2014 12:37	SR
86-73-7	Fluorene	ND		ug/kg dry	337	1340	5	EPA 8270D	07/29/2014 17:00	07/30/2014 12:37	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	337	1340	5	EPA 8270D	07/29/2014 17:00	07/30/2014 12:37	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	337	1340	5	EPA 8270D	07/29/2014 17:00	07/30/2014 12:37	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	674	1340	5	EPA 8270D	07/29/2014 17:00	07/30/2014 12:37	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	337	1340	5	EPA 8270D	07/29/2014 17:00	07/30/2014 12:37	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	337	1340	5	EPA 8270D	07/29/2014 17:00	07/30/2014 12:37	SR
78-59-1	Isophorone	ND		ug/kg dry	337	1340	5	EPA 8270D	07/29/2014 17:00	07/30/2014 12:37	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	337	1340	5	EPA 8270D	07/29/2014 17:00	07/30/2014 12:37	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	674	1340	5	EPA 8270D	07/29/2014 17:00	07/30/2014 12:37	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	674	1340	5	EPA 8270D	07/29/2014 17:00	07/30/2014 12:37	SR
91-20-3	Naphthalene	ND		ug/kg dry	337	1340	5	EPA 8270D	07/29/2014 17:00	07/30/2014 12:37	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	674	1340	5	EPA 8270D	07/29/2014 17:00	07/30/2014 12:37	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	337	1340	5	EPA 8270D	07/29/2014 17:00	07/30/2014 12:37	SR

Sample Information

Client Sample ID: **SP-1(0-2)** **York Sample ID:** **14G1014-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Semi-Volatiles, 8270 - TCL/SOM

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

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		ug/kg dry	674	1340	5	EPA 8270D	07/29/2014 17:00	07/30/2014 12:37	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	337	1340	5	EPA 8270D	07/29/2014 17:00	07/30/2014 12:37	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	337	1340	5	EPA 8270D	07/29/2014 17:00	07/30/2014 12:37	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	674	1340	5	EPA 8270D	07/29/2014 17:00	07/30/2014 12:37	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	337	1340	5	EPA 8270D	07/29/2014 17:00	07/30/2014 12:37	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	337	1340	5	EPA 8270D	07/29/2014 17:00	07/30/2014 12:37	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	674	1340	5	EPA 8270D	07/29/2014 17:00	07/30/2014 12:37	SR
85-01-8	Phenanthrene	ND		ug/kg dry	337	1340	5	EPA 8270D	07/29/2014 17:00	07/30/2014 12:37	SR
108-95-2	Phenol	ND		ug/kg dry	337	1340	5	EPA 8270D	07/29/2014 17:00	07/30/2014 12:37	SR
129-00-0	**Pyrene**	**353**	J	ug/kg dry	337	1340	5	EPA 8270D	07/29/2014 17:00	07/30/2014 12:37	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	674	1340	5	EPA 8270D	07/29/2014 17:00	07/30/2014 12:37	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	337	1340	5	EPA 8270D	07/29/2014 17:00	07/30/2014 12:37	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	337	1340	5	EPA 8270D	07/29/2014 17:00	07/30/2014 12:37	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*24.6 %*	*10-105*
4165-62-2	*Surrogate: Phenol-d5*	*52.0 %*	*10-118*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*18.5 %*	*10-140*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*62.9 %*	*10-126*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*40.0 %*	*10-150*
1718-51-0	*Surrogate: Terphenyl-d14*	*77.5 %*	*10-137*

Pesticides/PCBs, EPA TCL List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	89.3	89.3	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 17:40	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.82	8.82	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 17:40	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 17:40	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 17:40	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 17:40	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 17:40	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 17:40	JW
72-20-8	Endrin	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 17:40	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 17:40	JW
33213-65-9	* Endosulfan II	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 17:40	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 17:40	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 17:40	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 17:40	JW
57-74-9	**Chlordane, total**	**32.1**		ug/kg dry	7.06	7.06	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 17:40	JW

Sample Information

Client Sample ID: **SP-1(0-2)** **York Sample ID:** **14G1014-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Pesticides/PCBs, EPA TCL List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-85-7	beta-BHC	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 17:40	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 17:40	JW
309-00-2	Aldrin	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 17:40	JW
50-29-3	**4,4'-DDT**	**2.05**		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 17:40	JW
72-55-9	**4,4'-DDE**	**7.60**		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 17:40	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 17:40	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	18.2	18.2	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 19:39	AMC
11097-69-1	Aroclor 1254	ND		ug/kg dry	18.2	18.2	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 19:39	AMC
12672-29-6	Aroclor 1248	ND		ug/kg dry	18.2	18.2	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 19:39	AMC
53469-21-9	Aroclor 1242	ND		ug/kg dry	18.2	18.2	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 19:39	AMC
11141-16-5	Aroclor 1232	ND		ug/kg dry	18.2	18.2	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 19:39	AMC
11104-28-2	Aroclor 1221	ND		ug/kg dry	18.2	18.2	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 19:39	AMC
12674-11-2	Aroclor 1016	ND		ug/kg dry	18.2	18.2	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 19:39	AMC
1336-36-3	* Total PCBs	ND		ug/kg dry	7.27	18.2	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 19:39	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*55.9 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*80.6 %*	*30-140*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**4660**		mg/kg dry	1.07	1.07	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:39	MW
7440-36-0	**Antimony**	**0.638**		mg/kg dry	0.535	0.535	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:39	MW
7440-38-2	**Arsenic**	**1.76**		mg/kg dry	1.07	1.07	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:39	MW
7440-39-3	**Barium**	**51.4**		mg/kg dry	1.07	1.07	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:39	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.107	0.107	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:39	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.321	0.321	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:39	MW
7440-70-2	**Calcium**	**4380**		mg/kg dry	0.535	5.35	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:39	MW
7440-47-3	**Chromium**	**10.1**		mg/kg dry	0.535	0.535	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:39	MW
7440-48-4	**Cobalt**	**3.80**		mg/kg dry	0.535	0.535	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:39	MW
7440-50-8	**Copper**	**19.3**		mg/kg dry	0.535	0.535	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:39	MW
7439-89-6	**Iron**	**8670**		mg/kg dry	2.14	2.14	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:39	MW
7439-92-1	**Lead**	**108**		mg/kg dry	0.321	0.321	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:39	MW
7439-95-4	**Magnesium**	**1710**		mg/kg dry	5.35	5.35	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:39	MW
7439-96-5	**Manganese**	**191**		mg/kg dry	0.535	0.535	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:39	MW
7440-02-0	**Nickel**	**7.34**		mg/kg dry	0.535	0.535	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:39	MW
7440-09-7	**Potassium**	**410**		mg/kg dry	5.35	5.35	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:39	MW
7782-49-2	**Selenium**	**1.53**		mg/kg dry	1.07	1.07	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:39	MW

Sample Information

Client Sample ID: **SP-1(0-2)** **York Sample ID:** **14G1014-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	**Silver**	**10.7**		mg/kg dry	0.535	0.535	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:39	MW
7440-23-5	**Sodium**	**316**		mg/kg dry	10.7	10.7	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:39	MW
7440-28-0	Thallium	ND		mg/kg dry	1.07	1.07	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:39	MW
7440-62-2	**Vanadium**	**16.4**		mg/kg dry	1.07	1.07	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:39	MW
7440-66-6	**Zinc**	**55.6**		mg/kg dry	1.07	1.07	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:39	MW

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0825**		mg/kg dry	0.0321	0.0321	1	EPA 7473	07/30/2014 06:19	07/30/2014 11:23	ALD

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.5**		%	0.100	0.100	1	SM 2540G	07/30/2014 10:43	07/30/2014 13:28	ALD

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.535	0.535	1	EPA 9014/9010C	07/31/2014 10:23	07/31/2014 15:12	AD

Sample Information

Client Sample ID: **SP-1(10-12)** **York Sample ID:** **14G1014-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Volatile Organics, 8260 - TCL/SOM

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	**Acetone**	**11**	J, B	ug/kg dry	4.1	16	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:19	SS
71-43-2	Benzene	ND		ug/kg dry	4.1	8.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:19	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	4.1	8.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:19	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	4.1	8.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:19	SS

Sample Information

Client Sample ID: **SP-1(10-12)** **York Sample ID:** **14G1014-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Volatile Organics, 8260 - TCL/SOM **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-25-2	Bromoform	ND		ug/kg dry	4.1	8.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:19	SS
74-83-9	Bromomethane	ND		ug/kg dry	4.1	8.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:19	SS
78-93-3	2-Butanone	ND		ug/kg dry	4.1	8.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:19	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	4.1	8.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:19	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	4.1	8.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:19	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	4.1	8.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:19	SS
75-00-3	Chloroethane	ND		ug/kg dry	4.1	8.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:19	SS
67-66-3	Chloroform	ND		ug/kg dry	4.1	8.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:19	SS
74-87-3	Chloromethane	ND		ug/kg dry	4.1	8.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:19	SS
110-82-7	Cyclohexane	ND		ug/kg dry	4.1	8.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:19	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	4.1	8.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:19	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	4.1	8.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:19	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	4.1	8.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:19	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	4.1	8.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:19	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	4.1	8.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:19	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	4.1	8.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:19	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	4.1	8.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:19	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	4.1	8.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:19	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	4.1	8.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:19	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	4.1	8.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:19	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	4.1	8.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:19	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	4.1	8.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:19	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	4.1	8.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:19	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	4.1	8.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:19	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	4.1	8.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:19	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	82	160	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:19	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	4.1	8.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:19	SS
591-78-6	2-Hexanone	ND		ug/kg dry	4.1	8.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:19	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	4.1	8.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:19	SS
79-20-9	Methyl acetate	ND		ug/kg dry	4.1	8.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:19	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	4.1	8.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:19	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	4.1	8.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:19	SS
75-09-2	**Methylene chloride**	**5.6**	J	ug/kg dry	4.1	16	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:19	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	4.1	8.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:19	SS
100-42-5	Styrene	ND		ug/kg dry	4.1	8.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:19	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	4.1	8.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:19	SS
127-18-4	**Tetrachloroethylene**	**9.5**		ug/kg dry	4.1	8.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:19	SS
108-88-3	Toluene	ND		ug/kg dry	4.1	8.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:19	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	4.1	8.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:19	SS

Sample Information

Client Sample ID: **SP-1(10-12)** **York Sample ID:** **14G1014-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Volatile Organics, 8260 - TCL/SOM

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	4.1	8.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:19	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	4.1	8.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:19	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	4.1	8.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:19	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	4.1	8.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:19	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	4.1	8.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:19	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	4.1	8.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:19	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	4.1	8.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:19	SS
95-47-6	o-Xylene	ND		ug/kg dry	4.1	8.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:19	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	8.2	16	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:19	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	12	25	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:19	SS

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*103 %*	*75-127*
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*98.4 %*	*67-130*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*90-112*

Semi-Volatiles, 8270 - TCL/SOM

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

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	765	3040	10	EPA 8270D	07/29/2014 17:00	07/30/2014 15:44	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	765	3040	10	EPA 8270D	07/29/2014 17:00	07/30/2014 15:44	SR
98-86-2	Acetophenone	ND		ug/kg dry	765	3040	10	EPA 8270D	07/29/2014 17:00	07/30/2014 15:44	SR
120-12-7	**Anthracene**	**1680**	J	ug/kg dry	765	3040	10	EPA 8270D	07/29/2014 17:00	07/30/2014 15:44	SR
1912-24-9	Atrazine	ND		ug/kg dry	765	3040	10	EPA 8270D	07/29/2014 17:00	07/30/2014 15:44	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	765	3040	10	EPA 8270D	07/29/2014 17:00	07/30/2014 15:44	SR
56-55-3	**Benzo(a)anthracene**	**4760**		ug/kg dry	765	3040	10	EPA 8270D	07/29/2014 17:00	07/30/2014 15:44	SR
50-32-8	**Benzo(a)pyrene**	**2770**	J	ug/kg dry	765	3040	10	EPA 8270D	07/29/2014 17:00	07/30/2014 15:44	SR
205-99-2	**Benzo(b)fluoranthene**	**2710**	J	ug/kg dry	765	3040	10	EPA 8270D	07/29/2014 17:00	07/30/2014 15:44	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	1530	3040	10	EPA 8270D	07/29/2014 17:00	07/30/2014 15:44	SR
207-08-9	**Benzo(k)fluoranthene**	**2330**	J	ug/kg dry	765	3040	10	EPA 8270D	07/29/2014 17:00	07/30/2014 15:44	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	765	3040	10	EPA 8270D	07/29/2014 17:00	07/30/2014 15:44	SR
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	765	3040	10	EPA 8270D	07/29/2014 17:00	07/30/2014 15:44	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	765	3040	10	EPA 8270D	07/29/2014 17:00	07/30/2014 15:44	SR
105-60-2	Caprolactam	ND		ug/kg dry	765	3040	10	EPA 8270D	07/29/2014 17:00	07/30/2014 15:44	SR
86-74-8	Carbazole	ND		ug/kg dry	765	3040	10	EPA 8270D	07/29/2014 17:00	07/30/2014 15:44	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	1530	3040	10	EPA 8270D	07/29/2014 17:00	07/30/2014 15:44	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	1530	3040	10	EPA 8270D	07/29/2014 17:00	07/30/2014 15:44	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	765	3040	10	EPA 8270D	07/29/2014 17:00	07/30/2014 15:44	SR

Sample Information

Client Sample ID: **SP-1(10-12)** **York Sample ID:** **14G1014-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Semi-Volatiles, 8270 - TCL/SOM **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	765	3040	10	EPA 8270D	07/29/2014 17:00	07/30/2014 15:44	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	765	3040	10	EPA 8270D	07/29/2014 17:00	07/30/2014 15:44	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	765	3040	10	EPA 8270D	07/29/2014 17:00	07/30/2014 15:44	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	765	3040	10	EPA 8270D	07/29/2014 17:00	07/30/2014 15:44	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	765	3040	10	EPA 8270D	07/29/2014 17:00	07/30/2014 15:44	SR
218-01-9	**Chrysene**	**4290**		ug/kg dry	765	3040	10	EPA 8270D	07/29/2014 17:00	07/30/2014 15:44	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	765	3040	10	EPA 8270D	07/29/2014 17:00	07/30/2014 15:44	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	765	3040	10	EPA 8270D	07/29/2014 17:00	07/30/2014 15:44	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	765	3040	10	EPA 8270D	07/29/2014 17:00	07/30/2014 15:44	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	3040	6070	10	EPA 8270D	07/29/2014 17:00	07/30/2014 15:44	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	1530	3040	10	EPA 8270D	07/29/2014 17:00	07/30/2014 15:44	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	765	3040	10	EPA 8270D	07/29/2014 17:00	07/30/2014 15:44	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	765	3040	10	EPA 8270D	07/29/2014 17:00	07/30/2014 15:44	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	765	3040	10	EPA 8270D	07/29/2014 17:00	07/30/2014 15:44	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	1530	3040	10	EPA 8270D	07/29/2014 17:00	07/30/2014 15:44	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	3040	6070	10	EPA 8270D	07/29/2014 17:00	07/30/2014 15:44	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	1530	3040	10	EPA 8270D	07/29/2014 17:00	07/30/2014 15:44	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	765	3040	10	EPA 8270D	07/29/2014 17:00	07/30/2014 15:44	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	765	3040	10	EPA 8270D	07/29/2014 17:00	07/30/2014 15:44	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	765	3040	10	EPA 8270D	07/29/2014 17:00	07/30/2014 15:44	SR
206-44-0	**Fluoranthene**	**8730**		ug/kg dry	765	3040	10	EPA 8270D	07/29/2014 17:00	07/30/2014 15:44	SR
86-73-7	Fluorene	ND		ug/kg dry	765	3040	10	EPA 8270D	07/29/2014 17:00	07/30/2014 15:44	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	765	3040	10	EPA 8270D	07/29/2014 17:00	07/30/2014 15:44	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	765	3040	10	EPA 8270D	07/29/2014 17:00	07/30/2014 15:44	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	1530	3040	10	EPA 8270D	07/29/2014 17:00	07/30/2014 15:44	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	765	3040	10	EPA 8270D	07/29/2014 17:00	07/30/2014 15:44	SR
193-39-5	**Indeno(1,2,3-cd)pyrene**	**1290**	J	ug/kg dry	765	3040	10	EPA 8270D	07/29/2014 17:00	07/30/2014 15:44	SR
78-59-1	Isophorone	ND		ug/kg dry	765	3040	10	EPA 8270D	07/29/2014 17:00	07/30/2014 15:44	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	765	3040	10	EPA 8270D	07/29/2014 17:00	07/30/2014 15:44	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	1530	3040	10	EPA 8270D	07/29/2014 17:00	07/30/2014 15:44	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	1530	3040	10	EPA 8270D	07/29/2014 17:00	07/30/2014 15:44	SR
91-20-3	Naphthalene	ND		ug/kg dry	765	3040	10	EPA 8270D	07/29/2014 17:00	07/30/2014 15:44	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	1530	3040	10	EPA 8270D	07/29/2014 17:00	07/30/2014 15:44	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	765	3040	10	EPA 8270D	07/29/2014 17:00	07/30/2014 15:44	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	1530	3040	10	EPA 8270D	07/29/2014 17:00	07/30/2014 15:44	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	765	3040	10	EPA 8270D	07/29/2014 17:00	07/30/2014 15:44	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	765	3040	10	EPA 8270D	07/29/2014 17:00	07/30/2014 15:44	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	1530	3040	10	EPA 8270D	07/29/2014 17:00	07/30/2014 15:44	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	765	3040	10	EPA 8270D	07/29/2014 17:00	07/30/2014 15:44	SR

Sample Information

Client Sample ID: SP-1(10-12) **York Sample ID:** 14G1014-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Semi-Volatiles, 8270 - TCL/SOM

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

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	765	3040	10	EPA 8270D	07/29/2014 17:00	07/30/2014 15:44	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	1530	3040	10	EPA 8270D	07/29/2014 17:00	07/30/2014 15:44	SR
85-01-8	**Phenanthrene**	**6410**		ug/kg dry	765	3040	10	EPA 8270D	07/29/2014 17:00	07/30/2014 15:44	SR
108-95-2	Phenol	ND		ug/kg dry	765	3040	10	EPA 8270D	07/29/2014 17:00	07/30/2014 15:44	SR
129-00-0	**Pyrene**	**7290**		ug/kg dry	765	3040	10	EPA 8270D	07/29/2014 17:00	07/30/2014 15:44	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	1530	3040	10	EPA 8270D	07/29/2014 17:00	07/30/2014 15:44	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	765	3040	10	EPA 8270D	07/29/2014 17:00	07/30/2014 15:44	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	765	3040	10	EPA 8270D	07/29/2014 17:00	07/30/2014 15:44	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*35.5 %*	*10-105*
4165-62-2	*Surrogate: Phenol-d5*	*47.5 %*	*10-118*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*30.5 %*	*10-140*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*54.6 %*	*10-126*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*56.4 %*	*10-150*
1718-51-0	*Surrogate: Terphenyl-d14*	*62.3 %*	*10-137*

Pesticides/PCBs, EPA TCL List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	101	101	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 11:45	JW
72-43-5	Methoxychlor	ND		ug/kg dry	10.0	10.0	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 11:45	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.00	2.00	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 11:45	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.00	2.00	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 11:45	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.00	2.00	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 11:45	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	2.00	2.00	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 11:45	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.00	2.00	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 11:45	JW
72-20-8	Endrin	ND		ug/kg dry	2.00	2.00	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 11:45	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.00	2.00	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 11:45	JW
33213-65-9	* Endosulfan II	ND		ug/kg dry	2.00	2.00	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 11:45	JW
959-98-8	Endosulfan I	ND		ug/kg dry	2.00	2.00	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 11:45	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.00	2.00	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 11:45	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.00	2.00	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 11:45	JW
57-74-9	Chlordane, total	ND		ug/kg dry	8.01	8.01	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 11:45	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.00	2.00	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 11:45	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.00	2.00	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 11:45	JW
309-00-2	Aldrin	ND		ug/kg dry	2.00	2.00	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 11:45	JW
50-29-3	**4,4'-DDT**	**11.5**		ug/kg dry	2.00	2.00	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 11:45	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.00	2.00	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 11:45	JW

Sample Information

Client Sample ID: **SP-1(10-12)** **York Sample ID:** **14G1014-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Pesticides/PCBs, EPA TCL List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.00	2.00	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 11:45	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	20.6	20.6	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 20:08	AMC
11097-69-1	Aroclor 1254	ND		ug/kg dry	20.6	20.6	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 20:08	AMC
12672-29-6	Aroclor 1248	ND		ug/kg dry	20.6	20.6	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 20:08	AMC
53469-21-9	Aroclor 1242	ND		ug/kg dry	20.6	20.6	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 20:08	AMC
11141-16-5	Aroclor 1232	ND		ug/kg dry	20.6	20.6	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 20:08	AMC
11104-28-2	Aroclor 1221	ND		ug/kg dry	20.6	20.6	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 20:08	AMC
12674-11-2	Aroclor 1016	ND		ug/kg dry	20.6	20.6	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 20:08	AMC
1336-36-3	* Total PCBs	ND		ug/kg dry	8.26	20.6	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 20:08	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*41.6 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*43.8 %*	*30-140*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7800**		mg/kg dry	1.21	1.21	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:43	MW
7440-36-0	Antimony	ND		mg/kg dry	0.607	0.607	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:43	MW
7440-38-2	**Arsenic**	**4.85**		mg/kg dry	1.21	1.21	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:43	MW
7440-39-3	**Barium**	**96.3**		mg/kg dry	1.21	1.21	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:43	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.121	0.121	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:43	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.364	0.364	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:43	MW
7440-70-2	**Calcium**	**8650**		mg/kg dry	0.607	6.07	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:43	MW
7440-47-3	**Chromium**	**13.0**		mg/kg dry	0.607	0.607	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:43	MW
7440-48-4	**Cobalt**	**7.74**		mg/kg dry	0.607	0.607	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:43	MW
7440-50-8	**Copper**	**24.8**		mg/kg dry	0.607	0.607	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:43	MW
7439-89-6	**Iron**	**18400**		mg/kg dry	2.43	2.43	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:43	MW
7439-92-1	**Lead**	**105**		mg/kg dry	0.364	0.364	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:43	MW
7439-95-4	**Magnesium**	**3130**		mg/kg dry	6.07	6.07	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:43	MW
7439-96-5	**Manganese**	**495**		mg/kg dry	0.607	0.607	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:43	MW
7440-02-0	**Nickel**	**13.2**		mg/kg dry	0.607	0.607	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:43	MW
7440-09-7	**Potassium**	**882**		mg/kg dry	6.07	6.07	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:43	MW
7782-49-2	**Selenium**	**3.26**		mg/kg dry	1.21	1.21	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:43	MW
7440-22-4	Silver	ND		mg/kg dry	0.607	0.607	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:43	MW
7440-23-5	**Sodium**	**363**		mg/kg dry	12.1	12.1	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:43	MW
7440-28-0	Thallium	ND		mg/kg dry	1.21	1.21	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:43	MW
7440-62-2	**Vanadium**	**23.9**		mg/kg dry	1.21	1.21	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:43	MW
7440-66-6	**Zinc**	**62.9**		mg/kg dry	1.21	1.21	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:43	MW

Sample Information

Client Sample ID: **SP-1(10-12)** **York Sample ID:** **14G1014-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.156**		mg/kg dry	0.0364	0.0364	1	EPA 7473	07/30/2014 06:19	07/30/2014 11:34	ALD

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**82.4**		%	0.100	0.100	1	SM 2540G	07/30/2014 10:43	07/30/2014 13:28	ALD

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.607	0.607	1	EPA 9014/9010C	07/31/2014 10:23	07/31/2014 15:12	AD

Sample Information

Client Sample ID: **SP-2 (0-2)** **York Sample ID:** **14G1014-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Volatile Organics, 8260 - TCL/SOM

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		ug/kg dry	1.8	7.0	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:48	SS
71-43-2	Benzene	ND		ug/kg dry	1.8	3.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:48	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	1.8	3.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:48	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.8	3.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:48	SS
75-25-2	Bromoform	ND		ug/kg dry	1.8	3.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:48	SS
74-83-9	Bromomethane	ND		ug/kg dry	1.8	3.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:48	SS
78-93-3	2-Butanone	ND		ug/kg dry	1.8	3.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:48	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	1.8	3.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:48	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.8	3.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:48	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	1.8	3.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:48	SS
75-00-3	Chloroethane	ND		ug/kg dry	1.8	3.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:48	SS
67-66-3	Chloroform	ND		ug/kg dry	1.8	3.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:48	SS

Sample Information

Client Sample ID: SP-2 (0-2) **York Sample ID:** 14G1014-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Volatile Organics, 8260 - TCL/SOM **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/kg dry	1.8	3.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:48	SS
110-82-7	Cyclohexane	ND		ug/kg dry	1.8	3.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:48	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.8	3.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:48	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.8	3.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:48	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.8	3.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:48	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.8	3.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:48	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.8	3.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:48	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.8	3.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:48	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.8	3.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:48	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.8	3.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:48	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.8	3.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:48	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.8	3.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:48	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.8	3.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:48	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.8	3.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:48	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.8	3.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:48	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.8	3.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:48	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.8	3.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:48	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	35	70	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:48	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.8	3.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:48	SS
591-78-6	2-Hexanone	ND		ug/kg dry	1.8	3.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:48	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.8	3.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:48	SS
79-20-9	Methyl acetate	ND		ug/kg dry	1.8	3.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:48	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.8	3.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:48	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	1.8	3.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:48	SS
75-09-2	Methylene chloride	ND		ug/kg dry	1.8	7.0	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:48	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	1.8	3.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:48	SS
100-42-5	Styrene	ND		ug/kg dry	1.8	3.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:48	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.8	3.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:48	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.8	3.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:48	SS
108-88-3	Toluene	ND		ug/kg dry	1.8	3.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:48	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.8	3.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:48	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.8	3.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:48	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.8	3.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:48	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.8	3.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:48	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.8	3.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:48	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.8	3.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:48	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.8	3.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:48	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.8	3.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:48	SS

Sample Information

Client Sample ID: SP-2 (0-2) **York Sample ID:** 14G1014-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Volatile Organics, 8260 - TCL/SOM

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	o-Xylene	ND		ug/kg dry	1.8	3.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:48	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:48	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	5.3	11	1	EPA 8260C	07/29/2014 16:35	07/30/2014 06:48	SS

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*106 %*	*75-127*
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*101 %*	*67-130*
2037-26-5	*Surrogate: Toluene-d8*	*103 %*	*90-112*

Semi-Volatiles, 8270 - TCL/SOM

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

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**2520**	J	ug/kg dry	1370	5440	20	EPA 8270D	07/29/2014 17:00	07/30/2014 17:15	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	1370	5440	20	EPA 8270D	07/29/2014 17:00	07/30/2014 17:15	SR
98-86-2	Acetophenone	ND		ug/kg dry	1370	5440	20	EPA 8270D	07/29/2014 17:00	07/30/2014 17:15	SR
120-12-7	**Anthracene**	**5800**		ug/kg dry	1370	5440	20	EPA 8270D	07/29/2014 17:00	07/30/2014 17:15	SR
1912-24-9	Atrazine	ND		ug/kg dry	1370	5440	20	EPA 8270D	07/29/2014 17:00	07/30/2014 17:15	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	1370	5440	20	EPA 8270D	07/29/2014 17:00	07/30/2014 17:15	SR
56-55-3	**Benzo(a)anthracene**	**12200**		ug/kg dry	1370	5440	20	EPA 8270D	07/29/2014 17:00	07/30/2014 17:15	SR
50-32-8	**Benzo(a)pyrene**	**5840**		ug/kg dry	1370	5440	20	EPA 8270D	07/29/2014 17:00	07/30/2014 17:15	SR
205-99-2	**Benzo(b)fluoranthene**	**6390**		ug/kg dry	1370	5440	20	EPA 8270D	07/29/2014 17:00	07/30/2014 17:15	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	2740	5440	20	EPA 8270D	07/29/2014 17:00	07/30/2014 17:15	SR
207-08-9	**Benzo(k)fluoranthene**	**5180**	J	ug/kg dry	1370	5440	20	EPA 8270D	07/29/2014 17:00	07/30/2014 17:15	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	1370	5440	20	EPA 8270D	07/29/2014 17:00	07/30/2014 17:15	SR
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	1370	5440	20	EPA 8270D	07/29/2014 17:00	07/30/2014 17:15	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	1370	5440	20	EPA 8270D	07/29/2014 17:00	07/30/2014 17:15	SR
105-60-2	Caprolactam	ND		ug/kg dry	1370	5440	20	EPA 8270D	07/29/2014 17:00	07/30/2014 17:15	SR
86-74-8	**Carbazole**	**1460**	J	ug/kg dry	1370	5440	20	EPA 8270D	07/29/2014 17:00	07/30/2014 17:15	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	2740	5440	20	EPA 8270D	07/29/2014 17:00	07/30/2014 17:15	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	2740	5440	20	EPA 8270D	07/29/2014 17:00	07/30/2014 17:15	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	1370	5440	20	EPA 8270D	07/29/2014 17:00	07/30/2014 17:15	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	1370	5440	20	EPA 8270D	07/29/2014 17:00	07/30/2014 17:15	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	1370	5440	20	EPA 8270D	07/29/2014 17:00	07/30/2014 17:15	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	1370	5440	20	EPA 8270D	07/29/2014 17:00	07/30/2014 17:15	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	1370	5440	20	EPA 8270D	07/29/2014 17:00	07/30/2014 17:15	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	1370	5440	20	EPA 8270D	07/29/2014 17:00	07/30/2014 17:15	SR
218-01-9	**Chrysene**	**10500**		ug/kg dry	1370	5440	20	EPA 8270D	07/29/2014 17:00	07/30/2014 17:15	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	1370	5440	20	EPA 8270D	07/29/2014 17:00	07/30/2014 17:15	SR
132-64-9	**Dibenzofuran**	**1500**	J	ug/kg dry	1370	5440	20	EPA 8270D	07/29/2014 17:00	07/30/2014 17:15	SR

Sample Information

Client Sample ID: SP-2 (0-2) **York Sample ID:** 14G1014-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Semi-Volatiles, 8270 - TCL/SOM **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	1370	5440	20	EPA 8270D	07/29/2014 17:00	07/30/2014 17:15	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	5450	10900	20	EPA 8270D	07/29/2014 17:00	07/30/2014 17:15	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	2740	5440	20	EPA 8270D	07/29/2014 17:00	07/30/2014 17:15	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	1370	5440	20	EPA 8270D	07/29/2014 17:00	07/30/2014 17:15	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	1370	5440	20	EPA 8270D	07/29/2014 17:00	07/30/2014 17:15	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	1370	5440	20	EPA 8270D	07/29/2014 17:00	07/30/2014 17:15	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	2740	5440	20	EPA 8270D	07/29/2014 17:00	07/30/2014 17:15	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	5450	10900	20	EPA 8270D	07/29/2014 17:00	07/30/2014 17:15	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	2740	5440	20	EPA 8270D	07/29/2014 17:00	07/30/2014 17:15	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	1370	5440	20	EPA 8270D	07/29/2014 17:00	07/30/2014 17:15	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	1370	5440	20	EPA 8270D	07/29/2014 17:00	07/30/2014 17:15	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	1370	5440	20	EPA 8270D	07/29/2014 17:00	07/30/2014 17:15	SR
206-44-0	**Fluoranthene**	**24500**		ug/kg dry	1370	5440	20	EPA 8270D	07/29/2014 17:00	07/30/2014 17:15	SR
86-73-7	**Fluorene**	**2180**	J	ug/kg dry	1370	5440	20	EPA 8270D	07/29/2014 17:00	07/30/2014 17:15	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	1370	5440	20	EPA 8270D	07/29/2014 17:00	07/30/2014 17:15	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1370	5440	20	EPA 8270D	07/29/2014 17:00	07/30/2014 17:15	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	2740	5440	20	EPA 8270D	07/29/2014 17:00	07/30/2014 17:15	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	1370	5440	20	EPA 8270D	07/29/2014 17:00	07/30/2014 17:15	SR
193-39-5	**Indeno(1,2,3-cd)pyrene**	**2500**	J	ug/kg dry	1370	5440	20	EPA 8270D	07/29/2014 17:00	07/30/2014 17:15	SR
78-59-1	Isophorone	ND		ug/kg dry	1370	5440	20	EPA 8270D	07/29/2014 17:00	07/30/2014 17:15	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	1370	5440	20	EPA 8270D	07/29/2014 17:00	07/30/2014 17:15	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	2740	5440	20	EPA 8270D	07/29/2014 17:00	07/30/2014 17:15	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	2740	5440	20	EPA 8270D	07/29/2014 17:00	07/30/2014 17:15	SR
91-20-3	Naphthalene	ND		ug/kg dry	1370	5440	20	EPA 8270D	07/29/2014 17:00	07/30/2014 17:15	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	2740	5440	20	EPA 8270D	07/29/2014 17:00	07/30/2014 17:15	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	1370	5440	20	EPA 8270D	07/29/2014 17:00	07/30/2014 17:15	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	2740	5440	20	EPA 8270D	07/29/2014 17:00	07/30/2014 17:15	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	1370	5440	20	EPA 8270D	07/29/2014 17:00	07/30/2014 17:15	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	1370	5440	20	EPA 8270D	07/29/2014 17:00	07/30/2014 17:15	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	2740	5440	20	EPA 8270D	07/29/2014 17:00	07/30/2014 17:15	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	1370	5440	20	EPA 8270D	07/29/2014 17:00	07/30/2014 17:15	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	1370	5440	20	EPA 8270D	07/29/2014 17:00	07/30/2014 17:15	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	2740	5440	20	EPA 8270D	07/29/2014 17:00	07/30/2014 17:15	SR
85-01-8	**Phenanthrene**	**21000**		ug/kg dry	1370	5440	20	EPA 8270D	07/29/2014 17:00	07/30/2014 17:15	SR
108-95-2	Phenol	ND		ug/kg dry	1370	5440	20	EPA 8270D	07/29/2014 17:00	07/30/2014 17:15	SR
129-00-0	**Pyrene**	**21600**		ug/kg dry	1370	5440	20	EPA 8270D	07/29/2014 17:00	07/30/2014 17:15	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	2740	5440	20	EPA 8270D	07/29/2014 17:00	07/30/2014 17:15	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	1370	5440	20	EPA 8270D	07/29/2014 17:00	07/30/2014 17:15	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	1370	5440	20	EPA 8270D	07/29/2014 17:00	07/30/2014 17:15	SR

Sample Information

Client Sample ID: **SP-2 (0-2)** **York Sample ID:** **14G1014-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Semi-Volatiles, 8270 - TCL/SOM

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

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**							
367-12-4	*Surrogate: 2-Fluorophenol*	*27.2 %*			*10-105*						
4165-62-2	*Surrogate: Phenol-d5*	*42.7 %*			*10-118*						
4165-60-0	*Surrogate: Nitrobenzene-d5*	*23.6 %*			*10-140*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*55.2 %*			*10-126*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*52.3 %*			*10-150*						
1718-51-0	*Surrogate: Terphenyl-d14*	*69.2 %*			*10-137*						

Pesticides/PCBs, EPA TCL List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	90.9	90.9	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:01	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.98	8.98	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:01	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.80	1.80	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:01	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.80	1.80	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:01	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.80	1.80	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:01	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.80	1.80	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:01	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.80	1.80	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:01	JW
72-20-8	Endrin	ND		ug/kg dry	1.80	1.80	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:01	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.80	1.80	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:01	JW
33213-65-9	* Endosulfan II	ND		ug/kg dry	1.80	1.80	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:01	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.80	1.80	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:01	JW
60-57-1	**Dieldrin**	**2.23**		ug/kg dry	1.80	1.80	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:01	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.80	1.80	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:01	JW
57-74-9	**Chlordane, total**	**18.1**		ug/kg dry	7.18	7.18	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:01	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.80	1.80	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:01	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.80	1.80	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:01	JW
309-00-2	Aldrin	ND		ug/kg dry	1.80	1.80	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:01	JW
50-29-3	**4,4'-DDT**	**5.50**		ug/kg dry	1.80	1.80	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:01	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.80	1.80	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:01	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.80	1.80	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:01	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	18.5	18.5	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 20:37	AMC
11097-69-1	Aroclor 1254	ND		ug/kg dry	18.5	18.5	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 20:37	AMC
12672-29-6	Aroclor 1248	ND		ug/kg dry	18.5	18.5	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 20:37	AMC
53469-21-9	Aroclor 1242	ND		ug/kg dry	18.5	18.5	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 20:37	AMC
11141-16-5	Aroclor 1232	ND		ug/kg dry	18.5	18.5	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 20:37	AMC
11104-28-2	Aroclor 1221	ND		ug/kg dry	18.5	18.5	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 20:37	AMC
12674-11-2	Aroclor 1016	ND		ug/kg dry	18.5	18.5	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 20:37	AMC

Sample Information

Client Sample ID: **SP-2 (0-2)** **York Sample ID:** **14G1014-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Pesticides/PCBs, EPA TCL List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1336-36-3	* Total PCBs	ND		ug/kg dry	7.40	18.5	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 20:37	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*58.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*73.8 %*	*30-140*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6230**		mg/kg dry	1.09	1.09	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:48	MW
7440-36-0	**Antimony**	**0.861**		mg/kg dry	0.544	0.544	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:48	MW
7440-38-2	**Arsenic**	**3.38**		mg/kg dry	1.09	1.09	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:48	MW
7440-39-3	**Barium**	**63.6**		mg/kg dry	1.09	1.09	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:48	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.109	0.109	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:48	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.326	0.326	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:48	MW
7440-70-2	**Calcium**	**19700**		mg/kg dry	0.544	5.44	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:48	MW
7440-47-3	**Chromium**	**12.8**		mg/kg dry	0.544	0.544	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:48	MW
7440-48-4	**Cobalt**	**4.26**		mg/kg dry	0.544	0.544	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:48	MW
7440-50-8	**Copper**	**24.2**		mg/kg dry	0.544	0.544	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:48	MW
7439-89-6	**Iron**	**10500**		mg/kg dry	2.18	2.18	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:48	MW
7439-92-1	**Lead**	**103**		mg/kg dry	0.326	0.326	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:48	MW
7439-95-4	**Magnesium**	**3370**		mg/kg dry	5.44	5.44	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:48	MW
7439-96-5	**Manganese**	**253**		mg/kg dry	0.544	0.544	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:48	MW
7440-02-0	**Nickel**	**10.5**		mg/kg dry	0.544	0.544	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:48	MW
7440-09-7	**Potassium**	**649**		mg/kg dry	5.44	5.44	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:48	MW
7782-49-2	**Selenium**	**1.67**		mg/kg dry	1.09	1.09	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:48	MW
7440-22-4	Silver	ND		mg/kg dry	0.544	0.544	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:48	MW
7440-23-5	**Sodium**	**331**		mg/kg dry	10.9	10.9	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:48	MW
7440-28-0	Thallium	ND		mg/kg dry	1.09	1.09	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:48	MW
7440-62-2	**Vanadium**	**18.2**		mg/kg dry	1.09	1.09	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:48	MW
7440-66-6	**Zinc**	**74.1**		mg/kg dry	1.09	1.09	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:48	MW

Sample Information

Client Sample ID: **SP-2 (0-2)** **York Sample ID:** **14G1014-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.171**		mg/kg dry	0.0326	0.0326	1	EPA 7473	07/30/2014 06:19	07/30/2014 11:45	ALD

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.9**		%	0.100	0.100	1	SM 2540G	07/30/2014 10:43	07/30/2014 13:28	ALD

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.544	0.544	1	EPA 9014/9010C	07/31/2014 10:23	07/31/2014 15:12	AD

Sample Information

Client Sample ID: **SP-2 (10-12)** **York Sample ID:** **14G1014-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Volatile Organics, 8260 - TCL/SOM

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	**Acetone**	**6.5**	B, J	ug/kg dry	2.8	11	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:17	SS
71-43-2	Benzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:17	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:17	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:17	SS
75-25-2	Bromoform	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:17	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:17	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:17	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:17	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:17	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:17	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:17	SS
67-66-3	Chloroform	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:17	SS

Sample Information

Client Sample ID: **SP-2 (10-12)** **York Sample ID:** **14G1014-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Volatile Organics, 8260 - TCL/SOM **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:17	SS
110-82-7	Cyclohexane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:17	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:17	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:17	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:17	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:17	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:17	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:17	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:17	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:17	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:17	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:17	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:17	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:17	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:17	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:17	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:17	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	57	110	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:17	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:17	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:17	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:17	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:17	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:17	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:17	SS
75-09-2	**Methylene chloride**	**3.6**	J	ug/kg dry	2.8	11	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:17	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:17	SS
100-42-5	Styrene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:17	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:17	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:17	SS
108-88-3	Toluene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:17	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:17	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:17	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:17	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:17	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:17	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:17	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:17	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:17	SS

Sample Information

Client Sample ID: SP-2 (10-12) **York Sample ID:** 14G1014-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Volatile Organics, 8260 - TCL/SOM

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	o-Xylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:17	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.7	11	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:17	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.5	17	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:17	SS

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.5 %*	*75-127*
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*98.5 %*	*67-130*
2037-26-5	*Surrogate: Toluene-d8*	*105 %*	*90-112*

Semi-Volatiles, 8270 - TCL/SOM

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

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	69.3	275	1	EPA 8270D	07/29/2014 17:00	07/30/2014 09:34	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	69.3	275	1	EPA 8270D	07/29/2014 17:00	07/30/2014 09:34	SR
98-86-2	Acetophenone	ND		ug/kg dry	69.3	275	1	EPA 8270D	07/29/2014 17:00	07/30/2014 09:34	SR
120-12-7	Anthracene	ND		ug/kg dry	69.3	275	1	EPA 8270D	07/29/2014 17:00	07/30/2014 09:34	SR
1912-24-9	Atrazine	ND		ug/kg dry	69.3	275	1	EPA 8270D	07/29/2014 17:00	07/30/2014 09:34	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	69.3	275	1	EPA 8270D	07/29/2014 17:00	07/30/2014 09:34	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	69.3	275	1	EPA 8270D	07/29/2014 17:00	07/30/2014 09:34	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	69.3	275	1	EPA 8270D	07/29/2014 17:00	07/30/2014 09:34	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	69.3	275	1	EPA 8270D	07/29/2014 17:00	07/30/2014 09:34	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	139	275	1	EPA 8270D	07/29/2014 17:00	07/30/2014 09:34	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	69.3	275	1	EPA 8270D	07/29/2014 17:00	07/30/2014 09:34	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	69.3	275	1	EPA 8270D	07/29/2014 17:00	07/30/2014 09:34	SR
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	69.3	275	1	EPA 8270D	07/29/2014 17:00	07/30/2014 09:34	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	69.3	275	1	EPA 8270D	07/29/2014 17:00	07/30/2014 09:34	SR
105-60-2	Caprolactam	ND		ug/kg dry	69.3	275	1	EPA 8270D	07/29/2014 17:00	07/30/2014 09:34	SR
86-74-8	Carbazole	ND		ug/kg dry	69.3	275	1	EPA 8270D	07/29/2014 17:00	07/30/2014 09:34	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	139	275	1	EPA 8270D	07/29/2014 17:00	07/30/2014 09:34	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	139	275	1	EPA 8270D	07/29/2014 17:00	07/30/2014 09:34	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	69.3	275	1	EPA 8270D	07/29/2014 17:00	07/30/2014 09:34	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	69.3	275	1	EPA 8270D	07/29/2014 17:00	07/30/2014 09:34	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	69.3	275	1	EPA 8270D	07/29/2014 17:00	07/30/2014 09:34	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	69.3	275	1	EPA 8270D	07/29/2014 17:00	07/30/2014 09:34	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	69.3	275	1	EPA 8270D	07/29/2014 17:00	07/30/2014 09:34	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	69.3	275	1	EPA 8270D	07/29/2014 17:00	07/30/2014 09:34	SR
218-01-9	Chrysene	ND		ug/kg dry	69.3	275	1	EPA 8270D	07/29/2014 17:00	07/30/2014 09:34	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	69.3	275	1	EPA 8270D	07/29/2014 17:00	07/30/2014 09:34	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	69.3	275	1	EPA 8270D	07/29/2014 17:00	07/30/2014 09:34	SR

Sample Information

Client Sample ID: **SP-2 (10-12)** **York Sample ID:** **14G1014-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Semi-Volatiles, 8270 - TCL/SOM **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	69.3	275	1	EPA 8270D	07/29/2014 17:00	07/30/2014 09:34	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	275	549	1	EPA 8270D	07/29/2014 17:00	07/30/2014 09:34	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	139	275	1	EPA 8270D	07/29/2014 17:00	07/30/2014 09:34	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	69.3	275	1	EPA 8270D	07/29/2014 17:00	07/30/2014 09:34	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	69.3	275	1	EPA 8270D	07/29/2014 17:00	07/30/2014 09:34	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	69.3	275	1	EPA 8270D	07/29/2014 17:00	07/30/2014 09:34	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	139	275	1	EPA 8270D	07/29/2014 17:00	07/30/2014 09:34	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	275	550	1	EPA 8270D	07/29/2014 17:00	07/30/2014 09:34	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	139	275	1	EPA 8270D	07/29/2014 17:00	07/30/2014 09:34	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	69.3	275	1	EPA 8270D	07/29/2014 17:00	07/30/2014 09:34	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	69.3	275	1	EPA 8270D	07/29/2014 17:00	07/30/2014 09:34	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	69.3	275	1	EPA 8270D	07/29/2014 17:00	07/30/2014 09:34	SR
206-44-0	Fluoranthene	ND		ug/kg dry	69.3	275	1	EPA 8270D	07/29/2014 17:00	07/30/2014 09:34	SR
86-73-7	Fluorene	ND		ug/kg dry	69.3	275	1	EPA 8270D	07/29/2014 17:00	07/30/2014 09:34	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	69.3	275	1	EPA 8270D	07/29/2014 17:00	07/30/2014 09:34	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	69.3	275	1	EPA 8270D	07/29/2014 17:00	07/30/2014 09:34	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	139	275	1	EPA 8270D	07/29/2014 17:00	07/30/2014 09:34	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	69.3	275	1	EPA 8270D	07/29/2014 17:00	07/30/2014 09:34	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	69.3	275	1	EPA 8270D	07/29/2014 17:00	07/30/2014 09:34	SR
78-59-1	Isophorone	ND		ug/kg dry	69.3	275	1	EPA 8270D	07/29/2014 17:00	07/30/2014 09:34	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	69.3	275	1	EPA 8270D	07/29/2014 17:00	07/30/2014 09:34	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	139	275	1	EPA 8270D	07/29/2014 17:00	07/30/2014 09:34	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	139	275	1	EPA 8270D	07/29/2014 17:00	07/30/2014 09:34	SR
91-20-3	Naphthalene	ND		ug/kg dry	69.3	275	1	EPA 8270D	07/29/2014 17:00	07/30/2014 09:34	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	139	275	1	EPA 8270D	07/29/2014 17:00	07/30/2014 09:34	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	69.3	275	1	EPA 8270D	07/29/2014 17:00	07/30/2014 09:34	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	139	275	1	EPA 8270D	07/29/2014 17:00	07/30/2014 09:34	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	69.3	275	1	EPA 8270D	07/29/2014 17:00	07/30/2014 09:34	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	69.3	275	1	EPA 8270D	07/29/2014 17:00	07/30/2014 09:34	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	139	275	1	EPA 8270D	07/29/2014 17:00	07/30/2014 09:34	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	69.3	275	1	EPA 8270D	07/29/2014 17:00	07/30/2014 09:34	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	69.3	275	1	EPA 8270D	07/29/2014 17:00	07/30/2014 09:34	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	139	275	1	EPA 8270D	07/29/2014 17:00	07/30/2014 09:34	SR
85-01-8	Phenanthrene	ND		ug/kg dry	69.3	275	1	EPA 8270D	07/29/2014 17:00	07/30/2014 09:34	SR
108-95-2	Phenol	ND		ug/kg dry	69.3	275	1	EPA 8270D	07/29/2014 17:00	07/30/2014 09:34	SR
129-00-0	**Pyrene**	**70.4**	J	ug/kg dry	69.3	275	1	EPA 8270D	07/29/2014 17:00	07/30/2014 09:34	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	139	275	1	EPA 8270D	07/29/2014 17:00	07/30/2014 09:34	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	69.3	275	1	EPA 8270D	07/29/2014 17:00	07/30/2014 09:34	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	69.3	275	1	EPA 8270D	07/29/2014 17:00	07/30/2014 09:34	SR

Sample Information

Client Sample ID: **SP-2 (10-12)** **York Sample ID:** **14G1014-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Semi-Volatiles, 8270 - TCL/SOM

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

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**							
367-12-4	*Surrogate: 2-Fluorophenol*	*30.3 %*			*10-105*						
4165-62-2	*Surrogate: Phenol-d5*	*58.3 %*			*10-118*						
4165-60-0	*Surrogate: Nitrobenzene-d5*	*21.5 %*			*10-140*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*67.2 %*			*10-126*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*57.3 %*			*10-150*						
1718-51-0	*Surrogate: Terphenyl-d14*	*76.0 %*			*10-137*						

Pesticides/PCBs, EPA TCL List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	91.8	91.8	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 18:43	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.07	9.07	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 18:43	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.81	1.81	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 18:43	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.81	1.81	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 18:43	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.81	1.81	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 18:43	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.81	1.81	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 18:43	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.81	1.81	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 18:43	JW
72-20-8	Endrin	ND		ug/kg dry	1.81	1.81	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 18:43	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.81	1.81	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 18:43	JW
33213-65-9	* Endosulfan II	ND		ug/kg dry	1.81	1.81	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 18:43	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.81	1.81	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 18:43	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.81	1.81	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 18:43	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.81	1.81	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 18:43	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.26	7.26	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 18:43	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.81	1.81	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 18:43	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.81	1.81	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 18:43	JW
309-00-2	Aldrin	ND		ug/kg dry	1.81	1.81	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 18:43	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.81	1.81	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 18:43	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.81	1.81	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 18:43	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.81	1.81	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 18:43	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	18.7	18.7	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 21:06	AMC
11097-69-1	Aroclor 1254	ND		ug/kg dry	18.7	18.7	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 21:06	AMC
12672-29-6	Aroclor 1248	ND		ug/kg dry	18.7	18.7	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 21:06	AMC
53469-21-9	Aroclor 1242	ND		ug/kg dry	18.7	18.7	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 21:06	AMC
11141-16-5	Aroclor 1232	ND		ug/kg dry	18.7	18.7	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 21:06	AMC
11104-28-2	Aroclor 1221	ND		ug/kg dry	18.7	18.7	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 21:06	AMC
12674-11-2	Aroclor 1016	ND		ug/kg dry	18.7	18.7	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 21:06	AMC

Sample Information

Client Sample ID: **SP-2 (10-12)** **York Sample ID:** **14G1014-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Pesticides/PCBs, EPA TCL List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1336-36-3	* Total PCBs	ND		ug/kg dry	7.48	18.7	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 21:06	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*71.6 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*73.4 %*	*30-140*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9040**		mg/kg dry	1.10	1.10	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:52	MW
7440-36-0	Antimony	ND		mg/kg dry	0.550	0.550	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:52	MW
7440-38-2	**Arsenic**	**3.65**		mg/kg dry	1.10	1.10	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:52	MW
7440-39-3	**Barium**	**47.8**		mg/kg dry	1.10	1.10	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:52	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.110	0.110	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:52	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.330	0.330	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:52	MW
7440-70-2	**Calcium**	**2030**		mg/kg dry	0.550	5.50	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:52	MW
7440-47-3	**Chromium**	**13.4**		mg/kg dry	0.550	0.550	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:52	MW
7440-48-4	**Cobalt**	**6.84**		mg/kg dry	0.550	0.550	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:52	MW
7440-50-8	**Copper**	**93.2**		mg/kg dry	0.550	0.550	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:52	MW
7439-89-6	**Iron**	**15500**		mg/kg dry	2.20	2.20	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:52	MW
7439-92-1	**Lead**	**24.3**		mg/kg dry	0.330	0.330	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:52	MW
7439-95-4	**Magnesium**	**2280**		mg/kg dry	5.50	5.50	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:52	MW
7439-96-5	**Manganese**	**410**		mg/kg dry	0.550	0.550	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:52	MW
7440-02-0	**Nickel**	**13.0**		mg/kg dry	0.550	0.550	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:52	MW
7440-09-7	**Potassium**	**806**		mg/kg dry	5.50	5.50	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:52	MW
7782-49-2	**Selenium**	**2.83**		mg/kg dry	1.10	1.10	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:52	MW
7440-22-4	Silver	ND		mg/kg dry	0.550	0.550	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:52	MW
7440-23-5	**Sodium**	**309**		mg/kg dry	11.0	11.0	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:52	MW
7440-28-0	Thallium	ND		mg/kg dry	1.10	1.10	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:52	MW
7440-62-2	**Vanadium**	**20.9**		mg/kg dry	1.10	1.10	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:52	MW
7440-66-6	**Zinc**	**144**		mg/kg dry	1.10	1.10	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:52	MW

Sample Information

Client Sample ID: SP-2 (10-12) **York Sample ID:** 14G1014-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0523**		mg/kg dry	0.0330	0.0330	1	EPA 7473	07/30/2014 06:19	07/30/2014 11:55	ALD

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.0**		%	0.100	0.100	1	SM 2540G	07/30/2014 10:43	07/30/2014 13:28	ALD

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.550	0.550	1	EPA 9014/9010C	07/31/2014 10:23	07/31/2014 15:12	AD

Sample Information

Client Sample ID: SP-3 (0-2) **York Sample ID:** 14G1014-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Volatile Organics, 8260 - TCL/SOM

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		ug/kg dry	2.2	9.0	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:46	SS
71-43-2	Benzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:46	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:46	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:46	SS
75-25-2	Bromoform	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:46	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:46	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:46	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:46	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:46	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:46	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:46	SS
67-66-3	Chloroform	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:46	SS

Sample Information

Client Sample ID: SP-3 (0-2) **York Sample ID:** 14G1014-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Volatile Organics, 8260 - TCL/SOM **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:46	SS
110-82-7	Cyclohexane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:46	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:46	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:46	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:46	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:46	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:46	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:46	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:46	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:46	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:46	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:46	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:46	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:46	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:46	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:46	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:46	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	45	90	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:46	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:46	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:46	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:46	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:46	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:46	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:46	SS
75-09-2	**Methylene chloride**	**3.7**	J	ug/kg dry	2.2	9.0	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:46	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:46	SS
100-42-5	Styrene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:46	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:46	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:46	SS
108-88-3	Toluene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:46	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:46	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:46	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:46	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:46	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:46	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:46	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:46	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:46	SS

Sample Information

Client Sample ID: SP-3 (0-2) **York Sample ID:** 14G1014-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Volatile Organics, 8260 - TCL/SOM

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	o-Xylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:46	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.5	9.0	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:46	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.7	13	1	EPA 8260C	07/29/2014 16:35	07/30/2014 07:46	SS

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*103 %*	*75-127*
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*100 %*	*67-130*
2037-26-5	*Surrogate: Toluene-d8*	*104 %*	*90-112*

Semi-Volatiles, 8270 - TCL/SOM

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

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	693	2750	10	EPA 8270D	07/29/2014 17:00	07/30/2014 16:14	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	693	2750	10	EPA 8270D	07/29/2014 17:00	07/30/2014 16:14	SR
98-86-2	Acetophenone	ND		ug/kg dry	693	2750	10	EPA 8270D	07/29/2014 17:00	07/30/2014 16:14	SR
120-12-7	Anthracene	ND		ug/kg dry	693	2750	10	EPA 8270D	07/29/2014 17:00	07/30/2014 16:14	SR
1912-24-9	Atrazine	ND		ug/kg dry	693	2750	10	EPA 8270D	07/29/2014 17:00	07/30/2014 16:14	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	693	2750	10	EPA 8270D	07/29/2014 17:00	07/30/2014 16:14	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	693	2750	10	EPA 8270D	07/29/2014 17:00	07/30/2014 16:14	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	693	2750	10	EPA 8270D	07/29/2014 17:00	07/30/2014 16:14	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	693	2750	10	EPA 8270D	07/29/2014 17:00	07/30/2014 16:14	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	1390	2750	10	EPA 8270D	07/29/2014 17:00	07/30/2014 16:14	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	693	2750	10	EPA 8270D	07/29/2014 17:00	07/30/2014 16:14	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	693	2750	10	EPA 8270D	07/29/2014 17:00	07/30/2014 16:14	SR
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	693	2750	10	EPA 8270D	07/29/2014 17:00	07/30/2014 16:14	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	693	2750	10	EPA 8270D	07/29/2014 17:00	07/30/2014 16:14	SR
105-60-2	Caprolactam	ND		ug/kg dry	693	2750	10	EPA 8270D	07/29/2014 17:00	07/30/2014 16:14	SR
86-74-8	Carbazole	ND		ug/kg dry	693	2750	10	EPA 8270D	07/29/2014 17:00	07/30/2014 16:14	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	1390	2750	10	EPA 8270D	07/29/2014 17:00	07/30/2014 16:14	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	1390	2750	10	EPA 8270D	07/29/2014 17:00	07/30/2014 16:14	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	693	2750	10	EPA 8270D	07/29/2014 17:00	07/30/2014 16:14	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	693	2750	10	EPA 8270D	07/29/2014 17:00	07/30/2014 16:14	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	693	2750	10	EPA 8270D	07/29/2014 17:00	07/30/2014 16:14	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	693	2750	10	EPA 8270D	07/29/2014 17:00	07/30/2014 16:14	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	693	2750	10	EPA 8270D	07/29/2014 17:00	07/30/2014 16:14	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	693	2750	10	EPA 8270D	07/29/2014 17:00	07/30/2014 16:14	SR
218-01-9	Chrysene	ND		ug/kg dry	693	2750	10	EPA 8270D	07/29/2014 17:00	07/30/2014 16:14	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	693	2750	10	EPA 8270D	07/29/2014 17:00	07/30/2014 16:14	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	693	2750	10	EPA 8270D	07/29/2014 17:00	07/30/2014 16:14	SR

Sample Information

Client Sample ID: SP-3 (0-2) **York Sample ID:** 14G1014-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Semi-Volatiles, 8270 - TCL/SOM **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	693	2750	10	EPA 8270D	07/29/2014 17:00	07/30/2014 16:14	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	2750	5490	10	EPA 8270D	07/29/2014 17:00	07/30/2014 16:14	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	1390	2750	10	EPA 8270D	07/29/2014 17:00	07/30/2014 16:14	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	693	2750	10	EPA 8270D	07/29/2014 17:00	07/30/2014 16:14	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	693	2750	10	EPA 8270D	07/29/2014 17:00	07/30/2014 16:14	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	693	2750	10	EPA 8270D	07/29/2014 17:00	07/30/2014 16:14	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	1390	2750	10	EPA 8270D	07/29/2014 17:00	07/30/2014 16:14	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	2750	5500	10	EPA 8270D	07/29/2014 17:00	07/30/2014 16:14	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	1390	2750	10	EPA 8270D	07/29/2014 17:00	07/30/2014 16:14	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	693	2750	10	EPA 8270D	07/29/2014 17:00	07/30/2014 16:14	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	693	2750	10	EPA 8270D	07/29/2014 17:00	07/30/2014 16:14	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	693	2750	10	EPA 8270D	07/29/2014 17:00	07/30/2014 16:14	SR
206-44-0	Fluoranthene	ND		ug/kg dry	693	2750	10	EPA 8270D	07/29/2014 17:00	07/30/2014 16:14	SR
86-73-7	Fluorene	ND		ug/kg dry	693	2750	10	EPA 8270D	07/29/2014 17:00	07/30/2014 16:14	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	693	2750	10	EPA 8270D	07/29/2014 17:00	07/30/2014 16:14	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	693	2750	10	EPA 8270D	07/29/2014 17:00	07/30/2014 16:14	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	1390	2750	10	EPA 8270D	07/29/2014 17:00	07/30/2014 16:14	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	693	2750	10	EPA 8270D	07/29/2014 17:00	07/30/2014 16:14	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	693	2750	10	EPA 8270D	07/29/2014 17:00	07/30/2014 16:14	SR
78-59-1	Isophorone	ND		ug/kg dry	693	2750	10	EPA 8270D	07/29/2014 17:00	07/30/2014 16:14	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	693	2750	10	EPA 8270D	07/29/2014 17:00	07/30/2014 16:14	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	1390	2750	10	EPA 8270D	07/29/2014 17:00	07/30/2014 16:14	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	1390	2750	10	EPA 8270D	07/29/2014 17:00	07/30/2014 16:14	SR
91-20-3	Naphthalene	ND		ug/kg dry	693	2750	10	EPA 8270D	07/29/2014 17:00	07/30/2014 16:14	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	1390	2750	10	EPA 8270D	07/29/2014 17:00	07/30/2014 16:14	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	693	2750	10	EPA 8270D	07/29/2014 17:00	07/30/2014 16:14	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	1390	2750	10	EPA 8270D	07/29/2014 17:00	07/30/2014 16:14	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	693	2750	10	EPA 8270D	07/29/2014 17:00	07/30/2014 16:14	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	693	2750	10	EPA 8270D	07/29/2014 17:00	07/30/2014 16:14	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	1390	2750	10	EPA 8270D	07/29/2014 17:00	07/30/2014 16:14	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	693	2750	10	EPA 8270D	07/29/2014 17:00	07/30/2014 16:14	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	693	2750	10	EPA 8270D	07/29/2014 17:00	07/30/2014 16:14	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	1390	2750	10	EPA 8270D	07/29/2014 17:00	07/30/2014 16:14	SR
85-01-8	Phenanthrene	ND		ug/kg dry	693	2750	10	EPA 8270D	07/29/2014 17:00	07/30/2014 16:14	SR
108-95-2	Phenol	ND		ug/kg dry	693	2750	10	EPA 8270D	07/29/2014 17:00	07/30/2014 16:14	SR
129-00-0	Pyrene	ND		ug/kg dry	693	2750	10	EPA 8270D	07/29/2014 17:00	07/30/2014 16:14	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	1390	2750	10	EPA 8270D	07/29/2014 17:00	07/30/2014 16:14	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	693	2750	10	EPA 8270D	07/29/2014 17:00	07/30/2014 16:14	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	693	2750	10	EPA 8270D	07/29/2014 17:00	07/30/2014 16:14	SR

Sample Information

Client Sample ID: **SP-3 (0-2)** **York Sample ID:** **14G1014-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Semi-Volatiles, 8270 - TCL/SOM

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

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**							
367-12-4	*Surrogate: 2-Fluorophenol*	*34.0 %*		*10-105*							
4165-62-2	*Surrogate: Phenol-d5*	*62.0 %*		*10-118*							
4165-60-0	*Surrogate: Nitrobenzene-d5*	*27.1 %*		*10-140*							
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*60.7 %*		*10-126*							
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*61.7 %*		*10-150*							
1718-51-0	*Surrogate: Terphenyl-d14*	*71.7 %*		*10-137*							

Pesticides/PCBs, EPA TCL List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	91.8	91.8	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:17	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.07	9.07	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:17	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.81	1.81	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:17	JW
76-44-8	**Heptachlor**	**3.01**		ug/kg dry	1.81	1.81	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:17	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.81	1.81	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:17	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.81	1.81	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:17	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.81	1.81	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:17	JW
72-20-8	Endrin	ND		ug/kg dry	1.81	1.81	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:17	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.81	1.81	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:17	JW
33213-65-9	* Endosulfan II	ND		ug/kg dry	1.81	1.81	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:17	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.81	1.81	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:17	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.81	1.81	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:17	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.81	1.81	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:17	JW
57-74-9	**Chlordane, total**	**70.6**		ug/kg dry	7.26	7.26	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:17	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.81	1.81	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:17	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.81	1.81	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:17	JW
309-00-2	Aldrin	ND		ug/kg dry	1.81	1.81	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:17	JW
50-29-3	**4,4'-DDT**	**9.76**		ug/kg dry	1.81	1.81	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:17	JW
72-55-9	**4,4'-DDE**	**21.1**		ug/kg dry	1.81	1.81	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:17	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.81	1.81	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:17	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	18.7	18.7	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 21:35	AMC
11097-69-1	**Aroclor 1254**	**71.2**		ug/kg dry	18.7	18.7	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 21:35	AMC
12672-29-6	Aroclor 1248	ND		ug/kg dry	18.7	18.7	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 21:35	AMC
53469-21-9	Aroclor 1242	ND		ug/kg dry	18.7	18.7	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 21:35	AMC
11141-16-5	Aroclor 1232	ND		ug/kg dry	18.7	18.7	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 21:35	AMC
11104-28-2	Aroclor 1221	ND		ug/kg dry	18.7	18.7	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 21:35	AMC
12674-11-2	Aroclor 1016	ND		ug/kg dry	18.7	18.7	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 21:35	AMC

Sample Information

Client Sample ID: **SP-3 (0-2)** **York Sample ID:** **14G1014-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Pesticides/PCBs, EPA TCL List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1336-36-3	*** Total PCBs**	**71.2**		ug/kg dry	7.48	18.7	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 21:35	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*55.8 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*63.7 %*	*30-140*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5160**		mg/kg dry	1.10	1.10	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:57	MW
7440-36-0	Antimony	ND		mg/kg dry	0.550	0.550	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:57	MW
7440-38-2	**Arsenic**	**2.26**		mg/kg dry	1.10	1.10	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:57	MW
7440-39-3	**Barium**	**34.1**		mg/kg dry	1.10	1.10	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:57	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.110	0.110	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:57	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.330	0.330	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:57	MW
7440-70-2	**Calcium**	**6220**		mg/kg dry	0.550	5.50	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:57	MW
7440-47-3	**Chromium**	**6.49**		mg/kg dry	0.550	0.550	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:57	MW
7440-48-4	**Cobalt**	**2.78**		mg/kg dry	0.550	0.550	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:57	MW
7440-50-8	**Copper**	**8.28**		mg/kg dry	0.550	0.550	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:57	MW
7439-89-6	**Iron**	**7200**		mg/kg dry	2.20	2.20	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:57	MW
7439-92-1	**Lead**	**19.7**		mg/kg dry	0.330	0.330	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:57	MW
7439-95-4	**Magnesium**	**1090**		mg/kg dry	5.50	5.50	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:57	MW
7439-96-5	**Manganese**	**85.1**		mg/kg dry	0.550	0.550	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:57	MW
7440-02-0	**Nickel**	**3.53**		mg/kg dry	0.550	0.550	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:57	MW
7440-09-7	**Potassium**	**541**		mg/kg dry	5.50	5.50	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:57	MW
7782-49-2	Selenium	ND		mg/kg dry	1.10	1.10	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:57	MW
7440-22-4	Silver	ND		mg/kg dry	0.550	0.550	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:57	MW
7440-23-5	**Sodium**	**202**		mg/kg dry	11.0	11.0	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:57	MW
7440-28-0	Thallium	ND		mg/kg dry	1.10	1.10	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:57	MW
7440-62-2	**Vanadium**	**11.1**		mg/kg dry	1.10	1.10	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:57	MW
7440-66-6	**Zinc**	**25.0**		mg/kg dry	1.10	1.10	1	EPA 6010C	07/30/2014 08:40	07/30/2014 10:57	MW

Sample Information

Client Sample ID: **SP-3 (0-2)** **York Sample ID:** **14G1014-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.105**		mg/kg dry	0.0330	0.0330	1	EPA 7473	07/30/2014 06:19	07/30/2014 12:05	ALD

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.0**		%	0.100	0.100	1	SM 2540G	07/30/2014 10:44	07/30/2014 13:31	ALD

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.550	0.550	1	EPA 9014/9010C	07/31/2014 10:23	07/31/2014 15:12	AD

Sample Information

Client Sample ID: **SP-3 (10-12)** **York Sample ID:** **14G1014-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Volatile Organics, 8260 - TCL/SOM

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	**Acetone**	**4.2**	B, J	ug/kg dry	2.3	9.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:15	SS
71-43-2	Benzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:15	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:15	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:15	SS
75-25-2	Bromoform	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:15	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:15	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:15	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:15	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:15	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:15	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:15	SS
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:15	SS

Sample Information

Client Sample ID: SP-3 (10-12) **York Sample ID:** 14G1014-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Volatile Organics, 8260 - TCL/SOM **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:15	SS
110-82-7	Cyclohexane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:15	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:15	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:15	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:15	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:15	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:15	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:15	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:15	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:15	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:15	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:15	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:15	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:15	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:15	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:15	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:15	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	46	92	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:15	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:15	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:15	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:15	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:15	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:15	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:15	SS
75-09-2	Methylene chloride	ND		ug/kg dry	2.3	9.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:15	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:15	SS
100-42-5	Styrene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:15	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:15	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:15	SS
108-88-3	Toluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:15	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:15	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:15	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:15	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:15	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:15	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:15	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:15	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:15	SS

Sample Information

Client Sample ID: SP-3 (10-12) **York Sample ID:** 14G1014-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Volatile Organics, 8260 - TCL/SOM

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:15	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.6	9.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:15	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.9	14	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:15	SS

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*101 %*	*75-127*
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*106 %*	*67-130*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*90-112*

Semi-Volatiles, 8270 - TCL/SOM

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

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**6300**		ug/kg dry	1490	5920	20	EPA 8270D	07/29/2014 17:00	07/30/2014 16:44	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	1490	5920	20	EPA 8270D	07/29/2014 17:00	07/30/2014 16:44	SR
98-86-2	Acetophenone	ND		ug/kg dry	1490	5920	20	EPA 8270D	07/29/2014 17:00	07/30/2014 16:44	SR
120-12-7	**Anthracene**	**13600**		ug/kg dry	1490	5920	20	EPA 8270D	07/29/2014 17:00	07/30/2014 16:44	SR
1912-24-9	Atrazine	ND		ug/kg dry	1490	5920	20	EPA 8270D	07/29/2014 17:00	07/30/2014 16:44	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	1490	5920	20	EPA 8270D	07/29/2014 17:00	07/30/2014 16:44	SR
56-55-3	**Benzo(a)anthracene**	**32000**		ug/kg dry	1490	5920	20	EPA 8270D	07/29/2014 17:00	07/30/2014 16:44	SR
50-32-8	**Benzo(a)pyrene**	**27600**		ug/kg dry	1490	5920	20	EPA 8270D	07/29/2014 17:00	07/30/2014 16:44	SR
205-99-2	**Benzo(b)fluoranthene**	**18300**		ug/kg dry	1490	5920	20	EPA 8270D	07/29/2014 17:00	07/30/2014 16:44	SR
191-24-2	**Benzo(g,h,i)perylene**	**6750**		ug/kg dry	2990	5920	20	EPA 8270D	07/29/2014 17:00	07/30/2014 16:44	SR
207-08-9	**Benzo(k)fluoranthene**	**15300**		ug/kg dry	1490	5920	20	EPA 8270D	07/29/2014 17:00	07/30/2014 16:44	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	1490	5920	20	EPA 8270D	07/29/2014 17:00	07/30/2014 16:44	SR
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	1490	5920	20	EPA 8270D	07/29/2014 17:00	07/30/2014 16:44	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	1490	5920	20	EPA 8270D	07/29/2014 17:00	07/30/2014 16:44	SR
105-60-2	Caprolactam	ND		ug/kg dry	1490	5920	20	EPA 8270D	07/29/2014 17:00	07/30/2014 16:44	SR
86-74-8	**Carbazole**	**4940**	J	ug/kg dry	1490	5920	20	EPA 8270D	07/29/2014 17:00	07/30/2014 16:44	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	2990	5920	20	EPA 8270D	07/29/2014 17:00	07/30/2014 16:44	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	2990	5920	20	EPA 8270D	07/29/2014 17:00	07/30/2014 16:44	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	1490	5920	20	EPA 8270D	07/29/2014 17:00	07/30/2014 16:44	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	1490	5920	20	EPA 8270D	07/29/2014 17:00	07/30/2014 16:44	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	1490	5920	20	EPA 8270D	07/29/2014 17:00	07/30/2014 16:44	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	1490	5920	20	EPA 8270D	07/29/2014 17:00	07/30/2014 16:44	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	1490	5920	20	EPA 8270D	07/29/2014 17:00	07/30/2014 16:44	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	1490	5920	20	EPA 8270D	07/29/2014 17:00	07/30/2014 16:44	SR
218-01-9	**Chrysene**	**25300**		ug/kg dry	1490	5920	20	EPA 8270D	07/29/2014 17:00	07/30/2014 16:44	SR
53-70-3	**Dibenzo(a,h)anthracene**	**1810**	J	ug/kg dry	1490	5920	20	EPA 8270D	07/29/2014 17:00	07/30/2014 16:44	SR
132-64-9	**Dibenzofuran**	**3070**	J	ug/kg dry	1490	5920	20	EPA 8270D	07/29/2014 17:00	07/30/2014 16:44	SR

Sample Information

Client Sample ID: SP-3 (10-12) **York Sample ID:** 14G1014-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Semi-Volatiles, 8270 - TCL/SOM **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	1490	5920	20	EPA 8270D	07/29/2014 17:00	07/30/2014 16:44	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	5940	11800	20	EPA 8270D	07/29/2014 17:00	07/30/2014 16:44	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	2990	5920	20	EPA 8270D	07/29/2014 17:00	07/30/2014 16:44	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	1490	5920	20	EPA 8270D	07/29/2014 17:00	07/30/2014 16:44	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	1490	5920	20	EPA 8270D	07/29/2014 17:00	07/30/2014 16:44	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	1490	5920	20	EPA 8270D	07/29/2014 17:00	07/30/2014 16:44	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	2990	5920	20	EPA 8270D	07/29/2014 17:00	07/30/2014 16:44	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	5940	11800	20	EPA 8270D	07/29/2014 17:00	07/30/2014 16:44	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	2990	5920	20	EPA 8270D	07/29/2014 17:00	07/30/2014 16:44	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	1490	5920	20	EPA 8270D	07/29/2014 17:00	07/30/2014 16:44	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	1490	5920	20	EPA 8270D	07/29/2014 17:00	07/30/2014 16:44	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	1490	5920	20	EPA 8270D	07/29/2014 17:00	07/30/2014 16:44	SR
206-44-0	**Fluoranthene**	**53200**		ug/kg dry	1490	5920	20	EPA 8270D	07/29/2014 17:00	07/30/2014 16:44	SR
86-73-7	**Fluorene**	**4760**	J	ug/kg dry	1490	5920	20	EPA 8270D	07/29/2014 17:00	07/30/2014 16:44	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	1490	5920	20	EPA 8270D	07/29/2014 17:00	07/30/2014 16:44	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1490	5920	20	EPA 8270D	07/29/2014 17:00	07/30/2014 16:44	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	2990	5920	20	EPA 8270D	07/29/2014 17:00	07/30/2014 16:44	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	1490	5920	20	EPA 8270D	07/29/2014 17:00	07/30/2014 16:44	SR
193-39-5	**Indeno(1,2,3-cd)pyrene**	**7520**		ug/kg dry	1490	5920	20	EPA 8270D	07/29/2014 17:00	07/30/2014 16:44	SR
78-59-1	Isophorone	ND		ug/kg dry	1490	5920	20	EPA 8270D	07/29/2014 17:00	07/30/2014 16:44	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	1490	5920	20	EPA 8270D	07/29/2014 17:00	07/30/2014 16:44	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	2990	5920	20	EPA 8270D	07/29/2014 17:00	07/30/2014 16:44	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	2990	5920	20	EPA 8270D	07/29/2014 17:00	07/30/2014 16:44	SR
91-20-3	Naphthalene	ND		ug/kg dry	1490	5920	20	EPA 8270D	07/29/2014 17:00	07/30/2014 16:44	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	2990	5920	20	EPA 8270D	07/29/2014 17:00	07/30/2014 16:44	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	1490	5920	20	EPA 8270D	07/29/2014 17:00	07/30/2014 16:44	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	2990	5920	20	EPA 8270D	07/29/2014 17:00	07/30/2014 16:44	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	1490	5920	20	EPA 8270D	07/29/2014 17:00	07/30/2014 16:44	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	1490	5920	20	EPA 8270D	07/29/2014 17:00	07/30/2014 16:44	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	2990	5920	20	EPA 8270D	07/29/2014 17:00	07/30/2014 16:44	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	1490	5920	20	EPA 8270D	07/29/2014 17:00	07/30/2014 16:44	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	1490	5920	20	EPA 8270D	07/29/2014 17:00	07/30/2014 16:44	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	2990	5920	20	EPA 8270D	07/29/2014 17:00	07/30/2014 16:44	SR
85-01-8	**Phenanthrene**	**41400**		ug/kg dry	1490	5920	20	EPA 8270D	07/29/2014 17:00	07/30/2014 16:44	SR
108-95-2	Phenol	ND		ug/kg dry	1490	5920	20	EPA 8270D	07/29/2014 17:00	07/30/2014 16:44	SR
129-00-0	**Pyrene**	**42800**		ug/kg dry	1490	5920	20	EPA 8270D	07/29/2014 17:00	07/30/2014 16:44	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	2990	5920	20	EPA 8270D	07/29/2014 17:00	07/30/2014 16:44	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	1490	5920	20	EPA 8270D	07/29/2014 17:00	07/30/2014 16:44	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	1490	5920	20	EPA 8270D	07/29/2014 17:00	07/30/2014 16:44	SR

Sample Information

Client Sample ID: **SP-3 (10-12)** **York Sample ID:** **14G1014-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Semi-Volatiles, 8270 - TCL/SOM

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

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**			**Acceptance Range**						
367-12-4	*Surrogate: 2-Fluorophenol*	*24.2 %*			*10-105*						
4165-62-2	*Surrogate: Phenol-d5*	*46.9 %*			*10-118*						
4165-60-0	*Surrogate: Nitrobenzene-d5*	*1.18 %*	S-06		*10-140*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*64.5 %*			*10-126*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*62.6 %*			*10-150*						
1718-51-0	*Surrogate: Terphenyl-d14*	*73.9 %*			*10-137*						

Pesticides/PCBs, EPA TCL List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	98.9	98.9	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:33	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.78	9.78	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:33	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.96	1.96	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:33	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.96	1.96	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:33	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.96	1.96	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:33	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.96	1.96	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:33	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.96	1.96	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:33	JW
72-20-8	Endrin	ND		ug/kg dry	1.96	1.96	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:33	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.96	1.96	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:33	JW
33213-65-9	* Endosulfan II	ND		ug/kg dry	1.96	1.96	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:33	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.96	1.96	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:33	JW
60-57-1	**Dieldrin**	**7.00**		ug/kg dry	1.96	1.96	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:33	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.96	1.96	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:33	JW
57-74-9	**Chlordane, total**	**16.8**		ug/kg dry	7.82	7.82	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:33	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.96	1.96	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:33	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.96	1.96	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:33	JW
309-00-2	Aldrin	ND		ug/kg dry	1.96	1.96	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:33	JW
50-29-3	**4,4'-DDT**	**158**		ug/kg dry	1.96	1.96	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:33	JW
72-55-9	**4,4'-DDE**	**14.7**		ug/kg dry	1.96	1.96	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:33	JW
72-54-8	**4,4'-DDD**	**5.42**		ug/kg dry	1.96	1.96	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:33	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	20.1	20.1	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 22:04	AMC
11097-69-1	Aroclor 1254	ND		ug/kg dry	20.1	20.1	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 22:04	AMC
12672-29-6	Aroclor 1248	ND		ug/kg dry	20.1	20.1	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 22:04	AMC
53469-21-9	Aroclor 1242	ND		ug/kg dry	20.1	20.1	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 22:04	AMC
11141-16-5	Aroclor 1232	ND		ug/kg dry	20.1	20.1	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 22:04	AMC
11104-28-2	Aroclor 1221	ND		ug/kg dry	20.1	20.1	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 22:04	AMC
12674-11-2	Aroclor 1016	ND		ug/kg dry	20.1	20.1	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 22:04	AMC

Sample Information

Client Sample ID: **SP-3 (10-12)** **York Sample ID:** **14G1014-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Pesticides/PCBs, EPA TCL List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1336-36-3	* Total PCBs	ND		ug/kg dry	8.06	20.1	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 22:04	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*52.4 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*60.9 %*	*30-140*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6460**		mg/kg dry	1.18	1.18	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:14	MW
7440-36-0	**Antimony**	**0.740**		mg/kg dry	0.592	0.592	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:14	MW
7440-38-2	**Arsenic**	**9.73**		mg/kg dry	1.18	1.18	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:14	MW
7440-39-3	**Barium**	**690**		mg/kg dry	1.18	1.18	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:14	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.118	0.118	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:14	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.355	0.355	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:14	MW
7440-70-2	**Calcium**	**51600**		mg/kg dry	0.592	5.92	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:14	MW
7440-47-3	**Chromium**	**13.8**		mg/kg dry	0.592	0.592	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:14	MW
7440-48-4	**Cobalt**	**4.54**		mg/kg dry	0.592	0.592	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:14	MW
7440-50-8	**Copper**	**60.9**		mg/kg dry	0.592	0.592	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:14	MW
7439-89-6	**Iron**	**14000**		mg/kg dry	2.37	2.37	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:14	MW
7439-92-1	**Lead**	**707**		mg/kg dry	0.355	0.355	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:14	MW
7439-95-4	**Magnesium**	**4650**		mg/kg dry	5.92	5.92	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:14	MW
7439-96-5	**Manganese**	**306**		mg/kg dry	0.592	0.592	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:14	MW
7440-02-0	**Nickel**	**10.1**		mg/kg dry	0.592	0.592	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:14	MW
7440-09-7	**Potassium**	**926**		mg/kg dry	5.92	5.92	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:14	MW
7782-49-2	**Selenium**	**3.04**		mg/kg dry	1.18	1.18	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:14	MW
7440-22-4	Silver	ND		mg/kg dry	0.592	0.592	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:14	MW
7440-23-5	**Sodium**	**424**		mg/kg dry	11.8	11.8	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:14	MW
7440-28-0	Thallium	ND		mg/kg dry	1.18	1.18	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:14	MW
7440-62-2	**Vanadium**	**24.0**		mg/kg dry	1.18	1.18	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:14	MW
7440-66-6	**Zinc**	**306**		mg/kg dry	1.18	1.18	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:14	MW

Sample Information

Client Sample ID: SP-3 (10-12) **York Sample ID:** 14G1014-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.471**		mg/kg dry	0.0355	0.0355	1	EPA 7473	07/30/2014 06:19	07/30/2014 12:16	ALD

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**84.4**		%	0.100	0.100	1	SM 2540G	07/30/2014 10:44	07/30/2014 13:31	ALD

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.592	0.592	1	EPA 9014/9010C	07/31/2014 10:23	07/31/2014 15:12	AD

Sample Information

Client Sample ID: SP-4 (0-2) **York Sample ID:** 14G1014-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Volatile Organics, 8260 - TCL/SOM

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	**Acetone**	**6.0**	B, J	ug/kg dry	2.6	10	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:44	SS
71-43-2	Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:44	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:44	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:44	SS
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:44	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:44	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:44	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:44	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:44	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:44	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:44	SS
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:44	SS

Sample Information

Client Sample ID: SP-4 (0-2) **York Sample ID:** 14G1014-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Volatile Organics, 8260 - TCL/SOM **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:44	SS
110-82-7	Cyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:44	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:44	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:44	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:44	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:44	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:44	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:44	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:44	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:44	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:44	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:44	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:44	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:44	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:44	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:44	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:44	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	52	100	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:44	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:44	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:44	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:44	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:44	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:44	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:44	SS
75-09-2	Methylene chloride	ND		ug/kg dry	2.6	10	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:44	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:44	SS
100-42-5	Styrene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:44	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:44	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:44	SS
108-88-3	Toluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:44	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:44	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:44	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:44	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:44	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:44	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:44	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:44	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:44	SS

Sample Information

Client Sample ID: SP-4 (0-2) **York Sample ID:** 14G1014-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Volatile Organics, 8260 - TCL/SOM

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:44	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.2	10	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:44	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.9	16	1	EPA 8260C	07/29/2014 16:35	07/30/2014 08:44	SS

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*101 %*	*75-127*
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*106 %*	*67-130*
2037-26-5	*Surrogate: Toluene-d8*	*106 %*	*90-112*

Semi-Volatiles, 8270 - TCL/SOM

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

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	68.6	272	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:36	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	68.6	272	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:36	SR
98-86-2	Acetophenone	ND		ug/kg dry	68.6	272	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:36	SR
120-12-7	Anthracene	ND		ug/kg dry	68.6	272	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:36	SR
1912-24-9	Atrazine	ND		ug/kg dry	68.6	272	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:36	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	68.6	272	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:36	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	68.6	272	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:36	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	68.6	272	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:36	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	68.6	272	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:36	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	137	272	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:36	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	68.6	272	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:36	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	68.6	272	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:36	SR
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	68.6	272	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:36	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	68.6	272	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:36	SR
105-60-2	Caprolactam	ND		ug/kg dry	68.6	272	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:36	SR
86-74-8	Carbazole	ND		ug/kg dry	68.6	272	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:36	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	137	272	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:36	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	137	272	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:36	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	68.6	272	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:36	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	68.6	272	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:36	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	68.6	272	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:36	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	68.6	272	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:36	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	68.6	272	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:36	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	68.6	272	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:36	SR
218-01-9	Chrysene	ND		ug/kg dry	68.6	272	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:36	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	68.6	272	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:36	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	68.6	272	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:36	SR

Sample Information

Client Sample ID: SP-4 (0-2) **York Sample ID:** 14G1014-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Semi-Volatiles, 8270 - TCL/SOM **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	68.6	272	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:36	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	273	544	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:36	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	137	272	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:36	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	68.6	272	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:36	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	68.6	272	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:36	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	68.6	272	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:36	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	137	272	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:36	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	273	544	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:36	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	137	272	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:36	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	68.6	272	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:36	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	68.6	272	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:36	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	68.6	272	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:36	SR
206-44-0	**Fluoranthene**	**99.1**	J	ug/kg dry	68.6	272	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:36	SR
86-73-7	Fluorene	ND		ug/kg dry	68.6	272	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:36	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	68.6	272	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:36	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	68.6	272	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:36	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	137	272	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:36	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	68.6	272	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:36	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	68.6	272	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:36	SR
78-59-1	Isophorone	ND		ug/kg dry	68.6	272	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:36	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	68.6	272	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:36	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	137	272	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:36	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	137	272	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:36	SR
91-20-3	Naphthalene	ND		ug/kg dry	68.6	272	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:36	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	137	272	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:36	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	68.6	272	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:36	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	137	272	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:36	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	68.6	272	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:36	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	68.6	272	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:36	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	137	272	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:36	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	68.6	272	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:36	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	68.6	272	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:36	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	137	272	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:36	SR
85-01-8	**Phenanthrene**	**95.3**	J	ug/kg dry	68.6	272	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:36	SR
108-95-2	Phenol	ND		ug/kg dry	68.6	272	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:36	SR
129-00-0	**Pyrene**	**88.7**	J	ug/kg dry	68.6	272	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:36	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	137	272	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:36	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	68.6	272	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:36	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	68.6	272	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:36	SR

Sample Information

Client Sample ID: **SP-4 (0-2)** **York Sample ID:** **14G1014-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Semi-Volatiles, 8270 - TCL/SOM

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

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**							
367-12-4	*Surrogate: 2-Fluorophenol*	*29.0 %*		*10-105*							
4165-62-2	*Surrogate: Phenol-d5*	*50.5 %*		*10-118*							
4165-60-0	*Surrogate: Nitrobenzene-d5*	*21.1 %*		*10-140*							
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*62.1 %*		*10-126*							
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*49.0 %*		*10-150*							
1718-51-0	*Surrogate: Terphenyl-d14*	*62.0 %*		*10-137*							

Pesticides/PCBs, EPA TCL List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	90.9	90.9	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:52	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.98	8.98	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:52	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.80	1.80	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:52	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.80	1.80	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:52	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.80	1.80	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:52	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.80	1.80	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:52	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.80	1.80	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:52	JW
72-20-8	Endrin	ND		ug/kg dry	1.80	1.80	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:52	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.80	1.80	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:52	JW
33213-65-9	* Endosulfan II	ND		ug/kg dry	1.80	1.80	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:52	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.80	1.80	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:52	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.80	1.80	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:52	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.80	1.80	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:52	JW
57-74-9	**Chlordane, total**	**12.7**		ug/kg dry	7.18	7.18	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:52	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.80	1.80	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:52	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.80	1.80	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:52	JW
309-00-2	Aldrin	ND		ug/kg dry	1.80	1.80	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:52	JW
50-29-3	**4,4'-DDT**	**13.9**		ug/kg dry	1.80	1.80	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:52	JW
72-55-9	**4,4'-DDE**	**2.38**		ug/kg dry	1.80	1.80	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:52	JW
72-54-8	**4,4'-DDD**	**7.14**		ug/kg dry	1.80	1.80	5	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 12:52	JW
11096-82-5	**Aroclor 1260**	**83.1**		ug/kg dry	18.5	18.5	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 22:34	AMC
11097-69-1	Aroclor 1254	ND		ug/kg dry	18.5	18.5	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 22:34	AMC
12672-29-6	Aroclor 1248	ND		ug/kg dry	18.5	18.5	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 22:34	AMC
53469-21-9	Aroclor 1242	ND		ug/kg dry	18.5	18.5	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 22:34	AMC
11141-16-5	Aroclor 1232	ND		ug/kg dry	18.5	18.5	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 22:34	AMC
11104-28-2	Aroclor 1221	ND		ug/kg dry	18.5	18.5	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 22:34	AMC
12674-11-2	Aroclor 1016	ND		ug/kg dry	18.5	18.5	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 22:34	AMC

Sample Information

Client Sample ID: **SP-4 (0-2)** **York Sample ID:** **14G1014-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Pesticides/PCBs, EPA TCL List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1336-36-3	*** Total PCBs**	**83.1**		ug/kg dry	7.40	18.5	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 22:34	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*62.4 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*83.9 %*	*30-140*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7880**		mg/kg dry	1.09	1.09	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:31	MW
7440-36-0	**Antimony**	**0.995**		mg/kg dry	0.544	0.544	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:31	MW
7440-38-2	**Arsenic**	**6.51**		mg/kg dry	1.09	1.09	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:31	MW
7440-39-3	**Barium**	**121**		mg/kg dry	1.09	1.09	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:31	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.109	0.109	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:31	MW
7440-43-9	**Cadmium**	**0.798**		mg/kg dry	0.327	0.327	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:31	MW
7440-70-2	**Calcium**	**8360**		mg/kg dry	0.544	5.44	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:31	MW
7440-47-3	**Chromium**	**29.7**		mg/kg dry	0.544	0.544	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:31	MW
7440-48-4	**Cobalt**	**8.74**		mg/kg dry	0.544	0.544	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:31	MW
7440-50-8	**Copper**	**39.7**		mg/kg dry	0.544	0.544	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:31	MW
7439-89-6	**Iron**	**21200**		mg/kg dry	2.18	2.18	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:31	MW
7439-92-1	**Lead**	**242**		mg/kg dry	0.327	0.327	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:31	MW
7439-95-4	**Magnesium**	**2450**		mg/kg dry	5.44	5.44	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:31	MW
7439-96-5	**Manganese**	**744**		mg/kg dry	0.544	0.544	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:31	MW
7440-02-0	**Nickel**	**24.3**		mg/kg dry	0.544	0.544	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:31	MW
7440-09-7	**Potassium**	**973**		mg/kg dry	5.44	5.44	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:31	MW
7782-49-2	**Selenium**	**4.06**		mg/kg dry	1.09	1.09	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:31	MW
7440-22-4	Silver	ND		mg/kg dry	0.544	0.544	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:31	MW
7440-23-5	**Sodium**	**1060**		mg/kg dry	10.9	10.9	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:31	MW
7440-28-0	Thallium	ND		mg/kg dry	1.09	1.09	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:31	MW
7440-62-2	**Vanadium**	**29.4**		mg/kg dry	1.09	1.09	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:31	MW
7440-66-6	**Zinc**	**148**		mg/kg dry	1.09	1.09	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:31	MW

Sample Information

Client Sample ID: **SP-4 (0-2)** **York Sample ID:** **14G1014-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.593**		mg/kg dry	0.0327	0.0327	1	EPA 7473	07/30/2014 06:19	07/30/2014 12:27	ALD

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.9**		%	0.100	0.100	1	SM 2540G	07/30/2014 10:44	07/30/2014 13:31	ALD

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.544	0.544	1	EPA 9014/9010C	07/31/2014 10:23	07/31/2014 15:12	AD

Sample Information

Client Sample ID: **SP-4 (2-4)** **York Sample ID:** **14G1014-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Volatile Organics, 8260 - TCL/SOM

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	**Acetone**	**2.5**	J, B	ug/kg dry	1.3	5.2	1	EPA 8260C	07/29/2014 08:06	07/29/2014 16:48	SS
71-43-2	Benzene	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	07/29/2014 08:06	07/29/2014 16:48	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	07/29/2014 08:06	07/29/2014 16:48	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	07/29/2014 08:06	07/29/2014 16:48	SS
75-25-2	Bromoform	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	07/29/2014 08:06	07/29/2014 16:48	SS
74-83-9	Bromomethane	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	07/29/2014 08:06	07/29/2014 16:48	SS
78-93-3	2-Butanone	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	07/29/2014 08:06	07/29/2014 16:48	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	07/29/2014 08:06	07/29/2014 16:48	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	07/29/2014 08:06	07/29/2014 16:48	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	07/29/2014 08:06	07/29/2014 16:48	SS
75-00-3	Chloroethane	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	07/29/2014 08:06	07/29/2014 16:48	SS
67-66-3	Chloroform	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	07/29/2014 08:06	07/29/2014 16:48	SS

Sample Information

Client Sample ID: **SP-4 (2-4)** **York Sample ID:** **14G1014-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Volatile Organics, 8260 - TCL/SOM **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	07/29/2014 08:06	07/29/2014 16:48	SS
110-82-7	Cyclohexane	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	07/29/2014 08:06	07/29/2014 16:48	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	07/29/2014 08:06	07/29/2014 16:48	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	07/29/2014 08:06	07/29/2014 16:48	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	07/29/2014 08:06	07/29/2014 16:48	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	07/29/2014 08:06	07/29/2014 16:48	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	07/29/2014 08:06	07/29/2014 16:48	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	07/29/2014 08:06	07/29/2014 16:48	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	07/29/2014 08:06	07/29/2014 16:48	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	07/29/2014 08:06	07/29/2014 16:48	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	07/29/2014 08:06	07/29/2014 16:48	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	07/29/2014 08:06	07/29/2014 16:48	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	07/29/2014 08:06	07/29/2014 16:48	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	07/29/2014 08:06	07/29/2014 16:48	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	07/29/2014 08:06	07/29/2014 16:48	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	07/29/2014 08:06	07/29/2014 16:48	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	07/29/2014 08:06	07/29/2014 16:48	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	26	52	1	EPA 8260C	07/29/2014 08:06	07/29/2014 16:48	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	07/29/2014 08:06	07/29/2014 16:48	SS
591-78-6	2-Hexanone	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	07/29/2014 08:06	07/29/2014 16:48	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	07/29/2014 08:06	07/29/2014 16:48	SS
79-20-9	Methyl acetate	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	07/29/2014 08:06	07/29/2014 16:48	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	07/29/2014 08:06	07/29/2014 16:48	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	07/29/2014 08:06	07/29/2014 16:48	SS
75-09-2	**Methylene chloride**	**4.4**	J	ug/kg dry	1.3	5.2	1	EPA 8260C	07/29/2014 08:06	07/29/2014 16:48	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	07/29/2014 08:06	07/29/2014 16:48	SS
100-42-5	Styrene	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	07/29/2014 08:06	07/29/2014 16:48	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	07/29/2014 08:06	07/29/2014 16:48	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	07/29/2014 08:06	07/29/2014 16:48	SS
108-88-3	**Toluene**	**2.1**	J	ug/kg dry	1.3	2.6	1	EPA 8260C	07/29/2014 08:06	07/29/2014 16:48	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	07/29/2014 08:06	07/29/2014 16:48	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	07/29/2014 08:06	07/29/2014 16:48	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	07/29/2014 08:06	07/29/2014 16:48	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	07/29/2014 08:06	07/29/2014 16:48	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	07/29/2014 08:06	07/29/2014 16:48	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	07/29/2014 08:06	07/29/2014 16:48	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	07/29/2014 08:06	07/29/2014 16:48	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	07/29/2014 08:06	07/29/2014 16:48	SS

Sample Information

Client Sample ID: SP-4 (2-4) **York Sample ID:** 14G1014-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Volatile Organics, 8260 - TCL/SOM

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	o-Xylene	ND		ug/kg dry	1.3	2.6	1	EPA 8260C	07/29/2014 08:06	07/29/2014 16:48	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	07/29/2014 08:06	07/29/2014 16:48	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	3.9	7.7	1	EPA 8260C	07/29/2014 08:06	07/29/2014 16:48	SS

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*94.6 %*	*75-127*
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*105 %*	*67-130*
2037-26-5	*Surrogate: Toluene-d8*	*103 %*	*90-112*

Semi-Volatiles, 8270 - TCL/SOM

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

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	67.0	266	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:35	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	67.0	266	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:35	SR
98-86-2	Acetophenone	ND		ug/kg dry	67.0	266	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:35	SR
120-12-7	Anthracene	ND		ug/kg dry	67.0	266	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:35	SR
1912-24-9	Atrazine	ND		ug/kg dry	67.0	266	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:35	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	67.0	266	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:35	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	67.0	266	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:35	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	67.0	266	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:35	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	67.0	266	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:35	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	134	266	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:35	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	67.0	266	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:35	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	67.0	266	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:35	SR
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	67.0	266	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:35	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	67.0	266	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:35	SR
105-60-2	Caprolactam	ND		ug/kg dry	67.0	266	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:35	SR
86-74-8	Carbazole	ND		ug/kg dry	67.0	266	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:35	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	134	266	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:35	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	134	266	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:35	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	67.0	266	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:35	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	67.0	266	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:35	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	67.0	266	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:35	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	67.0	266	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:35	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	67.0	266	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:35	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	67.0	266	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:35	SR
218-01-9	Chrysene	ND		ug/kg dry	67.0	266	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:35	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	67.0	266	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:35	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	67.0	266	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:35	SR

Sample Information

Client Sample ID: SP-4 (2-4) **York Sample ID:** 14G1014-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Semi-Volatiles, 8270 - TCL/SOM **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	67.0	266	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:35	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	267	531	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:35	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	134	266	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:35	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	67.0	266	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:35	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	67.0	266	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:35	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	67.0	266	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:35	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	134	266	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:35	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	267	532	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:35	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	134	266	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:35	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	67.0	266	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:35	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	67.0	266	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:35	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	67.0	266	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:35	SR
206-44-0	**Fluoranthene**	**77.1**	J	ug/kg dry	67.0	266	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:35	SR
86-73-7	Fluorene	ND		ug/kg dry	67.0	266	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:35	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	67.0	266	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:35	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	67.0	266	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:35	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	134	266	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:35	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	67.0	266	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:35	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	67.0	266	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:35	SR
78-59-1	Isophorone	ND		ug/kg dry	67.0	266	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:35	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	67.0	266	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:35	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	134	266	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:35	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	134	266	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:35	SR
91-20-3	Naphthalene	ND		ug/kg dry	67.0	266	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:35	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	134	266	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:35	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	67.0	266	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:35	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	134	266	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:35	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	67.0	266	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:35	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	67.0	266	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:35	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	134	266	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:35	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	67.0	266	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:35	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	67.0	266	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:35	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	134	266	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:35	SR
85-01-8	Phenanthrene	ND		ug/kg dry	67.0	266	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:35	SR
108-95-2	Phenol	ND		ug/kg dry	67.0	266	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:35	SR
129-00-0	Pyrene	ND		ug/kg dry	67.0	266	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:35	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	134	266	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:35	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	67.0	266	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:35	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	67.0	266	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:35	SR

Sample Information

Client Sample ID: SP-4 (2-4) **York Sample ID:** 14G1014-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Semi-Volatiles, 8270 - TCL/SOM

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

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**							
367-12-4	*Surrogate: 2-Fluorophenol*	*25.6 %*		*10-105*							
4165-62-2	*Surrogate: Phenol-d5*	*47.1 %*		*10-118*							
4165-60-0	*Surrogate: Nitrobenzene-d5*	*27.3 %*		*10-140*							
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*59.9 %*		*10-126*							
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*44.0 %*		*10-150*							
1718-51-0	*Surrogate: Terphenyl-d14*	*63.7 %*		*10-137*							

Pesticides/PCBs, EPA TCL List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	88.8	88.8	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 18:59	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.78	8.78	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 18:59	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 18:59	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 18:59	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 18:59	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 18:59	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 18:59	JW
72-20-8	Endrin	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 18:59	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 18:59	JW
33213-65-9	* Endosulfan II	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 18:59	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 18:59	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 18:59	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 18:59	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.02	7.02	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 18:59	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 18:59	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 18:59	JW
309-00-2	Aldrin	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 18:59	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 18:59	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 18:59	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 18:59	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	18.1	18.1	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 23:03	AMC
11097-69-1	Aroclor 1254	ND		ug/kg dry	18.1	18.1	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 23:03	AMC
12672-29-6	Aroclor 1248	ND		ug/kg dry	18.1	18.1	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 23:03	AMC
53469-21-9	Aroclor 1242	ND		ug/kg dry	18.1	18.1	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 23:03	AMC
11141-16-5	Aroclor 1232	ND		ug/kg dry	18.1	18.1	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 23:03	AMC
11104-28-2	Aroclor 1221	ND		ug/kg dry	18.1	18.1	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 23:03	AMC
12674-11-2	Aroclor 1016	ND		ug/kg dry	18.1	18.1	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 23:03	AMC

Sample Information

Client Sample ID: **SP-4 (2-4)** **York Sample ID:** **14G1014-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Pesticides/PCBs, EPA TCL List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1336-36-3	* Total PCBs	ND		ug/kg dry	7.23	18.1	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 23:03	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*61.6 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*64.3 %*	*30-140*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8500**		mg/kg dry	1.06	1.06	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:36	MW
7440-36-0	Antimony	ND		mg/kg dry	0.532	0.532	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:36	MW
7440-38-2	**Arsenic**	**4.46**		mg/kg dry	1.06	1.06	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:36	MW
7440-39-3	**Barium**	**75.1**		mg/kg dry	1.06	1.06	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:36	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.106	0.106	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:36	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.319	0.319	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:36	MW
7440-70-2	**Calcium**	**4400**		mg/kg dry	0.532	5.32	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:36	MW
7440-47-3	**Chromium**	**18.9**		mg/kg dry	0.532	0.532	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:36	MW
7440-48-4	**Cobalt**	**8.27**		mg/kg dry	0.532	0.532	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:36	MW
7440-50-8	**Copper**	**34.4**		mg/kg dry	0.532	0.532	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:36	MW
7439-89-6	**Iron**	**21800**		mg/kg dry	2.13	2.13	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:36	MW
7439-92-1	**Lead**	**82.3**		mg/kg dry	0.319	0.319	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:36	MW
7439-95-4	**Magnesium**	**2730**		mg/kg dry	5.32	5.32	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:36	MW
7439-96-5	**Manganese**	**530**		mg/kg dry	0.532	0.532	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:36	MW
7440-02-0	**Nickel**	**20.9**		mg/kg dry	0.532	0.532	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:36	MW
7440-09-7	**Potassium**	**1140**		mg/kg dry	5.32	5.32	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:36	MW
7782-49-2	**Selenium**	**3.96**		mg/kg dry	1.06	1.06	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:36	MW
7440-22-4	Silver	ND		mg/kg dry	0.532	0.532	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:36	MW
7440-23-5	**Sodium**	**744**		mg/kg dry	10.6	10.6	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:36	MW
7440-28-0	Thallium	ND		mg/kg dry	1.06	1.06	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:36	MW
7440-62-2	**Vanadium**	**26.5**		mg/kg dry	1.06	1.06	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:36	MW
7440-66-6	**Zinc**	**65.1**		mg/kg dry	1.06	1.06	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:36	MW

Sample Information

Client Sample ID: **SP-4 (2-4)** **York Sample ID:** **14G1014-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.520**		mg/kg dry	0.0319	0.0319	1	EPA 7473	07/30/2014 06:19	07/30/2014 12:41	ALD

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**94.0**		%	0.100	0.100	1	SM 2540G	07/30/2014 10:44	07/30/2014 13:31	ALD

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.532	0.532	1	EPA 9014/9010C	07/31/2014 10:23	07/31/2014 15:12	AD

Sample Information

Client Sample ID: **SP-5 (0-2)** **York Sample ID:** **14G1014-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Volatile Organics, 8260 - TCL/SOM

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	**Acetone**	**6.5**	J, B	ug/kg dry	2.2	8.8	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:17	SS
71-43-2	Benzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:17	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:17	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:17	SS
75-25-2	Bromoform	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:17	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:17	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:17	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:17	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:17	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:17	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:17	SS
67-66-3	Chloroform	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:17	SS

Sample Information

Client Sample ID: SP-5 (0-2) **York Sample ID:** 14G1014-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Volatile Organics, 8260 - TCL/SOM **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:17	SS
110-82-7	Cyclohexane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:17	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:17	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:17	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:17	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:17	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:17	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:17	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:17	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:17	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:17	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:17	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:17	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:17	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:17	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:17	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:17	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	44	88	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:17	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:17	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:17	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:17	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:17	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:17	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:17	SS
75-09-2	Methylene chloride	ND		ug/kg dry	2.2	8.8	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:17	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:17	SS
100-42-5	Styrene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:17	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:17	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:17	SS
108-88-3	Toluene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:17	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:17	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:17	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:17	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:17	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:17	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:17	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:17	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:17	SS

Sample Information

Client Sample ID: SP-5 (0-2) **York Sample ID:** 14G1014-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Volatile Organics, 8260 - TCL/SOM

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	o-Xylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:17	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:17	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.6	13	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:17	SS

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*95.7 %*	*75-127*
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*104 %*	*67-130*
2037-26-5	*Surrogate: Toluene-d8*	*100 %*	*90-112*

Semi-Volatiles, 8270 - TCL/SOM

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

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**318**		ug/kg dry	67.7	269	1	EPA 8270D	07/29/2014 17:00	07/30/2014 12:07	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	67.7	269	1	EPA 8270D	07/29/2014 17:00	07/30/2014 12:07	SR
98-86-2	Acetophenone	ND		ug/kg dry	67.7	269	1	EPA 8270D	07/29/2014 17:00	07/30/2014 12:07	SR
120-12-7	**Anthracene**	**556**		ug/kg dry	67.7	269	1	EPA 8270D	07/29/2014 17:00	07/30/2014 12:07	SR
1912-24-9	Atrazine	ND		ug/kg dry	67.7	269	1	EPA 8270D	07/29/2014 17:00	07/30/2014 12:07	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	67.7	269	1	EPA 8270D	07/29/2014 17:00	07/30/2014 12:07	SR
56-55-3	**Benzo(a)anthracene**	**632**		ug/kg dry	67.7	269	1	EPA 8270D	07/29/2014 17:00	07/30/2014 12:07	SR
50-32-8	**Benzo(a)pyrene**	**385**		ug/kg dry	67.7	269	1	EPA 8270D	07/29/2014 17:00	07/30/2014 12:07	SR
205-99-2	**Benzo(b)fluoranthene**	**288**		ug/kg dry	67.7	269	1	EPA 8270D	07/29/2014 17:00	07/30/2014 12:07	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	135	269	1	EPA 8270D	07/29/2014 17:00	07/30/2014 12:07	SR
207-08-9	**Benzo(k)fluoranthene**	**422**		ug/kg dry	67.7	269	1	EPA 8270D	07/29/2014 17:00	07/30/2014 12:07	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	67.7	269	1	EPA 8270D	07/29/2014 17:00	07/30/2014 12:07	SR
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	67.7	269	1	EPA 8270D	07/29/2014 17:00	07/30/2014 12:07	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	67.7	269	1	EPA 8270D	07/29/2014 17:00	07/30/2014 12:07	SR
105-60-2	Caprolactam	ND		ug/kg dry	67.7	269	1	EPA 8270D	07/29/2014 17:00	07/30/2014 12:07	SR
86-74-8	**Carbazole**	**277**		ug/kg dry	67.7	269	1	EPA 8270D	07/29/2014 17:00	07/30/2014 12:07	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	135	269	1	EPA 8270D	07/29/2014 17:00	07/30/2014 12:07	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	135	269	1	EPA 8270D	07/29/2014 17:00	07/30/2014 12:07	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	67.7	269	1	EPA 8270D	07/29/2014 17:00	07/30/2014 12:07	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	67.7	269	1	EPA 8270D	07/29/2014 17:00	07/30/2014 12:07	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	67.7	269	1	EPA 8270D	07/29/2014 17:00	07/30/2014 12:07	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	67.7	269	1	EPA 8270D	07/29/2014 17:00	07/30/2014 12:07	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	67.7	269	1	EPA 8270D	07/29/2014 17:00	07/30/2014 12:07	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	67.7	269	1	EPA 8270D	07/29/2014 17:00	07/30/2014 12:07	SR
218-01-9	**Chrysene**	**648**		ug/kg dry	67.7	269	1	EPA 8270D	07/29/2014 17:00	07/30/2014 12:07	SR
53-70-3	**Dibenzo(a,h)anthracene**	**81.6**	J	ug/kg dry	67.7	269	1	EPA 8270D	07/29/2014 17:00	07/30/2014 12:07	SR
132-64-9	**Dibenzofuran**	**237**	J	ug/kg dry	67.7	269	1	EPA 8270D	07/29/2014 17:00	07/30/2014 12:07	SR

Sample Information

Client Sample ID: **SP-5 (0-2)** **York Sample ID:** **14G1014-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Semi-Volatiles, 8270 - TCL/SOM **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	67.7	269	1	EPA 8270D	07/29/2014 17:00	07/30/2014 12:07	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	269	537	1	EPA 8270D	07/29/2014 17:00	07/30/2014 12:07	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	135	269	1	EPA 8270D	07/29/2014 17:00	07/30/2014 12:07	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	67.7	269	1	EPA 8270D	07/29/2014 17:00	07/30/2014 12:07	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	67.7	269	1	EPA 8270D	07/29/2014 17:00	07/30/2014 12:07	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	67.7	269	1	EPA 8270D	07/29/2014 17:00	07/30/2014 12:07	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	135	269	1	EPA 8270D	07/29/2014 17:00	07/30/2014 12:07	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	269	537	1	EPA 8270D	07/29/2014 17:00	07/30/2014 12:07	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	135	269	1	EPA 8270D	07/29/2014 17:00	07/30/2014 12:07	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	67.7	269	1	EPA 8270D	07/29/2014 17:00	07/30/2014 12:07	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	67.7	269	1	EPA 8270D	07/29/2014 17:00	07/30/2014 12:07	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	67.7	269	1	EPA 8270D	07/29/2014 17:00	07/30/2014 12:07	SR
206-44-0	**Fluoranthene**	**1520**		ug/kg dry	67.7	269	1	EPA 8270D	07/29/2014 17:00	07/30/2014 12:07	SR
86-73-7	**Fluorene**	**276**		ug/kg dry	67.7	269	1	EPA 8270D	07/29/2014 17:00	07/30/2014 12:07	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	67.7	269	1	EPA 8270D	07/29/2014 17:00	07/30/2014 12:07	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	67.7	269	1	EPA 8270D	07/29/2014 17:00	07/30/2014 12:07	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	135	269	1	EPA 8270D	07/29/2014 17:00	07/30/2014 12:07	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	67.7	269	1	EPA 8270D	07/29/2014 17:00	07/30/2014 12:07	SR
193-39-5	**Indeno(1,2,3-cd)pyrene**	**131**	J	ug/kg dry	67.7	269	1	EPA 8270D	07/29/2014 17:00	07/30/2014 12:07	SR
78-59-1	Isophorone	ND		ug/kg dry	67.7	269	1	EPA 8270D	07/29/2014 17:00	07/30/2014 12:07	SR
91-57-6	**2-Methylnaphthalene**	**135**	J	ug/kg dry	67.7	269	1	EPA 8270D	07/29/2014 17:00	07/30/2014 12:07	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	135	269	1	EPA 8270D	07/29/2014 17:00	07/30/2014 12:07	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	135	269	1	EPA 8270D	07/29/2014 17:00	07/30/2014 12:07	SR
91-20-3	**Naphthalene**	**271**		ug/kg dry	67.7	269	1	EPA 8270D	07/29/2014 17:00	07/30/2014 12:07	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	135	269	1	EPA 8270D	07/29/2014 17:00	07/30/2014 12:07	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	67.7	269	1	EPA 8270D	07/29/2014 17:00	07/30/2014 12:07	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	135	269	1	EPA 8270D	07/29/2014 17:00	07/30/2014 12:07	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	67.7	269	1	EPA 8270D	07/29/2014 17:00	07/30/2014 12:07	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	67.7	269	1	EPA 8270D	07/29/2014 17:00	07/30/2014 12:07	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	135	269	1	EPA 8270D	07/29/2014 17:00	07/30/2014 12:07	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	67.7	269	1	EPA 8270D	07/29/2014 17:00	07/30/2014 12:07	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	67.7	269	1	EPA 8270D	07/29/2014 17:00	07/30/2014 12:07	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	135	269	1	EPA 8270D	07/29/2014 17:00	07/30/2014 12:07	SR
85-01-8	**Phenanthrene**	**1920**		ug/kg dry	67.7	269	1	EPA 8270D	07/29/2014 17:00	07/30/2014 12:07	SR
108-95-2	Phenol	ND		ug/kg dry	67.7	269	1	EPA 8270D	07/29/2014 17:00	07/30/2014 12:07	SR
129-00-0	**Pyrene**	**1240**		ug/kg dry	67.7	269	1	EPA 8270D	07/29/2014 17:00	07/30/2014 12:07	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	135	269	1	EPA 8270D	07/29/2014 17:00	07/30/2014 12:07	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	67.7	269	1	EPA 8270D	07/29/2014 17:00	07/30/2014 12:07	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	67.7	269	1	EPA 8270D	07/29/2014 17:00	07/30/2014 12:07	SR

Sample Information

Client Sample ID: **SP-5 (0-2)** **York Sample ID:** **14G1014-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Semi-Volatiles, 8270 - TCL/SOM

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

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**							
367-12-4	*Surrogate: 2-Fluorophenol*	*29.1 %*		*10-105*							
4165-62-2	*Surrogate: Phenol-d5*	*50.6 %*		*10-118*							
4165-60-0	*Surrogate: Nitrobenzene-d5*	*24.0 %*		*10-140*							
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*61.2 %*		*10-126*							
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*38.3 %*		*10-150*							
1718-51-0	*Surrogate: Terphenyl-d14*	*65.0 %*		*10-137*							

Pesticides/PCBs, EPA TCL List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	89.7	89.7	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 19:15	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.86	8.86	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 19:15	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.77	1.77	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 19:15	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.77	1.77	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 19:15	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.77	1.77	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 19:15	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.77	1.77	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 19:15	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.77	1.77	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 19:15	JW
72-20-8	Endrin	ND		ug/kg dry	1.77	1.77	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 19:15	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.77	1.77	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 19:15	JW
33213-65-9	* Endosulfan II	ND		ug/kg dry	1.77	1.77	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 19:15	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.77	1.77	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 19:15	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.77	1.77	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 19:15	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.77	1.77	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 19:15	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.09	7.09	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 19:15	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.77	1.77	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 19:15	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.77	1.77	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 19:15	JW
309-00-2	Aldrin	ND		ug/kg dry	1.77	1.77	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 19:15	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.77	1.77	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 19:15	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.77	1.77	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 19:15	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.77	1.77	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 19:15	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	18.3	18.3	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 23:32	AMC
11097-69-1	Aroclor 1254	ND		ug/kg dry	18.3	18.3	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 23:32	AMC
12672-29-6	Aroclor 1248	ND		ug/kg dry	18.3	18.3	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 23:32	AMC
53469-21-9	Aroclor 1242	ND		ug/kg dry	18.3	18.3	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 23:32	AMC
11141-16-5	Aroclor 1232	ND		ug/kg dry	18.3	18.3	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 23:32	AMC
11104-28-2	Aroclor 1221	ND		ug/kg dry	18.3	18.3	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 23:32	AMC
12674-11-2	Aroclor 1016	ND		ug/kg dry	18.3	18.3	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 23:32	AMC

Sample Information

Client Sample ID: **SP-5 (0-2)** **York Sample ID:** **14G1014-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Pesticides/PCBs, EPA TCL List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1336-36-3	* Total PCBs	ND		ug/kg dry	7.31	18.3	1	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 23:32	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*71.4 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*77.2 %*	*30-140*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6290**		mg/kg dry	1.07	1.07	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:40	MW
7440-36-0	Antimony	ND		mg/kg dry	0.537	0.537	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:40	MW
7440-38-2	**Arsenic**	**3.67**		mg/kg dry	1.07	1.07	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:40	MW
7440-39-3	**Barium**	**74.3**		mg/kg dry	1.07	1.07	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:40	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.107	0.107	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:40	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.322	0.322	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:40	MW
7440-70-2	**Calcium**	**13900**		mg/kg dry	0.537	5.37	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:40	MW
7440-47-3	**Chromium**	**14.5**		mg/kg dry	0.537	0.537	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:40	MW
7440-48-4	**Cobalt**	**5.94**		mg/kg dry	0.537	0.537	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:40	MW
7440-50-8	**Copper**	**18.5**		mg/kg dry	0.537	0.537	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:40	MW
7439-89-6	**Iron**	**15500**		mg/kg dry	2.15	2.15	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:40	MW
7439-92-1	**Lead**	**136**		mg/kg dry	0.322	0.322	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:40	MW
7439-95-4	**Magnesium**	**1990**		mg/kg dry	5.37	5.37	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:40	MW
7439-96-5	**Manganese**	**297**		mg/kg dry	0.537	0.537	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:40	MW
7440-02-0	**Nickel**	**12.2**		mg/kg dry	0.537	0.537	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:40	MW
7440-09-7	**Potassium**	**999**		mg/kg dry	5.37	5.37	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:40	MW
7782-49-2	**Selenium**	**2.74**		mg/kg dry	1.07	1.07	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:40	MW
7440-22-4	Silver	ND		mg/kg dry	0.537	0.537	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:40	MW
7440-23-5	**Sodium**	**658**		mg/kg dry	10.7	10.7	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:40	MW
7440-28-0	Thallium	ND		mg/kg dry	1.07	1.07	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:40	MW
7440-62-2	**Vanadium**	**21.9**		mg/kg dry	1.07	1.07	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:40	MW
7440-66-6	**Zinc**	**56.0**		mg/kg dry	1.07	1.07	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:40	MW

Sample Information

Client Sample ID: SP-5 (0-2) **York Sample ID:** 14G1014-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**2.93**		mg/kg dry	0.0322	0.0322	1	EPA 7473	07/29/2014 09:58	07/29/2014 17:24	ALD

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.1**		%	0.100	0.100	1	SM 2540G	07/30/2014 10:44	07/30/2014 13:31	ALD

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.537	0.537	1	EPA 9014/9010C	07/31/2014 10:23	07/31/2014 15:12	AD

Sample Information

Client Sample ID: SP-5 (2-4) **York Sample ID:** 14G1014-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Volatile Organics, 8260 - TCL/SOM

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	**Acetone**	**3.4**	J, B	ug/kg dry	1.4	5.4	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:46	SS
71-43-2	Benzene	ND		ug/kg dry	1.4	2.7	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:46	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	1.4	2.7	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:46	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.4	2.7	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:46	SS
75-25-2	Bromoform	ND		ug/kg dry	1.4	2.7	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:46	SS
74-83-9	Bromomethane	ND		ug/kg dry	1.4	2.7	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:46	SS
78-93-3	2-Butanone	ND		ug/kg dry	1.4	2.7	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:46	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	1.4	2.7	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:46	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.4	2.7	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:46	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	1.4	2.7	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:46	SS
75-00-3	Chloroethane	ND		ug/kg dry	1.4	2.7	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:46	SS
67-66-3	Chloroform	ND		ug/kg dry	1.4	2.7	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:46	SS

Sample Information

Client Sample ID: **SP-5 (2-4)** **York Sample ID:** **14G1014-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Volatile Organics, 8260 - TCL/SOM **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/kg dry	1.4	2.7	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:46	SS
110-82-7	Cyclohexane	ND		ug/kg dry	1.4	2.7	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:46	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.4	2.7	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:46	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.4	2.7	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:46	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.4	2.7	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:46	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.4	2.7	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:46	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.4	2.7	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:46	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.4	2.7	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:46	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.4	2.7	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:46	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.4	2.7	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:46	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.4	2.7	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:46	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.4	2.7	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:46	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.4	2.7	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:46	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.4	2.7	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:46	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.4	2.7	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:46	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.4	2.7	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:46	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.4	2.7	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:46	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	27	54	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:46	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.4	2.7	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:46	SS
591-78-6	2-Hexanone	ND		ug/kg dry	1.4	2.7	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:46	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.4	2.7	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:46	SS
79-20-9	Methyl acetate	ND		ug/kg dry	1.4	2.7	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:46	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.4	2.7	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:46	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	1.4	2.7	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:46	SS
75-09-2	**Methylene chloride**	**1.6**	J	ug/kg dry	1.4	5.4	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:46	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	1.4	2.7	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:46	SS
100-42-5	Styrene	ND		ug/kg dry	1.4	2.7	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:46	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.4	2.7	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:46	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.4	2.7	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:46	SS
108-88-3	Toluene	ND		ug/kg dry	1.4	2.7	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:46	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.4	2.7	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:46	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.4	2.7	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:46	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.4	2.7	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:46	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.4	2.7	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:46	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.4	2.7	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:46	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.4	2.7	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:46	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.4	2.7	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:46	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.4	2.7	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:46	SS

Sample Information

Client Sample ID: **SP-5 (2-4)** **York Sample ID:** **14G1014-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Volatile Organics, 8260 - TCL/SOM

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	o-Xylene	ND		ug/kg dry	1.4	2.7	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:46	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:46	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	4.1	8.1	1	EPA 8260C	07/29/2014 08:06	07/29/2014 17:46	SS

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.4 %*	*75-127*
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*102 %*	*67-130*
2037-26-5	*Surrogate: Toluene-d8*	*104 %*	*90-112*

Semi-Volatiles, 8270 - TCL/SOM

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

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**100**	J	ug/kg dry	70.3	279	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:05	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	70.3	279	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:05	SR
98-86-2	Acetophenone	ND		ug/kg dry	70.3	279	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:05	SR
120-12-7	**Anthracene**	**172**	J	ug/kg dry	70.3	279	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:05	SR
1912-24-9	Atrazine	ND		ug/kg dry	70.3	279	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:05	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	70.3	279	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:05	SR
56-55-3	**Benzo(a)anthracene**	**201**	J	ug/kg dry	70.3	279	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:05	SR
50-32-8	**Benzo(a)pyrene**	**148**	J	ug/kg dry	70.3	279	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:05	SR
205-99-2	**Benzo(b)fluoranthene**	**147**	J	ug/kg dry	70.3	279	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:05	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	141	279	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:05	SR
207-08-9	**Benzo(k)fluoranthene**	**127**	J	ug/kg dry	70.3	279	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:05	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	70.3	279	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:05	SR
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	70.3	279	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:05	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	70.3	279	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:05	SR
105-60-2	Caprolactam	ND		ug/kg dry	70.3	279	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:05	SR
86-74-8	**Carbazole**	**78.7**	J	ug/kg dry	70.3	279	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:05	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	141	279	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:05	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	141	279	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:05	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	70.3	279	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:05	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	70.3	279	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:05	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	70.3	279	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:05	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	70.3	279	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:05	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	70.3	279	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:05	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	70.3	279	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:05	SR
218-01-9	**Chrysene**	**194**	J	ug/kg dry	70.3	279	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:05	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	70.3	279	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:05	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	70.3	279	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:05	SR

Sample Information

Client Sample ID: SP-5 (2-4) **York Sample ID:** 14G1014-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Semi-Volatiles, 8270 - TCL/SOM **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	70.3	279	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:05	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	280	558	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:05	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	141	279	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:05	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	70.3	279	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:05	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	70.3	279	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:05	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	70.3	279	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:05	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	141	279	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:05	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	280	558	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:05	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	141	279	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:05	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	70.3	279	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:05	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	70.3	279	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:05	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	70.3	279	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:05	SR
206-44-0	**Fluoranthene**	**510**		ug/kg dry	70.3	279	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:05	SR
86-73-7	**Fluorene**	**82.6**	J	ug/kg dry	70.3	279	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:05	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	70.3	279	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:05	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	70.3	279	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:05	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	141	279	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:05	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	70.3	279	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:05	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	70.3	279	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:05	SR
78-59-1	Isophorone	ND		ug/kg dry	70.3	279	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:05	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	70.3	279	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:05	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	141	279	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:05	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	141	279	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:05	SR
91-20-3	**Naphthalene**	**82.1**	J	ug/kg dry	70.3	279	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:05	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	141	279	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:05	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	70.3	279	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:05	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	141	279	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:05	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	70.3	279	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:05	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	70.3	279	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:05	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	141	279	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:05	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	70.3	279	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:05	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	70.3	279	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:05	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	141	279	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:05	SR
85-01-8	**Phenanthrene**	**667**		ug/kg dry	70.3	279	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:05	SR
108-95-2	Phenol	ND		ug/kg dry	70.3	279	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:05	SR
129-00-0	**Pyrene**	**407**		ug/kg dry	70.3	279	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:05	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	141	279	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:05	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	70.3	279	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:05	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	70.3	279	1	EPA 8270D	07/29/2014 17:00	07/30/2014 10:05	SR

Sample Information

Client Sample ID: **SP-5 (2-4)** **York Sample ID:** **14G1014-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Semi-Volatiles, 8270 - TCL/SOM

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

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**							
367-12-4	*Surrogate: 2-Fluorophenol*	*20.5 %*			*10-105*						
4165-62-2	*Surrogate: Phenol-d5*	*57.2 %*			*10-118*						
4165-60-0	*Surrogate: Nitrobenzene-d5*	*19.0 %*			*10-140*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*64.8 %*			*10-126*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*52.8 %*			*10-150*						
1718-51-0	*Surrogate: Terphenyl-d14*	*74.8 %*			*10-137*						

Pesticides/PCBs, EPA TCL List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	93.2	93.2	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 19:30	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.21	9.21	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 19:30	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 19:30	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 19:30	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 19:30	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 19:30	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 19:30	JW
72-20-8	Endrin	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 19:30	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 19:30	JW
33213-65-9	* Endosulfan II	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 19:30	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 19:30	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 19:30	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 19:30	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.37	7.37	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 19:30	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 19:30	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 19:30	JW
309-00-2	Aldrin	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 19:30	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 19:30	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 19:30	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 19:30	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	19.0	19.0	1	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 00:01	AMC
11097-69-1	Aroclor 1254	ND		ug/kg dry	19.0	19.0	1	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 00:01	AMC
12672-29-6	Aroclor 1248	ND		ug/kg dry	19.0	19.0	1	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 00:01	AMC
53469-21-9	Aroclor 1242	ND		ug/kg dry	19.0	19.0	1	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 00:01	AMC
11141-16-5	Aroclor 1232	ND		ug/kg dry	19.0	19.0	1	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 00:01	AMC
11104-28-2	Aroclor 1221	ND		ug/kg dry	19.0	19.0	1	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 00:01	AMC
12674-11-2	Aroclor 1016	ND		ug/kg dry	19.0	19.0	1	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 00:01	AMC

Sample Information

Client Sample ID: **SP-5 (2-4)** **York Sample ID:** **14G1014-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Pesticides/PCBs, EPA TCL List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1336-36-3	* Total PCBs	ND		ug/kg dry	7.59	19.0	1	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 00:01	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*66.4 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*81.0 %*	*30-140*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7550**		mg/kg dry	1.12	1.12	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:45	MW
7440-36-0	Antimony	ND		mg/kg dry	0.558	0.558	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:45	MW
7440-38-2	**Arsenic**	**4.26**		mg/kg dry	1.12	1.12	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:45	MW
7440-39-3	**Barium**	**69.1**		mg/kg dry	1.12	1.12	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:45	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.112	0.112	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:45	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.335	0.335	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:45	MW
7440-70-2	**Calcium**	**7180**		mg/kg dry	0.558	5.58	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:45	MW
7440-47-3	**Chromium**	**17.8**		mg/kg dry	0.558	0.558	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:45	MW
7440-48-4	**Cobalt**	**7.88**		mg/kg dry	0.558	0.558	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:45	MW
7440-50-8	**Copper**	**26.0**		mg/kg dry	0.558	0.558	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:45	MW
7439-89-6	**Iron**	**28600**		mg/kg dry	2.23	2.23	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:45	MW
7439-92-1	**Lead**	**106**		mg/kg dry	0.335	0.335	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:45	MW
7439-95-4	**Magnesium**	**2500**		mg/kg dry	5.58	5.58	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:45	MW
7439-96-5	**Manganese**	**507**		mg/kg dry	0.558	0.558	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:45	MW
7440-02-0	**Nickel**	**15.3**		mg/kg dry	0.558	0.558	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:45	MW
7440-09-7	**Potassium**	**1170**		mg/kg dry	5.58	5.58	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:45	MW
7782-49-2	**Selenium**	**4.69**		mg/kg dry	1.12	1.12	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:45	MW
7440-22-4	Silver	ND		mg/kg dry	0.558	0.558	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:45	MW
7440-23-5	**Sodium**	**497**		mg/kg dry	11.2	11.2	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:45	MW
7440-28-0	Thallium	ND		mg/kg dry	1.12	1.12	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:45	MW
7440-62-2	**Vanadium**	**26.6**		mg/kg dry	1.12	1.12	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:45	MW
7440-66-6	**Zinc**	**53.8**		mg/kg dry	1.12	1.12	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:45	MW

Sample Information

Client Sample ID: **SP-5 (2-4)** **York Sample ID:** **14G1014-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.751**		mg/kg dry	0.0335	0.0335	1	EPA 7473	07/29/2014 09:58	07/29/2014 17:38	ALD

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.6**		%	0.100	0.100	1	SM 2540G	07/30/2014 10:44	07/30/2014 13:31	ALD

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.558	0.558	1	EPA 9014/9010C	07/31/2014 10:23	07/31/2014 15:12	AD

Sample Information

Client Sample ID: **DUP** **York Sample ID:** **14G1014-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Volatile Organics, 8260 - TCL/SOM

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	**Acetone**	**1.5**	J, B	ug/kg dry	1.5	5.9	1	EPA 8260C	07/29/2014 08:06	07/29/2014 18:15	SS
71-43-2	Benzene	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	07/29/2014 08:06	07/29/2014 18:15	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	07/29/2014 08:06	07/29/2014 18:15	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	07/29/2014 08:06	07/29/2014 18:15	SS
75-25-2	Bromoform	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	07/29/2014 08:06	07/29/2014 18:15	SS
74-83-9	Bromomethane	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	07/29/2014 08:06	07/29/2014 18:15	SS
78-93-3	2-Butanone	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	07/29/2014 08:06	07/29/2014 18:15	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	07/29/2014 08:06	07/29/2014 18:15	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	07/29/2014 08:06	07/29/2014 18:15	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	07/29/2014 08:06	07/29/2014 18:15	SS
75-00-3	Chloroethane	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	07/29/2014 08:06	07/29/2014 18:15	SS
67-66-3	Chloroform	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	07/29/2014 08:06	07/29/2014 18:15	SS

Sample Information

Client Sample ID: DUP

York Sample ID: 14G1014-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	07/29/2014 08:06	07/29/2014 18:15	SS
110-82-7	Cyclohexane	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	07/29/2014 08:06	07/29/2014 18:15	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	07/29/2014 08:06	07/29/2014 18:15	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	07/29/2014 08:06	07/29/2014 18:15	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	07/29/2014 08:06	07/29/2014 18:15	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	07/29/2014 08:06	07/29/2014 18:15	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	07/29/2014 08:06	07/29/2014 18:15	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	07/29/2014 08:06	07/29/2014 18:15	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	07/29/2014 08:06	07/29/2014 18:15	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	07/29/2014 08:06	07/29/2014 18:15	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	07/29/2014 08:06	07/29/2014 18:15	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	07/29/2014 08:06	07/29/2014 18:15	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	07/29/2014 08:06	07/29/2014 18:15	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	07/29/2014 08:06	07/29/2014 18:15	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	07/29/2014 08:06	07/29/2014 18:15	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	07/29/2014 08:06	07/29/2014 18:15	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	07/29/2014 08:06	07/29/2014 18:15	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	30	59	1	EPA 8260C	07/29/2014 08:06	07/29/2014 18:15	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	07/29/2014 08:06	07/29/2014 18:15	SS
591-78-6	2-Hexanone	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	07/29/2014 08:06	07/29/2014 18:15	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	07/29/2014 08:06	07/29/2014 18:15	SS
79-20-9	Methyl acetate	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	07/29/2014 08:06	07/29/2014 18:15	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	07/29/2014 08:06	07/29/2014 18:15	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	07/29/2014 08:06	07/29/2014 18:15	SS
75-09-2	Methylene chloride	ND		ug/kg dry	1.5	5.9	1	EPA 8260C	07/29/2014 08:06	07/29/2014 18:15	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	07/29/2014 08:06	07/29/2014 18:15	SS
100-42-5	Styrene	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	07/29/2014 08:06	07/29/2014 18:15	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	07/29/2014 08:06	07/29/2014 18:15	SS
127-18-4	**Tetrachloroethylene**	**1.9**	J	ug/kg dry	1.5	3.0	1	EPA 8260C	07/29/2014 08:06	07/29/2014 18:15	SS
108-88-3	Toluene	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	07/29/2014 08:06	07/29/2014 18:15	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	07/29/2014 08:06	07/29/2014 18:15	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	07/29/2014 08:06	07/29/2014 18:15	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	07/29/2014 08:06	07/29/2014 18:15	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	07/29/2014 08:06	07/29/2014 18:15	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	07/29/2014 08:06	07/29/2014 18:15	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	07/29/2014 08:06	07/29/2014 18:15	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	07/29/2014 08:06	07/29/2014 18:15	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	07/29/2014 08:06	07/29/2014 18:15	SS

Sample Information

Client Sample ID: DUP

York Sample ID: 14G1014-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	o-Xylene	ND		ug/kg dry	1.5	3.0	1	EPA 8260C	07/29/2014 08:06	07/29/2014 18:15	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	07/29/2014 08:06	07/29/2014 18:15	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	4.4	8.9	1	EPA 8260C	07/29/2014 08:06	07/29/2014 18:15	SS

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*95.6 %*	*75-127*
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*110 %*	*67-130*
2037-26-5	*Surrogate: Toluene-d8*	*104 %*	*90-112*

Semi-Volatiles, 8270 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	71.1	282	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:06	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	71.1	282	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:06	SR
98-86-2	Acetophenone	ND		ug/kg dry	71.1	282	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:06	SR
120-12-7	**Anthracene**	**107**	J	ug/kg dry	71.1	282	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:06	SR
1912-24-9	Atrazine	ND		ug/kg dry	71.1	282	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:06	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	71.1	282	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:06	SR
56-55-3	**Benzo(a)anthracene**	**235**	J	ug/kg dry	71.1	282	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:06	SR
50-32-8	**Benzo(a)pyrene**	**182**	J	ug/kg dry	71.1	282	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:06	SR
205-99-2	**Benzo(b)fluoranthene**	**120**	J	ug/kg dry	71.1	282	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:06	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	142	282	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:06	SR
207-08-9	**Benzo(k)fluoranthene**	**179**	J	ug/kg dry	71.1	282	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:06	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	71.1	282	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:06	SR
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	71.1	282	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:06	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	71.1	282	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:06	SR
105-60-2	Caprolactam	ND		ug/kg dry	71.1	282	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:06	SR
86-74-8	Carbazole	ND		ug/kg dry	71.1	282	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:06	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	142	282	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:06	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	142	282	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:06	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	71.1	282	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:06	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	71.1	282	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:06	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	71.1	282	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:06	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	71.1	282	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:06	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	71.1	282	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:06	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	71.1	282	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:06	SR
218-01-9	**Chrysene**	**242**	J	ug/kg dry	71.1	282	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:06	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	71.1	282	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:06	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	71.1	282	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:06	SR

Sample Information

Client Sample ID: DUP

York Sample ID: 14G1014-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Semi-Volatiles, 8270 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	71.1	282	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:06	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	283	563	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:06	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	142	282	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:06	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	71.1	282	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:06	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	71.1	282	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:06	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	71.1	282	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:06	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	142	282	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:06	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	283	564	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:06	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	142	282	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:06	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	71.1	282	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:06	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	71.1	282	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:06	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	71.1	282	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:06	SR
206-44-0	**Fluoranthene**	**532**		ug/kg dry	71.1	282	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:06	SR
86-73-7	Fluorene	ND		ug/kg dry	71.1	282	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:06	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	71.1	282	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:06	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	71.1	282	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:06	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	142	282	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:06	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	71.1	282	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:06	SR
193-39-5	**Indeno(1,2,3-cd)pyrene**	**71.1**	J	ug/kg dry	71.1	282	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:06	SR
78-59-1	Isophorone	ND		ug/kg dry	71.1	282	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:06	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	71.1	282	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:06	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	142	282	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:06	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	142	282	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:06	SR
91-20-3	Naphthalene	ND		ug/kg dry	71.1	282	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:06	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	142	282	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:06	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	71.1	282	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:06	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	142	282	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:06	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	71.1	282	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:06	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	71.1	282	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:06	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	142	282	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:06	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	71.1	282	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:06	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	71.1	282	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:06	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	142	282	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:06	SR
85-01-8	**Phenanthrene**	**434**		ug/kg dry	71.1	282	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:06	SR
108-95-2	Phenol	ND		ug/kg dry	71.1	282	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:06	SR
129-00-0	**Pyrene**	**495**		ug/kg dry	71.1	282	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:06	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	142	282	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:06	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	71.1	282	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:06	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	71.1	282	1	EPA 8270D	07/29/2014 17:00	07/30/2014 11:06	SR

Sample Information

Client Sample ID: DUP

York Sample ID: 14G1014-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Semi-Volatiles, 8270 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**							
367-12-4	*Surrogate: 2-Fluorophenol*	*25.1 %*		*10-105*							
4165-62-2	*Surrogate: Phenol-d5*	*54.0 %*		*10-118*							
4165-60-0	*Surrogate: Nitrobenzene-d5*	*19.3 %*		*10-140*							
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*63.8 %*		*10-126*							
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*54.0 %*		*10-150*							
1718-51-0	*Surrogate: Terphenyl-d14*	*71.8 %*		*10-137*							

Pesticides/PCBs, EPA TCL List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	94.2	94.2	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 19:46	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.30	9.30	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 19:46	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 19:46	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 19:46	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 19:46	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 19:46	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 19:46	JW
72-20-8	Endrin	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 19:46	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 19:46	JW
33213-65-9	* Endosulfan II	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 19:46	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 19:46	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 19:46	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 19:46	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.44	7.44	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 19:46	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 19:46	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 19:46	JW
309-00-2	Aldrin	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 19:46	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 19:46	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 19:46	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	07/29/2014 16:29	07/30/2014 19:46	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	19.2	19.2	1	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 00:31	AMC
11097-69-1	Aroclor 1254	ND		ug/kg dry	19.2	19.2	1	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 00:31	AMC
12672-29-6	Aroclor 1248	ND		ug/kg dry	19.2	19.2	1	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 00:31	AMC
53469-21-9	Aroclor 1242	ND		ug/kg dry	19.2	19.2	1	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 00:31	AMC
11141-16-5	Aroclor 1232	ND		ug/kg dry	19.2	19.2	1	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 00:31	AMC
11104-28-2	Aroclor 1221	ND		ug/kg dry	19.2	19.2	1	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 00:31	AMC
12674-11-2	Aroclor 1016	ND		ug/kg dry	19.2	19.2	1	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 00:31	AMC

Sample Information

Client Sample ID: DUP

York Sample ID: 14G1014-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Pesticides/PCBs, EPA TCL List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1336-36-3	* Total PCBs	ND		ug/kg dry	7.67	19.2	1	EPA 8081B/8082A	07/29/2014 16:29	07/31/2014 00:31	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*63.1 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*71.4 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7680**		mg/kg dry	1.13	1.13	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:50	MW
7440-36-0	Antimony	ND		mg/kg dry	0.564	0.564	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:50	MW
7440-38-2	**Arsenic**	**2.78**		mg/kg dry	1.13	1.13	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:50	MW
7440-39-3	**Barium**	**47.2**		mg/kg dry	1.13	1.13	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:50	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.113	0.113	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:50	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.338	0.338	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:50	MW
7440-70-2	**Calcium**	**2860**		mg/kg dry	0.564	5.64	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:50	MW
7440-47-3	**Chromium**	**14.0**		mg/kg dry	0.564	0.564	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:50	MW
7440-48-4	**Cobalt**	**5.57**		mg/kg dry	0.564	0.564	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:50	MW
7440-50-8	**Copper**	**12.7**		mg/kg dry	0.564	0.564	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:50	MW
7439-89-6	**Iron**	**16600**		mg/kg dry	2.26	2.26	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:50	MW
7439-92-1	**Lead**	**40.1**		mg/kg dry	0.338	0.338	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:50	MW
7439-95-4	**Magnesium**	**2520**		mg/kg dry	5.64	5.64	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:50	MW
7439-96-5	**Manganese**	**332**		mg/kg dry	0.564	0.564	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:50	MW
7440-02-0	**Nickel**	**10.1**		mg/kg dry	0.564	0.564	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:50	MW
7440-09-7	**Potassium**	**777**		mg/kg dry	5.64	5.64	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:50	MW
7782-49-2	**Selenium**	**2.59**		mg/kg dry	1.13	1.13	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:50	MW
7440-22-4	Silver	ND		mg/kg dry	0.564	0.564	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:50	MW
7440-23-5	**Sodium**	**237**		mg/kg dry	11.3	11.3	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:50	MW
7440-28-0	Thallium	ND		mg/kg dry	1.13	1.13	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:50	MW
7440-62-2	**Vanadium**	**20.1**		mg/kg dry	1.13	1.13	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:50	MW
7440-66-6	**Zinc**	**32.3**		mg/kg dry	1.13	1.13	1	EPA 6010C	07/30/2014 08:40	07/30/2014 11:50	MW

Sample Information

Client Sample ID: DUP | **York Sample ID:** 14G1014-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Soil	July 23, 2014 3:00 pm	07/24/2014

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0498**		mg/kg dry	0.0338	0.0338	1	EPA 7473	07/29/2014 09:58	07/29/2014 17:52	ALD

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.7**		%	0.100	0.100	1	SM 2540G	07/30/2014 10:44	07/30/2014 13:31	ALD

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.564	0.564	1	EPA 9014/9010C	07/31/2014 10:23	07/31/2014 15:12	AD

Sample Information

Client Sample ID: Equipment Blank | **York Sample ID:** 14G1014-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Water	July 23, 2014 3:00 pm	07/24/2014

Volatile Organics, 8260 - TCL/SOM (low level)

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/29/2014 16:31	07/30/2014 07:36	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/29/2014 16:31	07/30/2014 07:36	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	07/29/2014 16:31	07/30/2014 07:36	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/29/2014 16:31	07/30/2014 07:36	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/29/2014 16:31	07/30/2014 07:36	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/29/2014 16:31	07/30/2014 07:36	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/29/2014 16:31	07/30/2014 07:36	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/29/2014 16:31	07/30/2014 07:36	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/29/2014 16:31	07/30/2014 07:36	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/29/2014 16:31	07/30/2014 07:36	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/29/2014 16:31	07/30/2014 07:36	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/29/2014 16:31	07/30/2014 07:36	SS

Sample Information

Client Sample ID: **Equipment Blank** **York Sample ID:** **14G1014-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Water	July 23, 2014 3:00 pm	07/24/2014

Volatile Organics, 8260 - TCL/SOM (low level) **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/29/2014 16:31	07/30/2014 07:36	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/29/2014 16:31	07/30/2014 07:36	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/29/2014 16:31	07/30/2014 07:36	SS
78-93-3	2-Butanone	ND		ug/L	0.50	0.50	1	EPA 8260C	07/29/2014 16:31	07/30/2014 07:36	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	07/29/2014 16:31	07/30/2014 07:36	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	07/29/2014 16:31	07/30/2014 07:36	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	07/29/2014 16:31	07/30/2014 07:36	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/29/2014 16:31	07/30/2014 07:36	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/29/2014 16:31	07/30/2014 07:36	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/29/2014 16:31	07/30/2014 07:36	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	07/29/2014 16:31	07/30/2014 07:36	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/29/2014 16:31	07/30/2014 07:36	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	07/29/2014 16:31	07/30/2014 07:36	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	07/29/2014 16:31	07/30/2014 07:36	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/29/2014 16:31	07/30/2014 07:36	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/29/2014 16:31	07/30/2014 07:36	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	07/29/2014 16:31	07/30/2014 07:36	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/29/2014 16:31	07/30/2014 07:36	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/29/2014 16:31	07/30/2014 07:36	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/29/2014 16:31	07/30/2014 07:36	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/29/2014 16:31	07/30/2014 07:36	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/29/2014 16:31	07/30/2014 07:36	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/29/2014 16:31	07/30/2014 07:36	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/29/2014 16:31	07/30/2014 07:36	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/29/2014 16:31	07/30/2014 07:36	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	07/29/2014 16:31	07/30/2014 07:36	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	07/29/2014 16:31	07/30/2014 07:36	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/29/2014 16:31	07/30/2014 07:36	SS
75-09-2	**Methylene chloride**	**1.9**	J	ug/L	1.0	2.0	1	EPA 8260C	07/29/2014 16:31	07/30/2014 07:36	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/29/2014 16:31	07/30/2014 07:36	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	07/29/2014 16:31	07/30/2014 07:36	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/29/2014 16:31	07/30/2014 07:36	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/29/2014 16:31	07/30/2014 07:36	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/29/2014 16:31	07/30/2014 07:36	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/29/2014 16:31	07/30/2014 07:36	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/29/2014 16:31	07/30/2014 07:36	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/29/2014 16:31	07/30/2014 07:36	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/29/2014 16:31	07/30/2014 07:36	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA 8260C	07/29/2014 16:31	07/30/2014 07:36	SS

Sample Information

Client Sample ID: **Equipment Blank** **York Sample ID:** **14G1014-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Water	July 23, 2014 3:00 pm	07/24/2014

Volatile Organics, 8260 - TCL/SOM (low level)

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	07/29/2014 16:31	07/30/2014 07:36	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*103 %*	*81-123*
2037-26-5	*Surrogate: Toluene-d8*	*94.0 %*	*88-114*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*101 %*	*70-128*

Semi-Volatiles, 8270 - TCL/SOM - Low Level

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	07/29/2014 06:27	07/29/2014 14:19	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	07/29/2014 06:27	07/29/2014 14:19	SR
98-86-2	Acetophenone	ND		ug/L	2.63	5.26	1	EPA 8270D	07/29/2014 06:27	07/29/2014 18:18	SR
120-12-7	Anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	07/29/2014 06:27	07/29/2014 14:19	SR
1912-24-9	Atrazine	ND		ug/L	0.526	0.526	1	EPA 8270D	07/29/2014 06:27	07/29/2014 14:19	SR
100-52-7	Benzaldehyde	ND		ug/L	2.63	5.26	1	EPA 8270D	07/29/2014 06:27	07/29/2014 18:18	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	07/29/2014 06:27	07/29/2014 14:19	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	07/29/2014 06:27	07/29/2014 14:19	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	07/29/2014 06:27	07/29/2014 14:19	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	07/29/2014 06:27	07/29/2014 14:19	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	07/29/2014 06:27	07/29/2014 14:19	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	07/29/2014 06:27	07/29/2014 18:18	SR
92-52-4	1,1'-Biphenyl	ND		ug/L	2.63	5.26	1	EPA 8270D	07/29/2014 06:27	07/29/2014 18:18	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D	07/29/2014 06:27	07/29/2014 18:18	SR
105-60-2	Caprolactam	ND		ug/L	2.63	5.26	1	EPA 8270D	07/29/2014 06:27	07/29/2014 18:18	SR
86-74-8	Carbazole	ND		ug/L	2.63	5.26	1	EPA 8270D	07/29/2014 06:27	07/29/2014 18:18	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D	07/29/2014 06:27	07/29/2014 18:18	SR
106-47-8	4-Chloroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D	07/29/2014 06:27	07/29/2014 18:18	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.63	5.26	1	EPA 8270D	07/29/2014 06:27	07/29/2014 18:18	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D	07/29/2014 06:27	07/29/2014 18:18	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D	07/29/2014 06:27	07/29/2014 18:18	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D	07/29/2014 06:27	07/29/2014 18:18	SR
95-57-8	2-Chlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	07/29/2014 06:27	07/29/2014 18:18	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D	07/29/2014 06:27	07/29/2014 18:18	SR
218-01-9	Chrysene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	07/29/2014 06:27	07/29/2014 14:19	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	07/29/2014 06:27	07/29/2014 14:19	SR
132-64-9	Dibenzofuran	ND		ug/L	2.63	5.26	1	EPA 8270D	07/29/2014 06:27	07/29/2014 18:18	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	07/29/2014 06:27	07/29/2014 18:18	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.63	5.26	1	EPA 8270D	07/29/2014 06:27	07/29/2014 18:18	SR

Sample Information

Client Sample ID: **Equipment Blank** **York Sample ID:** **14G1014-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Water	July 23, 2014 3:00 pm	07/24/2014

Semi-Volatiles, 8270 - TCL/SOM - Low Level **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	07/29/2014 06:27	07/29/2014 18:18	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	07/29/2014 06:27	07/29/2014 18:18	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D	07/29/2014 06:27	07/29/2014 18:18	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	07/29/2014 06:27	07/29/2014 18:18	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D	07/29/2014 06:27	07/29/2014 18:18	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	07/29/2014 06:27	07/29/2014 18:18	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D	07/29/2014 06:27	07/29/2014 18:18	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D	07/29/2014 06:27	07/29/2014 18:18	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	07/29/2014 06:27	07/29/2014 18:18	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.526	0.526	1	EPA 8270D	07/29/2014 06:27	07/29/2014 18:18	SR
206-44-0	Fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	07/29/2014 06:27	07/29/2014 14:19	SR
86-73-7	Fluorene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	07/29/2014 06:27	07/29/2014 14:19	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0211	0.0211	1	EPA 8270D	07/29/2014 06:27	07/29/2014 14:19	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.526	0.526	1	EPA 8270D	07/29/2014 06:27	07/29/2014 14:19	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.63	5.26	1	EPA 8270D	07/29/2014 06:27	07/29/2014 18:18	SR
67-72-1	Hexachloroethane	ND		ug/L	0.526	0.526	1	EPA 8270D	07/29/2014 06:27	07/29/2014 14:19	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	07/29/2014 06:27	07/29/2014 14:19	SR
78-59-1	Isophorone	ND		ug/L	2.63	5.26	1	EPA 8270D	07/29/2014 06:27	07/29/2014 18:18	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D	07/29/2014 06:27	07/29/2014 18:18	SR
95-48-7	2-Methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D	07/29/2014 06:27	07/29/2014 18:18	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.63	5.26	1	EPA 8270D	07/29/2014 06:27	07/29/2014 18:18	SR
91-20-3	Naphthalene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	07/29/2014 06:27	07/29/2014 14:19	SR
99-09-2	3-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D	07/29/2014 06:27	07/29/2014 18:18	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D	07/29/2014 06:27	07/29/2014 18:18	SR
88-74-4	2-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D	07/29/2014 06:27	07/29/2014 18:18	SR
98-95-3	Nitrobenzene	ND		ug/L	0.263	0.263	1	EPA 8270D	07/29/2014 06:27	07/29/2014 14:19	SR
100-02-7	4-Nitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	07/29/2014 06:27	07/29/2014 18:18	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	07/29/2014 06:27	07/29/2014 18:18	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.63	5.26	1	EPA 8270D	07/29/2014 06:27	07/29/2014 18:18	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.63	5.26	1	EPA 8270D	07/29/2014 06:27	07/29/2014 18:18	SR
87-86-5	Pentachlorophenol	ND		ug/L	0.263	0.263	1	EPA 8270D	07/29/2014 06:27	07/29/2014 14:19	SR
85-01-8	Phenanthrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	07/29/2014 06:27	07/29/2014 14:19	SR
108-95-2	Phenol	ND		ug/L	2.63	5.26	1	EPA 8270D	07/29/2014 06:27	07/29/2014 18:18	SR
129-00-0	Pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	07/29/2014 06:27	07/29/2014 14:19	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D	07/29/2014 06:27	07/29/2014 18:18	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	07/29/2014 06:27	07/29/2014 18:18	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	07/29/2014 06:27	07/29/2014 18:18	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*34.5 %*	*10-53*

Sample Information

Client Sample ID: **Equipment Blank** **York Sample ID:** **14G1014-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Water	July 23, 2014 3:00 pm	07/24/2014

Semi-Volatiles, 8270 - TCL/SOM - Low Level

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-62-2	*Surrogate: Phenol-d5*	*20.9 %*			*10-39*						
4165-60-0	*Surrogate: Nitrobenzene-d5*	*69.6 %*			*10-120*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*51.5 %*			*10-108*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*60.2 %*			*10-150*						
1718-51-0	*Surrogate: Terphenyl-d14*	*60.6 %*			*10-143*						

Pesticides/PCBs, EPA TCL List

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

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/L	0.105	0.105	1	EPA 8081B/8082A	07/29/2014 06:31	07/29/2014 17:55	JW
72-43-5	Methoxychlor	ND		ug/L	0.00421	0.00421	1	EPA 8081B/8082A	07/29/2014 06:31	07/29/2014 17:55	JW
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00421	0.00421	1	EPA 8081B/8082A	07/29/2014 06:31	07/29/2014 17:55	JW
76-44-8	Heptachlor	ND		ug/L	0.00421	0.00421	1	EPA 8081B/8082A	07/29/2014 06:31	07/29/2014 17:55	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00421	0.00421	1	EPA 8081B/8082A	07/29/2014 06:31	07/29/2014 17:55	JW
53494-70-5	Endrin ketone	ND		ug/L	0.0105	0.0105	1	EPA 8081B/8082A	07/29/2014 06:31	07/29/2014 17:55	JW
7421-93-4	Endrin aldehyde	ND		ug/L	0.0105	0.0105	1	EPA 8081B/8082A	07/29/2014 06:31	07/29/2014 17:55	JW
72-20-8	Endrin	ND		ug/L	0.00421	0.00421	1	EPA 8081B/8082A	07/29/2014 06:31	07/29/2014 17:55	JW
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00421	0.00421	1	EPA 8081B/8082A	07/29/2014 06:31	07/29/2014 17:55	JW
33213-65-9	Endosulfan II	ND		ug/L	0.00421	0.00421	1	EPA 8081B/8082A	07/29/2014 06:31	07/29/2014 17:55	JW
959-98-8	Endosulfan I	ND		ug/L	0.00421	0.00421	1	EPA 8081B/8082A	07/29/2014 06:31	07/29/2014 17:55	JW
60-57-1	Dieldrin	ND		ug/L	0.00211	0.00211	1	EPA 8081B/8082A	07/29/2014 06:31	07/29/2014 17:55	JW
319-86-8	delta-BHC	ND		ug/L	0.00421	0.00421	1	EPA 8081B/8082A	07/29/2014 06:31	07/29/2014 17:55	JW
57-74-9	Chlordane, total	ND		ug/L	0.0421	0.0421	1	EPA 8081B/8082A	07/29/2014 06:31	07/29/2014 17:55	JW
319-85-7	beta-BHC	ND		ug/L	0.00421	0.00421	1	EPA 8081B/8082A	07/29/2014 06:31	07/29/2014 17:55	JW
319-84-6	alpha-BHC	ND		ug/L	0.00421	0.00421	1	EPA 8081B/8082A	07/29/2014 06:31	07/29/2014 17:55	JW
309-00-2	Aldrin	ND		ug/L	0.00421	0.00421	1	EPA 8081B/8082A	07/29/2014 06:31	07/29/2014 17:55	JW
50-29-3	4,4'-DDT	ND		ug/L	0.00421	0.00421	1	EPA 8081B/8082A	07/29/2014 06:31	07/29/2014 17:55	JW
72-55-9	4,4'-DDE	ND		ug/L	0.00421	0.00421	1	EPA 8081B/8082A	07/29/2014 06:31	07/29/2014 17:55	JW
72-54-8	4,4'-DDD	ND		ug/L	0.00421	0.00421	1	EPA 8081B/8082A	07/29/2014 06:31	07/29/2014 17:55	JW
11096-82-5	Aroclor 1260	ND		ug/L	0.0444	0.0526	1	EPA 8081B/8082A	07/29/2014 06:31	07/30/2014 17:00	AMC
11097-69-1	Aroclor 1254	ND		ug/L	0.0444	0.0526	1	EPA 8081B/8082A	07/29/2014 06:31	07/30/2014 17:00	AMC
12672-29-6	Aroclor 1248	ND		ug/L	0.0382	0.0526	1	EPA 8081B/8082A	07/29/2014 06:31	07/30/2014 17:00	AMC
53469-21-9	Aroclor 1242	ND		ug/L	0.0382	0.0526	1	EPA 8081B/8082A	07/29/2014 06:31	07/30/2014 17:00	AMC
11141-16-5	Aroclor 1232	ND		ug/L	0.0382	0.0526	1	EPA 8081B/8082A	07/29/2014 06:31	07/30/2014 17:00	AMC
11104-28-2	Aroclor 1221	ND		ug/L	0.0382	0.0526	1	EPA 8081B/8082A	07/29/2014 06:31	07/30/2014 17:00	AMC
12674-11-2	Aroclor 1016	ND		ug/L	0.0382	0.0526	1	EPA 8081B/8082A	07/29/2014 06:31	07/30/2014 17:00	AMC
1336-36-3	* Total PCBs	ND		ug/L	0.0382	0.0526	1	EPA 8081B/8082A	07/29/2014 06:31	07/30/2014 17:00	AMC

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: **Equipment Blank** **York Sample ID:** **14G1014-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Water	July 23, 2014 3:00 pm	07/24/2014

Pesticides/PCBs, EPA TCL List

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

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*47.3 %*			*30-120*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*78.8 %*			*30-120*						

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.024**		mg/L	0.010	0.010	1	EPA 6010C	07/29/2014 14:48	07/30/2014 00:07	MW
7440-36-0	Antimony	ND		mg/L	0.005	0.005	1	EPA 6010C	07/29/2014 14:48	07/30/2014 00:07	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C	07/29/2014 14:48	07/30/2014 00:07	MW
7440-39-3	Barium	ND		mg/L	0.010	0.010	1	EPA 6010C	07/29/2014 14:48	07/30/2014 00:07	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C	07/29/2014 14:48	07/30/2014 00:07	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C	07/29/2014 14:48	07/30/2014 00:07	MW
7440-70-2	**Calcium**	**0.064**		mg/L	0.050	0.050	1	EPA 6010C	07/29/2014 14:48	07/30/2014 00:07	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C	07/29/2014 14:48	07/30/2014 00:07	MW
7440-48-4	Cobalt	ND		mg/L	0.005	0.005	1	EPA 6010C	07/29/2014 14:48	07/30/2014 00:07	MW
7440-50-8	Copper	ND		mg/L	0.003	0.003	1	EPA 6010C	07/29/2014 14:48	07/30/2014 00:07	MW
7439-89-6	Iron	ND		mg/L	0.020	0.020	1	EPA 6010C	07/29/2014 14:48	07/30/2014 00:07	MW
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA 6010C	07/29/2014 14:48	07/30/2014 00:07	MW
7439-95-4	Magnesium	ND		mg/L	0.050	0.050	1	EPA 6010C	07/29/2014 14:48	07/30/2014 00:07	MW
7439-96-5	Manganese	ND		mg/L	0.005	0.005	1	EPA 6010C	07/29/2014 14:48	07/30/2014 00:07	MW
7440-02-0	Nickel	ND		mg/L	0.005	0.005	1	EPA 6010C	07/29/2014 14:48	07/30/2014 00:07	MW
7440-09-7	Potassium	ND		mg/L	0.050	0.050	1	EPA 6010C	07/29/2014 14:48	07/30/2014 00:07	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C	07/29/2014 14:48	07/30/2014 00:07	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C	07/29/2014 14:48	07/30/2014 00:07	MW
7440-23-5	Sodium	ND		mg/L	0.100	0.100	1	EPA 6010C	07/29/2014 14:48	07/30/2014 00:07	MW
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA 6010C	07/29/2014 14:48	07/30/2014 00:07	MW
7440-62-2	Vanadium	ND		mg/L	0.010	0.010	1	EPA 6010C	07/29/2014 14:48	07/30/2014 00:07	MW
7440-66-6	Zinc	ND		mg/L	0.010	0.010	1	EPA 6010C	07/29/2014 14:48	07/30/2014 00:07	MW

Sample Information

Client Sample ID: **Equipment Blank** **York Sample ID:** **14G1014-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1014	929 Atlantic Ave Brooklyn	Water	July 23, 2014 3:00 pm	07/24/2014

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	0.00020	1	EPA 7473	07/30/2014 11:46	07/31/2014 07:04	ALD

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	0.0100	1	SM 4500 CN C/E	07/30/2014 08:21	07/30/2014 15:55	AD

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
14G1014-01	SP-1(0-2)	40mL Vial with Stir Bar-Cool 4° C
14G1014-02	SP-1(10-12)	40mL Vial with Stir Bar-Cool 4° C
14G1014-03	SP-2 (0-2)	40mL Vial with Stir Bar-Cool 4° C
14G1014-04	SP-2 (10-12)	40mL Vial with Stir Bar-Cool 4° C
14G1014-05	SP-3 (0-2)	40mL Vial with Stir Bar-Cool 4° C
14G1014-06	SP-3 (10-12)	40mL Vial with Stir Bar-Cool 4° C
14G1014-07	SP-4 (0-2)	40mL Vial with Stir Bar-Cool 4° C
14G1014-08	SP-4 (2-4)	40mL Vial with Stir Bar-Cool 4° C
14G1014-09	SP-5 (0-2)	40mL Vial with Stir Bar-Cool 4° C
14G1014-10	SP-5 (2-4)	40mL Vial with Stir Bar-Cool 4° C
14G1014-11	DUP	40mL Vial with Stir Bar-Cool 4° C
14G1014-12	Equipment Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

S-08	The recovery of this surrogate was outside of QC limits.
S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interferences.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-MISpk	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The SRM was within acceptance limits, therefore data are acceptable.
M-ACCB	Analyte in CCB. Run is bracketed by acceptable CCBs.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

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*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Field Chain-of-Custody Record

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

York Project No. 14G-1014

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type
Company: Alpha-Hydro Env	Company: Alpha-Hydro Env	Company: Alpha-Hydro Env	929 Atlantic Ave Brooklyn, NY	RUSH - Same Day ☐	Summary Report ✓
Address: 1503 Wave Ave Medford NY 11763	Address: 1503 Wave Ave Medford, NY 11763	Address:	Purchase Order No. 706 # 14-1336	RUSH - Next Day ☐	Summary w/ QA Summary
Phone No. (631) 448-1862	Phone No. (631) 448-1862	Phone No.		RUSH - Two Day ☐	CT RCP Package
Contact Person: David Oloke	Attention: David Oloke	Attention: Accts. Payable		RUSH - Three Day ☐	CTRCP DQA/DUE Pkg
E-Mail Address:	E-Mail Address:	E-Mail Address:	Samples from: CT___ NY___ NJ___	RUSH - Four Day ☐	NY ASP A Package
				Standard(5-7 Days) ✓	NY ASP B Package
					NJDEP Red. Deliv.
					Electronic Data Deliverables (EDD)
					Simple Excel
					NYSDEC EQuIS
					EQuIS (std)
					EZ-EDD (EQuIS)
					NJDEP SRP HazSite EDD
					GIS/KEY (std)
					Other
					York Regulatory Comparison Excel Spreadsheet
					Compare to the following Regs. (please fill in):

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

David Oloke
Samples Collected/Authorized By (Signature)

David Oloke
Name (printed)

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

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

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
SP-1 (0-2)	7/23/14	S	FULL TCL & TAL METALS LIST	4 (VOAs) 1 (8oz)
SP-1 (10-12)				
SP-2 (0-2)				
SP-2 (10-12)				
SP-3 (0-2)				
SP-3 (10-12)				
SP-4 (0-2)				
SP-4 (2-4)				
SP-5 (0-2)				
SP-5 (2-4)				

Comments

Preservation Check those Applicable: 4°C___ Frozen___ HCl___ MeOH___ HNO_3___ H_2SO_4___ NaOH___ ZnAc Ascorbic Acid Other

Special Instructions
Field Filtered ☐
Lab to Filter ☐

David Oloke 7/24/14 8:30 am
Samples Relinquished By — Date/Time

K Beeler 7-24-14 1:20 pm
Samples Received By — Date/Time

Samples Relinquished By — Date/Time

7-24-14 1:20
Samples Received in LAB by — Date/Time

Temperature on Receipt 36

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

Field Chain-of-Custody Record

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

York Project No. 14G1014

YOUR Information

Company: Alpha-Hydro Env
Address: 1503 Wave Ave
Medford, NY 11763
Phone No. (631) 448-1862
Contact Person: David Oloke
E-Mail Address:

Report To:

Company: Alpha-Hydro Env
Address: 1503 Wave Ave
Medford, NY 11763
Phone No. (631) 448-1862
Attention: David Oloke
E-Mail Address:

Invoice To:

Company: Alpha-Hydro Env
Address:
Phone No.
Attention: Accts. Payable
E-Mail Address:

YOUR Project ID

929 Atlantic Ave
Brooklyn, NY

Purchase Order No.

Job # 14-1336

Samples from: CT___ NY___ NJ___

Turn-Around Time

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

Report Type

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

Electronic Data Deliverables (EDD)

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

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

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

David Oloke
Samples Collected/Authorized By (Signature)

David Oloke
Name (printed)

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

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded Not Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
DUP	7/23/14	S	FULL TCL & TAL METALS LIST	4(vows) 1 (8oz)
Equipment Blank	7/23/14	S	" "	2(vows) 2(250ml) 3(1L)

Comments

Preservation Check those Applicable: 4°C___ Frozen___ HCl___ MeOH___ HNO_3___ H_2SO_4___ NaOH___ ZnAc___ Ascorbic Acid___ Other___

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
David Oloke	7/24/14 8:30 am	K Baile	7/24/14 12:20 pm
		[illegible]	7/24/14 (805
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time

Temperature on Receipt: 36

Technical Report

prepared for:

Alpha-Hydro Environmental
1503 Wave Avenue
Medford NY, 11763
Attention: David Oloke

Report Date: 07/31/2014
Client Project ID: 929 Atlantic Ave Brooklyn, NY
York Project (SDG) No.: 14G1070

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

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

Report Date: 07/31/2014
Client Project ID: 929 Atlantic Ave Brooklyn, NY
York Project (SDG) No.: 14G1070

Alpha-Hydro Environmental
1503 Wave Avenue
Medford NY, 11763
Attention: David Oloke

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on July 24, 2014 and listed below. The project was identified as your project: **929 Atlantic Ave Brooklyn, NY**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
14G1070-01	TW-1	Water	07/23/2014	07/24/2014
14G1070-02	Trip Blank	Water	07/23/2014	07/24/2014

General Notes for York Project (SDG) No.: 14G1070

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

Approved By: **Date:** 07/31/2014

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: **TW-1** **York Sample ID:** **14G1070-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1070	929 Atlantic Ave Brooklyn, NY	Water	July 23, 2014 3:00 pm	07/24/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes: M-DISS **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:23	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:23	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:23	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:23	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:23	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:23	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:23	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:23	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:23	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:23	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:23	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:23	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:23	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:23	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:23	SS
78-93-3	2-Butanone	ND		ug/L	0.50	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:23	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:23	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:23	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:23	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:23	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:23	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:23	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:23	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:23	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:23	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:23	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:23	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:23	SS
67-66-3	**Chloroform**	**1.5**		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:23	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:23	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:23	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:23	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:23	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:23	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:23	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:23	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:23	SS

Sample Information

Client Sample ID: **TW-1** **York Sample ID:** **14G1070-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1070	929 Atlantic Ave Brooklyn, NY	Water	July 23, 2014 3:00 pm	07/24/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes: M-DISS **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:23	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:23	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:23	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:23	SS
95-47-6	**o-Xylene**	**0.53**		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:23	SS
179601-23-1	**p- & m- Xylenes**	**0.53**	J	ug/L	0.50	1.0	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:23	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:23	SS
127-18-4	**Tetrachloroethylene**	**0.43**	J	ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:23	SS
108-88-3	**Toluene**	**0.36**	J	ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:23	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:23	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:23	SS
79-01-6	**Trichloroethylene**	**0.87**		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:23	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:23	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:23	SS
1330-20-7	**Xylenes, Total**	**1.1**	J	ug/L	0.60	1.5	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:23	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*97.0 %*	*81-123*
2037-26-5	*Surrogate: Toluene-d8*	*98.4 %*	*88-114*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*102 %*	*70-128*

Semi-Volatiles, 8270 - TCL/SOM - Low Level

Log-in Notes: M-DISS **Sample Notes:** **EXT-D, EXT-EM**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	07/30/2014 05:17	07/30/2014 14:22	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	07/30/2014 05:17	07/30/2014 14:22	SR
98-86-2	Acetophenone	ND		ug/L	2.63	5.26	1	EPA 8270D	07/30/2014 05:17	07/31/2014 10:55	SR
120-12-7	Anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	07/30/2014 05:17	07/30/2014 14:22	SR
1912-24-9	Atrazine	ND		ug/L	0.526	0.526	1	EPA 8270D	07/30/2014 05:17	07/30/2014 14:22	SR
100-52-7	Benzaldehyde	ND		ug/L	2.63	5.26	1	EPA 8270D	07/30/2014 05:17	07/31/2014 10:55	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	07/30/2014 05:17	07/30/2014 14:22	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	07/30/2014 05:17	07/30/2014 14:22	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	07/30/2014 05:17	07/30/2014 14:22	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	07/30/2014 05:17	07/30/2014 14:22	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	07/30/2014 05:17	07/30/2014 14:22	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	07/30/2014 05:17	07/31/2014 10:55	SR
92-52-4	1,1'-Biphenyl	ND		ug/L	2.63	5.26	1	EPA 8270D	07/30/2014 05:17	07/31/2014 10:55	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D	07/30/2014 05:17	07/31/2014 10:55	SR
105-60-2	Caprolactam	ND		ug/L	2.63	5.26	1	EPA 8270D	07/30/2014 05:17	07/31/2014 10:55	SR

Sample Information

Client Sample ID: TW-1 **York Sample ID:** 14G1070-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1070	929 Atlantic Ave Brooklyn, NY	Water	July 23, 2014 3:00 pm	07/24/2014

Semi-Volatiles, 8270 - TCL/SOM - Low Level **Log-in Notes:** M-DISS **Sample Notes:** EXT-D, EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		ug/L	2.63	5.26	1	EPA 8270D	07/30/2014 05:17	07/31/2014 10:55	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D	07/30/2014 05:17	07/31/2014 10:55	SR
106-47-8	4-Chloroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D	07/30/2014 05:17	07/31/2014 10:55	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.63	5.26	1	EPA 8270D	07/30/2014 05:17	07/31/2014 10:55	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D	07/30/2014 05:17	07/31/2014 10:55	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D	07/30/2014 05:17	07/31/2014 10:55	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D	07/30/2014 05:17	07/31/2014 10:55	SR
95-57-8	2-Chlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	07/30/2014 05:17	07/31/2014 10:55	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D	07/30/2014 05:17	07/31/2014 10:55	SR
218-01-9	Chrysene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	07/30/2014 05:17	07/30/2014 14:22	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	07/30/2014 05:17	07/30/2014 14:22	SR
132-64-9	Dibenzofuran	ND		ug/L	2.63	5.26	1	EPA 8270D	07/30/2014 05:17	07/31/2014 10:55	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	07/30/2014 05:17	07/31/2014 10:55	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.63	5.26	1	EPA 8270D	07/30/2014 05:17	07/31/2014 10:55	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	07/30/2014 05:17	07/31/2014 10:55	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	07/30/2014 05:17	07/31/2014 10:55	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D	07/30/2014 05:17	07/31/2014 10:55	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	07/30/2014 05:17	07/31/2014 10:55	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D	07/30/2014 05:17	07/31/2014 10:55	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	07/30/2014 05:17	07/31/2014 10:55	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D	07/30/2014 05:17	07/31/2014 10:55	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D	07/30/2014 05:17	07/31/2014 10:55	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	07/30/2014 05:17	07/31/2014 10:55	SR
117-81-7	**Bis(2-ethylhexyl)phthalate**	**2.11**		ug/L	0.526	0.526	1	EPA 8270D	07/30/2014 05:17	07/30/2014 14:22	SR
206-44-0	Fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	07/30/2014 05:17	07/30/2014 14:22	SR
86-73-7	Fluorene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	07/30/2014 05:17	07/30/2014 14:22	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0211	0.0211	1	EPA 8270D	07/30/2014 05:17	07/30/2014 14:22	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.526	0.526	1	EPA 8270D	07/30/2014 05:17	07/30/2014 14:22	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.63	5.26	1	EPA 8270D	07/30/2014 05:17	07/31/2014 10:55	SR
67-72-1	Hexachloroethane	ND		ug/L	0.526	0.526	1	EPA 8270D	07/30/2014 05:17	07/30/2014 14:22	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	07/30/2014 05:17	07/30/2014 14:22	SR
78-59-1	Isophorone	ND		ug/L	2.63	5.26	1	EPA 8270D	07/30/2014 05:17	07/31/2014 10:55	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D	07/30/2014 05:17	07/31/2014 10:55	SR
95-48-7	2-Methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D	07/30/2014 05:17	07/31/2014 10:55	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.63	5.26	1	EPA 8270D	07/30/2014 05:17	07/31/2014 10:55	SR
91-20-3	**Naphthalene**	**0.126**		ug/L	0.0526	0.0526	1	EPA 8270D	07/30/2014 05:17	07/30/2014 14:22	SR
99-09-2	3-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D	07/30/2014 05:17	07/31/2014 10:55	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D	07/30/2014 05:17	07/31/2014 10:55	SR
88-74-4	2-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D	07/30/2014 05:17	07/30/2014 14:22	SR

Sample Information

Client Sample ID: TW-1 **York Sample ID:** 14G1070-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1070	929 Atlantic Ave Brooklyn, NY	Water	July 23, 2014 3:00 pm	07/24/2014

Semi-Volatiles, 8270 - TCL/SOM - Low Level

Log-in Notes: M-DISS **Sample Notes:** EXT-D, EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		ug/L	0.263	0.263	1	EPA 8270D	07/30/2014 05:17	07/30/2014 14:22	SR
100-02-7	4-Nitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	07/30/2014 05:17	07/31/2014 10:55	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	07/30/2014 05:17	07/31/2014 10:55	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.63	5.26	1	EPA 8270D	07/30/2014 05:17	07/31/2014 10:55	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.63	5.26	1	EPA 8270D	07/30/2014 05:17	07/31/2014 10:55	SR
87-86-5	Pentachlorophenol	ND		ug/L	0.263	0.263	1	EPA 8270D	07/30/2014 05:17	07/30/2014 14:22	SR
85-01-8	Phenanthrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	07/30/2014 05:17	07/30/2014 14:22	SR
108-95-2	Phenol	ND		ug/L	2.63	5.26	1	EPA 8270D	07/30/2014 05:17	07/31/2014 10:55	SR
129-00-0	Pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	07/30/2014 05:17	07/30/2014 14:22	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D	07/30/2014 05:17	07/31/2014 10:55	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	07/30/2014 05:17	07/31/2014 10:55	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	07/30/2014 05:17	07/31/2014 10:55	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*16.2 %*	*10-53*
4165-62-2	*Surrogate: Phenol-d5*	*11.2 %*	*10-39*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*41.6 %*	*10-120*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*52.5 %*	*10-108*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*50.3 %*	*10-150*
1718-51-0	*Surrogate: Terphenyl-d14*	*60.8 %*	*10-143*

Pesticides/PCBs, EPA TCL List

Log-in Notes: M-DISS **Sample Notes:** EXT-D

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/L	0.105	0.105	1	EPA 8081B/8082A	07/29/2014 11:31	07/29/2014 19:25	JW
72-43-5	Methoxychlor	ND		ug/L	0.00421	0.00421	1	EPA 8081B/8082A	07/29/2014 11:31	07/29/2014 19:25	JW
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00421	0.00421	1	EPA 8081B/8082A	07/29/2014 11:31	07/29/2014 19:25	JW
76-44-8	Heptachlor	ND		ug/L	0.00421	0.00421	1	EPA 8081B/8082A	07/29/2014 11:31	07/29/2014 19:25	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00421	0.00421	1	EPA 8081B/8082A	07/29/2014 11:31	07/29/2014 19:25	JW
53494-70-5	Endrin ketone	ND		ug/L	0.0105	0.0105	1	EPA 8081B/8082A	07/29/2014 11:31	07/29/2014 19:25	JW
7421-93-4	Endrin aldehyde	ND		ug/L	0.0105	0.0105	1	EPA 8081B/8082A	07/29/2014 11:31	07/29/2014 19:25	JW
72-20-8	Endrin	ND		ug/L	0.00421	0.00421	1	EPA 8081B/8082A	07/29/2014 11:31	07/29/2014 19:25	JW
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00421	0.00421	1	EPA 8081B/8082A	07/29/2014 11:31	07/29/2014 19:25	JW
33213-65-9	Endosulfan II	ND		ug/L	0.00421	0.00421	1	EPA 8081B/8082A	07/29/2014 11:31	07/29/2014 19:25	JW
959-98-8	Endosulfan I	ND		ug/L	0.00421	0.00421	1	EPA 8081B/8082A	07/29/2014 11:31	07/29/2014 19:25	JW
60-57-1	Dieldrin	ND		ug/L	0.00211	0.00211	1	EPA 8081B/8082A	07/29/2014 11:31	07/29/2014 19:25	JW
319-86-8	delta-BHC	ND		ug/L	0.00421	0.00421	1	EPA 8081B/8082A	07/29/2014 11:31	07/29/2014 19:25	JW
57-74-9	Chlordane, total	ND		ug/L	0.0421	0.0421	1	EPA 8081B/8082A	07/29/2014 11:31	07/29/2014 19:25	JW
319-85-7	beta-BHC	ND		ug/L	0.00421	0.00421	1	EPA 8081B/8082A	07/29/2014 11:31	07/29/2014 19:25	JW

Sample Information

Client Sample ID: **TW-1** **York Sample ID:** **14G1070-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1070	929 Atlantic Ave Brooklyn, NY	Water	July 23, 2014 3:00 pm	07/24/2014

Pesticides/PCBs, EPA TCL List

Log-in Notes: M-DISS **Sample Notes:** **EXT-D**

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-84-6	alpha-BHC	ND		ug/L	0.00421	0.00421	1	EPA 8081B/8082A	07/29/2014 11:31	07/29/2014 19:25	JW
309-00-2	Aldrin	ND		ug/L	0.00421	0.00421	1	EPA 8081B/8082A	07/29/2014 11:31	07/29/2014 19:25	JW
50-29-3	4,4'-DDT	ND		ug/L	0.00421	0.00421	1	EPA 8081B/8082A	07/29/2014 11:31	07/29/2014 19:25	JW
72-55-9	4,4'-DDE	ND		ug/L	0.00421	0.00421	1	EPA 8081B/8082A	07/29/2014 11:31	07/29/2014 19:25	JW
72-54-8	4,4'-DDD	ND		ug/L	0.00421	0.00421	1	EPA 8081B/8082A	07/29/2014 11:31	07/29/2014 19:25	JW
11096-82-5	Aroclor 1260	ND		ug/L	0.0444	0.0526	1	EPA 8081B/8082A	07/29/2014 11:31	07/30/2014 18:56	AMC
11097-69-1	Aroclor 1254	ND		ug/L	0.0444	0.0526	1	EPA 8081B/8082A	07/29/2014 11:31	07/30/2014 18:56	AMC
12672-29-6	Aroclor 1248	ND		ug/L	0.0382	0.0526	1	EPA 8081B/8082A	07/29/2014 11:31	07/30/2014 18:56	AMC
53469-21-9	Aroclor 1242	ND		ug/L	0.0382	0.0526	1	EPA 8081B/8082A	07/29/2014 11:31	07/30/2014 18:56	AMC
11141-16-5	Aroclor 1232	ND		ug/L	0.0382	0.0526	1	EPA 8081B/8082A	07/29/2014 11:31	07/30/2014 18:56	AMC
11104-28-2	Aroclor 1221	ND		ug/L	0.0382	0.0526	1	EPA 8081B/8082A	07/29/2014 11:31	07/30/2014 18:56	AMC
12674-11-2	Aroclor 1016	ND		ug/L	0.0382	0.0526	1	EPA 8081B/8082A	07/29/2014 11:31	07/30/2014 18:56	AMC
1336-36-3	* Total PCBs	ND		ug/L	0.0382	0.0526	1	EPA 8081B/8082A	07/29/2014 11:31	07/30/2014 18:56	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*36.1 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*42.8 %*	*30-120*

Metals, Dissolved - Target Analyte (TAL)

Log-in Notes: M-DISS **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.010	0.010	1	EPA 6010C	07/29/2014 14:44	07/29/2014 23:26	MW
7440-36-0	Antimony	ND		mg/L	0.005	0.005	1	EPA 6010C	07/29/2014 14:44	07/29/2014 23:26	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C	07/29/2014 14:44	07/29/2014 23:26	MW
7440-39-3	**Barium**	**0.201**		mg/L	0.010	0.010	1	EPA 6010C	07/29/2014 14:44	07/29/2014 23:26	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C	07/29/2014 14:44	07/29/2014 23:26	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C	07/29/2014 14:44	07/29/2014 23:26	MW
7440-70-2	**Calcium**	**103**		mg/L	0.050	0.050	1	EPA 6010C	07/29/2014 14:44	07/29/2014 23:26	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C	07/29/2014 14:44	07/29/2014 23:26	MW
7440-48-4	Cobalt	ND		mg/L	0.005	0.005	1	EPA 6010C	07/29/2014 14:44	07/29/2014 23:26	MW
7440-50-8	Copper	ND		mg/L	0.003	0.003	1	EPA 6010C	07/29/2014 14:44	07/29/2014 23:26	MW
7439-89-6	Iron	ND		mg/L	0.020	0.020	1	EPA 6010C	07/29/2014 14:44	07/29/2014 23:26	MW
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA 6010C	07/29/2014 14:44	07/29/2014 23:26	MW
7439-95-4	**Magnesium**	**41.0**		mg/L	0.050	0.050	1	EPA 6010C	07/29/2014 14:44	07/29/2014 23:26	MW
7439-96-5	**Manganese**	**0.877**		mg/L	0.005	0.005	1	EPA 6010C	07/29/2014 14:44	07/29/2014 23:26	MW
7440-02-0	**Nickel**	**0.025**		mg/L	0.005	0.005	1	EPA 6010C	07/29/2014 14:44	07/29/2014 23:26	MW
7440-09-7	**Potassium**	**5.43**		mg/L	0.050	0.050	1	EPA 6010C	07/29/2014 14:44	07/29/2014 23:26	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C	07/29/2014 14:44	07/29/2014 23:26	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C	07/29/2014 14:44	07/29/2014 23:26	MW

Sample Information

Client Sample ID: **TW-1** **York Sample ID:** **14G1070-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1070	929 Atlantic Ave Brooklyn, NY	Water	July 23, 2014 3:00 pm	07/24/2014

Metals, Dissolved - Target Analyte (TAL)

Log-in Notes: M-DISS **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**140**		mg/L	0.100	0.100	1	EPA 6010C	07/29/2014 14:44	07/29/2014 23:26	MW
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA 6010C	07/29/2014 14:44	07/29/2014 23:26	MW
7440-62-2	Vanadium	ND		mg/L	0.010	0.010	1	EPA 6010C	07/29/2014 14:44	07/29/2014 23:26	MW
7440-66-6	Zinc	ND		mg/L	0.010	0.010	1	EPA 6010C	07/29/2014 14:44	07/29/2014 23:26	MW

Metals, Target Analyte

Log-in Notes: M-DISS **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**15.5**		mg/L	0.010	0.010	1	EPA 6010C	07/29/2014 14:48	07/30/2014 01:29	MW
7440-36-0	Antimony	ND		mg/L	0.005	0.005	1	EPA 6010C	07/29/2014 14:48	07/30/2014 01:29	MW
7440-38-2	**Arsenic**	**0.010**		mg/L	0.004	0.004	1	EPA 6010C	07/29/2014 14:48	07/30/2014 01:29	MW
7440-39-3	**Barium**	**0.712**		mg/L	0.010	0.010	1	EPA 6010C	07/29/2014 14:48	07/30/2014 01:29	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C	07/29/2014 14:48	07/30/2014 01:29	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C	07/29/2014 14:48	07/30/2014 01:29	MW
7440-70-2	**Calcium**	**149**		mg/L	0.050	0.050	1	EPA 6010C	07/29/2014 14:48	07/30/2014 01:29	MW
7440-47-3	**Chromium**	**0.224**		mg/L	0.005	0.005	1	EPA 6010C	07/29/2014 14:48	07/30/2014 01:29	MW
7440-48-4	**Cobalt**	**0.050**		mg/L	0.005	0.005	1	EPA 6010C	07/29/2014 14:48	07/30/2014 01:29	MW
7440-50-8	**Copper**	**0.185**		mg/L	0.003	0.003	1	EPA 6010C	07/29/2014 14:48	07/30/2014 01:29	MW
7439-89-6	**Iron**	**50.9**		mg/L	0.020	0.020	1	EPA 6010C	07/29/2014 14:48	07/30/2014 01:29	MW
7439-92-1	**Lead**	**0.064**		mg/L	0.003	0.003	1	EPA 6010C	07/29/2014 14:48	07/30/2014 01:29	MW
7439-95-4	**Magnesium**	**60.8**		mg/L	0.050	0.050	1	EPA 6010C	07/29/2014 14:48	07/30/2014 01:29	MW
7439-96-5	**Manganese**	**5.52**		mg/L	0.005	0.005	1	EPA 6010C	07/29/2014 14:48	07/30/2014 01:29	MW
7440-02-0	**Nickel**	**0.278**		mg/L	0.005	0.005	1	EPA 6010C	07/29/2014 14:48	07/30/2014 01:29	MW
7440-09-7	**Potassium**	**9.45**		mg/L	0.050	0.050	1	EPA 6010C	07/29/2014 14:48	07/30/2014 01:29	MW
7782-49-2	**Selenium**	**0.018**		mg/L	0.010	0.010	1	EPA 6010C	07/29/2014 14:48	07/30/2014 01:29	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C	07/29/2014 14:48	07/30/2014 01:29	MW
7440-23-5	**Sodium**	**137**		mg/L	0.100	0.100	1	EPA 6010C	07/29/2014 14:48	07/30/2014 01:29	MW
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA 6010C	07/29/2014 14:48	07/30/2014 01:29	MW
7440-62-2	**Vanadium**	**0.037**		mg/L	0.010	0.010	1	EPA 6010C	07/29/2014 14:48	07/30/2014 01:29	MW
7440-66-6	**Zinc**	**0.210**		mg/L	0.010	0.010	1	EPA 6010C	07/29/2014 14:48	07/30/2014 01:29	MW

Sample Information

Client Sample ID: **TW-1** **York Sample ID:** **14G1070-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1070	929 Atlantic Ave Brooklyn, NY	Water	July 23, 2014 3:00 pm	07/24/2014

Mercury by 7473

Log-in Notes: M-DISS **Sample Notes:**

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	0.00020	1	EPA 7473	07/30/2014 11:46	07/31/2014 07:04	ALD

Mercury by 7473, Dissolved

Log-in Notes: M-DISS **Sample Notes:**

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	0.00020	1	EPA 7473	07/30/2014 11:46	07/31/2014 07:04	ALD

Cyanide, Total

Log-in Notes: M-DISS **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	0.0100	1	SM 4500 CN C/E	07/30/2014 08:21	07/30/2014 15:55	AD

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **14G1070-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1070	929 Atlantic Ave Brooklyn, NY	Water	July 23, 2014 3:00 pm	07/24/2014

Volatile Organics, 8260 - TCL/SOM (low level)

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:55	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:55	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:55	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:55	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:55	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:55	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:55	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:55	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:55	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:55	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:55	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:55	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:55	SS

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **14G1070-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1070	929 Atlantic Ave Brooklyn, NY	Water	July 23, 2014 3:00 pm	07/24/2014

Volatile Organics, 8260 - TCL/SOM (low level) **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:55	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:55	SS
78-93-3	2-Butanone	ND		ug/L	0.50	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:55	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:55	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:55	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:55	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:55	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:55	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:55	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:55	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:55	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:55	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:55	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:55	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:55	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:55	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:55	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:55	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:55	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:55	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:55	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:55	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:55	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:55	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:55	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:55	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:55	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:55	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:55	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:55	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:55	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:55	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:55	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:55	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:55	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:55	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:55	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:55	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	07/30/2014 08:36	07/30/2014 16:55	SS

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **14G1070-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1070	929 Atlantic Ave Brooklyn, NY	Water	July 23, 2014 3:00 pm	07/24/2014

Volatile Organics, 8260 - TCL/SOM (low level) **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**			**Acceptance Range**						
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*94.5 %*			*81-123*						
2037-26-5	*Surrogate: Toluene-d8*	*100 %*			*88-114*						
460-00-4	*Surrogate: p-Bromofluorobenzene*	*101 %*			*70-128*						

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
14G1070-01	TW-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14G1070-02	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-DISS	The sample submitted for Dissolved Metals was not field filtered. The sample was filtered at the laboratory.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
EXT-D	The sample submitted contained sediment. The aqueous portion was decanted off, the volume measured and used for the extraction. The sediment was not included in the extraction.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

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*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Field Chain-of-Custody Record

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

York Project No. 14G1070

YOUR Information

Company: Alpha-Hydro Env
Address: 1503 Wave Ave
Medford, NY 11763
Phone No. (631) 448-1862
Contact Person: David Oloke
E-Mail Address:

Report To:

Company: Alpha-Hydro Env
Address: 1503 Wave Ave
Medford, NY 11763
Phone No (631) 448-1862
Attention: David Oloke
E-Mail Address:

Invoice To:

Company: Alpha-Hydro Env
Address:
Phone No.
Attention: Acct's Payable
E-Mail Address:

YOUR Project ID

929 Atlantic Ave
Brooklyn, NY

Purchase Order No.

Job #14-1336

Samples from: CT ___ NY ✓ NJ ___

Turn-Around Time

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

Report Type

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

Electronic Data Deliverables (EDD)

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

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

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

David Oloke
Samples Collected/Authorized By (Signature)

David Oloke
Name (printed)

Matrix Codes

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

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

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
TW-1	7/23/14	GW	FULL TCL, TAL METALS, TAL METALS DISSOLVED	2 (VOAs) 3 (250 ml) 3 (1L)
Trip Blank	7/23/14	W	Volatiles	2 (VOAs)

Comments

Preservation Check those Applicable: 4°C ___ Frozen ___ HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other ___

Special Instructions
- Field Filtered ☐
- Lab to Filter ☐

Samples Relinquished By: David Oloke — Date/Time: 7/24/14 12:00 pm
Samples Received By: K Baker — Date/Time: 7-24-14 12:00 pm
Samples Relinquished By: ___ — Date/Time: ___
Samples Received in LAB by: [illegible] — Date/Time: 7-24-14 18:05

Temperature on Receipt 3.6 °C

Technical Report

prepared for:

Alpha-Hydro Environmental
1503 Wave Avenue
Medford NY, 11763
Attention: David Oloke

Report Date: 07/31/2014
Client Project ID: 929 Atlantic Ave Brooklyn, NY
York Project (SDG) No.: 14G1004

Report Date: 07/31/2014
Client Project ID: 929 Atlantic Ave Brooklyn, NY
York Project (SDG) No.: 14G1004

Alpha-Hydro Environmental
1503 Wave Avenue
Medford NY, 11763
Attention: David Oloke

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on July 25, 2014 and listed below. The project was identified as your project: **929 Atlantic Ave Brooklyn, NY**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
14G1004-01	SV-1	Soil Vapor	07/23/2014	07/25/2014
14G1004-02	SV-2	Soil Vapor	07/23/2014	07/25/2014
14G1004-03	SV-3	Soil Vapor	07/23/2014	07/25/2014

General Notes for York Project (SDG) No.: 14G1004

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

Approved By: **Date:** 07/31/2014

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: **SV-1** **York Sample ID:** **14G1004-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1004	929 Atlantic Ave Brooklyn, NY	Soil Vapor	July 23, 2014 3:00 pm	07/25/2014

Volatile Organics, EPA TO15 Full List

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	2.7	2.7	21	EPA TO-15	07/29/2014 07:14	07/29/2014 19:59	ALD
108-05-4	Vinyl acetate	ND		ug/m³	7.4	7.4	21	EPA TO-15	07/29/2014 07:14	07/29/2014 19:59	ALD
79-01-6	Trichloroethylene	ND		ug/m³	2.8	2.8	21	EPA TO-15	07/29/2014 07:14	07/29/2014 19:59	ALD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	9.5	9.5	21	EPA TO-15	07/29/2014 07:14	07/29/2014 19:59	ALD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	8.3	8.3	21	EPA TO-15	07/29/2014 07:14	07/29/2014 19:59	ALD
108-88-3	**Toluene**	**17**		ug/m³	7.9	7.9	21	EPA TO-15	07/29/2014 07:14	07/29/2014 19:59	ALD
109-99-9	* Tetrahydrofuran	ND		ug/m³	6.2	6.2	21	EPA TO-15	07/29/2014 07:14	07/29/2014 19:59	ALD
127-18-4	**Tetrachloroethylene**	**350**		ug/m³	3.6	3.6	21	EPA TO-15	07/29/2014 07:14	07/29/2014 19:59	ALD
100-42-5	Styrene	ND		ug/m³	8.9	8.9	21	EPA TO-15	07/29/2014 07:14	07/29/2014 19:59	ALD
115-07-1	* Propylene	ND		ug/m³	3.6	3.6	21	EPA TO-15	07/29/2014 07:14	07/29/2014 19:59	ALD
622-96-8	*** p-Ethyltoluene**	**20**		ug/m³	10	10	21	EPA TO-15	07/29/2014 07:14	07/29/2014 19:59	ALD
179601-23-1	**p- & m- Xylenes**	**32**		ug/m³	18	18	21	EPA TO-15	07/29/2014 07:14	07/29/2014 19:59	ALD
95-47-6	**o-Xylene**	**20**		ug/m³	9.1	9.1	21	EPA TO-15	07/29/2014 07:14	07/29/2014 19:59	ALD
110-54-3	n-Hexane	ND		ug/m³	7.4	7.4	21	EPA TO-15	07/29/2014 07:14	07/29/2014 19:59	ALD
142-82-5	n-Heptane	ND		ug/m³	8.6	8.6	21	EPA TO-15	07/29/2014 07:14	07/29/2014 19:59	ALD
75-09-2	**Methylene chloride**	**50**		ug/m³	15	15	21	EPA TO-15	07/29/2014 07:14	07/29/2014 19:59	ALD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	7.6	7.6	21	EPA TO-15	07/29/2014 07:14	07/29/2014 19:59	ALD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	8.6	8.6	21	EPA TO-15	07/29/2014 07:14	07/29/2014 19:59	ALD
67-63-0	**Isopropanol**	**16**		ug/m³	10	10	21	EPA TO-15	07/29/2014 07:14	07/29/2014 19:59	ALD
87-68-3	Hexachlorobutadiene	ND		ug/m³	22	22	21	EPA TO-15	07/29/2014 07:14	07/29/2014 19:59	ALD
100-41-4	Ethyl Benzene	ND		ug/m³	9.1	9.1	21	EPA TO-15	07/29/2014 07:14	07/29/2014 19:59	ALD
141-78-6	* Ethyl acetate	ND		ug/m³	15	15	21	EPA TO-15	07/29/2014 07:14	07/29/2014 19:59	ALD
110-82-7	Cyclohexane	ND		ug/m³	7.2	7.2	21	EPA TO-15	07/29/2014 07:14	07/29/2014 19:59	ALD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	9.5	9.5	21	EPA TO-15	07/29/2014 07:14	07/29/2014 19:59	ALD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	8.3	8.3	21	EPA TO-15	07/29/2014 07:14	07/29/2014 19:59	ALD
74-87-3	Chloromethane	ND		ug/m³	4.3	4.3	21	EPA TO-15	07/29/2014 07:14	07/29/2014 19:59	ALD
67-66-3	Chloroform	ND		ug/m³	10	10	21	EPA TO-15	07/29/2014 07:14	07/29/2014 19:59	ALD
75-00-3	Chloroethane	ND		ug/m³	5.5	5.5	21	EPA TO-15	07/29/2014 07:14	07/29/2014 19:59	ALD
56-23-5	Carbon tetrachloride	ND		ug/m³	3.3	3.3	21	EPA TO-15	07/29/2014 07:14	07/29/2014 19:59	ALD
75-15-0	Carbon disulfide	ND		ug/m³	6.5	6.5	21	EPA TO-15	07/29/2014 07:14	07/29/2014 19:59	ALD
74-83-9	Bromomethane	ND		ug/m³	8.2	8.2	21	EPA TO-15	07/29/2014 07:14	07/29/2014 19:59	ALD
75-25-2	Bromoform	ND		ug/m³	22	22	21	EPA TO-15	07/29/2014 07:14	07/29/2014 19:59	ALD
75-27-4	Bromodichloromethane	ND		ug/m³	13	13	21	EPA TO-15	07/29/2014 07:14	07/29/2014 19:59	ALD
100-44-7	Benzyl chloride	ND		ug/m³	11	11	21	EPA TO-15	07/29/2014 07:14	07/29/2014 19:59	ALD
71-43-2	**Benzene**	**7.4**		ug/m³	6.7	6.7	21	EPA TO-15	07/29/2014 07:14	07/29/2014 19:59	ALD
67-64-1	**Acetone**	**2200**		ug/m³	25	25	105	EPA TO-15	07/29/2014 07:14	07/30/2014 16:01	ALD
591-78-6	* 2-Hexanone	ND		ug/m³	17	17	21	EPA TO-15	07/29/2014 07:14	07/29/2014 19:59	ALD
78-93-3	**2-Butanone**	**56**		ug/m³	6.2	6.2	21	EPA TO-15	07/29/2014 07:14	07/29/2014 19:59	ALD

Sample Information

Client Sample ID: **SV-1** **York Sample ID:** **14G1004-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1004	929 Atlantic Ave Brooklyn, NY	Soil Vapor	July 23, 2014 3:00 pm	07/25/2014

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/m³	7.6	7.6	21	EPA TO-15	07/29/2014 07:14	07/29/2014 19:59	ALD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	13	13	21	EPA TO-15	07/29/2014 07:14	07/29/2014 19:59	ALD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	13	13	21	EPA TO-15	07/29/2014 07:14	07/29/2014 19:59	ALD
106-99-0	1,3-Butadiene	ND		ug/m³	9.1	9.1	21	EPA TO-15	07/29/2014 07:14	07/29/2014 19:59	ALD
108-67-8	**1,3,5-Trimethylbenzene**	**11**		ug/m³	10	10	21	EPA TO-15	07/29/2014 07:14	07/29/2014 19:59	ALD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	15	15	21	EPA TO-15	07/29/2014 07:14	07/29/2014 19:59	ALD
78-87-5	1,2-Dichloropropane	ND		ug/m³	9.7	9.7	21	EPA TO-15	07/29/2014 07:14	07/29/2014 19:59	ALD
107-06-2	1,2-Dichloroethane	ND		ug/m³	8.5	8.5	21	EPA TO-15	07/29/2014 07:14	07/29/2014 19:59	ALD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	13	13	21	EPA TO-15	07/29/2014 07:14	07/29/2014 19:59	ALD
95-63-6	**1,2,4-Trimethylbenzene**	**34**		ug/m³	10	10	21	EPA TO-15	07/29/2014 07:14	07/29/2014 19:59	ALD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	16	16	21	EPA TO-15	07/29/2014 07:14	07/29/2014 19:59	ALD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	8.3	8.3	21	EPA TO-15	07/29/2014 07:14	07/29/2014 19:59	ALD
75-34-3	1,1-Dichloroethane	ND		ug/m³	8.5	8.5	21	EPA TO-15	07/29/2014 07:14	07/29/2014 19:59	ALD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	12	12	21	EPA TO-15	07/29/2014 07:14	07/29/2014 19:59	ALD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	11	11	21	EPA TO-15	07/29/2014 07:14	07/29/2014 19:59	ALD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	16	16	21	EPA TO-15	07/29/2014 07:14	07/29/2014 19:59	ALD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	14	14	21	EPA TO-15	07/29/2014 07:14	07/29/2014 19:59	ALD
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	11	11	21	EPA TO-15	07/29/2014 07:14	07/29/2014 19:59	ALD
75-71-8	Dichlorodifluoromethane	ND		ug/m³	10	10	21	EPA TO-15	07/29/2014 07:14	07/29/2014 19:59	ALD
106-93-4	1,2-Dibromoethane	ND		ug/m³	16	16	21	EPA TO-15	07/29/2014 07:14	07/29/2014 19:59	ALD
124-48-1	Dibromochloromethane	ND		ug/m³	17	17	21	EPA TO-15	07/29/2014 07:14	07/29/2014 19:59	ALD
80-62-6	Methyl Methacrylate	ND		ug/m³	8.6	8.6	21	EPA TO-15	07/29/2014 07:14	07/29/2014 19:59	ALD
108-90-7	Chlorobenzene	ND		ug/m³	9.7	9.7	21	EPA TO-15	07/29/2014 07:14	07/29/2014 19:59	ALD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*92.5 %*	*72-118*

Sample Information

Client Sample ID: **SV-2** **York Sample ID:** **14G1004-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1004	929 Atlantic Ave Brooklyn, NY	Soil Vapor	July 23, 2014 3:00 pm	07/25/2014

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.28	0.28	2.191	EPA TO-15	07/29/2014 07:14	07/30/2014 16:58	ALD
108-05-4	Vinyl acetate	ND		ug/m³	0.77	0.77	2.191	EPA TO-15	07/29/2014 07:14	07/30/2014 16:58	ALD

Sample Information

Client Sample ID: **SV-2** **York Sample ID:** **14G1004-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1004	929 Atlantic Ave Brooklyn, NY	Soil Vapor	July 23, 2014 3:00 pm	07/25/2014

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/m³	0.29	0.29	2.191	EPA TO-15	07/29/2014 07:14	07/30/2014 16:58	ALD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.99	0.99	2.191	EPA TO-15	07/29/2014 07:14	07/30/2014 16:58	ALD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.87	0.87	2.191	EPA TO-15	07/29/2014 07:14	07/30/2014 16:58	ALD
108-88-3	**Toluene**	**4.6**		ug/m³	0.83	0.83	2.191	EPA TO-15	07/29/2014 07:14	07/30/2014 16:58	ALD
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.65	0.65	2.191	EPA TO-15	07/29/2014 07:14	07/30/2014 16:58	ALD
127-18-4	**Tetrachloroethylene**	**110**		ug/m³	0.37	0.37	2.191	EPA TO-15	07/29/2014 07:14	07/30/2014 16:58	ALD
100-42-5	Styrene	ND		ug/m³	0.93	0.93	2.191	EPA TO-15	07/29/2014 07:14	07/30/2014 16:58	ALD
115-07-1	* Propylene	ND		ug/m³	0.38	0.38	2.191	EPA TO-15	07/29/2014 07:14	07/30/2014 16:58	ALD
622-96-8	*** p-Ethyltoluene**	**9.7**		ug/m³	1.1	1.1	2.191	EPA TO-15	07/29/2014 07:14	07/30/2014 16:58	ALD
179601-23-1	**p- & m- Xylenes**	**14**		ug/m³	1.9	1.9	2.191	EPA TO-15	07/29/2014 07:14	07/30/2014 16:58	ALD
95-47-6	**o-Xylene**	**8.9**		ug/m³	0.95	0.95	2.191	EPA TO-15	07/29/2014 07:14	07/30/2014 16:58	ALD
110-54-3	**n-Hexane**	**1.2**		ug/m³	0.77	0.77	2.191	EPA TO-15	07/29/2014 07:14	07/30/2014 16:58	ALD
142-82-5	**n-Heptane**	**1.5**		ug/m³	0.90	0.90	2.191	EPA TO-15	07/29/2014 07:14	07/30/2014 16:58	ALD
75-09-2	**Methylene chloride**	**13**		ug/m³	1.5	1.5	2.191	EPA TO-15	07/29/2014 07:14	07/30/2014 16:58	ALD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.79	0.79	2.191	EPA TO-15	07/29/2014 07:14	07/30/2014 16:58	ALD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.90	0.90	2.191	EPA TO-15	07/29/2014 07:14	07/30/2014 16:58	ALD
67-63-0	**Isopropanol**	**34**		ug/m³	1.1	1.1	2.191	EPA TO-15	07/29/2014 07:14	07/30/2014 16:58	ALD
87-68-3	Hexachlorobutadiene	ND		ug/m³	2.3	2.3	2.191	EPA TO-15	07/29/2014 07:14	07/30/2014 16:58	ALD
100-41-4	**Ethyl Benzene**	**3.0**		ug/m³	0.95	0.95	2.191	EPA TO-15	07/29/2014 07:14	07/30/2014 16:58	ALD
141-78-6	* Ethyl acetate	ND		ug/m³	1.6	1.6	2.191	EPA TO-15	07/29/2014 07:14	07/30/2014 16:58	ALD
110-82-7	**Cyclohexane**	**0.98**		ug/m³	0.75	0.75	2.191	EPA TO-15	07/29/2014 07:14	07/30/2014 16:58	ALD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.99	0.99	2.191	EPA TO-15	07/29/2014 07:14	07/30/2014 16:58	ALD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.87	0.87	2.191	EPA TO-15	07/29/2014 07:14	07/30/2014 16:58	ALD
74-87-3	Chloromethane	ND		ug/m³	0.45	0.45	2.191	EPA TO-15	07/29/2014 07:14	07/30/2014 16:58	ALD
67-66-3	**Chloroform**	**5.5**		ug/m³	1.1	1.1	2.191	EPA TO-15	07/29/2014 07:14	07/30/2014 16:58	ALD
75-00-3	Chloroethane	ND		ug/m³	0.58	0.58	2.191	EPA TO-15	07/29/2014 07:14	07/30/2014 16:58	ALD
56-23-5	Carbon tetrachloride	ND		ug/m³	0.34	0.34	2.191	EPA TO-15	07/29/2014 07:14	07/30/2014 16:58	ALD
75-15-0	**Carbon disulfide**	**1.5**		ug/m³	0.68	0.68	2.191	EPA TO-15	07/29/2014 07:14	07/30/2014 16:58	ALD
74-83-9	Bromomethane	ND		ug/m³	0.85	0.85	2.191	EPA TO-15	07/29/2014 07:14	07/30/2014 16:58	ALD
75-25-2	Bromoform	ND		ug/m³	2.3	2.3	2.191	EPA TO-15	07/29/2014 07:14	07/30/2014 16:58	ALD
75-27-4	Bromodichloromethane	ND		ug/m³	1.4	1.4	2.191	EPA TO-15	07/29/2014 07:14	07/30/2014 16:58	ALD
100-44-7	Benzyl chloride	ND		ug/m³	1.1	1.1	2.191	EPA TO-15	07/29/2014 07:14	07/30/2014 16:58	ALD
71-43-2	**Benzene**	**1.1**		ug/m³	0.70	0.70	2.191	EPA TO-15	07/29/2014 07:14	07/30/2014 16:58	ALD
67-64-1	**Acetone**	**24**		ug/m³	0.52	0.52	2.191	EPA TO-15	07/29/2014 07:14	07/30/2014 16:58	ALD
591-78-6	* 2-Hexanone	ND		ug/m³	1.8	1.8	2.191	EPA TO-15	07/29/2014 07:14	07/30/2014 16:58	ALD
78-93-3	**2-Butanone**	**2.4**		ug/m³	0.65	0.65	2.191	EPA TO-15	07/29/2014 07:14	07/30/2014 16:58	ALD
123-91-1	1,4-Dioxane	ND		ug/m³	0.79	0.79	2.191	EPA TO-15	07/29/2014 07:14	07/30/2014 16:58	ALD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.3	1.3	2.191	EPA TO-15	07/29/2014 07:14	07/30/2014 16:58	ALD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.3	1.3	2.191	EPA TO-15	07/29/2014 07:14	07/30/2014 16:58	ALD

Sample Information

Client Sample ID: **SV-2** **York Sample ID:** **14G1004-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1004	929 Atlantic Ave Brooklyn, NY	Soil Vapor	July 23, 2014 3:00 pm	07/25/2014

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-99-0	1,3-Butadiene	ND		ug/m³	0.95	0.95	2.191	EPA TO-15	07/29/2014 07:14	07/30/2014 16:58	ALD
108-67-8	**1,3,5-Trimethylbenzene**	**5.6**		ug/m³	1.1	1.1	2.191	EPA TO-15	07/29/2014 07:14	07/30/2014 16:58	ALD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.5	1.5	2.191	EPA TO-15	07/29/2014 07:14	07/30/2014 16:58	ALD
78-87-5	1,2-Dichloropropane	ND		ug/m³	1.0	1.0	2.191	EPA TO-15	07/29/2014 07:14	07/30/2014 16:58	ALD
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.89	0.89	2.191	EPA TO-15	07/29/2014 07:14	07/30/2014 16:58	ALD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.3	1.3	2.191	EPA TO-15	07/29/2014 07:14	07/30/2014 16:58	ALD
95-63-6	**1,2,4-Trimethylbenzene**	**17**		ug/m³	1.1	1.1	2.191	EPA TO-15	07/29/2014 07:14	07/30/2014 16:58	ALD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.6	1.6	2.191	EPA TO-15	07/29/2014 07:14	07/30/2014 16:58	ALD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.87	0.87	2.191	EPA TO-15	07/29/2014 07:14	07/30/2014 16:58	ALD
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.89	0.89	2.191	EPA TO-15	07/29/2014 07:14	07/30/2014 16:58	ALD
75-69-4	**Trichlorofluoromethane (Freon 11)**	**4.9**		ug/m³	1.2	1.2	2.191	EPA TO-15	07/29/2014 07:14	07/30/2014 16:58	ALD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	1.2	1.2	2.191	EPA TO-15	07/29/2014 07:14	07/30/2014 16:58	ALD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.7	1.7	2.191	EPA TO-15	07/29/2014 07:14	07/30/2014 16:58	ALD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.5	1.5	2.191	EPA TO-15	07/29/2014 07:14	07/30/2014 16:58	ALD
71-55-6	**1,1,1-Trichloroethane**	**1.4**		ug/m³	1.2	1.2	2.191	EPA TO-15	07/29/2014 07:14	07/30/2014 16:58	ALD
75-71-8	**Dichlorodifluoromethane**	**140**		ug/m³	1.1	1.1	2.191	EPA TO-15	07/29/2014 07:14	07/30/2014 16:58	ALD
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.7	1.7	2.191	EPA TO-15	07/29/2014 07:14	07/30/2014 16:58	ALD
124-48-1	Dibromochloromethane	ND		ug/m³	1.8	1.8	2.191	EPA TO-15	07/29/2014 07:14	07/30/2014 16:58	ALD
80-62-6	Methyl Methacrylate	ND		ug/m³	0.90	0.90	2.191	EPA TO-15	07/29/2014 07:14	07/30/2014 16:58	ALD
108-90-7	Chlorobenzene	ND		ug/m³	1.0	1.0	2.191	EPA TO-15	07/29/2014 07:14	07/30/2014 16:58	ALD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*91.8 %*	*72-118*

Sample Information

Client Sample ID: **SV-3** **York Sample ID:** **14G1004-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1004	929 Atlantic Ave Brooklyn, NY	Soil Vapor	July 23, 2014 3:00 pm	07/25/2014

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.32	0.32	2.52	EPA TO-15	07/29/2014 07:14	07/30/2014 17:54	ALD
108-05-4	Vinyl acetate	ND		ug/m³	0.89	0.89	2.52	EPA TO-15	07/29/2014 07:14	07/30/2014 17:54	ALD
79-01-6	Trichloroethylene	ND		ug/m³	0.34	0.34	2.52	EPA TO-15	07/29/2014 07:14	07/30/2014 17:54	ALD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	1.1	1.1	2.52	EPA TO-15	07/29/2014 07:14	07/30/2014 17:54	ALD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	1.0	1.0	2.52	EPA TO-15	07/29/2014 07:14	07/30/2014 17:54	ALD

Sample Information

Client Sample ID: **SV-3** **York Sample ID:** **14G1004-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1004	929 Atlantic Ave Brooklyn, NY	Soil Vapor	July 23, 2014 3:00 pm	07/25/2014

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	**Toluene**	**4.7**		ug/m³	0.95	0.95	2.52	EPA TO-15	07/29/2014 07:14	07/30/2014 17:54	ALD
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.74	0.74	2.52	EPA TO-15	07/29/2014 07:14	07/30/2014 17:54	ALD
127-18-4	**Tetrachloroethylene**	**110**		ug/m³	0.43	0.43	2.52	EPA TO-15	07/29/2014 07:14	07/30/2014 17:54	ALD
100-42-5	Styrene	ND		ug/m³	1.1	1.1	2.52	EPA TO-15	07/29/2014 07:14	07/30/2014 17:54	ALD
115-07-1	* Propylene	ND		ug/m³	0.43	0.43	2.52	EPA TO-15	07/29/2014 07:14	07/30/2014 17:54	ALD
622-96-8	*** p-Ethyltoluene**	**11**		ug/m³	1.2	1.2	2.52	EPA TO-15	07/29/2014 07:14	07/30/2014 17:54	ALD
179601-23-1	**p- & m- Xylenes**	**16**		ug/m³	2.2	2.2	2.52	EPA TO-15	07/29/2014 07:14	07/30/2014 17:54	ALD
95-47-6	**o-Xylene**	**10**		ug/m³	1.1	1.1	2.52	EPA TO-15	07/29/2014 07:14	07/30/2014 17:54	ALD
110-54-3	**n-Hexane**	**0.89**		ug/m³	0.89	0.89	2.52	EPA TO-15	07/29/2014 07:14	07/30/2014 17:54	ALD
142-82-5	**n-Heptane**	**1.9**		ug/m³	1.0	1.0	2.52	EPA TO-15	07/29/2014 07:14	07/30/2014 17:54	ALD
75-09-2	**Methylene chloride**	**16**		ug/m³	1.8	1.8	2.52	EPA TO-15	07/29/2014 07:14	07/30/2014 17:54	ALD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.91	0.91	2.52	EPA TO-15	07/29/2014 07:14	07/30/2014 17:54	ALD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	1.0	1.0	2.52	EPA TO-15	07/29/2014 07:14	07/30/2014 17:54	ALD
67-63-0	**Isopropanol**	**26**		ug/m³	1.2	1.2	2.52	EPA TO-15	07/29/2014 07:14	07/30/2014 17:54	ALD
87-68-3	Hexachlorobutadiene	ND		ug/m³	2.7	2.7	2.52	EPA TO-15	07/29/2014 07:14	07/30/2014 17:54	ALD
100-41-4	**Ethyl Benzene**	**3.6**		ug/m³	1.1	1.1	2.52	EPA TO-15	07/29/2014 07:14	07/30/2014 17:54	ALD
141-78-6	* Ethyl acetate	ND		ug/m³	1.8	1.8	2.52	EPA TO-15	07/29/2014 07:14	07/30/2014 17:54	ALD
110-82-7	**Cyclohexane**	**1.4**		ug/m³	0.87	0.87	2.52	EPA TO-15	07/29/2014 07:14	07/30/2014 17:54	ALD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	1.1	1.1	2.52	EPA TO-15	07/29/2014 07:14	07/30/2014 17:54	ALD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	1.0	1.0	2.52	EPA TO-15	07/29/2014 07:14	07/30/2014 17:54	ALD
74-87-3	Chloromethane	ND		ug/m³	0.52	0.52	2.52	EPA TO-15	07/29/2014 07:14	07/30/2014 17:54	ALD
67-66-3	**Chloroform**	**11**		ug/m³	1.2	1.2	2.52	EPA TO-15	07/29/2014 07:14	07/30/2014 17:54	ALD
75-00-3	Chloroethane	ND		ug/m³	0.66	0.66	2.52	EPA TO-15	07/29/2014 07:14	07/30/2014 17:54	ALD
56-23-5	Carbon tetrachloride	ND		ug/m³	0.40	0.40	2.52	EPA TO-15	07/29/2014 07:14	07/30/2014 17:54	ALD
75-15-0	Carbon disulfide	ND		ug/m³	0.78	0.78	2.52	EPA TO-15	07/29/2014 07:14	07/30/2014 17:54	ALD
74-83-9	Bromomethane	ND		ug/m³	0.98	0.98	2.52	EPA TO-15	07/29/2014 07:14	07/30/2014 17:54	ALD
75-25-2	Bromoform	ND		ug/m³	2.6	2.6	2.52	EPA TO-15	07/29/2014 07:14	07/30/2014 17:54	ALD
75-27-4	Bromodichloromethane	ND		ug/m³	1.6	1.6	2.52	EPA TO-15	07/29/2014 07:14	07/30/2014 17:54	ALD
100-44-7	Benzyl chloride	ND		ug/m³	1.3	1.3	2.52	EPA TO-15	07/29/2014 07:14	07/30/2014 17:54	ALD
71-43-2	**Benzene**	**1.1**		ug/m³	0.81	0.81	2.52	EPA TO-15	07/29/2014 07:14	07/30/2014 17:54	ALD
67-64-1	**Acetone**	**17**		ug/m³	0.60	0.60	2.52	EPA TO-15	07/29/2014 07:14	07/30/2014 17:54	ALD
591-78-6	* 2-Hexanone	ND		ug/m³	2.1	2.1	2.52	EPA TO-15	07/29/2014 07:14	07/30/2014 17:54	ALD
78-93-3	**2-Butanone**	**1.6**		ug/m³	0.74	0.74	2.52	EPA TO-15	07/29/2014 07:14	07/30/2014 17:54	ALD
123-91-1	1,4-Dioxane	ND		ug/m³	0.91	0.91	2.52	EPA TO-15	07/29/2014 07:14	07/30/2014 17:54	ALD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.5	1.5	2.52	EPA TO-15	07/29/2014 07:14	07/30/2014 17:54	ALD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.5	1.5	2.52	EPA TO-15	07/29/2014 07:14	07/30/2014 17:54	ALD
106-99-0	1,3-Butadiene	ND		ug/m³	1.1	1.1	2.52	EPA TO-15	07/29/2014 07:14	07/30/2014 17:54	ALD
108-67-8	**1,3,5-Trimethylbenzene**	**6.6**		ug/m³	1.2	1.2	2.52	EPA TO-15	07/29/2014 07:14	07/30/2014 17:54	ALD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.8	1.8	2.52	EPA TO-15	07/29/2014 07:14	07/30/2014 17:54	ALD

Sample Information

Client Sample ID: **SV-3** **York Sample ID:** **14G1004-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G1004	929 Atlantic Ave Brooklyn, NY	Soil Vapor	July 23, 2014 3:00 pm	07/25/2014

Volatile Organics, EPA TO15 Full List

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-87-5	1,2-Dichloropropane	ND		ug/m³	1.2	1.2	2.52	EPA TO-15	07/29/2014 07:14	07/30/2014 17:54	ALD
107-06-2	1,2-Dichloroethane	ND		ug/m³	1.0	1.0	2.52	EPA TO-15	07/29/2014 07:14	07/30/2014 17:54	ALD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.5	1.5	2.52	EPA TO-15	07/29/2014 07:14	07/30/2014 17:54	ALD
95-63-6	**1,2,4-Trimethylbenzene**	**22**		ug/m³	1.2	1.2	2.52	EPA TO-15	07/29/2014 07:14	07/30/2014 17:54	ALD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.9	1.9	2.52	EPA TO-15	07/29/2014 07:14	07/30/2014 17:54	ALD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	1.0	1.0	2.52	EPA TO-15	07/29/2014 07:14	07/30/2014 17:54	ALD
75-34-3	1,1-Dichloroethane	ND		ug/m³	1.0	1.0	2.52	EPA TO-15	07/29/2014 07:14	07/30/2014 17:54	ALD
75-69-4	**Trichlorofluoromethane (Freon 11)**	**5.4**		ug/m³	1.4	1.4	2.52	EPA TO-15	07/29/2014 07:14	07/30/2014 17:54	ALD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	1.4	1.4	2.52	EPA TO-15	07/29/2014 07:14	07/30/2014 17:54	ALD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.9	1.9	2.52	EPA TO-15	07/29/2014 07:14	07/30/2014 17:54	ALD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.7	1.7	2.52	EPA TO-15	07/29/2014 07:14	07/30/2014 17:54	ALD
71-55-6	**1,1,1-Trichloroethane**	**1.8**		ug/m³	1.4	1.4	2.52	EPA TO-15	07/29/2014 07:14	07/30/2014 17:54	ALD
75-71-8	**Dichlorodifluoromethane**	**430**		ug/m³	12	12	25.2	EPA TO-15	07/29/2014 07:14	07/29/2014 21:38	ALD
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.9	1.9	2.52	EPA TO-15	07/29/2014 07:14	07/30/2014 17:54	ALD
124-48-1	Dibromochloromethane	ND		ug/m³	2.0	2.0	2.52	EPA TO-15	07/29/2014 07:14	07/30/2014 17:54	ALD
80-62-6	Methyl Methacrylate	ND		ug/m³	1.0	1.0	2.52	EPA TO-15	07/29/2014 07:14	07/30/2014 17:54	ALD
108-90-7	Chlorobenzene	ND		ug/m³	1.2	1.2	2.52	EPA TO-15	07/29/2014 07:14	07/30/2014 17:54	ALD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*91.7 %*	*72-118*

Notes and Definitions

QL-03 This LCS analyte recovered outside of acceptance limits. The LCS contains approximately 70 compounds, a limited number of which may be outside acceptance windows.

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*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Field Chain-of-Custody Record - AIR

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

York Project No. 14G1004

YOUR Information
Company: Alpha-Hydro Env
Address: 1503 Wave Ave
Medford, NY 11763
Phone No. (631) 448-1862
Contact Person: David Oloke
E-Mail Address:

Report To:
Company: Alpha-Hydro Env
Address: 1503 Wave Ave
Medford NY 11763
Phone No. (631) 448-1862
Attention: David Oloke
E-Mail Address:

Invoice To:
Company: Alpha-Hydro Env
Address:
Phone No.
Attention: Accts Payable
E-Mail Address:

YOUR Project ID
929 Atlantic Ave
Brooklyn, NY

Purchase Order No.
Job # 14-1336

Samples from: CT___ NY ✓ NJ___

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

Report Type/Deliverables
Summary Report ✓
Summary w/ QA Summary ___
CT RCP Package ___
NY ASP A Package ___
NY ASP B/CLP Pkg ___
NJDEP Reduced ___
Electronic Deliverables:
EDD (Specify Type) ___
Standard Excel ___
Regulatory Comparison Excel ___

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

David Oloke
Samples Collected/Authorized By (Signature)
David Oloke
Name (printed)

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

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

Detection Limits Required
≤ 1 ug/m³ ___
NYSDEC VI Limits___
(VI = vapor intrusion)
NJDEP low level ___
Routine Survey ___
Other___

Special Instructions

Sample Identification	Date Sampled	AIR Matrix	Canister Vacuum Before Sampling (in. Hg)	Canister Vacuum Afer Sampling (in. Hg)	Choose Analyses Needed from the Menu Above and Enter Below	Sampling Media
SV-1	7/23/14	AS	-28	-4.5	EPA TO-15 Volatiles	6 Liter Summa canister ✓ Tedlar Bag
SV-2	7/23/14	AS	-29	-4.5	EPA TO-15 Volatiles	6 Liter Summa canister ✓ Tedlar Bag
SV-3	7/23/14	AS	-29	-4.5	EPA TO-15 Volatiles	6 Liter Summa canister ✓ Tedlar Bag
						6 Liter Summa canister___ Tedlar Bag___
						6 Liter Summa canister___ Tedlar Bag___
						6 Liter Summa canister___ Tedlar Bag___
						6 Liter Summa canister___ Tedlar Bag___
						6 Liter Summa canister___ Tedlar Bag___
						6 Liter Summa canister___ Tedlar Bag___
						6 Liter Summa canister___ Tedlar Bag___

Comments

David Oloke 7/24/14 8:30 Am
Samples Relinquished By Date/Time

Samples Relinquished By Date/Time

K Bach 7-24-14 1:20 PM
Samples Received By Date/Time

E Schneck 7/24/14 1805
Samples Received in LAB by Date/Time