

925 - 927 ATLANTIC AVENUE

BROOKLYN, NEW YORK, 11238

Remedial Investigation Report

NYC VCP Site Number: 16CVCP066K

OER Project Number 16EH-N045K

NYSDEC Spill # 1507933

USEPA No. 1143621

Prepared for:

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REMEDIAL INVESTIGATION REPORT

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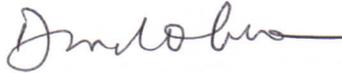
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LIST OF ACRONYMS

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 925 – 927 Atlantic Avenue, Brooklyn NY, (NYC VCP Site No. 16CVCP066K and OER Project # 16EH-N045K). 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.

David Oloke 04/21/16 

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 -Background

The subject property consists of a single lot located in a mixed use residential/commercial area along the north side of Atlantic Avenue, in the Clinton Hill section of Brooklyn NY. The subject property is improved with a one-story concrete block building with a mezzanine and cellar foundation built in 1930 (estimated). The building is currently vacant.

The nearest cross street to the Site is St James Place to the west and Grand Avenue to the east. Atlantic Avenue subway line runs in an east-west direction and is approximately 100 feet south of the subject property (see Figure 1 – Site Location Map).

Based on information gathered from the New York City Department of City Planning, the subject property is approximately 5,000 square feet (sf) in area. The Site ground surface elevation is approximately 81 feet above mean sea level (USGS topographic map Brooklyn NY, revised 1995). The latitude and longitude are 40.680700 degrees north and 73.961900 degrees west respectively (see Figure 2 – Site Map).

Summary of Redevelopment Plan

The proposed redevelopment plan for the Site consists of new 7-story building with a full cellar. The building is zoned R7A/C2-4 – Residential FAR is 3.45; Parking is not required. The height of the building will be 71'-4", with a 10' setback at 50' facing Atlantic Ave. The building footprint will be 3,030 SF. The building will have 21 new residential units – (19 single level apartments & 2 duplex apartments).

The two 1st floor duplex apartments will each have access to lower levels located in the cellar. Each will have a private rear yard, which will also extend down to the cellar level. The 6th floor front apartment will have a private terrace facing Atlantic Avenue. There will be a communal terrace on the 7th floor facing Atlantic Avenue. The building will have a 569 SF communal exercise room located on the 1st floor. The building will have one residential elevator, with travel from cellar to 8th floor (Figure 3 – Architectural Plans),

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 February 20, 2015. A copy of the Phase I have been sent to the OER. Based on the Sanborn Maps, it shows that the subject property consists of two separate lots from 1887 – 1934 and was improved with four-story store buildings. During 1950 – 2007, the Sanborn Map identified the subject property as an auto wheel alignment shop. The City Directory Abstract for the subject property indicates that 925 Atlantic Avenue over the years had multiple tenants which included Sica Wheel Alignment Corp (1965 – 2013), Atlantic Wheel & Rim Co. Inc.(1949 – 1960) and was a mixed use residential and commercial property during 1934. At 927 Atlantic Avenue, the City Directory Abstracts identified its former use as a residential/commercial property from 1928 through 1934.

The former hydraulic lift area located within the building is considered an area of concern based on work performed on 10/23/15. During the removal of the hydraulic lifts, it was discovered that one of the hydraulic tanks may have leaked. NYSDEC Spill No. 1507933 and EPA No. 1143621 were assigned to the Site. The NYSDEC spill case manager is Mr. Santos Mahat (Environmental Engineer 1, Region 2).

The AOCs identified for this Site include:

1. The Site was historically utilized as an auto repair/wheel alignment shop
 2. Historic fill layer is present at the Site from grade to depths of at least 10 feet below grade.
 3. Former Hydraulic lift area located within the building at the western portion of the site.

Summary of the Work Performed under the Remedial Investigation

1. Conducted Site inspection to identify AOCs and physical obstructions

2. Performed geophysical survey 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.
3. 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;
4. A total of four attempts were made to install temporary monitoring wells but all resulted in abortive temporary wells.
5. Installed a total of three soil vapor probes on the subject property one of which was installed in the basement.
6. Excavated and removed two existing front and rear in-ground hydraulic lifts, dismantled and removed a below ground wheel alignment racks and obtained waste characterization soil samples from the hydraulic lift excavation.

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 as determined from adjacent site (929 Atlantic Avenue).
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 10 feet which is underlain by native brown, fine grain 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 Pesticides at a concentration above Unrestricted Use SCOs. Several SVOCs were detected within the historic fill and exceeded Unrestricted Use SCOs. Of these, benzo(a)anthracene (max. of 19,900 µg/Kg), benzo(a)pyrene (max. of 5420 µg/Kg), benzo(b)-fluoranthene (max. of 6460 µg/Kg), benzo(k)fluoranthene (max. of 8670 µg/Kg), chrysene (max. of 18400 µg/Kg), dibenzo(a)anthracene (max. 1530 of µg/Kg)

and Indeno (1,2,3-cd) pyrene (max. of 2850 µg/Kg) exceeded Restricted Use and Unresidential SCOs in four shallow soil sampling locations. The metals barium (max. of 779 mg/Kg), chromium (max. of 30.2 mg/Kg), copper (max. of 88.8 mg/Kg), lead (max. of 2710 mg/Kg), zinc (max. of 759 mg/Kg) and mercury (max. of 0.934 mg/Kg) were detected above the Unrestricted Residential Use SCOs. Of these, barium, lead and mercury exceeded Restricted Residential Use SCOs. Aroclor 1260 (max. of 0.0395 µg/Kg) was detected in soil boring SP-2 at close proximity to the in-ground hydraulic lift at the 0-2 foot depth interval. Waste characterization laboratory results from the hydraulic lift area indicate that all targeted compounds analyzed were below the NYSDEC 6NYCRR Part 375-6.8 Restricted and Unrestricted Use SCOs. Overall, soil results are consistent with historic fill material at sites throughout NYC.

7. Groundwater samples could not be obtained from all four attempts made at the site. Monitoring well borings were completed at four different locations to depth ranging from 65 feet to 70 feet below grade. Refusals were encountered at each monitoring locations. Depth to groundwater at the adjoining site (929 Atlantic Ave) was detected at 70 feet below grade.

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 and USEPA Building Assessment and Survey Evaluation Database. Soil vapor sample results indicated petroleum related VOCs at a low concentration. One chlorinated VOC - tetrachloroethylene (PCE) was detected at a maximum concentration of 99 µg/m³ exceeding the USEPA 2001 Building Assessment Survey and Evaluation 90th Percentile, while there was no detection for trichloroethylene (TCE) or carbon tetrachloride in any of the three soil vapor samples. Other compound detected at low concentration includes acetone (max. of 120 µg/m³). Petroleum-related VOCs (BTEX) were detected at a maximum concentration of 271.4 µg/m³.

REMEDIAL INVESTIGATION REPORT

1.0 Site Background

Elevation Holdings LLC is working with NYC Office of Environmental Remediation (OER) in the New York City Voluntary Cleanup Program (NYC VCP) and/or in the “E” Designation program to investigate and remediate a site located at 925 – 927 Atlantic Avenue in the Fort Green/Clinton Hill section of Brooklyn, New York. A seven-story residential building is proposed for the property. The RI work was performed on August 26, 2015. 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 subject property consists of a single lot located in a mixed use residential/commercial area along the north side of Atlantic Avenue, in the Clinton Hill section of Brooklyn NY. The subject property is improved with a one-story concrete block building with a mezzanine and cellar foundation built in 1930 (estimated). The building is currently vacant.

The nearest cross street to the Site is St James Place to the west and Grand Avenue to the east. Atlantic Avenue subway line runs in an east-west direction and is approximately 100 feet south of the subject property (Figure 1 – Site Location Map).

Based on information gathered from the New York City Department of City Planning, the subject property is approximately 5,000 sf in area. The Site ground surface elevation is approximately 81 feet above mean sea level (USGS topographic map Brooklyn NY, revised 1995). The latitude and longitude are 40.680700 degrees north and 73.961900 degrees west respectively (Figure 2 – Site Map).

1.2 Proposed Redevelopment Plan

The proposed redevelopment plan for the Site consists of new 7-story building with a full cellar. The building is zoned R7A/C2-4 – Residential FAR is 3.45; Parking is not required. The height of the building will be 71’-4”, with a 10’ setback at 50’ facing Atlantic Ave. The building

footprint will be 3,030 SF. The building will have 21 new residential units – (19 single level apartments & 2 duplex apartments).

The two 1st floor duplex apartments will each have access to lower levels located in the cellar. Each will have a private rear yard, which will also extend down to the cellar level. The 6th floor front apartment will have a private terrace facing Atlantic Avenue. There will be a communal terrace on the 7th floor facing Atlantic Avenue. The building will have a 569 SF communal exercise room located on the 1st floor. The building will have one residential elevator, with travel from cellar to 8th floor (Figure 3 – Architectural Plans),

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: 929 – 933 Atlantic Avenue, adjacent property (Block 2018, Lot 54, 55 & 56) – Vacant lot (former auto glass repair shop).

West: 923 Atlantic Avenue, adjacent property (Block 2018, lot 59) – Developed as one story commercial building and utilized as restaurant equipment sale and 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 February 20, 2015. A copy of the Phase I have been sent to the OER. Based on the Sanborn Maps, it shows that the subject property consists of two separate lots from 1887 – 1934 and was improved with four-story store buildings. During 1950 – 2007, the Sanborn Map identified the subject property as an auto wheel alignment shop. The City Directory Abstract for the subject property indicates that 925 Atlantic Avenue over the years had multiple tenants which included Sica Wheel Alignment Corp (1965 – 2013), Atlantic Wheel & Rim Co. Inc.(1949 – 1960) and was a mixed use residential and commercial property during 1934. At 927 Atlantic Avenue, the City Directory Abstracts identified its former use as a residential/commercial property from 1928 through 1934.

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 Tuesday, February 10th, 2015 at 11:30 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 was formerly occupied by Sica Wheel Alignment Corp and U.S Restaurant Equipment Inc. Access to the building is via two separate rollup doors which lead to an open floor repair space within the building. The main interior floor space consists of poured concrete floor with masonry block walls, a high ceiling which consists of wire glass skylight, ceiling mounted florescent light fixtures and gas-fired unit heaters. A front and rear In-ground hydraulic lift, wheel alignment racks and above ground auto lifts, repair tools and equipments were observed within the repair garage. As at the time of the site inspection, two vehicles were hoisted on the above ground lifts for repairs. The in-ground hydraulic lifts appear to be out of commission and may have impacted upon the environmental integrity of the subject property.

The office area is located by the entrance and consists of mezzanine and cellar level. Access to the mezzanine is via a staircase which leads to an employee break room and bathroom. A stairway along the west interior wall of the building leads to the cellar which consists of poured concrete floor with iron beams supporting the cellar ceiling. The walls are constructed of concrete blocks and red bricks. The cellar houses the water heater, gas meter, electric meter and electrical panel box for the subject property.

The storefront of the subject property is occupied by U.S Restaurant Equipment Inc. The restaurant equipment store is involved with the repair and sales of new and used restaurant equipments and items. There are no chemicals or hazardous materials identified within the store.

2.4 Areas of Concern

The AOCs identified for this Site include:

1. The Site was historically utilized as an auto repair/wheel alignment shop
 2. Historic fill layer is present at the Site from grade to depths of at least 10 feet below grade.
 3. Former Hydraulic lift area located within the building at the western portion of the site.

A copy of the Phase 1 Report has been submitted to the OER. A map showing areas of concern is presented in Figure 5.

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. Performed geophysical survey 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.
3. 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;
4. A total of four attempts were made to install temporary monitoring wells but all resulted in abortive wells.
5. Installed a total three soil vapor probes on the subject property one of which was installed in the basement.
6. Excavated and removed two existing front and rear in-ground hydraulic lifts, dismantle and removed wheel alignment racks and obtained waste characterization soil sample.

4.1 Geophysical Investigation

The geophysical survey was performed on August 25, 2015 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 August 26, 2015, a qualified environmental driller and helper advanced one hand auger boring in the basement of the one-story building at the site and installed four soil probes and three soil gas points at select locations 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 hand auger boring in the basement terminated at a depth of nine feet below grade (3ft below 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.

Four deep soil probes were advanced to a depth of fifteen (15) 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 the abortive temporary groundwater well points is shown in Figure 6.

Temporary Groundwater Well

Four attempts were made to install temporary groundwater wells at the Site. Each attempt failed due to refusals encountered at approximately sixty-five below grade.

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 In-ground Hydraulic Lifts and Wheel Alignment Racks Removal

On October 23, 2015, a licensed and certified subcontractor was onsite to remove the two existing front and rear in-ground hydraulic lifts and dismantle and remove two front end wheel alignment racks from the Site.

Prior to removal, the hydraulic lift area was saw cut and then the overburden concrete and soils surrounding the lift was excavated utilizing a backhoe. All remaining hydraulic fluid was extracted from the lift and cylinder. Following extraction of the hydraulic fluid, the lifts and cylinders were removed and placed on the ground. The cylinders were visually inspected and one of the cylinders appears rusted and may have leaked (Appendix B – Photo log).

The open excavation was visually inspected and visual and strong olfactory evidence of soil contamination was detected. Excavated soils were field screened with the aid of a photo ionization detector (PID). The readings ranged from 0.2 ppm at the 0-2 foot depth level to 0.9 ppm at the six foot depth level. No PID readings were detected at the seven foot depth level.

Due to soil contamination encountered with the open excavation, the NYSDEC Spill hotline was contacted and spill case number **1507933** was assigned for the Site. Attached is the correspondence received from the NYSDEC (Appendix C – NYSDEC Correspondence).

All excavated soils were utilized to backfill the hydraulic lift excavation pending when construction work will commence at the Site. The NYSDEC has been informed about the pending soil removal from the hydraulic lift area and the spill case manager has requested that he be notified prior to commencement of soil excavation. At the time of soil removal, five endpoint samples will be collected. A detailed scope of work for endpoint sampling of the hydraulic lift area will be included in the Remedial Action Work Plan.

Also, the wheel alignment racks located within a pit at the eastern portion of the repair garage was dismantled and removed, the waste hydraulic oil, scrap lift and wheel alignment racks were placed on a truck and secured for off-site transport and disposal at an approved waste disposal facility. No endpoint samples were required from the wheel alignment pit due to the concrete bottom.

4.4 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. The media sampled and evaluated for this RIR include soil, and soil vapor. No groundwater samples could be obtained for analysis due to refusals encountered at sixty-five feet below grade in all locations attempted at the Site. 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 of ten soil samples and one duplicate soil sample was collected for chemical analysis during this RI. In soil probes SP-1 to SP-4, one shallow (0 – 2ft) and one deep (12-14ft) sample including a duplicate (12-14ft) from SP-1 were retained for analyses. HA-1 was advanced in the basement utilizing the stainless steel hand auger and soil samples were collected at 6 - 8 foot and 8 - 9 foot depth intervals. Table 1 provides the construction details for soil borings.

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 6 shows the location of samples collected in this investigation. Laboratories and analytical methods are shown below.

Groundwater Sampling

No groundwater samples were obtained due to abortive temporary wells. Probe rod refusals were encountered at approximately sixty-five below grade in all four groundwater points attempted at the Site.

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 6. Soil vapor sample collection data is reported in Table 6. 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 within the repair garage in soil-gas probes SV-2 and SV-3 and were advanced with the track-mounted Geoprobe[®] 7720 DT to a depth of approximately ten [10] feet below ground. Sub-slab soil-gas probe SV-1 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. 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 D - 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	<p>Soil analytical methods:</p> <ul style="list-style-type: none"> • TAL Metals by EPA Method 6010C (rev. 2007); • VOCs by EPA Method 8260C (rev. 2006); • SVOCs by EPA Method 8270D (rev. 2007); • Pesticides by EPA Method 8081B (rev. 2000); • PCBs by EPA Method 8082A (rev. 2000); <p>Groundwater analytical methods:</p> <ul style="list-style-type: none"> • TAL Metals by EPA Method 6010C (rev. 2007); • VOCs by EPA Method 8260C (rev. 2006); • SVOCs by EPA Method 8270D (rev. 2007); • Pesticides by EPA Method 8081B (rev. 2000); • PCBs by EPA Method 8082A (rev. 2000); <p>Soil vapor analytical methods:</p> <ul style="list-style-type: none"> • VOCs by TO-15 VOC parameters..

Results of Chemical Analyses

Laboratory data for soil and soil vapor are summarized in Tables 2 through 5, respectively. Laboratory data deliverables for all samples evaluated in this RIR are provided in digital form in Appendix E & F.

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 10 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 is approximately 70 feet as determined from adjacent site located to the east (929 – 933 Atlantic Avenue). 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 7 through 9 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 Pesticides at a concentration above Unrestricted Use SCOs. Several SVOCs were detected within the historic fill and exceeded Unrestricted Use SCOs. Of these, benzo(a)anthracene (max. of 19,900 µg/Kg), benzo(a)pyrene (max. of 5420 µg/Kg), benzo(b)-fluoranthene (max. of 6460 µg/Kg), benzo(k)fluoranthene (max. of 8670 µg/Kg), chrysene (max. of 18400 µg/Kg), dibenzo(a)anthracene (max. of 1530 µg/Kg) and Indeno (1,2,3-cd) pyrene (max. of 2850 µg/Kg) exceeded Restricted Use and Unresidential SCOs in four shallow soil sampling locations. The metals barium (max. of 779 mg/Kg), chromium (max. of 30.2 mg/Kg), copper (max. of 88.8 mg/Kg), lead (max. of 2710 mg/Kg), zinc (max. of 759 mg/Kg) and mercury (max. of 0.934 mg/Kg) were detected above the Unrestricted Residential Use SCOs. Of these, barium, lead and mercury exceeded Restricted Residential Use SCOs. Aroclor 1260 (max. of 0.0395 µg/Kg) was detected in soil boring SP-2 at close proximity to the in-ground hydraulic lift at the 0-2 foot depth interval. Overall, soil results are consistent with historic fill material at sites throughout NYC.

5.3 Groundwater Chemistry

Groundwater samples could not be obtained from all four abortive temporary wells installed at the site. Refusal was encountered at approximately sixty-five feet below grade at all attempted temporary well locations.

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 6.

Figure 10 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 and USEPA Building Assessment and Survey Evaluation Database. Soil vapor sample results indicated petroleum related VOCs at a low concentration. The chlorinated VOC - tetrachloroethylene (PCE) was detected at a maximum concentration of 99 $\mu\text{g}/\text{m}^3$ exceeding the USEPA 2001 Building Assessment Survey and Evaluation 90th Percentile, while there was no detection for trichloroethylene (TCE) or carbon tetrachloride in any of the three soil vapor samples. Other compounds detected at low concentrations includes acetone (max. 120 $\mu\text{g}/\text{m}^3$). Petroleum-related VOCs (BTEX) were detected at a maximum concentration of 271.4 $\mu\text{g}/\text{m}^3$.

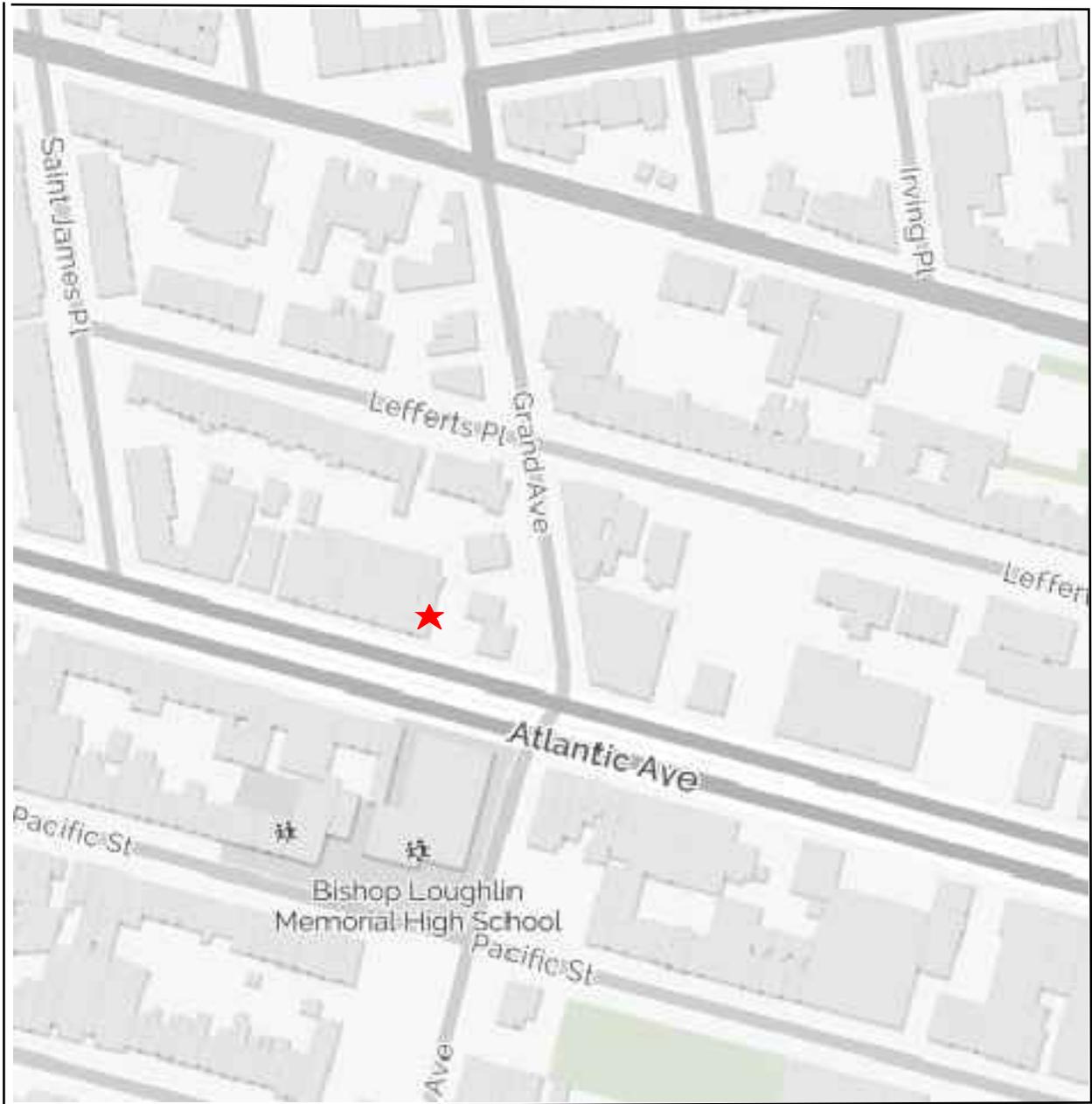
5.5 Prior Activity

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

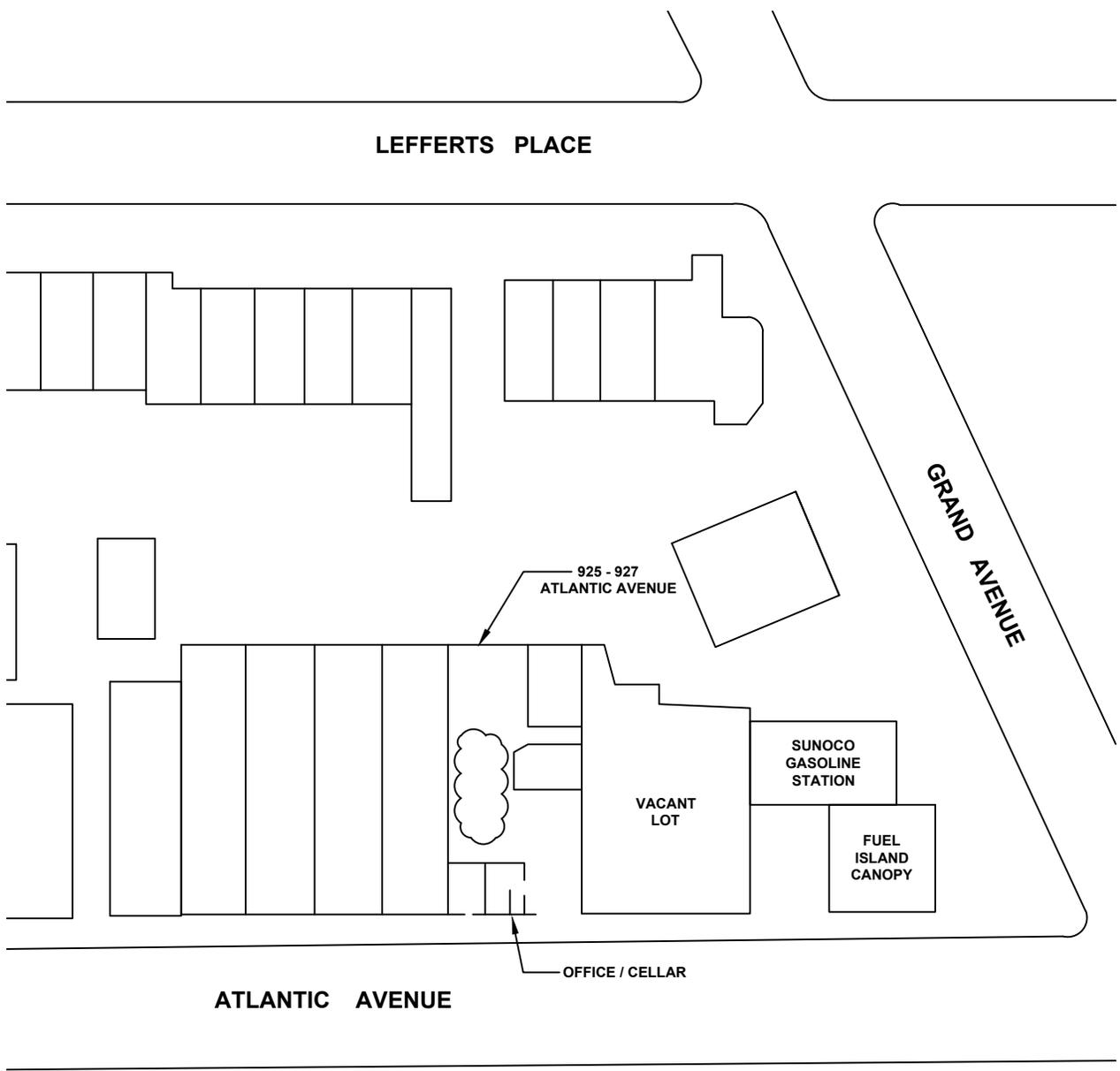


**ALPHA-HYDRO
ENVIRONMENTAL SERVICES**
A PARADIGM OF EXCELLENCE

1503 Wave Avenue, Medford NY 11763

**FIGURE 1
SITE LOCATION MAP**

DATE:	1/5/16	925 - 927 Atlantic Avenue
GEOLOGIST:	D.O.	Brooklyn, NY 11238
DRAWN BY:	J.F.	FILE NO: AH-15-10183



ALPHA-HYDRO
ENVIRONMENTAL SERVICES
 A PARADIGM OF EXCELLENCE

1503 Wave Avenue, Medford NY 11763

FIGURE 2
SITE PLAN

DATE:	1/5/16	925 - 927 Atlantic Avenue Brooklyn, NY 11238
GEOLOGIST:	D.O.	
DRAWN BY:	J.F.	FILE NO: AH-15-10183

925 ATLANTIC AVENUE

BROOKLYN, NY 11238

WORK DESCRIPTION

- PROPOSED NEW SEVEN (7) STORY, TWENTY-ONE (21) DWELLING UNITS
- THE BUILDING PROPOSED IS NOT TO BE CONSTRUCTED OF MODULAR OR PREFAB CONSTRUCTION.

OWNER

BROOKLAND CAPITAL
308 MALCOM X BLVD.
BROOKLYN, NY 11233
TEL. 718 544 3784

ARCHITECT OF RECORD

FEINGOLD & GREGORY ARCHITECTS
118 WEST 83RD STREET
NEW YORK, NY 10024
TEL. 212 595 6895

DESIGN ARCHITECT

ROART
304 MALCOM X BLVD.
BROOKLYN, NY 11233
TEL. 718 544 3784

STRUCTURAL ENGINEER

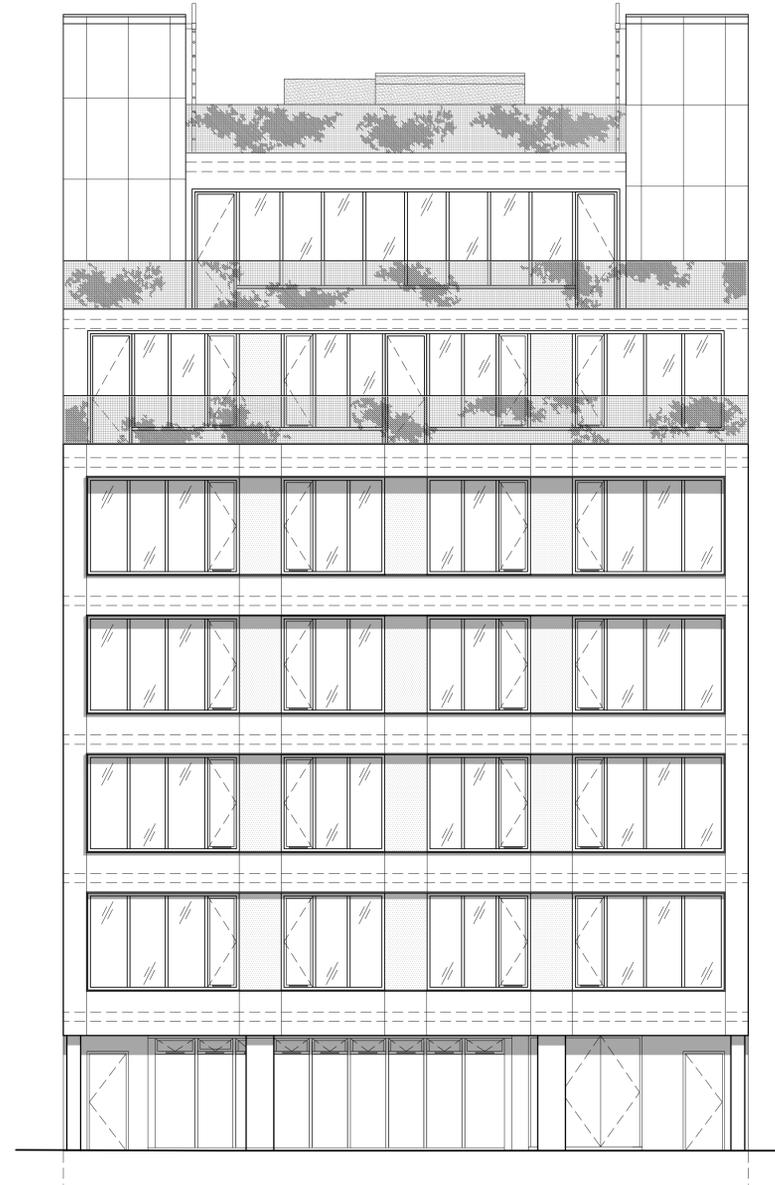
GACE CONSULTING ENGINEERS PC
105 MADISON AVE
NEW YORK, NY 10016
TEL. 212 545 7878

MECHANICAL ENGINEER

NEVILLE ENGINEERING GROUP
661 PLAINVIEW ROAD
BETHPAGE, NY 11714
TEL. 516 522 6770

ENVIRONMENTAL CONSULTANT

ALPHA-HYDRO ENVIRONMENTAL
1503 WAVE AVENUE
MEDFORD, NY 11763
TEL. 631.448.1862



DRAWING LIST

GENERAL

- T-001.00 COVER SHEET, DRAWING LIST
- G-100.00 GENERAL NOTES
- G-110.00 BUILDING CODE ANALYSIS
- G-111.00 LIFE SAFETY PLANS I
- G-112.00 LIFE SAFETY PLANS II
- G-113.00 EXIT SUMMARY & OCCUPANCY CALCULATIONS
- G-120.00 ACCESSIBILITY NOTES I
- G-121.00 ACCESSIBILITY NOTES 2
- G-125.00 TYPICAL SIGNAGE NOTES & DETAILS

ZONING

- Z-001.00 ZONING ANALYSIS I
- Z-002.00 ZONING ANALYSIS II
- Z-003.00 ZONING ANALYSIS III

ENERGY

- EN-001.00 ENERGY CODE COMPLIANCE CERTIFICATES
- EN-002.00 TR8 SPECIAL INSPECTION CHECKLIST
- EN-100.00 ENERGY ANALYSIS I
- EN-101.00 ENERGY ANALYSIS II
- EN-102.00 WEIGHTED AVERAGE U-VALUES

REFERENCE

- R-101.00 SITE SURVEY

ARCHITECTURAL

- A-001.00 ABBREVIATIONS & SYMBOLS
- A-002.00 PARTITION TYPES
- A-100.00 CONSTRUCTION PLAN - CELLAR, FIRST FLOOR PLAN
- A-101.00 CONSTRUCTION PLAN - SECOND, THIRD FLOOR PLAN
- A-102.00 CONSTRUCTION PLAN - FOURTH, FIFTH FLOOR PLAN
- A-103.00 CONSTRUCTION PLAN - SIXTH, SEVENTH FLOOR PLAN
- A-104.00 CONSTRUCTION PLAN - ROOF & BULKHEAD PLAN

- A-150.00 REFLECTED CEILING PLAN - CELLAR
- A-151.00 REFLECTED CEILING PLAN - FIRST FLOOR
- A-152.00 REFLECTED CEILING PLAN - SECOND FLOOR
- A-153.00 REFLECTED CEILING PLAN - THIRD FLOOR
- A-154.00 REFLECTED CEILING PLAN - FOURTH FLOOR
- A-155.00 REFLECTED CEILING PLAN - FIFTH FLOOR
- A-156.00 REFLECTED CEILING PLAN - SIXTH FLOOR
- A-157.00 REFLECTED CEILING PLAN - SEVENTH FLOOR
- A-158.00 REFLECTED CEILING PLAN - ROOF

- A-201.00 EXTERIOR ELEVATIONS - NORTH & SOUTH
- A-202.00 EXTERIOR ELEVATION - WEST
- A-203.00 EXTERIOR ELEVATION - EAST

- A-210.00 WINDOW SCHEDULE & WINDOW TYPES

- A-250.00 BUILDING SECTION I & II
- A-251.00 BUILDING SECTION III

- A-601.00 DOOR TYPES & SCHEDULE
- A-602.00 STAIR DETAILS
- A-610.00 REFUSE & COMPACTOR RM PLANS & SECTIONS

STRUCTURAL

- FO-101.00 FOUNDATION/CELLAR PLAN
- S-001.00 GENERAL NOTES
- S-002.00 TYPICAL DETAILS 1
- S-003.00 TYPICAL DETAILS 2
- S-101.00 1ST FLOOR FRAMING PLAN
- S-102.00 2ND FLOOR FRAMING PLAN
- S-103.00 3RD THRU 5TH FLOOR FRAMING PLAN
- S-104.00 6TH FLOOR FRAMING PLAN
- S-105.00 ROOF AND BULKHEAD FLOOR FRAMING PLANS
- S-301.00 SCHEDULES
- S-401.00 SHEAR WALL DETAILS

MECHANICAL

- M-100.00 CELLAR FLOOR PLAN
- M-101.00 FIRST FLOOR PLAN
- M-102.00 SECOND FLOOR PLAN
- M-103.00 THIRD - FIFTH FLOOR PLAN
- M-104.00 SIXTH FLOOR PLAN
- M-105.00 ROOF & BULKHEAD PLAN

PLUMBING

- P-100.00 CELLAR FLOOR PLAN
- P-101.00 FIRST FLOOR PLAN
- P-102.00 SECOND FLOOR PLAN
- P-103.00 THIRD - FIFTH FLOOR PLAN
- P-104.00 SIXTH FLOOR PLAN
- P-105.00 ROOF & BULKHEAD PLAN

SPRINKLER

- SP-100.00 CELLAR FLOOR PLAN
- SP-101.00 FIRST FLOOR PLAN
- SP-102.00 SECOND FLOOR PLAN
- SP-103.00 THIRD - FIFTH FLOOR PLAN
- SP-104.00 SIXTH FLOOR PLAN
- SP-105.00 ROOF & BULKHEAD PLAN

PROJECT:

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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.

STRUCTURAL ENGINEER

GACE consulting engineers pc

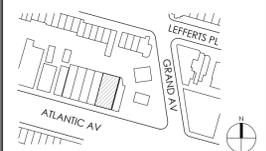
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MECHANICAL ENGINEER

NEVILLE ENGINEERING GROUP

661 PLAINVIEW ROAD
BETHPAGE, NY 11714
(516) 522.6770

SITE PLAN



PROJECT No: 1501

1 DOB REVIEW 12/31/15
1 ISSUED FOR DOB FILING 08/06/15
REV. DATE

DRAWING TITLE:

COVER PAGE AND
DRAWING LIST

DATE: 12/31/2015

SCALE: AS NOTED

DRAWN BY: JD, MT

CHECKED BY: JD

DRAWING NO: 01 OF 43

SHEET: T-100.00

SEAL & SIGNATURE OF ARCHITECT



2014 NEW YORK CITY BUILDING CODE ANALYSIS

BUILDING OCCUPANCY CLASSIFICATION: MIXED OCCUPANCY; MAIN OCCUPANCY RESIDENTIAL (R-2) (TABLE 302.1)
 CELLAR: OCC. GROUP = R-2, RESIDENTIAL; U, UTILITY; S, STORAGE
 1ST FLR: OCC. GROUP = R-2, RESIDENTIAL
 2ND-7TH FLR: OCC. GROUP = R-2, RESIDENTIAL

CONSTRUCTION CLASSIFICATION: (PER SECTION 602) TYPE 1B

TABULAR LIMITS: (PER TABLE 503)

ALLOWABLE HEIGHT:
 R-2, SPRINKLERED UNLIMITED (UL)
 PROPOSED 7 STORY BLDG.

ALLOWABLE AREA:
 R-2, SPRINKLERED UNLIMITED (UL)
 PROPOSED BLDG. AREA

PROPERTY IS INSIDE THE FIRE DISTRICT
 (120' ABOVE LOWEST LEVEL OF FIRE DEPT ACCESS.)

BUILDING IS CLASS 'A' MULTIPLE DWELLING

FIRE RATING OF CONSTRUCTION ELEMENTS: TYPE 1B (PER TABLE 601,602)

EXTERIOR WALLS:	REQUIRED	PROVIDED
PRIMARY STRUCTURAL FRAME	2HR.	1HR.
BEARING WALLS EXTERIOR	2HR.	2HR.
BEARING WALLS INTERIOR	1HR.	N/A
NON-BEARING WALLS / PARTITIONS EXTERIOR		
FIRE SEPARATION DISTANCE <5'	1HR.	1 HR.
FIRE SEPARATION DISTANCE >= 5' <10'	1HR.	1 HR.
FIRE SEPARATION DISTANCE >=10' <30'	1HR.	1 HR.
FIRE SEPARATION DISTANCE >= 30'	0HR.	
NON-BEARING WALLS / PARTITIONS INTERIOR	0HR.	0HR.
FLOOR CONSTRUCTION AND SECONDARY MEMBERS	2HR.	2HR.
ROOF CONSTRUCTION AND SECONDARY MEMBERS	1HR.	1HR.

MAX AREA OF EXTERIOR WALL OPENINGS: (PER TABLE 705.8)

CLASSIFICATION	FIRE RATING DISTANCE
PROTECTED	NOT REQUIRED DISTANCE GREATER THAN 30 FT.

FIRE WALL RESISTANCE RATINGS: (PER TABLE 706.4)

OCCUPANCY GROUP	FIRE INDEX
R-2	2

SEPARATION OF OCCUPANCIES: (PER TABLE 707.3.9)

OCCUPANCY GROUP	FIRE INDEX
R-2	2

MIXED OCCUPANCIES (PER TABLE 508.4, 509)

OCCUPANCIES	FIRE SEPARATION	FIRE RESISTANCE RATING REQ'D
R-2	R-2	1 HR. (BETWEEN APARTMENTS)
R-2	S-2	2 HR
MECH./ELEC.		1 HR, OR PROVIDE AUTOMATIC FIRE EXTINGUISHING SYSTEM
STORAGE RM.		1 HR, OR PROVIDE AUTOMATIC FIRE EXTINGUISHING SYSTEM
INCIDENTAL USE		
WASTE AND LAUNDRY CHUTE ACCESS RMS. OVER 100 SF		1 HR. OR AUTOMATIC FIRE EXTINGUISHING SYSTEM
FIRE PUMP RM - NON HIGH RISE		2 HR. OR 1 HR AND AUTOMATIC FIRE EXTINGUISHING SYSTEM

NOTE: INCIDENTAL USES SHALL NOT EXCEED 10% OF THE BUILDING IN WHICH THEY ARE LOCATED.

INTERIOR FINISHES: (PER SEC 803, 804, TABLE 803.1)

OCCUPANCIES	EXIT ENCLOSURES
R-2	B
U	NO RESTRICTIONS
S	B

NOTES:

1. EXIT ENCLOSURES: CLASS C INTERIOR FINISH MATERIALS SHALL BE PERMITTED FOR WAINSCOTTING OR PANELING OF NOT MORE THAN 1,000 SQUARE FEET OF APPLIED SURFACE AREA IN THE GRADE LOBBY WHERE APPLIED DIRECTLY TO A NONCOMBUSTIBLE BASE OR OVER FURRING STRIPS APPLIED TO A NONCOMBUSTIBLE BASE AND FIREBLOCKED AS REQUIRED BY SECTION 803.3.1

2. INTERIOR FLOOR FINISH AND FLOOR COVERING MATERIALS SHALL BE TESTED BY AN APPROVED AGENCY IN ACCORDANCE WITH NFPA 253 OR ASTM E 648 AND IDENTIFIED BY A HANG TAG OR OTHER SUITABLE METHOD.

3. CARPET AND CARPET CUSHION AS DEFINED IN SECTION 17-1401 OF THE ADMINISTRATIVE CODES SHALL COMPLY WITH THE LIMITS ON VOLATILE ORGANIC COMPOUND EMISSIONS SET FORTH IN CHAPTER 14 OF TITLE 17 OF SUCH COD.

FIRE BARRIERS: (SEC. 707)

- SHAFT ENCLOSURES 1 HR IF LESS THAN 3 STORIES; 2 HR IF 3 STORIES OR MORE
- EXIT ENCLOSURES 1 HR IF LESS THAN 4 STORIES; 2 HR IF 4 STORIES OR MORE
- EXIT PASSAGEWAY 1 HR BUT NOT LESS THAN REQUIRED FOR CONNECTING ENCLOSURE.
- HORIZONTAL EXIT 2 HRS.

406.2.2 CLEAR HEIGHT. THE CLEAR HEIGHT OF EACH FLOOR LEVEL IN VEHICLE AND PEDESTRIAN TRAFFIC AREAS SHALL NOT BE LESS THAN 7 FEET (2134 MM). VEHICLE AND PEDESTRIAN AREAS ACCOMODATING VAN-ACCESSIBLE PARKING REQUIRED BY SECTION 1106.5 SHALL CONFORM TO ICC A117.1.

406.2.3. GUARDS. GUARDS SHALL BE PROVIDED IN ACCORDANCE WITH SECTION 1013. GUARDS SERVING AS VEHICLE BARRIER SYSTEMS SHALL COMPLY WITH SECTION 406.2.4 AND 1013.

708.13 REFUSE AND LAUNDRY CHUTES, REFUSE AND LAUNDRY CHUTES, ACCESS AND TERMINATION ROOMS AND INCINERATOR ROOMS SHALL MEET THE REQUIREMENTS OF SECTIONS 708.13.1 THROUGH 708.13.6.
 EXCEPTION: CHUTES SERVING AND CONTAINED WITHIN A SINGLE DWELLING UNIT.

708.13.1 REFUSE AND LAUNDRY CHUTE ENCLOSURES. A SHAFT ENCLOSURE CONTAINING A REFUSE OR LAUNDRY CHUTE SHALL NOT BE USED FOR ANY OTHER PURPOSE AND SHALL HAVE A FIRE-RESISTANCE RATING OF 2 HOURS. OPENINGS INTO THE SHAFT, INCLUDING THOSE FROM ACCESS ROOMS AND TERMINATION ROOMS, SHALL BE PROTECTED IN ACCORDANCE WITH THIS SECTION AND SECTION 715. OPENINGS INTO CHUTES SHALL NOT BE LOCATED IN CORRIDORS. DOORS SHALL BE SELF-CLOSING.

708.13.2 MATERIALS. A SHAFT ENCLOSURE CONTAINING A REFUSE OR LAUNDRY CHUTE SHALL BE CONSTRUCTED OF NONCOMBUSTIBLE MATERIALS.

708.13.3 REFUSE AND LAUNDRY CHUTE ACCESS ROOMS. ACCESS OPENINGS FOR REFUSE AND LAUNDRY CHUTES SHALL BE LOCATED IN DEDICATED ROOMS OR COMPARTMENTS ENCLOSED BY NOT LESS THAN 2-HOUR FIRE BARRIERS CONSTRUCTED IN ACCORDANCE WITH SECTION 707 OR HORIZONTAL ASSEMBLIES CONSTRUCTED IN ACCORDANCE WITH SECTION 712, OR BOTH. OPENINGS INTO THE ACCESS ROOMS SHALL BE PROTECTED BY OPENING PROTECTIVES HAVING A FIRE PROTECTION RATING OF NOT LESS THAN 1 1/2 HOUR. DOORS SHALL BE SELF-CLOSING EXCEPT THAT WHERE THE STORAGE OF REFUSE, INCLUDING RECYCLABLES, OR LAUNDRY IS NOT PERMITTED IN SUCH ACCESS ROOMS DOORS MAY BE AUTOMATIC CLOSING UPON THE DETECTION OF SMOKE IN ACCORDANCE WITH SECTION 715.4.8.3. EXCEPTION: ACCESS OPENINGS FOR REFUSE OR LAUNDRY CHUTES LOCATED WITHIN A DWELLING UNIT NEED NOT BE LOCATED WITHIN A SEPARATE ROOM OR COMPARTMENT.

708.13.4 TERMINATION ROOM. REFUSE AND LAUNDRY CHUTES SHALL DISCHARGE INTO AN ENCLOSED ROOM SEPARATED FROM THE REMAINDER OF THE BUILDING BY NOT LESS THAN 3-HOUR FIRE BARRIERS CONSTRUCTED IN ACCORDANCE WITH SECTION 707 OR HORIZONTAL ASSEMBLIES CONSTRUCTED IN ACCORDANCE WITH SECTION 712, OR BOTH. OPENINGS INTO THE TERMINATION ROOM SHALL BE PROTECTED BY OPENING PROTECTIVES HAVING A FIRE PROTECTION RATING OF NOT LESS THAN 1-1/2 HOURS. DOORS SHALL BE SELF-CLOSING.

FILINGS	APPLICATION NO.
NEW BUILDING APPLICATION	DOB # 320625221
ARCHITECTURAL	
STRUCTURAL	
MECHANICAL, PLUMBING	
MECHANICAL, PLUMBING	
SUPPORT OF EXCAVATION	
SEWER CONNECTION WORK FILING	
FOUNDATION	
CONSTRUCTION FENCE	
SEPARATE APPLICATIONS	
ALT 2 FIRE ALARM APPLICATION	DOB #
ALT 3 SPRINKLER/STANDPIPE APPLICATION	DOB #
ALT 3 BUILDERS PAVEMENT PLAN	DOB #
ELEVATOR FILINGS	DOB #
ELECTRICAL FILING	DOB #

SPECIAL INSPECTIONS & AND PROGRESS INSPECTIONS - TR1	
IDENTIFICATION OF REQUIREMENT	
Code/Section	
<input type="checkbox"/> SPECIAL INSPECTIONS	
<input type="checkbox"/> FLOOD ZONE COMPLIANCE	BC G105
<input type="checkbox"/> FIRE ALARM TEST	BC 907, BC 1704.13
<input type="checkbox"/> FIBROUS/UNFIBROUS EMI FASH MARKINGS	BC 1056.11
<input type="checkbox"/> EMERGENCY POWER SYSTEMS (GENERATORS)	BC 1704.13, BC 2702
<input type="checkbox"/> STRUCTURAL STEEL - WELDING	BC 1704.3.1
<input type="checkbox"/> STRUCTURAL STEEL - ERECTION & BOLTING	BC 1704.3.2, BC 1704.3.3
<input type="checkbox"/> STRUCTURAL COOLD - FIBROUS STEEL	BC 1704.3.4
<input type="checkbox"/> CONCRETE - CAST-IN-PLACE	BC 1704.4
<input type="checkbox"/> CONCRETE - PRECAST	BC 1704.4
<input type="checkbox"/> CONCRETE - PRESTRESSED	BC 1704.4
<input type="checkbox"/> MASONRY	BC 1704.5
<input type="checkbox"/> WOOD - OFF SITE FABRICATION OF STRUCTURAL ELEMENTS	BC 1704.4
<input type="checkbox"/> WOOD - INSTALLATION OF HIGH-LOAD BEAM/HANGARS	BC 1704.4.1
<input type="checkbox"/> WOOD - INSTALLATION OF METAL-PLATE-CONNECTED TRUSSES	BC 1704.4.3
<input type="checkbox"/> WOOD - INSTALLATION OF PREFABRICATED JOISTS	BC 1704.4.4
<input type="checkbox"/> SOILS - SITE PREPARATION	BC 1704.7.1
<input type="checkbox"/> SOILS - FILL PLACEMENT & REPLACE DENSITY	BC 1704.7.2, BC 1704.7.3
<input type="checkbox"/> SOILS - INVESTIGATIONS (BORINGS/TEST PITS)	BC 1704.7.4
<input type="checkbox"/> FILL FOUNDATIONS & DRILLED PIER INSTALLATION	BC 1704.7.5
<input type="checkbox"/> FILL FOUNDATIONS	BC 1704.8
<input type="checkbox"/> UNDERPINNING	BC 1704.9.1
<input type="checkbox"/> WALL PANELS, CURTAIN WALLS, AND VEINERS	BC 1704.10
<input type="checkbox"/> SPRAYED FIRE-RESISTANT MATERIALS	BC 1704.11
<input type="checkbox"/> EXTERIOR INSULATION FINISH SYSTEMS (EIFS)	BC 1704.12
<input type="checkbox"/> ALTERNATIVE MATERIALS - OTCR BUILDINGS BULLETIN #	BC 1704.13
<input type="checkbox"/> SMOKE CONTROL SYSTEMS	BC 1704.14
<input type="checkbox"/> MECHANICAL SYSTEMS	BC 1704.15
<input type="checkbox"/> FUEL-OIL STORAGE AND FUEL-OIL PIPING SYSTEMS	BC 1704.16
<input type="checkbox"/> HIGH-PRESSURE STEAM PIPING (WELDING)	BC 1704.17
<input type="checkbox"/> FUEL-GAS PIPING (WELDING)	BC 1704.18
<input type="checkbox"/> STRUCTURAL SAFETY - STRUCTURAL STABILITY	BC 1704.19
<input type="checkbox"/> MECHANICAL DEMOLITION	BC 1704.19, BC 3306.4
<input type="checkbox"/> EXCAVATION - SHEETING, SHORING AND BRACING	BC 1704.19, BC 3304.4.1
<input type="checkbox"/> SOIL PERCOLATION TEST - SEPTIC	BC 1704.20.1
<input type="checkbox"/> SITE TOWN DRAINAGE DISPOSAL AND DETENTION SYSTEM INSTALLATION	BC 1704.20
<input type="checkbox"/> SEPTIC SYSTEM INSTALLATION	BC 1704.20
<input type="checkbox"/> SPRINKLER SYSTEMS	BC 1704.21
<input type="checkbox"/> STANDPIPE SYSTEMS	BC 1704.22
<input type="checkbox"/> SEWING SYSTEMS	BC 1704.23
<input type="checkbox"/> CHIMNEYS	BC 1704.24
<input type="checkbox"/> FIRE RESISTANT PENETRATIONS AND JOINTS	BC 1704.27
<input type="checkbox"/> ALUMINUM WELDING	BC 1706.26
<input type="checkbox"/> SEISMIC ISOLATION SYSTEMS	BC 1707.8
<input type="checkbox"/> CONCRETE TEST CYLINDERS	BC 1705.4
<input type="checkbox"/> CONCRETE DESIGN MIX	BC 1705.5
<input type="checkbox"/> PRELIMINARY	28-1162.1, BC 109.2
<input type="checkbox"/> FOOTING AND FOUNDATION	BC 109.3.1
<input type="checkbox"/> LOWEST FLOOR ELEVATION (ATCH/FEMA FORM)	BC 109.3.2
<input type="checkbox"/> FRAME INSPECTION	BC 109.3.3
<input type="checkbox"/> ENERGY CODE COMPLIANCE INSPECTIONS	BC 109.3.3
<input type="checkbox"/> FIRE RESISTANCE RATED CONSTRUCTION	BC 109.3.4
<input type="checkbox"/> PUBLIC ASSEMBLY EMERGENCY LIGHTING	28-1162.2, BC 109.5
<input type="checkbox"/> FINAL	28-1162.4, BC 109.5
	DIRECTIVE 14 OF 1975, AND 1 RCNY 101-101

ENERGY CODE PROGRESS INSPECTIONS - TR8	
IDENTIFICATION OF REQUIREMENT	
Code/Section	
<input type="checkbox"/> PROGRESS INSPECTIONS	
<input type="checkbox"/> PROTECTION OF FOUNDATION INSULATION	IAE1, BA2
<input type="checkbox"/> INSULATION PLACEMENT AND R VALUES	IAE2, BA2
<input type="checkbox"/> PENETRATION THERMAL VALUES AND RATINGS	IAE3, BA3
<input type="checkbox"/> PENETRATION RATINGS FOR AIR LEAKAGE	IAE4, BA4
<input type="checkbox"/> PENETRATION AREAS	IAE5, BA5
<input type="checkbox"/> AIR SEALING AND INSULATION - VISUAL	IAE6, BA6
<input type="checkbox"/> AIR SEALING AND INSULATION - TESTING	IAE7
<input type="checkbox"/> PROTECTION FACTORS	BA7
<input type="checkbox"/> LOADING DECK WEATHER SEALS	BA8
<input type="checkbox"/> VESTIBULES	BA9
<input type="checkbox"/> FINISHES	IB1, IB1
<input type="checkbox"/> DAMPERS INTEGRAL TO BUILDING ENVELOPE	IB2, IB2
<input type="checkbox"/> HVAC AND SERVICE WATER HEATING EQUIPMENT	IB3, IB3
<input type="checkbox"/> HVAC AND SERVICE WATER HEATING SYSTEM CONTROLS	IB4, IB4
<input type="checkbox"/> DUCT PENUM AND PIPING INSULATION AND SEALING	IB5, IB5
<input type="checkbox"/> DUCT LEAKAGE TESTING	IB6, IB6
<input type="checkbox"/> ELECTRICAL METERING	IC1, IC1
<input type="checkbox"/> LIGHTING IN DWELLING UNITS	IC2, IC2
<input type="checkbox"/> INTERIOR LIGHTING POWER	IC3
<input type="checkbox"/> EXTERIOR LIGHTING POWER	IC4
<input type="checkbox"/> LIGHTING CONTROLS	IC5
<input type="checkbox"/> EXIT SIGNS	IC6
<input type="checkbox"/> TANDEM WIRING	IC7
<input type="checkbox"/> ELECTRICAL MOTORS	IC8
<input type="checkbox"/> MAINTENANCE INFORMATION	ID1, ID1
<input type="checkbox"/> PERMANENT CERTIFICATE	ID2

PROJECT:

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 BROOKLYN, NY 11233

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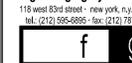


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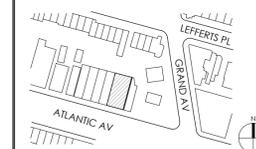
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SITE PLAN



PROJECT No: 1501

1 DOB REVIEW 12/31/15
 1 ISSUED FOR DOB FILING 08/06/15
 REV. DATE

DRAWING TITLE:

BUILDING CODE ANALYSIS

DATE: 12/31/2015

SCALE: AS NOTED

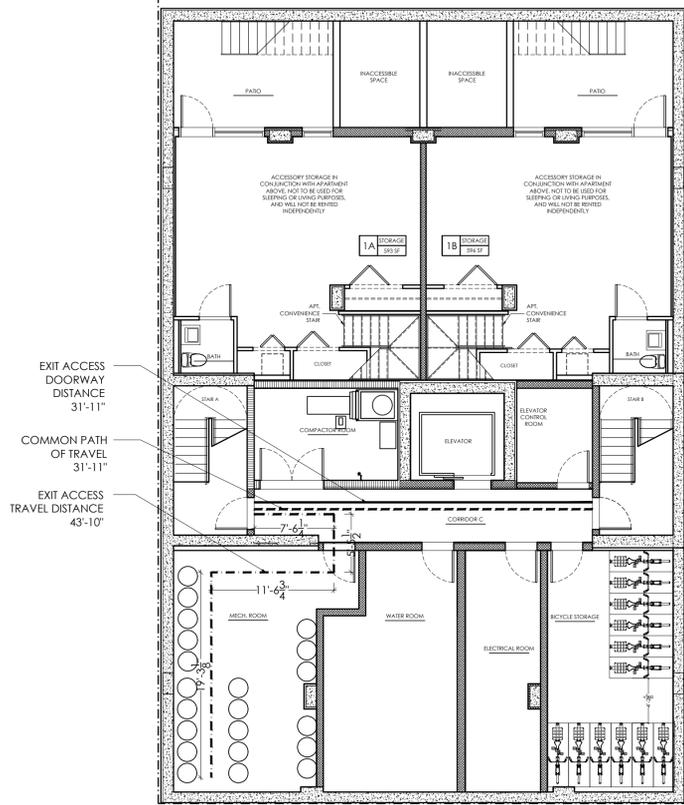
DRAWN BY: JD, MT

CHECKED BY: JD

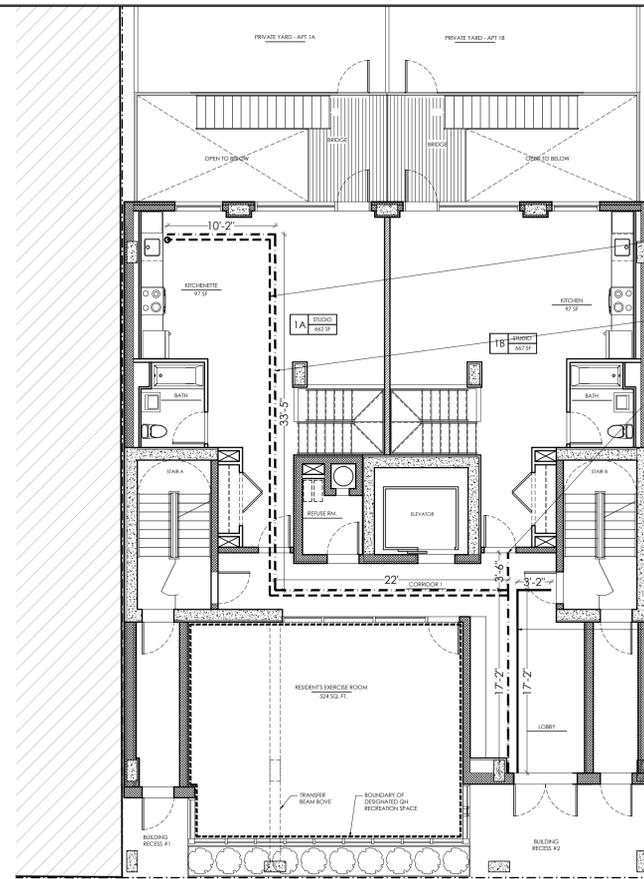
DRAWING NO: 03 OF 43

SHEET: **G-110.00**

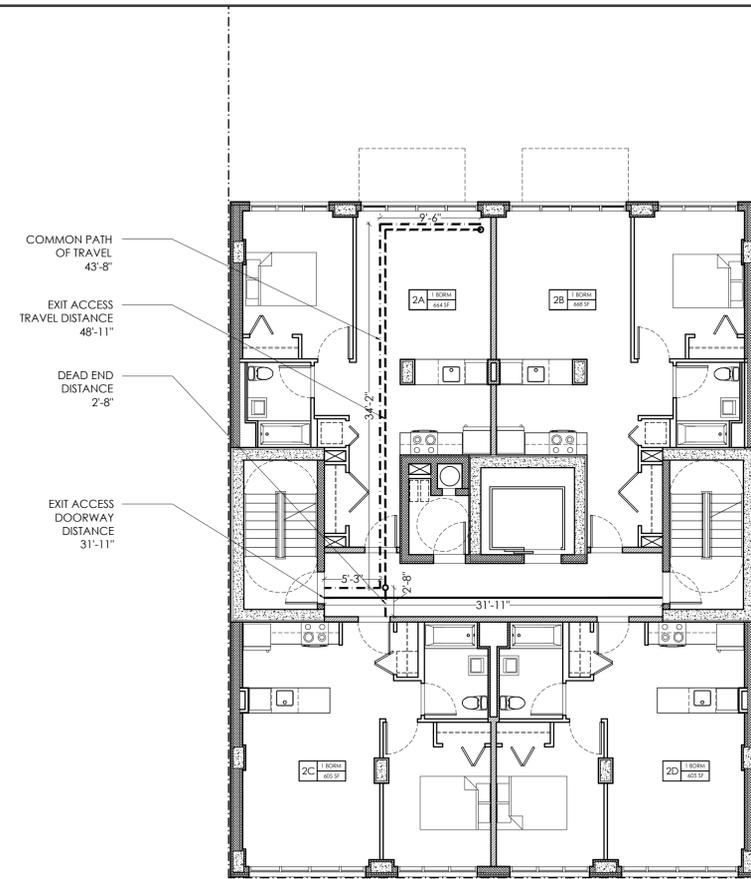




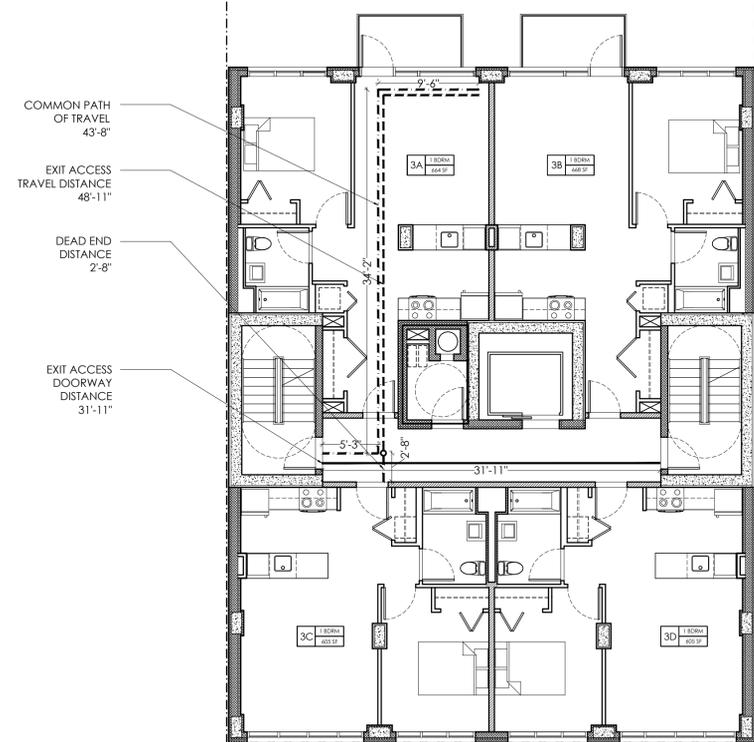
1 CELLAR EGRESS PLAN
SCALE: 1/8" = 1'-0"



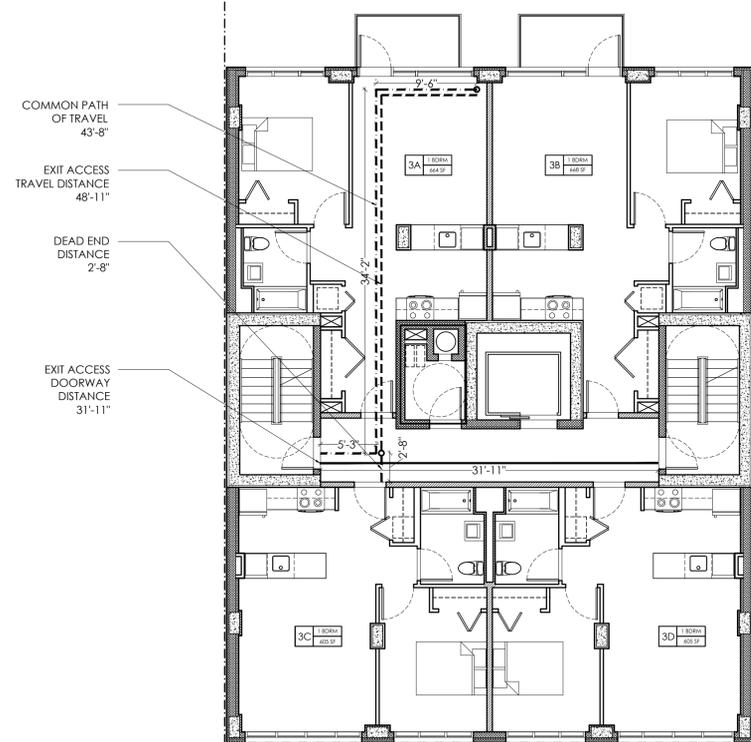
2 FIRST FLOOR EGRESS PLAN
SCALE: 1/8" = 1'-0"



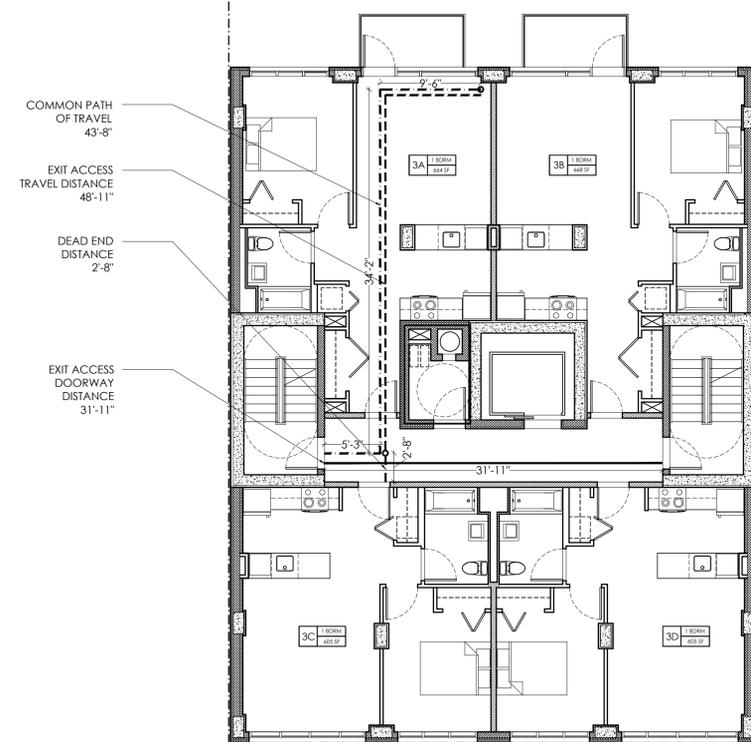
3 SECOND FLOOR EGRESS PLAN
SCALE: 1/8" = 1'-0"



4 THIRD FLOOR EGRESS PLAN
SCALE: 1/8" = 1'-0"



5 FOURTH FLOOR EGRESS PLAN
SCALE: 1/8" = 1'-0"



6 FIFTH FLOOR PLAN
SCALE: 1/8" = 1'-0"

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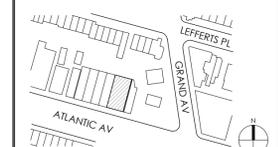
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PROJECT No: 1501

1 DOB REVIEW 12/31/15
1 ISSUED FOR DOB FILING 08/06/15
REV. DATE

DRAWING TITLE:

LIFE SAFETY PLANS I

DATE: 12/31/2015

SCALE: AS NOTED

DRAWN BY: JD, MT

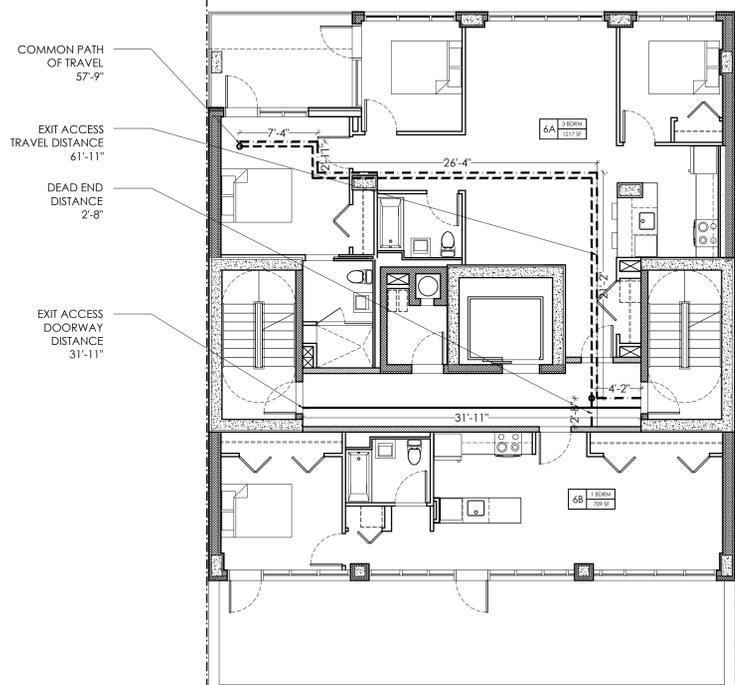
CHECKED BY: JD

DRAWING NO: 04 OF 43

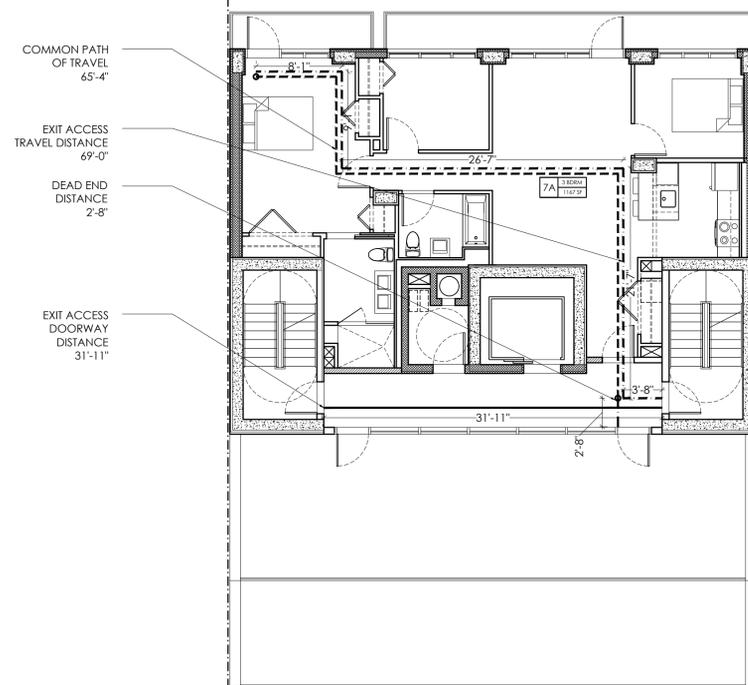
SHEET: **G-111.00**

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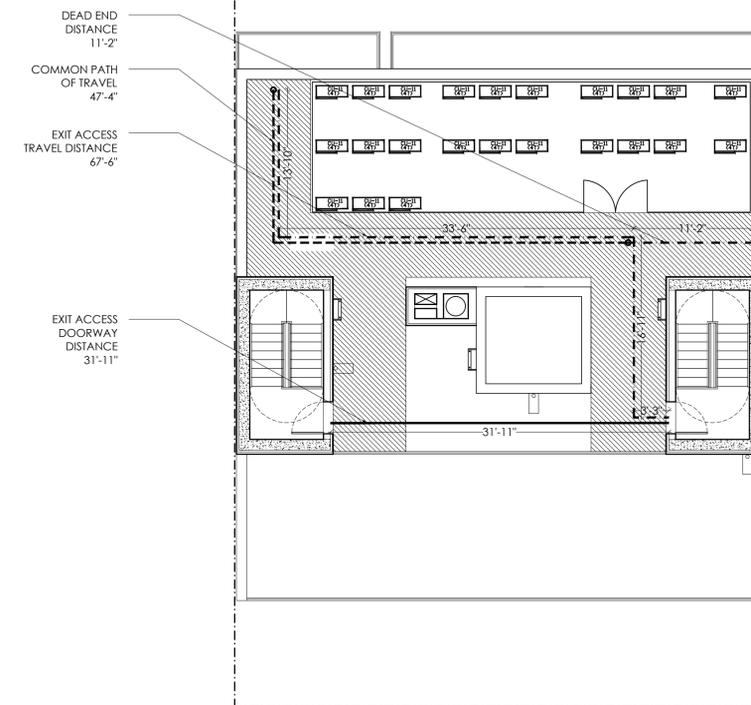




1 SIXTH FLOOR EGRESS PLAN
SCALE: 1/8" = 1'-0"



2 SEVENTH FLOOR EGRESS PLAN
SCALE: 1/8" = 1'-0"



3 ROOF EGRESS PLAN
SCALE: 1/8" = 1'-0"

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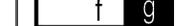
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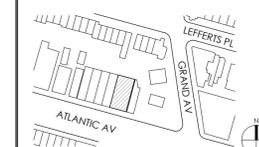
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SITE PLAN



PROJECT No: 1501

REV.	DESCRIPTION	DATE
1	DOB REVIEW	12/31/15
1	ISSUED FOR DOB FILING	08/06/15

DRAWING TITLE:

LIFE SAFETY PLANS II

DATE: 12/31/2015

SCALE: AS NOTED

DRAWN BY: JD, MT

CHECKED BY: JD

DRAWING NO: 05 OF 43

SHEET: **G-112.00**

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EXIT SUMMARY CHART

OCCUPANT LOAD CALCULATIONS - IN CONFORMANCE WITH 2014 BC CHAPTER 3 & CHAPTER 10

	OCCUPANT LOAD CALCULATIONS				EXIT CAPACITY						EXIT ACCESS OR EXIT ACCESS DOORWAYS (BC 1015.2)		R-2 STAIR DOORS (BC 1015.2.1 EXCEPTION 3)		MAX. TRAVEL DIST. (SPRINKLERED) (BC 1016.1)		CORRIDORS				COMMON PATH (BC 1014.3)		EXIT PASSAGEWAY (BC 1023.2)								
	USE GROUP	FLOOR AREA (SF)	FA PER OCC. (SF) (PER BC TABLE 1004.1)	OCCUPANT LOAD # PER.	STAIRWAYS (PER BC 1009.1) EXCEPTION 1.2	REQ'D		PROV'D		OTHER COMP. (STAIR DOORS MIN 36" PER BC 1008.1)	REQ'D		PROV'D		REQ'D	PROV'D	REQ'D	PROV'D	MIN. WIDTH (BC 1018.2 EXCEPTION 2)		MAX. DEAD END (BC 1018.4) EXCEPTION 4		REQ'D	PROV'D	REQ'D	PROV'D					
						0.3 IN./ OCC.					0.2 IN./ OCC.		REQ'D	PROV'D					INCHES	INCHES	REQ'D	PROV'D					INCHES	INCHES			
CELLAR																															
RESIDENT STORAGE	U	237		300																											
COMPACTOR ROOM	U	106		300																											
ELEVATOR CONTROL ROOM	U	78		300																											
WATER METER ROOM	U	232		300																											
ELECTRICAL ROOM	U	183		300																											
CELLAR TOTAL				5	5 OCC. X .3 IN. =	1.5		36		5 OCC. X .2 IN. =	1		36	N/A	1 EXIT	N/A	1 EXIT	200'	43'-10"	36	60	80'	0	125'	31'-11"	-	-				
FIRST FLOOR																															
RESIDENTS GYM	R-2	598		50																											
FIRST FLOOR TOTAL				12	12 OCC. X .3 IN. =	3.6		36		12 OCC. X .2 IN. =	2.4		36	N/A	1 EXIT	N/A	1 EXIT	200'	79'-9"	36	60	80'	3'-6"	125'	65'-7"	36	36				
SECOND FLOOR																															
UNIT 2A	R-2	664		200																											
UNIT 2B	R-2	668		200																											
UNIT 2C	R-2	605		200																											
UNIT 2D	R-2	605		200																											
SECOND FLOOR TOTAL				16	16 OCC. X .3 IN. =	4.8		36		16 OCC. X .2 IN. =	3.2		36					31'-11"	15 FT.	31'-11"	200'	48'-11"	36	60	80'	2'-8"	125'	43'-8"	-	-	
THIRD FLOOR																															
UNIT 3A	R-2	664		200																											
UNIT 3B	R-2	668		200																											
UNIT 3C	R-2	605		200																											
UNIT 3D	R-2	605		200																											
THIRD FLOOR TOTAL				16	16 OCC. X .3 IN. =	4.8		36		16 OCC. X .2 IN. =	3.2		36					31'-11"	15 FT.	31'-11"	200'	48'-11"	36	60	80'	2'-8"	125'	43'-8"	-	-	
FOURTH FLOOR																															
UNIT 4A	R-2	664		200																											
UNIT 4B	R-2	668		200																											
UNIT 4C	R-2	605		200																											
UNIT 4D	R-2	605		200																											
FOURTH FLOOR TOTAL				16	16 OCC. X .3 IN. =	4.8		36		16 OCC. X .2 IN. =	3.2		36					31'-11"	15 FT.	31'-11"	200'	48'-11"	36	60	80'	2'-8"	125'	43'-8"	-	-	
FIFTH FLOOR																															
UNIT 5A	R-2	664		200																											
UNIT 5B	R-2	668		200																											
UNIT 5C	R-2	605		200																											
UNIT 5D	R-2	605		200																											
FIFTH FLOOR TOTAL				16	16 OCC. X .3 IN. =	4.8		36		16 OCC. X .2 IN. =	3.2		36					31'-11"	15 FT.	31'-11"	200'	48'-11"	36	60	80'	2'-8"	125'	43'-8"	-	-	
SIXTH FLOOR																															
UNIT 6A	R-2	1203		200																											
UNIT 6B	R-2	709		200																											
SIXTH FLOOR TOTAL				11	11 OCC. X .3 IN. =	3.3		36		11 OCC. X .2 IN. =	2.2		36					31'-11"	15 FT.	31'-11"	200'	61'-11"	36	60	80'	2'-8"	125'	57'-9"	-	-	
SEVENTH FLOOR																															
UNIT 7A	R-2	1167		200																											
SEVENTH FLOOR TOTAL				6	6 OCC. X .3 IN. =	1.8		36		6 OCC. X .2 IN. =	1.2		36					31'-11"	15 FT.	31'-11"	200'	69'-0"	36	60	80'	2'-8"	125'	65'-4"	-	-	
ROOF																															
ROOF TOTAL				0		0		36			0		36					31'-11"	15 FT.	31'-11"	200'	67'-6"	-	-	-	-	125'	47'-4"	-	-	
BUILDING TOTAL OCCUPANT LOAD				98	98 OCC. X .3 IN. =	29.4		36		98 OCC. X .2 IN. =	19.6		36					31'-11"	15 FT.	31'-11"	200'	67'-6"	-	-	-	-	125'	47'-4"	-	-	

NOTES:
1. S-2 EXTERIOR OPEN PARKING IS CALCULATED AT 200 GROSS FOR EGRESS PURPOSES ONLY. MAX TRAVEL DISTANCE IS 250 FT.

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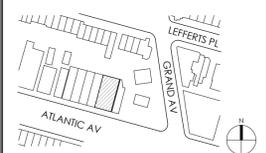
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PROJECT No: 1501

1 DOB REVIEW 12/31/15
1 ISSUED FOR DOB FILING 08/06/15
REV. DATE

DRAWING TITLE:

EXIT SUMMARY &
OCCUPANCY
CALCULATIONS

DATE: 12/31/2015

SCALE: AS NOTED

DRAWN BY: JD, MT

CHECKED BY: JD

DRAWING NO: 06 OF 43

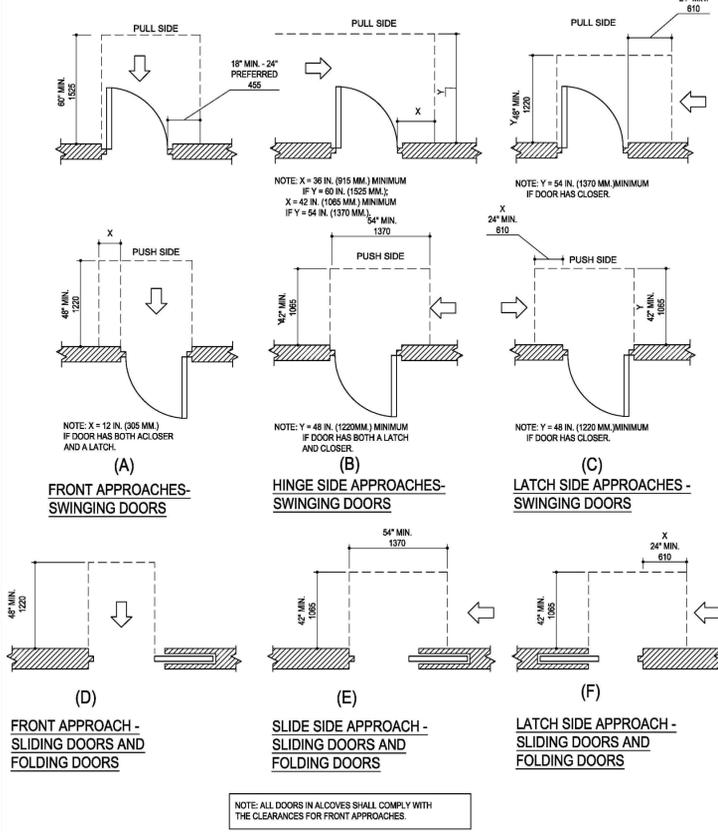
SHEET: **G-113.00**

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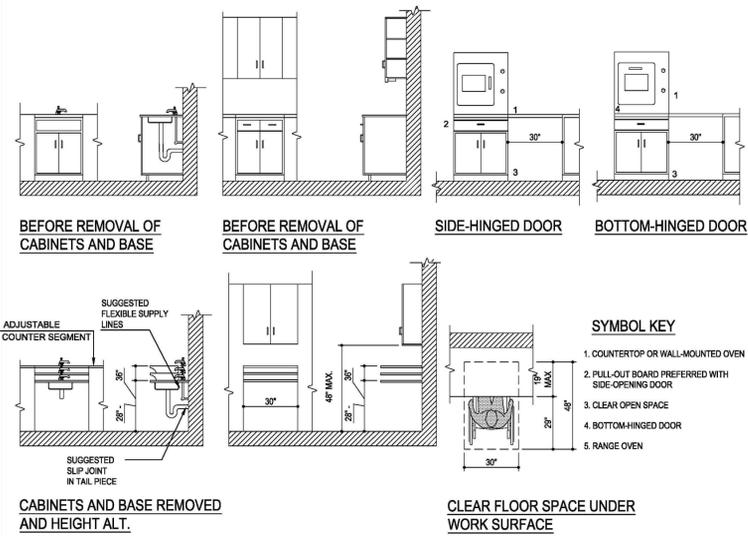


ADA DETAILS

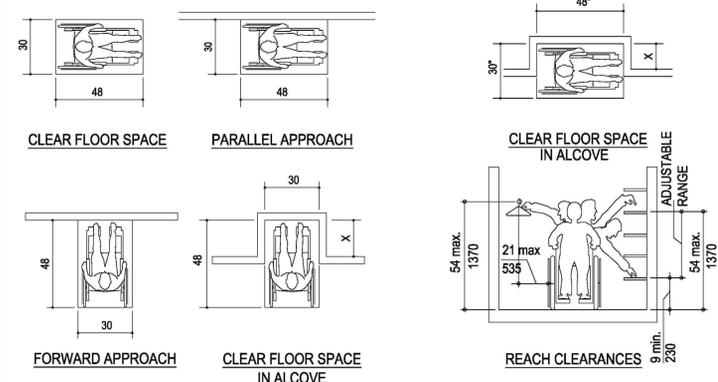
HANDICAP DETAILS



HANDICAP DETAILS FOR APARTMENTS (KITCHENS)



HANDICAP CLEARANCES



ACCESSIBILITY NOTES

BUILDING AND ITS SITE SHALL COMPLY WITH NYC BUILDING CODE 2014 CHAPTER 11, APPENDIX 'P', APPENDIX 'E', ANSII 117.1 2003 BY REFERENCE AND THE FAIR HOUSING ACT DESIGN MANUAL.

SECTION 308 REACH RANGES:

- WHERE A FORWARD REACH IS UNOBSTRUCTED, THE HIGH FORWARD REACH SHALL BE 48 INCHES MAXIMUM AND THE LOW FORWARD REACH SHALL BE 15 INCHES MINIMUM ABOVE THE FLOOR.
- WHERE A HIGH FORWARD REACH IS OVER AN OBSTRUCTION, THE REACH SHALL BE 48 INCHES MAXIMUM WHERE THE REACH DEPTH IS 20 INCHES MAXIMUM. WHERE EACH DEPTH EXCEEDS 20 INCHES, THE HIGH FORWARD REACH SHALL BE 44 INCHES MAXIMUM AND THE REACH DEPTH SHALL BE 25 INCHES MAXIMUM.
- WHERE A SIDE REACH IS UNOBSTRUCTED, HIGH SIDE REACH SHALL BE 48 INCHES MAXIMUM AND THE LOW SIDE REACH SHALL BE 15 INCHES MINIMUM ABOVE THE FLOOR.
- WHERE A HIGH SIDE REACH IS OVER AN OBSTRUCTION, THE HEIGHT OF THE OBSTRUCTION SHALL BE 34 INCHES MAXIMUM AND THE DEPTH OF THE OBSTRUCTION SHALL BE 24 INCHES MAXIMUM. THE HIGH SIDE REACH SHALL BE 48 INCHES MAXIMUM FOR A REACH DEPTH OF 10 INCHES.

SECTION 404.2.2 CLEAR WIDTH AT DOORS:

- DOORWAYS SHALL HAVE A CLEAR OPENING WIDTH OF 32 INCHES MINIMUM. CLEAR OPENING WIDTH OF DOORWAYS WITH SWINGING DOORS SHALL BE MEASURED BETWEEN THE FACE OF DOOR AND STOP, WITH THE DOOR OPEN 90 DEGREES.
- OPENINGS, DOORS AND DOORWAYS WITHOUT DOORS MORE THAN 24 INCHES IN DEPTH SHALL PROVIDE A CLEAR OPENING WIDTH OF 36 INCHES MINIMUM.
- THERE SHALL BE NO PROJECTIONS INTO THE CLEAR OPENING WIDTH LOWER THAN 34 INCHES ABOVE THE FLOOR. PROJECTIONS INTO THE CLEAR OPENING WIDTH BETWEEN 34 INCHES AND 80 INCHES ABOVE THE FLOOR SHALL NOT EXCEED 4 INCHES.

SECTION 404.2.3 MANEUVERING CLEARANCES AT DOORS:

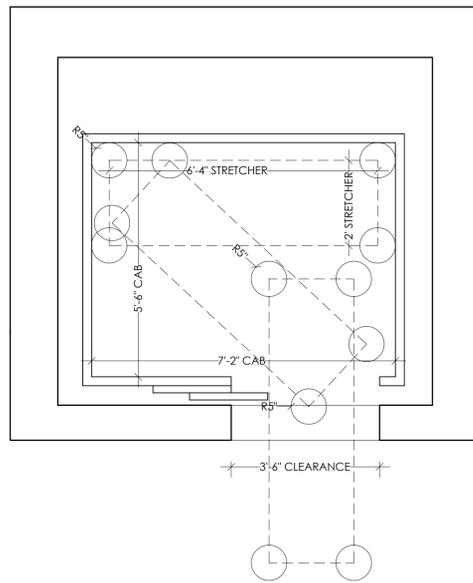
MINIMUM MANEUVERING CLEARANCES AT DOORS SHALL COMPLY WITH THE DIAGRAMS BELOW.

SECTION 407 ELEVATORS:

- CALL BUTTONS AND KEYPADS AT ELEVATOR LANDINGS SHALL BE LOCATED WITHIN ONE OF THE REACH RANGES SPECIFIED IN SECTION 308, MEASURED TO THE CENTERLINE OF THE HIGHEST OPERABLE PART.
- A CLEAR FLOOR SPACE COMPLYING WITH SECTION 305 SHALL BE PROVIDED AT CALL CONTROLS.
- VISIBLE HALL SIGNAL FIXTURES SHALL BE CENTERED AT 72 INCHES MINIMUM ABOVE THE FLOOR.
- INSIDE DIMENSIONS OF ELEVATOR CARS SHALL COMPLY WITH THE DIAGRAM BELOW.

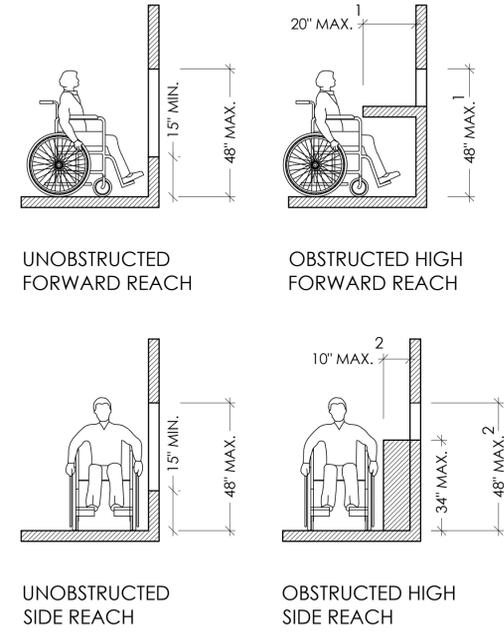
NYC BC 1107.3.1 MAILBOXES. EXCEPT AS OTHERWISE PROVIDED BY RULES OF THE DEPARTMENT FOR THE PURPOSES OF COMPLYING WITH RULES AND REGULATIONS ESTABLISHED BY THE UNITED STATES POSTAL SERVICE AND/OR THE UNITED STATES DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT, WHERE MAILBOXES ARE PROVIDED FOR EACH DWELLING UNIT OR SLEEPING UNIT IN AN INTERIOR LOCATION, 100 PERCENT OF SUCH MAILBOXES SHALL COMPLY WITH ICC A117.1, AND THE OPERABLE PARTS OF SUCH MAILBOXES SHALL BE NO HIGHER THAN 48 INCHES (1219 MM) ABOVE THE FINISHED FLOOR.

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-SIZE OF 24" X 84" WITH NOT LESS THAN 5" RADIUS CORNERS IN HORIZONTAL OPEN POSITION AS PER SECTION BC 3002.2. SUCH ELEVATOR SHALL BE IDENTIFIED WITH THE INTERNATIONAL SYMBOL FOR EMERGENCY MEDICAL SERVICES/STAR OF LIFE.
 ELEVATOR EMERGENCY OPERATIONS TO COMPLY WITH SECTION BC 3003.



2 ELEVATOR CAB DIMENSIONS - STRETCHER SIZE
 SCALE: 1/2" = 1'-0"

FOOTNOTES:
 1 FOR OBSTRUCTIONS BETWEEN 20" AND 25", THE MAXIMUM HEIGHT IS 44"
 2 FOR OBSTRUCTIONS BETWEEN 10" AND 24", THE MAXIMUM HEIGHT IS 46".



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

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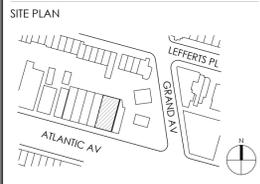
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PROJECT No: 1501

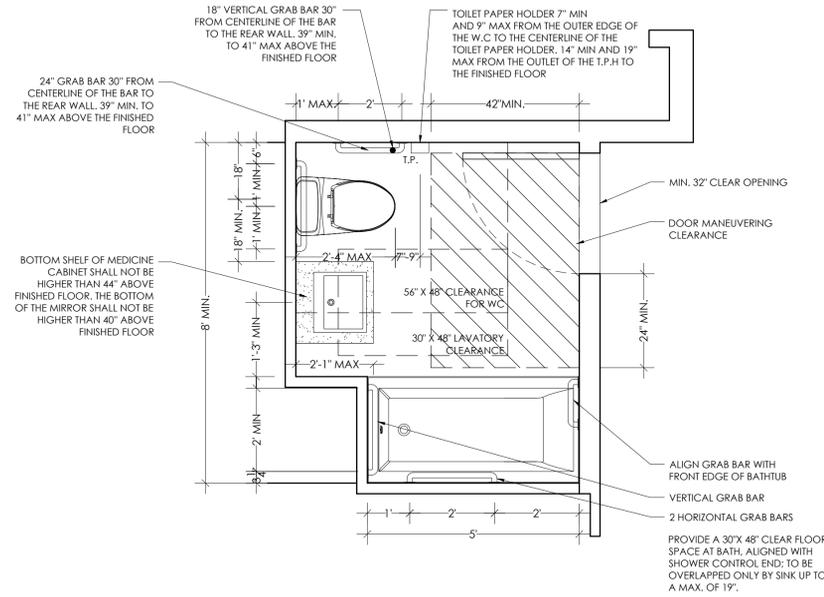
1 DOB REVIEW 12/31/15
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 REV. DATE

DRAWING TITLE:

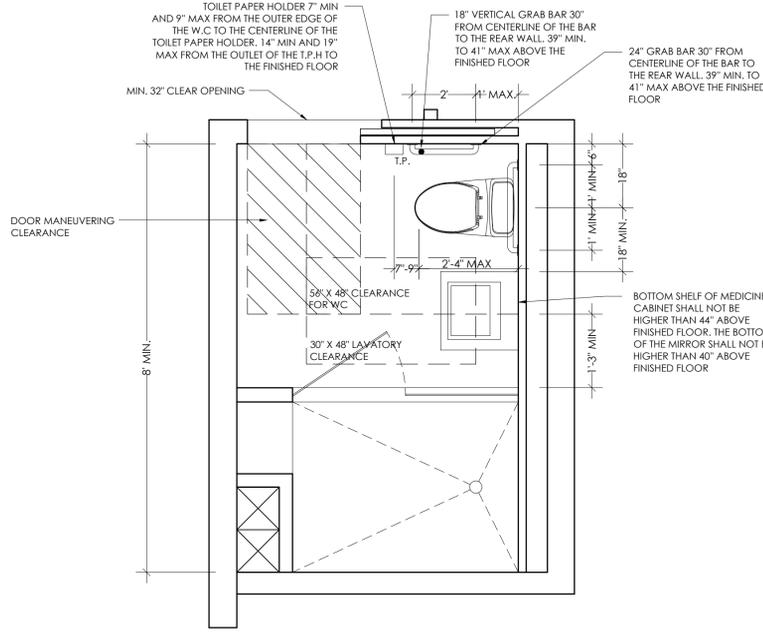
ACCESSIBILITY NOTES I

DATE: 12/31/2015
 SCALE: AS NOTED
 DRAWN BY: JD, MT
 CHECKED BY: JD
 DRAWING NO: 07 OF 43
 SHEET: **G-120.00**

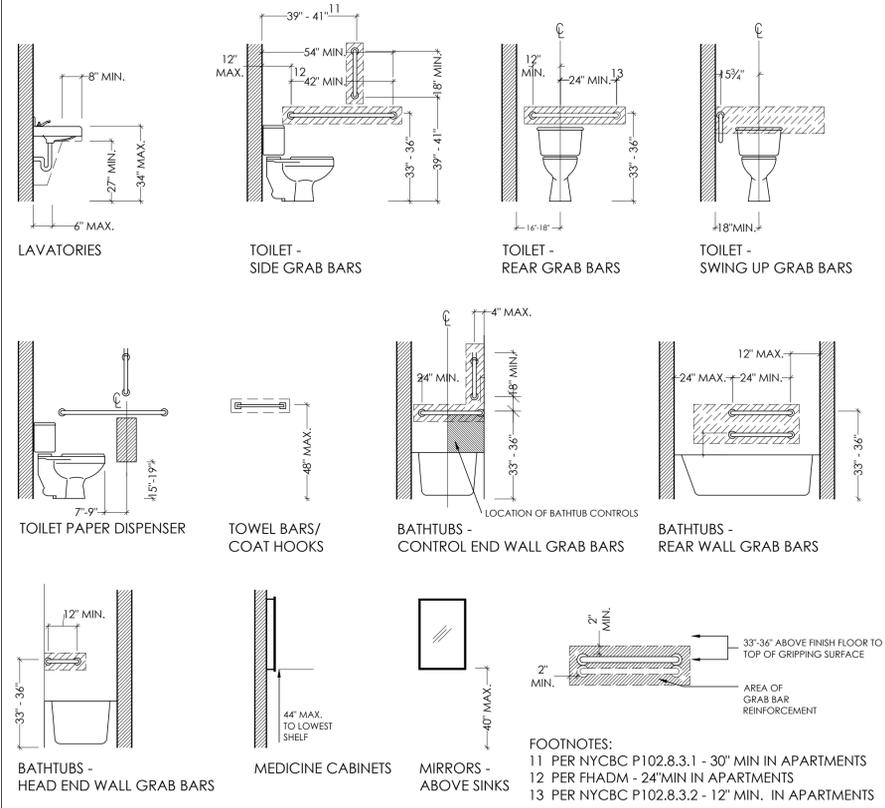




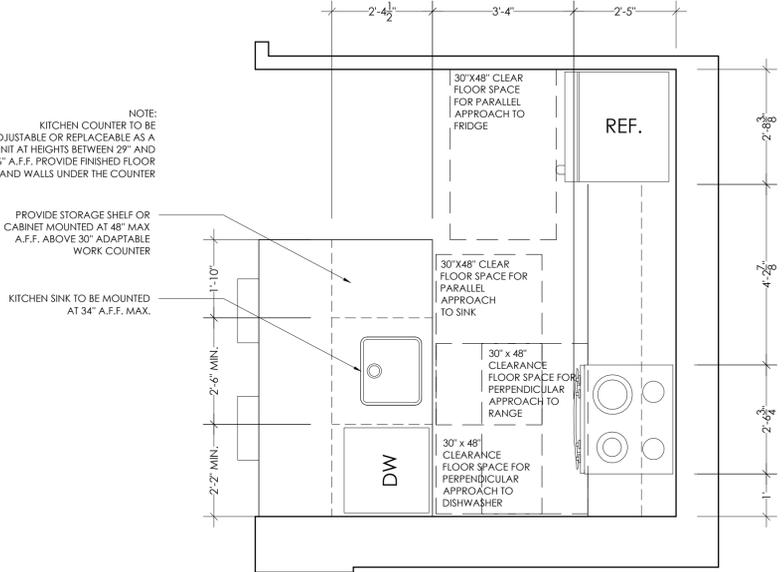
1 R2 OCCUPANCY APPENDIX P BATHROOM - TYPE 1
SCALE: 1/2" = 1'-0"



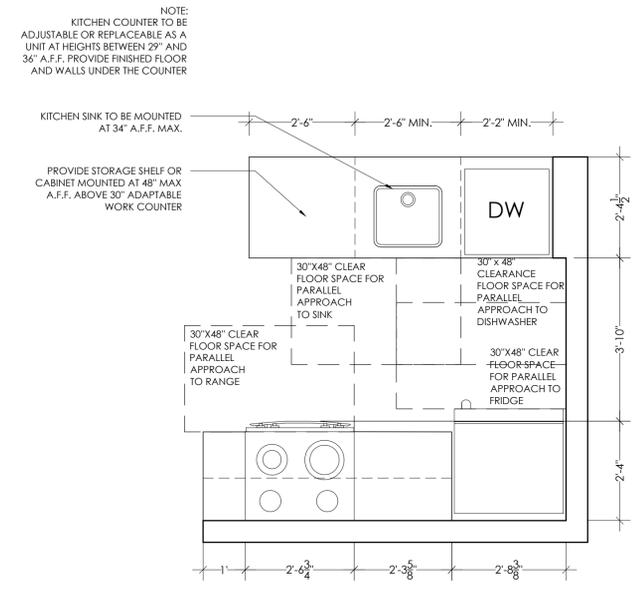
2 R2 OCCUPANCY APPENDIX P BATHROOM - TYPE 2
SCALE: 1/2" = 1'-0"



3 ACCESSIBLE MOUNTING HEIGHTS
SCALE: 1/8" = 1'-0"



4 R2 OCCUPANCY TYPE 1 KITCHEN
SCALE: 1/2" = 1'-0"



5 R2 OCCUPANCY TYPE 2 KITCHEN
SCALE: 1/2" = 1'-0"

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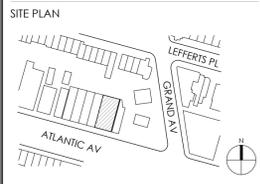


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PROJECT No: 1501

1 DOB REVIEW 12/31/15
1 ISSUED FOR DOB FILING 08/06/15
REV. DATE

DRAWING TITLE:

ACCESSIBILITY NOTES II

DATE: 12/31/2015

SCALE: AS NOTED

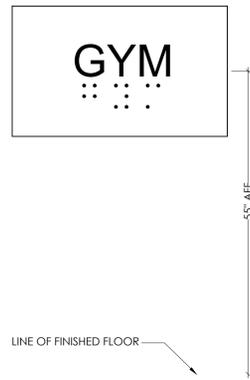
DRAWN BY: JD, MT

CHECKED BY: JD

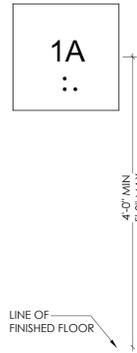
DRAWING NO: 08 OF 43

SHEET: **G-121.00**

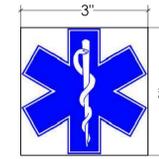




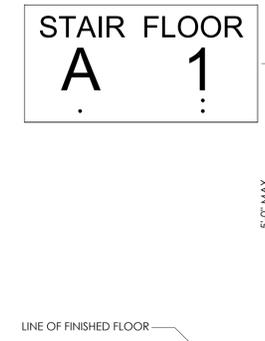
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NTS



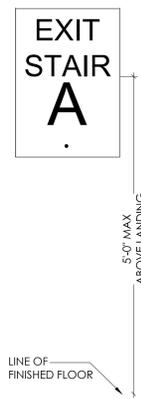
2 TYPICAL APARTMENT SIGN
NTS



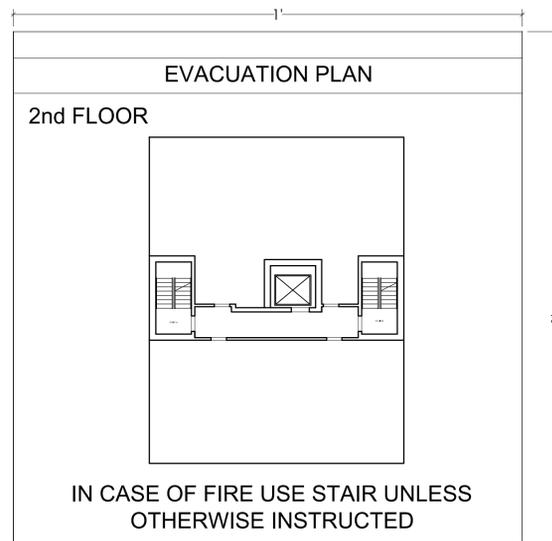
3 STAIR OF LIFE INDICATOR @ ELEVATOR JAMB
6" = 1'-0"



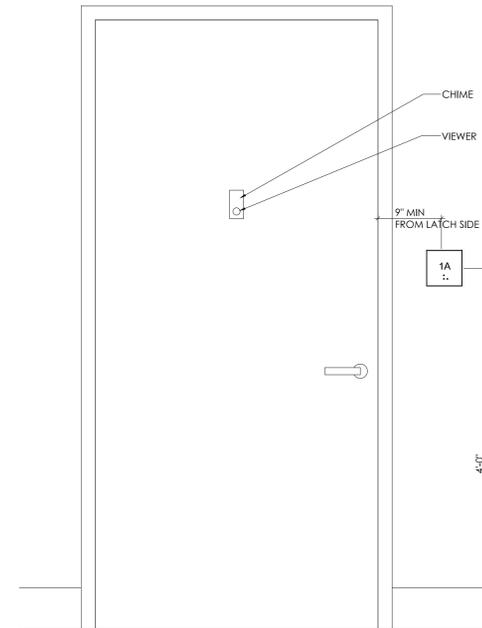
4 TYPICAL SIGN @ INTERIOR SIDE OF EGRESS STAIR
NTS



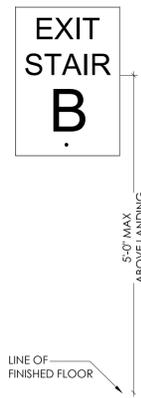
5 TYPICAL SIGN @ CORRIDOR SIDE OF STAIR A
NTS



7 TYPICAL EGRESS PLAN @ ELEVATOR
NTS



8 SIGNAGE LOCATION AT APT. DOOR
1 1/2" = 1'-0"



6 TYPICAL SIGN @ CORRIDOR SIDE OF STAIR B
NTS

PROJECT:

925 ATLANTIC AVE
BROOKLYN, NY 11233

ROART

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ARCHITECT OF RECORD

feingold & gregory · architects

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THE ARCHITECT BEFORE
COMMENCING SUCH WORK.

STRUCTURAL ENGINEER

GACE consulting engineers pc

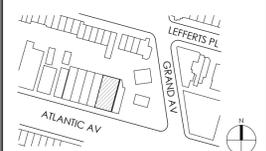
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MECHANICAL ENGINEER

NEVILLE ENGINEERING GROUP

661 PLAINVIEW ROAD
BETHPAGE, NY 11714
(516) 522.6770

SITE PLAN



PROJECT No: 1501

1	DOB REVIEW	12/31/15
1	ISSUED FOR DOB FILING	08/06/15
	REV.	DATE

DRAWING TITLE:

TYPICAL SIGNAGE
DETAILS

DATE: 12/31/2015

SCALE: AS NOTED

DRAWN BY: JD, MT

CHECKED BY: JD

DRAWING NO: 09 OF 43

SHEET:

G-125.00

SEAL & SIGNATURE

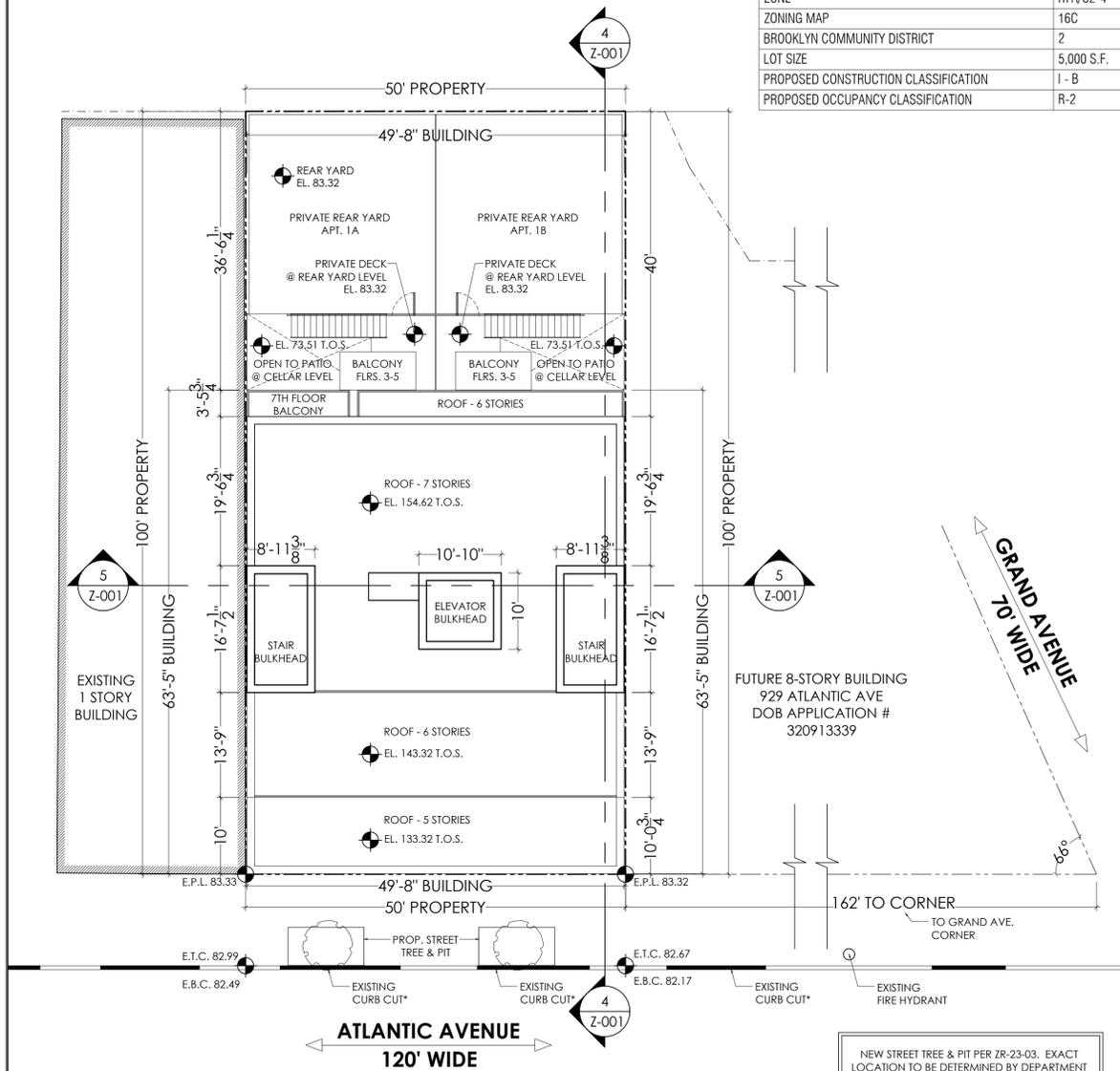


SITE & BUILDING INFORMATION	
ADDRESS	925 ATLANTIC AVE.
BLOCK	2018
LOT	57
ZONE	R7A/C2-4
ZONING MAP	16C
BROOKLYN COMMUNITY DISTRICT	2
LOT SIZE	5,000 S.F.
PROPOSED CONSTRUCTION CLASSIFICATION	I - B
PROPOSED OCCUPANCY CLASSIFICATION	R-2

ZONING INFORMATION - R7A	ZR SECTION	PERMITTED/REQUIRED	PROPOSED	COMPLIES
USE GROUPS	22-00, 32-00	USE GROUP 2	USE GROUP 2	COMPLIES
BALCONIES	23-132	BALCONIES IN R7A; PROJECTING LESS THAN 7'	9 BALCONIES; PROJECTING 5' MAX. AGGREGATE WIDTH OF BALCONIES DOES NOT EXCEED MORE THAN 50% TOTAL WIDTH	COMPLIES
RESIDENTIAL FLOOR AREA RATIO	23-952	F.A.R. = 3.45		
INCLUSIONARY DESIGNATED HOUSING AREA		3.45 X 5,000 = 17,250 SF MAX. ALLOWABLE FLOOR AREA	17,142.6 SF < 17,250 SF	COMPLIES
MAXIMUM ALLOWABLE LOT COVERAGE	23-145	65% INTERIOR LOT; 5,000 SF X .65 = 3250 SF	3,250 SF; 65% = 65% (SEE LOT COVERAGE DIAGRAM, SHEET Z-001)	COMPLIES
DENSITY: MAX. ALLOWABLE # OF DWELLING UNITS	23-22	680 17,250/680 = 25 UNITS MAXIMUM	21 UNITS	COMPLIES
MINIMUM LOT AREA	23-32	1,700 SF	5,000 SF	COMPLIES
MINIMUM LOT WIDTH	23-32	18'	50'	COMPLIES
REQUIRED FRONT YARD	23-45	NO FRONT YARD REQUIRED	NO FRONT YARD PROVIDED	COMPLIES
REQUIRED SIDE YARD	23-46	NO SIDE YARD REQUIRED	NO SIDE YARD PROVIDED	COMPLIES
REQUIRED REAR YARD	23-53	30' REAR YARD REQUIRED	30' REAR YARD PROVIDED	COMPLIES
MAXIMUM ALLOWABLE BUILDING HEIGHT	23-633 (c)	80'	71'-4"	COMPLIES
MAXIMUM ALLOWABLE BASE HEIGHT	23-633 (c)	65'	60'-0"	COMPLIES
MINIMUM ALLOWABLE BASE HEIGHT	23-633 (c)	40'	60'-0"	COMPLIES
STREET WALL LOCATION	23-633(a)	LOCATED NO CLOSER TO THE STREET LINE THAN THE STREET WALL OF ADJACENT BLDG.	STREET WALL AT PROPERTY LINE. ADJ. WALL AT PROP. LINE (SEE PLOT PLAN Z-001)	COMPLIES
STREET WALL SETBACK ABOVE BASE HEIGHT	23-633 (b)	10'-0" SETBACK REQUIRED MIN. (WIDE STREET)	10'-0" SETBACK PROVIDED	COMPLIES
REQUIRED REAR YARD SETBACK	23-663(b)	10' REAR YARD SETBACK REQUIRED	10' REAR YARD SETBACK PROVIDED	COMPLIES
REQUIRED VEHICULAR PARKING SPACES	25-261	50% OF DWELLING UNITS. WAIVED IF LESS THAN 15 SPACES. 21 X .50 = 10.5	11 < 15; PARKING WAIVED, 0 SPOTS PROVIDED	COMPLIES
REQUIRED BICYCLE PARKING SPACES	25-80	50% OF DWELLING UNITS MIN. 21 UNITS X .50 = 10 SPACES REQUIRED @ 15 SF/SPACE	10 SPACES PROVIDED IN CELLAR	COMPLIES
PLANTING AREAS	23-892(a)	PERMANENT PLANTING REQUIRED BETWEEN STREET LINE AND BUILDING STREET WALL	PLANTING PROVIDED (SEE FIRST FLOOR PLAN, A-101)	COMPLIES
STREET TREE PLANTING	26-41	1 TREE PLANTED EVERY 25' OF STREET FRONTAGE	2 TREES PROVIDED (SEE PLOT PLAN; Z-001)	COMPLIES

ZONING INFORMATION - C2-4 OVERLAY	ZR SECTION	PERMITTED/REQUIRED	PROPOSED	COMPLIES
QUALITY HOUSING PROGRAM	34-011 (a)	BUILDING SHALL COMPLY WITH ARTICLE II, CHAPTER 8 (QUALITY HOUSING PROGRAM)	BUILDING COMPLIES WITH QUALITY HOUSING	COMPLIES
BULK REGULATIONS	34-11	BUILDING SHALL COMPLY WITH THE BULK REGULATIONS OF ARTICLE II, CHAPTER 3	BUILDING COMPLIES WITH BULK REGULATIONS	COMPLIES
MAXIMUM FLOOR AREA RATIO	34-221	MAX. F.A.R. SHALL BE PURSUANT TO THE PROVISIONS OF ART. II, CHAPTER 3	MAX. FLOOR AREA IS PURSUANT TO THE PROVISIONS OF ART. II, CHAPTER 3	COMPLIES
REQUIRED FRONT YARD	34-231	NO FRONT YARD REQUIRED	NO FRONT YARD PROVIDED	COMPLIES
REQUIRED SIDE YARD	34-232	NO SIDE YARD REQUIRED	NO SIDE YARD PROVIDED	COMPLIES
MODIFICATION OF HEIGHT AND SETBACK REGULATIONS	34-24	BUILDING SHALL COMPLY WITH THE HEIGHT AND SETBACK REGULATIONS OF ARTICLE II, CHAPTER 3	BUILDING COMPLIES WITH HEIGHT AND SETBACK REGULATIONS	COMPLIES
REQUIRED VEHICULAR PARKING SPACES	36-361	30% OF DWELLING UNITS MIN.; WAIVED IF LESS THAN 15 SPACES (R7A)	7 SPACES REQ. < 15 = 0 PROVIDED	COMPLIES
REQUIRED BICYCLE PARKING SPACES	36-711	50% OF DWELLING UNITS MIN.: 19 UNITS X .50 = 10 SPACES REQUIRED	12 SPACES PROVIDED IN CELLAR @ 12 SF PER SPACE	COMPLIES

THE QUALITY HOUSING PROGRAM: ARTICLE II, CHAPTER 8	ZR SECTION	PERMITTED/REQUIRED	PROPOSED	COMPLIES
SIZE OF DWELLING UNIT	28-21	400 SF MIN.	MIN. UNIT SIZE = 605 SF > 400 SF	COMPLIES
WINDOWS	28-22	DOUBLE GLAZED WINDOWS	ALL WINDOWS TO BE DOUBLE GLAZED	COMPLIES
REFUSE STORAGE AND DISPOSAL	28-23	REFUSE STG. REQ. FOR 9 OR MORE D.U.: 2.9 CF X 21 UNITS = 60.9 CF REQ. REFUSE DISPOSAL RM NOT LESS THAN 12 SF PROVIDED ON EACH STORY	117 SF X 9'-4" = 91 CF PROPOSED TRASH COMPACTOR ROOM REFUSE DISPOSAL ROOM PROVIDED @ 57 SF/ FLOOR	COMPLIES
LAUNDRY FACILITIES	28-24	2 WASHER AND 1 DRYER UNIT FOR EVERY 40 DWELLING UNITS	TOTAL PROPOSED UNITS = 21 < 40 D.U. 1 WASHER AND 1 DRYER HOOKUP IN EVERY DWELLING UNIT PROVIDED NO FLOOR AREA DEDUCTION TAKEN	COMPLIES
REQUIRED RECREATION SPACE	28-31	R7A: 3.3% PROPOSED RESIDENTIAL F.A. = 17,142.6 SF 17,142.6 X 3.3% = 565.7 SF	TOTAL PROVIDED INTERIOR @ 1st FLOOR = 569 SF SEE FLOOR AREA DIAGRAM 1/Z-002	COMPLIES
STANDARDS FOR RECREATION SPACE	28-32	A.) ACCESSIBLE TO ALL RESIDENTS OF THE BUILDINGS. B.) MIN. DIM. 15', MIN. SIZE OUTDOOR 225 SF, INSIDE 300 SF. C.) OUTDOOR SPACE OPEN TO THE SKY.	A.) YES B.) YES C.) YES	COMPLIES
PLANTING AREA	28-33	AT LEAST 1 TREE PLANTED AT EVERY 25' STREET FRONTAGE TOTAL FRONTAGE = 50 LF / 25 FT = 2.0 TREES. 2 TREES REQUIRED.	2 TREES PROVIDED. (SEE PLOT PLAN; 1/Z-001)	COMPLIES
DENSITY BY CORRIDOR PER STORY	28-41	11 DWELLING UNITS MAXIMUM SHARE 1 CORRIDOR	4 D.U. PER FLOOR MAX < 11 D.U. SEE FLOOR AREA DIAGRAMS 1-6/Z-002	COMPLIES



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

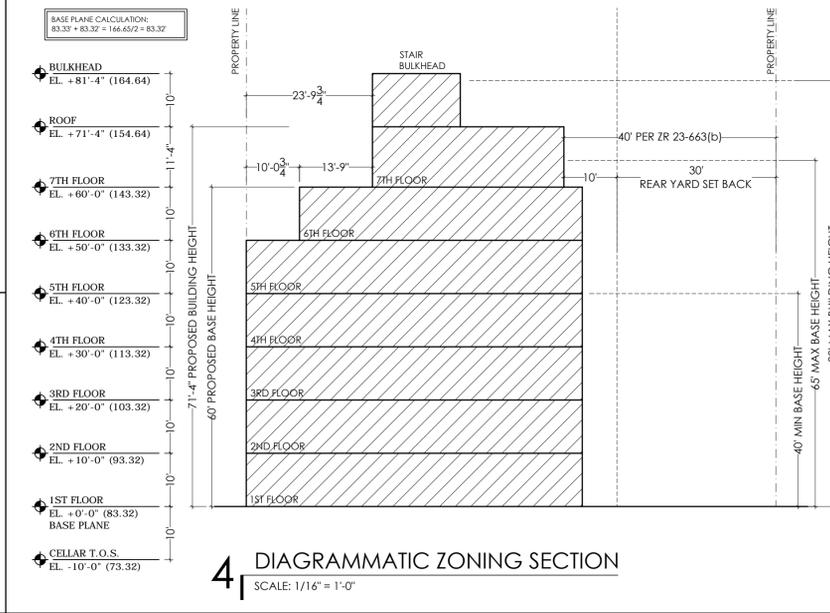


2 ZONING MAP (16C)
SCALE: NTS

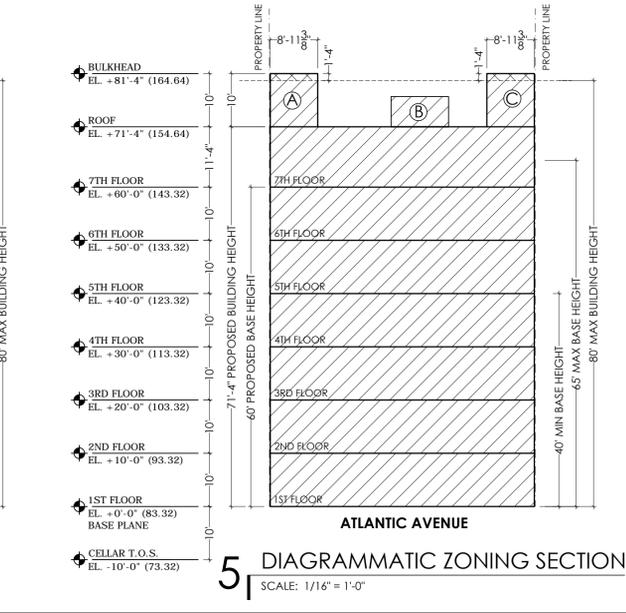


3 FEMA FLOOD MAP (3604970212F)
SCALE: NTS

PERMITTED OBSTRUCTIONS PER ZR23-62(G)		
BULKHEAD	DESCRIPTION	AREA
A	STAIR BULKHEAD	1'-4" X 8'-11 3/8" = 11.9 SF
B	ELEVATOR BULKHEAD	N/A ABOVE MAX BUILDING HEIGHT
C	STAIR BULKHEAD	1'-4" X 8'-11 3/8" = 11.9 SF
TOTAL		23.8 SF
ALLOWABLE		49'-8" X 8" = 397.3 SF
		23.8 SF < 397.3 SF = COMPLIES WITH ZR23-62(G)



4 DIAGRAMMATIC ZONING SECTION
SCALE: 1/16" = 1'-0"



5 DIAGRAMMATIC ZONING SECTION
SCALE: 1/16" = 1'-0"

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925 ATLANTIC AVE
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ARCHITECT OF RECORD

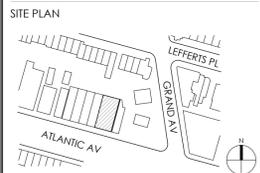
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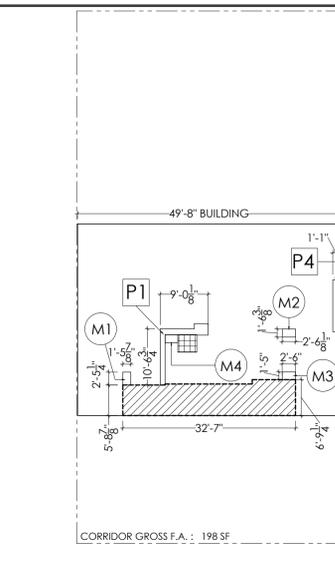
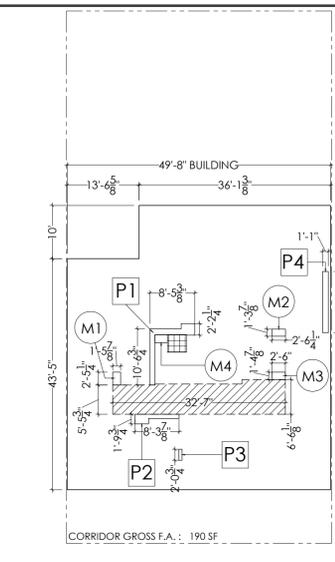
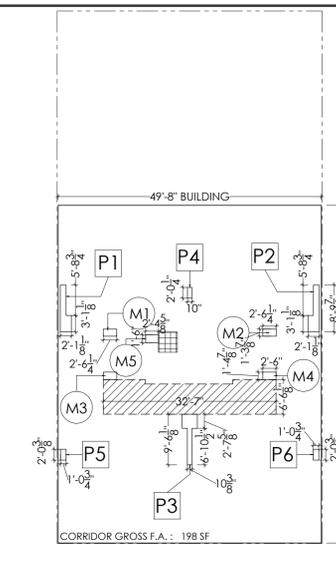
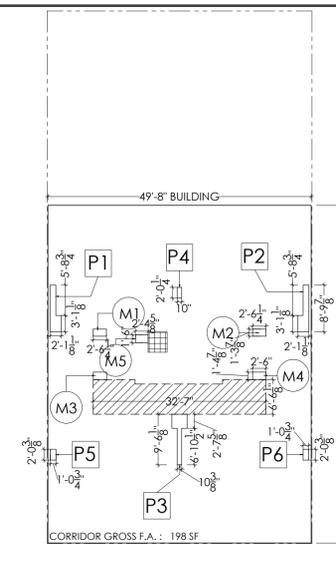
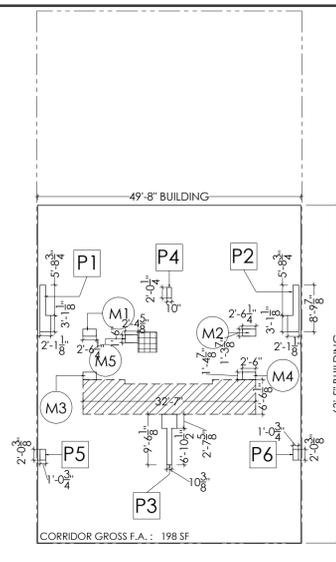
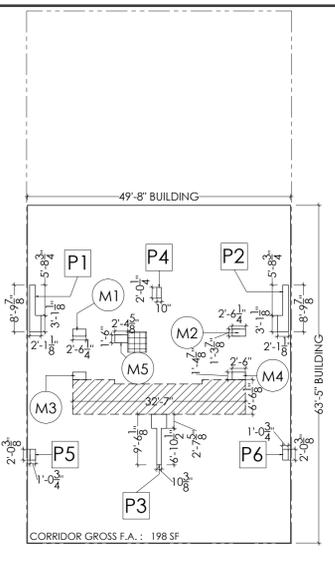
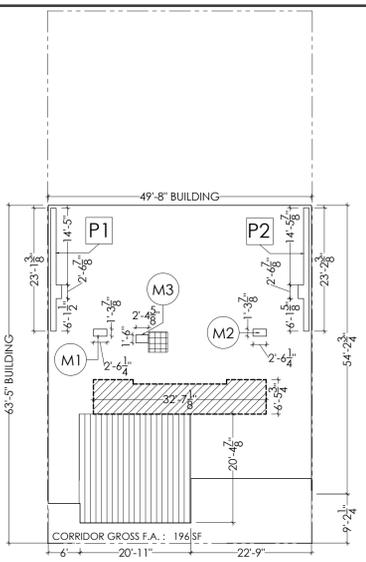
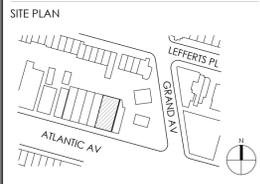


PROJECT No: 1501

1 DOB REVIEW 12/31/15
1 ISSUED FOR DOB FILING 08/06/15
REV. DATE

DRAWING TITLE:
ZONING ANALYSIS;
PLOT PLAN; FEMA MAP,
ZONING MAP
DATE: 12/31/2015
SCALE: AS NOTED
DRAWN BY: JD, MT
CHECKED BY: JD
DRAWING NO: 10 OF 43
SHEET: Z-001.00

SEAL & SIGNATURE OF ARCHITECT
ROBERT J. GREGORY
REGISTERED ARCHITECT
STATE OF NEW YORK
026711



1 1ST FLOOR PLAN
 SCALE: 1/16" = 1'-0"

2 2ND FLOOR PLAN
 SCALE: 1/16" = 1'-0"

3 3RD FLOOR PLAN
 SCALE: 1/16" = 1'-0"

4 4TH FLOOR PLAN
 SCALE: 1/16" = 1'-0"

5 5TH FLOOR PLAN
 SCALE: 1/16" = 1'-0"

6 6TH FLOOR PLAN
 SCALE: 1/16" = 1'-0"

7 7TH FLOOR PLAN
 SCALE: 1/16" = 1'-0"

1ST FLOOR DEDUCTION SUMMARY

ITEM	DESCRIPTION	AREA (SF)
M1	MECHANICAL VENT	3 SF
M2	MECHANICAL VENT	4 SF
M3	MECHANICAL VENT	4 SF
P1	PLUMBING CHASE	26 SF
P2	PLUMBING CHASE	26 SF
Q.H. RECREATION SPACE	569 SF MAX.	569 SF
Q.H. CORRIDOR DENSITY (50% OF 196 SF) PER ZR 28-41		98 SF
Q.H. CORRIDOR LIGHT (50%) PER ZR 28-25		98 SF
Q.H. REFUSE ROOM		12.0 SF
EXTERIOR WALL THICKNESS (SEE PG Z-003 FOR SUPPORTING DIAGRAM)		81.12 SF
TOTAL DEDUCTIONS		921.12 SF

2ND FLOOR DEDUCTION SUMMARY

ITEM	DESCRIPTION	AREA (SF)
M1	MECHANICAL VENT	3 SF
M2	MECHANICAL VENT	3 SF
M3	MECHANICAL VENT	4 SF
M4	MECHANICAL VENT	4 SF
M5	MECHANICAL VENT	4 SF
P1	PLUMBING CHASE	13 SF
P2	PLUMBING CHASE	13 SF
P3	PLUMBING CHASE	14 SF
P4	PLUMBING CHASE	2 SF
P5	PLUMBING CHASE	2 SF
P6	PLUMBING CHASE	2 SF
Q.H. CORRIDOR DENSITY (50% OF 198 SF) PER ZR 28-41		99 SF
Q.H. CORRIDOR LIGHT (50%) PER ZR 28-25		0 SF
Q.H. REFUSE ROOM		12.0 SF
EXTERIOR WALL THICKNESS (SEE PG Z-003 FOR SUPPORTING DIAGRAM)		97.48 SF
TOTAL DEDUCTIONS		272.33 SF

3RD FLOOR DEDUCTION SUMMARY

ITEM	DESCRIPTION	AREA (SF)
M1	MECHANICAL VENT	3 SF
M2	MECHANICAL VENT	3 SF
M3	MECHANICAL VENT	4 SF
M4	MECHANICAL VENT	4 SF
M5	MECHANICAL VENT	4 SF
P1	PLUMBING CHASE	13 SF
P2	PLUMBING CHASE	13 SF
P3	PLUMBING CHASE	14 SF
P4	PLUMBING CHASE	2 SF
P5	PLUMBING CHASE	2 SF
P6	PLUMBING CHASE	2 SF
Q.H. CORRIDOR DENSITY (50% OF 198 SF) PER ZR 28-41		99 SF
Q.H. CORRIDOR LIGHT (50%) PER ZR 28-25		0 SF
Q.H. REFUSE ROOM		12.0 SF
EXTERIOR WALL THICKNESS (SEE PG Z-003 FOR SUPPORTING DIAGRAM)		97.48 SF
TOTAL DEDUCTIONS		272.33 SF

4TH FLOOR DEDUCTION SUMMARY

ITEM	DESCRIPTION	AREA (SF)
M1	MECHANICAL VENT	3 SF
M2	MECHANICAL VENT	3 SF
M3	MECHANICAL VENT	4 SF
M4	MECHANICAL VENT	4 SF
M5	MECHANICAL VENT	4 SF
P1	PLUMBING CHASE	13 SF
P2	PLUMBING CHASE	13 SF
P3	PLUMBING CHASE	14 SF
P4	PLUMBING CHASE	2 SF
P5	PLUMBING CHASE	2 SF
P6	PLUMBING CHASE	2 SF
Q.H. CORRIDOR DENSITY (50% OF 198 SF) PER ZR 28-41		99 SF
Q.H. CORRIDOR LIGHT (50%) PER ZR 28-25		0 SF
Q.H. REFUSE ROOM		12.0 SF
EXTERIOR WALL THICKNESS (SEE PG Z-003 FOR SUPPORTING DIAGRAM)		97.48 SF
TOTAL DEDUCTIONS		272.33 SF

5TH FLOOR DEDUCTION SUMMARY

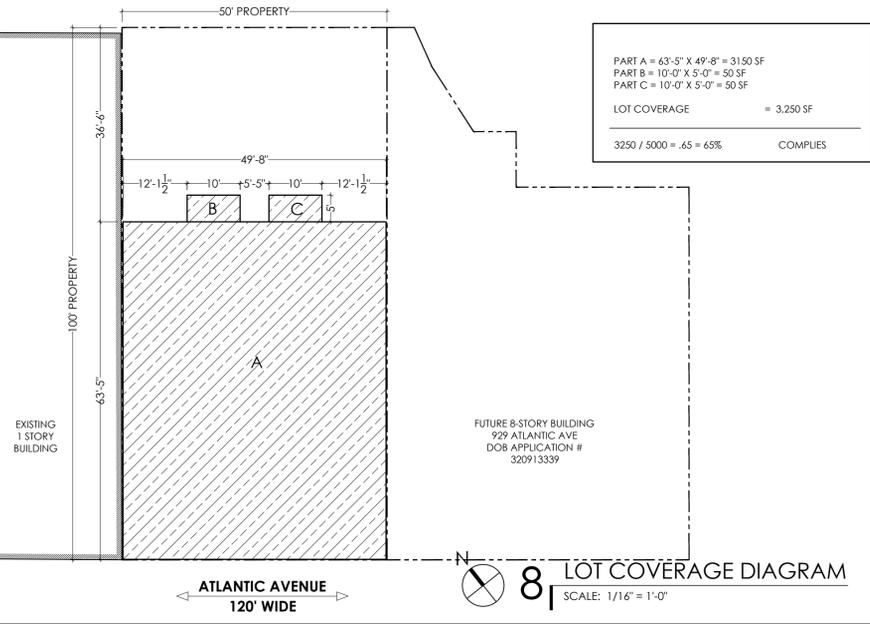
ITEM	DESCRIPTION	AREA (SF)
M1	MECHANICAL VENT	3 SF
M2	MECHANICAL VENT	3 SF
M3	MECHANICAL VENT	4 SF
M4	MECHANICAL VENT	4 SF
M5	MECHANICAL VENT	4 SF
P1	PLUMBING CHASE	13 SF
P2	PLUMBING CHASE	13 SF
P3	PLUMBING CHASE	14 SF
P4	PLUMBING CHASE	2 SF
P5	PLUMBING CHASE	2 SF
P6	PLUMBING CHASE	2 SF
Q.H. CORRIDOR DENSITY (50% OF 198 SF) PER ZR 28-41		99 SF
Q.H. CORRIDOR LIGHT (50%) PER ZR 28-25		0 SF
Q.H. REFUSE ROOM		12.0 SF
EXTERIOR WALL THICKNESS (SEE PG Z-003 FOR SUPPORTING DIAGRAM)		97.48 SF
TOTAL DEDUCTIONS		272.33 SF

6TH FLOOR DEDUCTION SUMMARY

ITEM	DESCRIPTION	AREA (SF)
M1	MECHANICAL VENT	4 SF
M2	MECHANICAL VENT	3 SF
M3	MECHANICAL VENT	4 SF
P1	PLUMBING CHASE	21 SF
P2	PLUMBING CHASE	9 SF
P3	PLUMBING CHASE	1 SF
P4	PLUMBING CHASE	20 SF
Q.H. CORRIDOR DENSITY (50% OF 190 SF) PER ZR 28-41		95 SF
Q.H. CORRIDOR LIGHT (50%) PER ZR 28-25		0 SF
Q.H. REFUSE ROOM		12.0 SF
EXTERIOR WALL THICKNESS (SEE PG Z-003 FOR SUPPORTING DIAGRAM)		85.91 SF
TOTAL DEDUCTIONS		254.91 SF

7TH FLOOR DEDUCTION SUMMARY

ITEM	DESCRIPTION	AREA (SF)
M1	MECHANICAL VENT	4 SF
M2	MECHANICAL VENT	4 SF
M3	MECHANICAL VENT	4 SF
M4	MECHANICAL VENT	4 SF
P1	PLUMBING CHASE	21 SF
P2	PLUMBING CHASE	11 SF
Q.H. CORRIDOR DENSITY (50% OF 198 SF) PER ZR 28-41		99 SF
Q.H. CORRIDOR LIGHT (50%) PER ZR 28-25		99 SF
Q.H. REFUSE ROOM		12.0 SF
EXTERIOR WALL THICKNESS (SEE PG Z-003 FOR SUPPORTING DIAGRAM)		70.43 SF
TOTAL DEDUCTIONS		328.43 SF



FLOOR DEDUCTIONS AND AREAS

FLOORS	GROSS FLOOR AREA	ZONING DEDUCTIONS							ZONING FLOOR AREA	F to F (in ft)	BUILDING HEIGHT (in ft)
		SHAFTS	CORRIDOR GROSS F.A.	CORRIDOR DENSITY	CORRIDOR LIGHT	WALLS-ENERGY	RECREATION SPACE	REFUSE COLLECTION			
CEL	3,692.00										
1	2,820.00	63.00	196.00	98.00	98.00	81.12	524.00	12.00	1,943.88	0	0
2	3,150.00	64.00	198.00	99.00	-	97.48	-	12.00	2,877.52	10	10
3	3,150.00	64.00	198.00	99.00	-	97.48	-	12.00	2,877.52	10	20
4	3,150.00	64.00	198.00	99.00	-	97.48	-	12.00	2,877.52	10	30
5	3,150.00	64.00	198.00	99.00	-	97.48	-	12.00	2,877.52	10	40
6	2,531.00	62.00	190.00	95.00	-	85.91	-	12.00	2,276.09	10	50
7	1,788.00	48.00	198.00	100.00	100.00	70.43	-	12.00	1,457.57	10.67	60.67
ROOF	485.00									10.67	71.34
TOTAL	23,916.00	429.00	689.00	198.00	627.38	524.00	84.00		17,187.62		

UNIT DISTRIBUTION CHART

	UNIT DISTRIBUTION			
	1BR	2 BR	3 BR	TOTAL
1	0	2	0	2
2	4	0	0	4
3	4	0	0	4
4	4	0	0	4
5	4	0	0	4
6	1	0	1	2
7	0	0	1	1
TOTAL	17	2	2	21

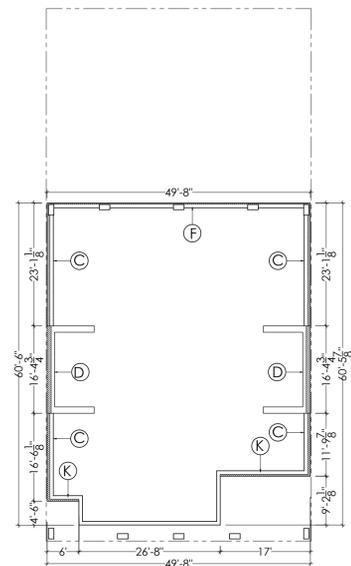
PROJECT No: 1501

1 DOB REVIEW 12/31/15
 1 ISSUED FOR DOB FILING 08/06/15
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DRAWING TITLE:

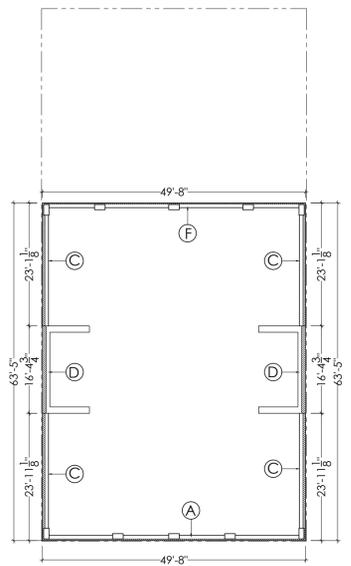
DATE: 12/31/2015
 SCALE: AS NOTED
 DRAWN BY: JD, MT
 CHECKED BY: JD
 DRAWING NO: 11 OF 43
 SHEET: **Z-002.00**





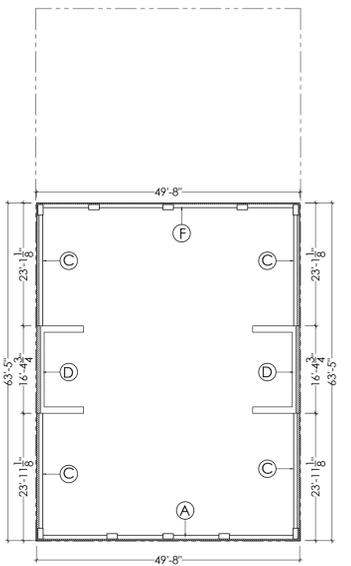
← ATLANTIC AVENUE →
 ACTUAL WALL THICKNESS
 DEDUCTION AS PER ZR 12-10

1 1ST FLOOR PLAN
 SCALE: 1/16" = 1'-0"



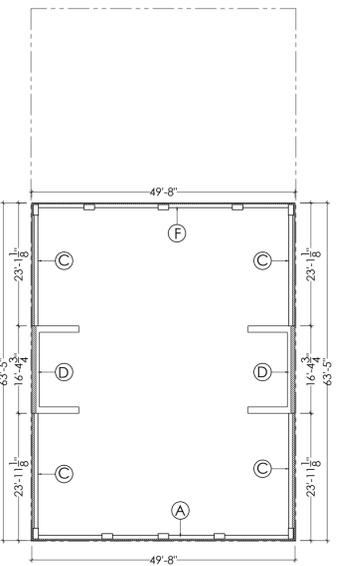
← ATLANTIC AVENUE →
 ACTUAL WALL THICKNESS
 DEDUCTION AS PER ZR 12-10

2 2ND FLOOR PLAN
 SCALE: 1/16" = 1'-0"



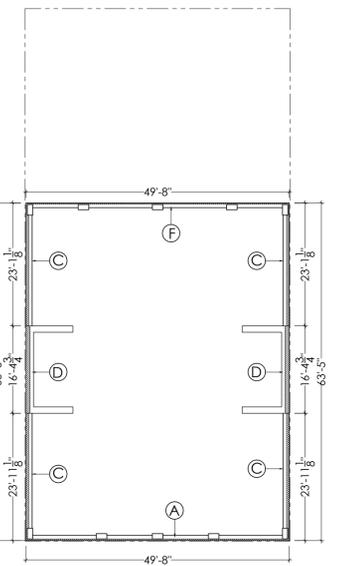
← ATLANTIC AVENUE →
 ACTUAL WALL THICKNESS
 DEDUCTION AS PER ZR 12-10

3 3RD FLOOR PLAN
 SCALE: 1/16" = 1'-0"



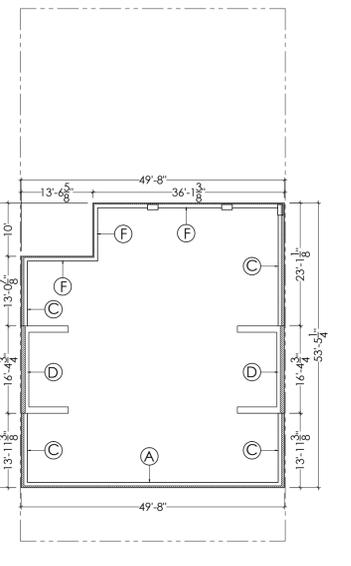
← ATLANTIC AVENUE →
 ACTUAL WALL THICKNESS
 DEDUCTION AS PER ZR 12-10

4 4TH FLOOR PLAN
 SCALE: 1/16" = 1'-0"



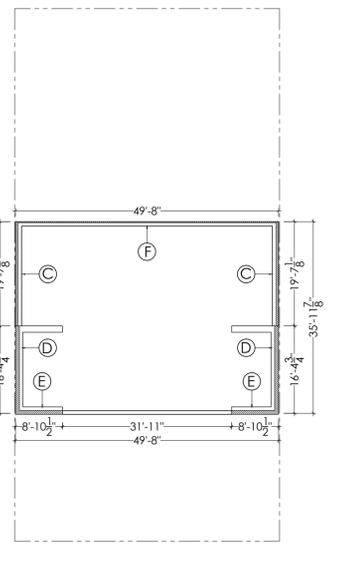
← ATLANTIC AVENUE →
 ACTUAL WALL THICKNESS
 DEDUCTION AS PER ZR 12-10

5 5TH FLOOR PLAN
 SCALE: 1/16" = 1'-0"



← ATLANTIC AVENUE →
 ACTUAL WALL THICKNESS
 DEDUCTION AS PER ZR 12-10

6 6TH FLOOR PLAN
 SCALE: 1/16" = 1'-0"



← ATLANTIC AVENUE →
 ACTUAL WALL THICKNESS
 DEDUCTION AS PER ZR 12-10

7 7TH FLOOR PLAN
 SCALE: 1/16" = 1'-0"

WALLS LEGEND

(A)	NEW MET. STUD WALL TYPE	A	(C)	NEW CMU WALL TYPE	C	(D)	NEW CONCRETE WALL TYPE	D
	U FACTOR	0.026		U FACTOR	0.043		U FACTOR	0.068
	ACTUAL WALL THICKNESS	11.875"		ACTUAL WALL THICKNESS	13.875"		ACTUAL WALL THICKNESS	17.125"
ZR 12-10	ALLOWABLE DEDUCTION	3.875"	ZR 12-10	ALLOWABLE DEDUCTION	5.875"	ZR 12-10	ALLOWABLE DEDUCTION	9.125"
(E)	NEW CONCRETE WALL TYPE	E	(F)	NEW MET. STUD WALL TYPE	F	(K)	NEW MET. STUD WALL TYPE	K
	U FACTOR	0.068		U FACTOR	0.066		U FACTOR	.045
	ACTUAL WALL THICKNESS	16.50"		ACTUAL WALL THICKNESS	10.750"		ACTUAL WALL THICKNESS	12.375"
ZR 12-10	ALLOWABLE DEDUCTION	8.50"	ZR 12-10	ALLOWABLE DEDUCTION	2.750"	ZR 12-10	ALLOWABLE DEDUCTION	4.375"

NOTE: SEE SHEET EN-100 FOR ADDITIONAL WALL ASSEMBLY INFORMATION.

8 WALL TYPE DIAGRAM
 NTS

PROJECT:

925 ATLANTIC AVE
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STRUCTURAL ENGINEER

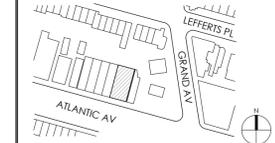
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MECHANICAL ENGINEER

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SITE PLAN



PROJECT No: 1501

1 DOB REVIEW 12/31/15
 1 ISSUED FOR DOB FILING 08/06/15
 REV. DATE

DRAWING TITLE:

ZONING DIAGRAMS;
 DEDUCTION DIAGRAMS

DATE: 12/31/2015

SCALE: AS NOTED

DRAWN BY: JD, MT

CHECKED BY: JD

DRAWING NO: 12 OF 43

SHEET: Z-003.00

SEAL & SIGNATURE ARCHITECT



COMcheck Software Version 4.0.0
Envelope Compliance Certificate

Project Information

Energy Code: 2014 New York Energy Conservation Construction Code
 Project Title: Kings County, New York
 Location: 4a
 Climate Zone: New Construction
 Project Type: 20%
 Vertical Glazing / Wall Area:

Construction Site: 925 Atlantic Avenue Brooklyn, NY 11238
 Owner/Agent: Elevation Holdings 308 Malcolm X Boulevard Brooklyn, NY 11233 718.544.3784
 Designer/Contractor: Feingold & Gregory Architects 118 West 83rd Street New York, NY 10024

Building Area	Floor Area
1-Multifamily - Residential	17250

Additional Efficiency Package

Reduced interior lighting power. Requirements are implicitly enforced within interior lighting allowance calculations.

Envelope Assemblies

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U-Factor _{min}
Roof Type 'A': Insulation Entirely Above Deck, [Bldg. Use 1 - Multifamily]	1798	---	30.0	0.032	0.048
Ext. Front Wall 1 - Type 'K': Other Steel Framed Wall, [Bldg. Use 1 - Multifamily] (b)	215	---	---	0.043	0.064
Egress Door - Type 'M': Insulated Metal, Swinging, [Bldg. Use 1 - Multifamily]	44	---	---	0.370	0.700
Entrance Door - Type 'J': Glass (> 50% glazing) Metal Frame, Entrance Door, Perf. Type: Energy code default, Double Pane with Low-E, Clear, SHGC 0.70, [Bldg. Use 1 - Multifamily]	61	---	---	0.800	0.850
Ext. Front Wall 2 - Type 'A': Other Steel Framed Wall, [Bldg. Use 1 - Multifamily] (b)	2020	---	---	0.026	0.064
Window 1 - Front Wall 2: Metal Frame with Thermal Break-Operable, Perf. Specs.: Product ID NCTL-110-10282-2, SHGC 0.33, [Bldg. Use 1 - Multifamily] (c)	693	---	---	0.490	0.550
Window 2 - Front Wall 2: Metal Frame with Thermal Break-Operable, Perf. Specs.: Product ID NCTL-110-10282-2, SHGC 0.33, [Bldg. Use 1 - Multifamily] (c)	424	---	---	0.490	0.550
Ext. Front Wall 3 - Type 'A': Other Steel Framed Wall, [Bldg. Use 1 - Multifamily] (b)	530	---	---	0.026	0.064
Window 1 - Front Wall 3: Metal Frame with Thermal Break-Operable, Perf. Specs.: Product ID NCTL-110-10282-2, SHGC 0.33, [Bldg. Use 1 - Multifamily] (c)	71	---	---	0.490	0.550
Window 3 - Front Wall 3: Metal Frame with Thermal Break-Operable, Perf. Specs.: Product ID NCTL-110-10282-2, SHGC 0.33, [Bldg. Use 1 - Multifamily] (c)	45	---	---	0.490	0.550
Window 4 - Front Wall 3: Metal Frame with Thermal Break-Operable, Perf. Specs.: Product ID NCTL-110-10282-2, SHGC 0.33, [Bldg. Use 1 - Multifamily] (c)	88	---	---	0.490	0.550

Project Title: C:\Dropbox\1501 BK_925-927 Atlantic Ave\03 Construction Documents\ComCheck\925 Atlantic_ComCheck.cck
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Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U-Factor _{min}
Perf. Specs.: Product ID NCTL-110-10282-2, SHGC 0.33, [Bldg. Use 1 - Multifamily] (c)	60	---	---	0.800	0.850
Terrace Door - Type 'D2': Glass (> 50% glazing) Metal Frame, Non-Entrance Door, Perf. Type: Energy code default, Double Pane with Low-E, Clear, SHGC 0.70, [Bldg. Use 1 - Multifamily]	471	---	---	0.026	0.064
Ext. Front Wall 4 - Type 'A': Other Steel Framed Wall, [Bldg. Use 1 - Multifamily] (b)	175	---	---	0.490	0.550
Window 5 - Front Wall 4: Metal Frame with Thermal Break-Operable, Perf. Specs.: Product ID NCTL-110-10282-2, SHGC 0.33, [Bldg. Use 1 - Multifamily] (c)	60	---	---	0.800	0.850
Terrace Door - Type 'D2': Glass (> 50% glazing) Metal Frame, Non-Entrance Door, Perf. Type: Energy code default, Double Pane with Low-E, Clear, SHGC 0.70, [Bldg. Use 1 - Multifamily]	378	---	---	0.068	0.064
Ext. Front Wall 5 - Type 'E': Other Mass Wall, Heat capacity 1.0, [Bldg. Use 1 - Multifamily] (b)	506	---	19.0	0.048	0.090
Basement Wall - Front: Solid Concrete 12" Thickness, Normal Density, Furring: None, [Bldg. Use 1 - Multifamily]	3393	---	---	0.026	0.064
Ext. Rear Wall 1 - Type 'F': Other Steel Framed Wall, [Bldg. Use 1 - Multifamily] (b)	108	---	---	0.499	0.550
Window 6 - Rear Wall 1: Metal Frame with Thermal Break-Operable, Perf. Specs.: Product ID NCTL-110-10282-2, SHGC 0.33, [Bldg. Use 1 - Multifamily] (c)	184	---	---	0.490	0.550
Window 7 - Rear Wall 1: Metal Frame with Thermal Break-Operable, Perf. Specs.: Product ID NCTL-110-10282-2, SHGC 0.33, [Bldg. Use 1 - Multifamily] (c)	540	---	---	0.490	0.550
Window 8 - Rear Wall 1: Metal Frame with Thermal Break-Operable, Perf. Specs.: Product ID NCTL-110-10282-2, SHGC 0.33, [Bldg. Use 1 - Multifamily] (c)	198	---	---	0.490	0.550
Window 9 - Rear Wall 1: Metal Frame with Thermal Break-Operable, Perf. Specs.: Product ID NCTL-110-10282-2, SHGC 0.33, [Bldg. Use 1 - Multifamily] (c)	198	---	---	0.490	0.550
Window 10 - Rear Wall 1: Metal Frame with Thermal Break-Operable, Perf. Specs.: Product ID NCTL-110-10282-2, SHGC 0.33, [Bldg. Use 1 - Multifamily] (c)	50	---	---	0.490	0.550
Window 12 - Rear Wall 1: Metal Frame with Thermal Break-Operable, Perf. Specs.: Product ID NCTL-110-10282-2, SHGC 0.33, [Bldg. Use 1 - Multifamily] (c)	286	---	---	0.800	0.850
Door - Type 'D': Glass (> 50% glazing) Metal Frame, Non-Entrance Door, Perf. Type: Energy code default, Double Pane with Low-E, Clear, SHGC 0.70, [Bldg. Use 1 - Multifamily]	145	---	---	0.026	0.064
Ext. Rear Wall 2 - Type 'F': Other Steel Framed Wall, [Bldg. Use 1 - Multifamily] (b)	47	---	---	0.490	0.550
Window 8 - Rear Wall 2: Metal Frame with Thermal Break-Operable, Perf. Specs.: Product ID NCTL-110-10282-2, SHGC 0.33, [Bldg. Use 1 - Multifamily] (c)	30	---	---	0.800	0.850
Door - Type 'D': Glass (> 50% glazing) Metal Frame, Non-Entrance Door, Perf. Type: Energy code default, Double Pane with Low-E, Clear, SHGC 0.70, [Bldg. Use 1 - Multifamily]	739	---	---	0.026	0.064
Ext. Rear Wall 3 - Type 'F': Other Steel Framed Wall, [Bldg. Use 1 - Multifamily] (b)	49	---	---	0.490	0.550
Window 8 - Rear Wall 3: Metal Frame with Thermal Break-Operable, Perf. Specs.: Product ID NCTL-110-10282-2, SHGC 0.33, [Bldg. Use 1 - Multifamily] (c)	30	---	---	0.490	0.550
Window 11 - Rear Wall 3: Metal Frame with Thermal Break-Operable, Perf. Specs.: Product ID NCTL-110-10282-2, SHGC 0.33, [Bldg. Use 1 - Multifamily] (c)	56	---	---	0.490	0.550
Window 12 - Rear Wall 3: Metal Frame with Thermal Break-Operable, Perf. Specs.: Product ID NCTL-110-10282-2, SHGC 0.33, [Bldg. Use 1 - Multifamily] (c)					

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 Report date: 07/27/15
 Page 2 of 10

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U-Factor _{min}
Window 7 - Rear Wall 3: Metal Frame with Thermal Break-Operable, Perf. Specs.: Product ID NCTL-110-10282-2, SHGC 0.33, [Bldg. Use 1 - Multifamily] (c)	51	---	---	0.049	0.550
Terrace Door - Type 'D2': Glass (> 50% glazing) Metal Frame, Non-Entrance Door, Perf. Type: Energy code default, Double Pane with Low-E, Clear, SHGC 0.70, [Bldg. Use 1 - Multifamily]	52	---	---	0.800	0.850
Ext. Side Wall 1 - Type 'C': Other Mass Wall, Heat capacity 1.0, [Bldg. Use 1 - Multifamily] (b)	2771	---	---	0.043	0.064
Ext. Side Wall 1 - Type 'D': Other Mass Wall, Heat capacity 1.0, [Bldg. Use 1 - Multifamily] (b)	1332	---	---	0.068	0.064
Ext. Side Wall 1 - Below Grade - Type 'G': Other Mass Wall, Heat capacity 1.0, [Bldg. Use 1 - Multifamily] (b)	398	---	---	0.048	0.064
Ext. Side Wall 1 - Below Grade - Type 'H': Other Mass Wall, Heat capacity 1.0, [Bldg. Use 1 - Multifamily] (b)	222	---	---	0.034	0.064
Ext. Side Wall 2 - Type 'C': Other Mass Wall, Heat capacity 1.0, [Bldg. Use 1 - Multifamily] (b)	2771	---	---	0.043	0.064
Ext. Side Wall 2 - Type 'D': Other Mass Wall, Heat capacity 1.0, [Bldg. Use 1 - Multifamily] (b)	1332	---	---	0.068	0.064
Ext. Side Wall 2 - Below Grade - Type 'G': Other Mass Wall, Heat capacity 1.0, [Bldg. Use 1 - Multifamily] (b)	398	---	---	0.048	0.064
Ext. Side Wall 2 - Below Grade - Type 'H': Other Mass Wall, Heat capacity 1.0, [Bldg. Use 1 - Multifamily] (b)	222	---	---	0.034	0.064
Ext. Front Wall - Gym: Other Mass Wall, Heat capacity 1.0, [Bldg. Use 1 - Multifamily] (b)	249	---	---	0.490	0.064
Ext. Side Wall 1 - Gym: Other Mass Wall, Heat capacity 1.0, [Bldg. Use 1 - Multifamily] (b)	68	---	---	0.490	0.064
Ext. Side Wall 2 - Gym: Other Mass Wall, Heat capacity 1.0, [Bldg. Use 1 - Multifamily] (b)	76	---	---	0.490	0.064
Second Floor Slab - Floor Type 'B': Concrete Floor (over unconditioned space), [Bldg. Use 1 - Multifamily]	411	---	18.5	0.046	0.074

(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) Fenestration product performance must be certified in accordance with NFRC and requires supporting documentation.

Envelope PASSES: Design 3% better than code

Envelope 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 systems have been designed to meet the 2014 New York Energy Conservation Construction Code requirements in COMcheck Version 4.0.0 and to comply with the mandatory requirements listed in the Inspection Checklist.

Name: Title Signature Date
 [Signature] [Signature] 7-31-15



Project Title: C:\Dropbox\1501 BK_925-927 Atlantic Ave\03 Construction Documents\ComCheck\925 Atlantic_ComCheck.cck
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 Page 3 of 10

PROJECT:

925 ATLANTIC AVE
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STRUCTURAL ENGINEER

GACE consulting engineers pc

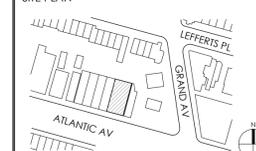
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SITE PLAN



PROJECT No: 1501

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DRAWING TITLE:

ENERGY CODE COMPLIANCE

DATE: 12/31/2015

SCALE: AS NOTED

DRAWN BY: JD, MT

CHECKED BY: JD

DRAWING NO: 13 OF 43

SHEET: **EN-001.00**

SEAL & SIGNATURE



TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGEMENT THIS BUILDING COMPLIES WITH 2014 NYCECC

COMMERCIAL BUILDINGS

2014 CODE PROGRESS INSPECTION		FREQUENCY (MINIMUM)	REFERENCE STANDARD (SEE ECC CHAPTER 6) OR OTHER CRITERIA	TABLE REFERENCE	2014 CODE SECTION
<input checked="" type="checkbox"/>	<input type="checkbox"/>	1. PROTECTION OF EXPOSED FOUNDATION INSULATION SHALL BE VISUALLY INSPECTED TO VERIFY PROPER PROTECTION WHERE APPLIED TO THE EXTERIOR OF BASEMENT OR CELLAR WALLS, CRAWL-SPACE WALLS AND/OR THE PERIMETER OF SLAB-ON-GRADE FLOORS.	AS REQUIRED DURING FOUNDATION WORK AND PRIOR TO BACKFILL	APPROVED CONSTRUCTION DOCUMENTS	IIA1 C303.2.1; ASHRAE 90.1-5.8.1.7
<input checked="" type="checkbox"/>	<input type="checkbox"/>	2. INSULATION PLACEMENT AND R-VALUES INSTALLED INSULATION FOR EACH COMPONENT OF THE CONDITIONED SPACE ENVELOPE AND AT JUNCTIONS BETWEEN COMPONENTS SHALL BE VISUALLY INSPECTED TO ENSURE THAT THE R-VALUES ARE MARKED, THAT SUCH R-VALUES CONFORM TO THE R-VALUES IDENTIFIED IN THE CONSTRUCTION DOCUMENTS AND THAT THE INSULATION IS PROPERLY INSTALLED. CERTIFICATIONS FOR UNMARKED INSULATION SHALL BE SIMILARLY VISUALLY INSPECTED.	AS REQUIRED TO VERIFY CONTINUOUS ENCLOSURE WHILE WALLS, CEILING AND FLOORS ARE OPEN	APPROVED CONSTRUCTION DOCUMENTS	IIA2 C303.1, C303.1.1, C303.1.2, C402.1, C402.2; ASHRAE 90.1-5.5, 5.6 OR 11; 5.8.1
<input checked="" type="checkbox"/>	<input type="checkbox"/>	3. FENESTRATION, THERMAL VALUES AND PRODUCT RATINGS U-FACTORS, SHGC AND VT VALUES OF INSTALLED FENESTRATION SHALL BE VISUALLY INSPECTED FOR CONFORMANCE WITH THE U-FACTORS, SHGC AND VT VALUES IDENTIFIED IN THE CONSTRUCTION DRAWINGS BY VERIFYING THE MANUFACTURER'S NFRC LABELS OR, WHERE NOT LABELED, USING THE RATINGS IN ECC TABLES C303.1.3(1), (2) AND (3).	AS REQUIRED DURING INSTALLATION	APPROVED CONSTRUCTION DOCUMENTS; NFRC 100, NFRC 200	IIA3 C303.1, C303.1.3, C402.3; ASHRAE 90.1 - 5.5; 5.6 OR 11; 5.8.2
<input checked="" type="checkbox"/>	<input type="checkbox"/>	4. FENESTRATION AND DOOR ASSEMBLY PRODUCT RATINGS FOR AIR LEAKAGE WINDOWS AND SLIDING OR SWINGING DOOR ASSEMBLIES, EXCEPT SITE-BUILT WINDOWS AND/OR DOORS, SHALL BE VISUALLY INSPECTED TO VERIFY THAT INSTALLED ASSEMBLIES ARE LISTED AND LABELED BY THE MANUFACTURER TO THE REFERENCED STANDARD. FOR CURTAIN WALL, STOREFRONT GLAZING, COMMERCIAL ENTRANCE DOORS AND REVOLVING DOORS, THE TESTING REPORTS SHALL BE REVIEWED TO VERIFY THAT THE INSTALLED ASSEMBLY COMPLIES WITH THE STANDARD CITED IN THE APPROVED PLANS.	AS REQUIRED DURING INSTALLATION; PRIOR TO FINAL CONSTRUCTION INSPECTION	NFRC 400, AAMA/WDMA/CSA 101/LS2/A440 ASTM E283; ANSI/DASMA 105	IIA4 C402.4.3; ASHRAE 90.1 - 5.4.3.2
<input checked="" type="checkbox"/>	<input type="checkbox"/>	5. FENESTRATION AREAS DIMENSIONS OF WINDOWS, DOORS AND SKYLIGHTS SHALL BE VERIFIED BY VISUAL INSPECTION.	PRIOR TO FINAL CONSTRUCTION INSPECTION	APPROVED CONSTRUCTION DOCUMENTS	IIA5 C402.3; ASHRAE 90.1 - 5.5.4.2, 5.6 OR 11
<input checked="" type="checkbox"/>	<input type="checkbox"/>	6. AIR SEALING AND INSULATION - VISUAL INSPECTION OPENINGS AND PENETRATIONS IN THE BUILDING ENVELOPE, INCLUDING SITE-BUILT FENESTRATION AND DOORS, SHALL BE VISUALLY INSPECTED TO VERIFY THAT A CONTINUOUS AIR BARRIER AROUND THE ENVELOPE FORMS AN AIR-TIGHT ENCLOSURE. THE PROGRESS INSPECTOR SHALL VISUALLY INSPECT TO VERIFY THAT MATERIALS AND/OR ASSEMBLIES HAVE BEEN TESTED AND MEET THE REQUIREMENTS OF THE RESPECTIVE STANDARDS, OR THAT THE BUILDING IS TESTED AND MEETS THE REQUIREMENTS OF THE STANDARD, IN ACCORDANCE WITH THE STANDARD(S) CITED IN THE APPROVED PLANS.	AS REQUIRED DURING CONSTRUCTION	APPROVED CONSTRUCTION DOCUMENTS; ASTM E2178, ASTM E2357, ASTM E1677, ASTM E779, ASTM E283.	IIA6 C402.4; ASHRAE 90.1 - 5.4.3.1
<input type="checkbox"/>	<input checked="" type="checkbox"/>	7. PROJECTION FACTORS WHERE THE ENERGY ANALYSIS UTILIZED A PROJECTION FACTOR > 0, THE PROJECTION DIMENSIONS OF OVERHANGS, EAVES OR PERMANENTLY ATTACHED SHADING DEVICES SHALL BE VERIFIED FOR CONFORMANCE WITH APPROVED PLANS BY VISUAL INSPECTION.	PRIOR TO FINAL CONSTRUCTION INSPECTION	APPROVED CONSTRUCTION DOCUMENTS, INCLUDING ENERGY ANALYSIS	IIA7 C402.4.6; ASHRAE 90.1 - 5.5.4, 5.6 OR 11
<input type="checkbox"/>	<input checked="" type="checkbox"/>	8. LOADING DOCK WEATHERSEALS WEATHERSEALS AT LOADING DOCKS SHALL BE VISUALLY VERIFIED.	PRIOR TO FINAL CONSTRUCTION INSPECTION	APPROVED CONSTRUCTION DOCUMENTS	IIA8 502.4.5; ASHRAE 90.1 - 5.4.3.3
<input type="checkbox"/>	<input checked="" type="checkbox"/>	9. BUILDING ENTRANCE VESTIBULES REQUIRED ENTRANCE VESTIBULES SHALL BE VISUALLY INSPECTED FOR PROPER OPERATION.	PRIOR TO FINAL CONSTRUCTION INSPECTION	APPROVED CONSTRUCTION DOCUMENTS	IIA9 C402.4.7; ASHRAE 90.1 - 5.4.3.4
<input type="checkbox"/>	<input checked="" type="checkbox"/>	10. FIREPLACES PROVISION OF COMBUSTION AIR AND TIGHT-FITTING FIREPLACE DOORS SHALL BE VERIFIED BY VISUAL INSPECTION.	PRIOR TO FINAL CONSTRUCTION INSPECTION	APPROVED CONSTRUCTION DOCUMENTS; ANSI Z21.60 (see also MC 904), ANSI Z21.50	IIB1 C402.2.9; BC 2111; MC 7, 9; FGC 6
<input checked="" type="checkbox"/>	<input type="checkbox"/>	11. OUTDOOR AIR INTAKES AND EXHAUST OPENINGS DAMPERS FOR STAIR AND ELEVATOR SHAFT VENTS AND OTHER OUTDOOR AIR INTAKES AND EXHAUST OPENINGS INTEGRAL TO THE BUILDING ENVELOPE SHALL BE VISUALLY INSPECTED TO VERIFY THAT SUCH DAMPERS, EXCEPT WHERE PERMITTED TO BE GRAVITY DAMPERS, COMPLY WITH APPROVED CONSTRUCTION DRAWINGS. MANUFACTURER'S LITERATURE SHALL BE REVIEWED TO VERIFY THAT THE PRODUCT HAS BEEN TESTED AND FOUND TO MEET THE STANDARD.	AS REQUIRED DURING INSTALLATION	APPROVED CONSTRUCTION DOCUMENTS; AMCA 500D	IIB2 C403.2.4.4; ASHRAE 90.1 - 6.4.3.4
<input checked="" type="checkbox"/>	<input type="checkbox"/>	12. HVAC, SERVICE WATER HEATING AND POOL EQUIPMENT SIZING AND PERFORMANCE EQUIPMENT SIZING, EFFICIENCIES AND OTHER PERFORMANCE FACTORS OF ALL MAJOR EQUIPMENT UNITS, AS DETERMINED BY THE APPLICANT OF RECORD, AND NO LESS THAN 15% OF MINOR EQUIPMENT UNITS, SHALL BE VERIFIED BY VISUAL INSPECTION AND, WHERE NECESSARY, REVIEW OF MANUFACTURER'S DATA, POOL HEATERS AND COVERS SHALL BE VERIFIED BY VISUAL INSPECTION.	PRIOR TO FINAL PLUMBING AND CONSTRUCTION INSPECTION	APPROVED CONSTRUCTION DOCUMENTS	IIB3 C403.2, C404.2, C404.7, C406.2; ASHRAE 90.1 - 6.3, 6.4.1, 6.4.2, 6.8; 7.4, 7.8

<input checked="" type="checkbox"/>	<input type="checkbox"/>	13. HVAC, SYSTEM CONTROLS AND ECONOMIZERS AND SERVICE HOT WATER SYSTEM CONTROLS NO LESS THAN 20% OF EACH TYPE OF REQUIRED CONTROLS AND ECONOMIZERS SHALL BE VERIFIED BY VISUAL INSPECTION AND TESTED FOR FUNCTIONALITY AND PROPER OPERATION. SUCH CONTROLS SHALL INCLUDE, BUT ARE NOT LIMITED TO: <ul style="list-style-type: none"> • THERMOSTATIC • SET POINT OVERLAP RESTRICTION • OFF-HOUR • SHUTOFF DAMPER • SNOW-MELT SYSTEM • DEMAND CONTROL SYSTEMS • OUTDOOR HEATING SYSTEMS • ZONES • ECONOMIZERS • AIR SYSTEMS • VARIABLE AIR VOLUME FAN • SINGLE ZONE COOLING SYSTEMS • HYDRONIC SYSTEMS • HEAT REJECTION EQUIPMENT FAN SPEED • COMPLEX MECHANICAL SYSTEMS SERVING MULTIPLE ZONES • VENTILATION • ENERGY RECOVERY SYSTEMS • HOT GAS BYPASS LIMITATION • TEMPERATURE • SERVICE WATER HEATING • HOT WATER SYSTEM • POOL HEATER AND TIME • SWITCHES • EXHAUST HOODS • RADIANT HEATING SYSTEMS • HVAC CONTROL IN GROUP R-1 SLEEPING ROOMS CONTROLS WITH SEASONALLY DEPENDENT FUNCTIONALITY: CONTROLS WHOSE COMPLETE OPERATION CANNOT BE DEMONSTRATED DUE TO PREVAILING WEATHER CONDITIONS TYPICAL OF THE SEASON DURING WHICH PROGRESS INSPECTIONS WILL BE PERFORMED SHALL BE PERMITTED TO BE SIGNED OFF FOR THE PURPOSE OF A TEMPORARY CERTIFICATE OF OCCUPANCY WITH ONLY A VISUAL INSPECTION, PROVIDED, HOWEVER, THAT THE PROGRESS INSPECTOR SHALL PERFORM A SUPPLEMENTAL INSPECTION WHERE THE CONTROLS ARE VISUALLY INSPECTED AND TESTED FOR FUNCTIONALITY AND PROPER OPERATION DURING THE NEXT IMMEDIATE SEASON THEREAFTER. THE OWNER SHALL PROVIDE FULL ACCESS TO THE PROGRESS INSPECTOR WITHIN TWO WEEKS OF THE PROGRESS INSPECTOR'S REQUEST FOR SUCH ACCESS TO PERFORM THE PROGRESS INSPECTION. FOR SUCH SUPPLEMENTAL INSPECTIONS, THE DEPARTMENT SHALL BE NOTIFIED BY THE APPROVED PROGRESS INSPECTION AGENCY OF ANY UNRESOLVED DEFICIENCIES IN THE INSTALLED WORK WITHIN 180 DAYS OF SUCH SUPPLEMENTAL INSPECTION.	AFTER INSTALLATION AND PRIOR TO FINAL ELECTRICAL AND CONSTRUCTION INSPECTION, EXCEPT THAT FOR CONTROLS WITH SEASONALLY DEPENDENT FUNCTIONALITY, SUCH TESTING SHALL BE PERFORMED BEFORE SIGNOFF FOR ISSUANCE OF A FINAL CERTIFICATE OF OCCUPANCY	APPROVED CONSTRUCTION DOCUMENTS, INCLUDING CONTROL SYSTEM NARRATIVES; ASHRAE GUIDELINE 1: THE HVAC COMMISSIONING PROCESS WHERE APPLICABLE	IIB4	C403.2.4, C403.2.5.1, C403.2.11, C403.3, C403.4, C404.3, C404.6, C404.7; ASHRAE 90.1 - 6.3, 6.4, 6.5, 7.4.4, 7.4.5
<input checked="" type="checkbox"/>	<input type="checkbox"/>	14. DUCT, PLENUM AND PIPING INSULATION AND SEALING INSTALLED DUCT AND PIPING INSULATION SHALL BE VISUALLY INSPECTED TO VERIFY PROPER INSULATION PLACEMENT AND VALUES, JOINTS, LONGITUDINAL AND TRANSVERSE SEAMS AND CONNECTIONS IN DUCTWORK SHALL BE VISUALLY INSPECTED FOR PROPER SEALING.	PRIOR TO FINAL ELECTRICAL AND CONSTRUCTION INSPECTION	APPROVED CONSTRUCTION DOCUMENTS; SMACNA DUCT CONSTRUCTION STANDARDS, METAL AND FLEXIBLE	IIB5	C403.2.7, C403.2.8, C404.5; ASHRAE 90.1 - 6.3, 6.4.4, 6.8.2, 6.8.3, 7.4.3; MC 603.9
<input type="checkbox"/>	<input checked="" type="checkbox"/>	15. AIR LEAKAGE TESTING FOR HIGH-PRESSURE DUCT SYSTEMS FOR DUCT SYSTEMS DESIGNED TO OPERATE AT STATIC PRESSURES IN EXCESS OF 3 INCHES W.G. (746 PA), REPRESENTATIVE SECTIONS, AS DETERMINED BY THE PROGRESS INSPECTOR, TOTALING AT LEAST 25% OF THE DUCT AREA, PER ECC C403.2.7.1.3, SHALL BE TESTED TO VERIFY THAT ACTUAL AIR LEAKAGE IS BELOW ALLOWABLE AMOUNTS.	PRIOR TO FINAL ELECTRICAL AND CONSTRUCTION INSPECTION	APPROVED CONSTRUCTION DOCUMENTS; SMACNA DUCT CONSTRUCTION STANDARDS, METAL AND FLEXIBLE	IIB6	C403.2.7.1.3; ASHRAE 90.1 - 6.4.4.2.2
<input type="checkbox"/>	<input checked="" type="checkbox"/>	16. ELECTRICAL METERING THE PRESENCE AND OPERATION OF INDIVIDUAL METERS OR OTHER MEANS OF MONITORING INDIVIDUAL APARTMENTS SHALL BE VERIFIED BY VISUAL INSPECTION FOR ALL APARTMENTS AND WHERE REQUIRED IN A COVERED TENANT SPACE.	PRIOR TO FINAL ELECTRICAL AND CONSTRUCTION INSPECTION	APPROVED CONSTRUCTION DOCUMENTS	IIC1	C405.7
<input checked="" type="checkbox"/>	<input type="checkbox"/>	17. LIGHTING IN DWELLING UNITS LAMPS IN PERMANENTLY INSTALLED LIGHTING FIXTURES SHALL BE VISUALLY INSPECTED TO VERIFY COMPLIANCE WITH HIGH-EFFICACY REQUIREMENTS.	PRIOR TO FINAL ELECTRICAL AND CONSTRUCTION INSPECTION	APPROVED CONSTRUCTION DOCUMENTS	IIC2	C405.1; ASHRAE 90.1 - 9.1.1
<input checked="" type="checkbox"/>	<input type="checkbox"/>	18. INTERIOR LIGHTING POWER INSTALLED LIGHTING SHALL BE VERIFIED FOR COMPLIANCE WITH THE LIGHTING POWER ALLOWANCE BY VISUAL INSPECTION OF FIXTURES, LAMPS, BALLASTS AND TRANSFORMERS.	PRIOR TO FINAL ELECTRICAL AND CONSTRUCTION INSPECTION	APPROVED CONSTRUCTION DOCUMENTS	IIC3	C405.5, C406.3; ASHRAE 90.1-9.1, 9.2, 9.5, 9.6; 1RCNY 101-07(c)(3)(V)(C)4
<input checked="" type="checkbox"/>	<input type="checkbox"/>	19. EXTERIOR LIGHTING POWER INSTALLED LIGHTING SHALL BE VERIFIED FOR COMPLIANCE WITH SOURCE EFFICACY AND/OR THE LIGHTING POWER ALLOWANCE BY VISUAL INSPECTION OF FIXTURES, LAMPS, BALLASTS AND RELEVANT TRANSFORMERS.	PRIOR TO FINAL ELECTRICAL AND CONSTRUCTION INSPECTION	APPROVED CONSTRUCTION DOCUMENTS	IIC4	C405.6; ASHRAE 90.1-9.4.3; 1RCNY 101-07(c)(3)(V)(C)4
<input checked="" type="checkbox"/>	<input type="checkbox"/>	20. LIGHTING CONTROLS EACH TYPE OF REQUIRED LIGHTING CONTROLS, INCLUDING: <ul style="list-style-type: none"> • OCCUPANT SENSORS • MANUAL INTERIOR LIGHTING CONTROLS • LIGHT-REDUCTION CONTROLS • AUTOMATIC LIGHTING SHUT-OFF • DAYLIGHT ZONE CONTROLS • SLEEPING UNIT CONTROLS • EXTERIOR LIGHTING CONTROLS SHALL BE VERIFIED BY VISUAL INSPECTION AND TESTED FOR FUNCTIONALITY AND PROPER OPERATION.	PRIOR TO FINAL ELECTRICAL AND CONSTRUCTION INSPECTION	APPROVED CONSTRUCTION DOCUMENTS, INCLUDING CONTROL SYSTEM NARRATIVES	IIC5	C405.2; ASHRAE 90.1 - 9.4.1 (as modified by section ECC A102)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	21. EXIT SIGNS INSTALLED EXIT SIGNS SHALL BE VISUALLY INSPECTED TO VERIFY THAT THE LABEL INDICATES THAT THEY DO NOT EXCEED MAXIMUM PERMITTED WATTAGE.	PRIOR TO FINAL ELECTRICAL AND CONSTRUCTION INSPECTION	APPROVED CONSTRUCTION DOCUMENTS	IIC6	C405.4; ASHRAE 90.1 - 9.4.2
<input type="checkbox"/>	<input type="checkbox"/>	22. TANDEN WIRING				
<input checked="" type="checkbox"/>	<input type="checkbox"/>	23. ELECTRIC MOTORS (INCLUDING BUT NOT LIMITED TO FAN MOTORS) WHERE REQUIRED BY THE CONSTRUCTION DOCUMENTS FOR ENERGY CODE COMPLIANCE, MOTOR LISTINGS OR LABELS SHALL BE VISUALLY INSPECTED TO VERIFY THAT THEY COMPLY WITH THE RESPECTIVE ENERGY REQUIREMENTS IN THE CONSTRUCTION DOCUMENTS.	PRIOR TO FINAL ELECTRICAL AND CONSTRUCTION INSPECTION	APPROVED CONSTRUCTION DOCUMENTS	IIC8	C403.2.10; ASHRAE 90.1 - 10.4
<input checked="" type="checkbox"/>	<input type="checkbox"/>	24. MAINTENANCE INFORMATION MAINTENANCE MANUALS FOR MECHANICAL, SERVICE HOT WATER AND ELECTRICAL EQUIPMENT AND SYSTEMS REQUIRING PREVENTIVE MAINTENANCE SHALL BE REVIEWED FOR APPLICABILITY TO INSTALLED EQUIPMENT AND SYSTEMS BEFORE SUCH MANUALS ARE PROVIDED TO THE OWNER. LABELS REQUIRED FOR SUCH EQUIPMENT OR SYSTEMS SHALL BE INSPECTED FOR ACCURACY AND COMPLETENESS.	PRIOR TO SIGNOFF OR ISSUANCE OF FINAL CERTIFICATE OF OCCUPANCY	APPROVED CONSTRUCTION DOCUMENTS, INCLUDING ELECTRICAL DRAWINGS WHERE APPLICABLE; ASHRAE GUIDELINE 4: PREPARATION OF OPERATING AND MAINTENANCE DOCUMENTATION FOR BUILDING SYSTEMS	IID1	C303.3, C408.2.5.2; ASHRAE 90.1 - 4.2.2.3, 6.7.2.2, 8.7.2, 9.7.2.2

TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGEMENT THIS BUILDING COMPLIES WITH 2014 NYCECC

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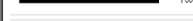


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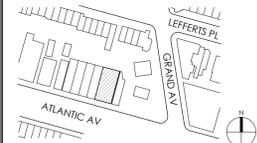
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SITE PLAN



PROJECT No: 1501

1 DOB REVIEW 12/31/15
1 ISSUED FOR DOB FILING 08/06/15
REV. DATE

DRAWING TITLE:

TR8 SPECIAL INSPECTION CHECKLIST

DATE: 12/31/2015

SCALE: AS NOTED

DRAWN BY: JD, MT

CHECKED BY: JD

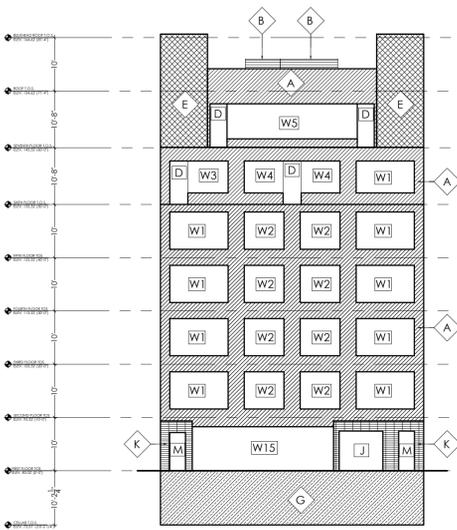
DRAWING NO: 15 OF 43

SHEET: EN-002.00

SEAL & SIGNATURE

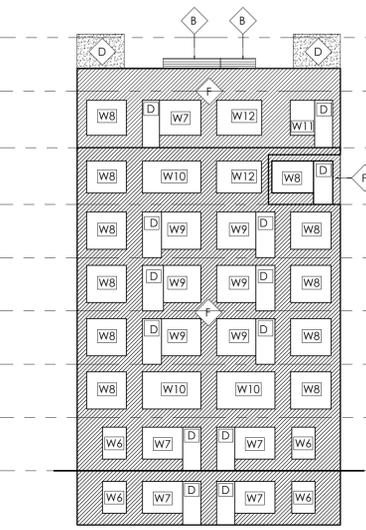


WALL & FENESTRATION CALCULATIONS



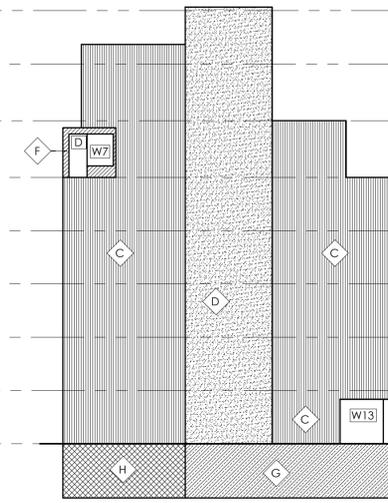
1 FRONT (SOUTH) WALL DIAGRAM
SCALE: 1/16" = 1' 0"

WALL TAG	WALL TYPE	AREA (SF)	
A	A	1505 SF (W _a)	
B	B	32 SF (W _b)	
E	E	352 SF (W _e)	
G	G	493 SF (W _g)	
K	K	110 SF (W _k)	
TOTAL AREA (W _A)		= 2492 SF	
WIN. TAG	# OF UNITS	AREA (SF)	TOTAL AREA (SF)
W1	9	77	693
W2	8	53	424
W3	1	45	45
W4	2	44	88
W5	1	162	162
W15	1	249	220
D	4	26	104
M	2	22	44
J	1	61	61
TOTAL FENESTRATION TYPE W (F _w)		= 1632 SF	
TOTAL FENESTRATION TYPE D (F _d)		= 209 SF	
TOTAL FENESTRATION AREA (F _A)		= 1841 SF	



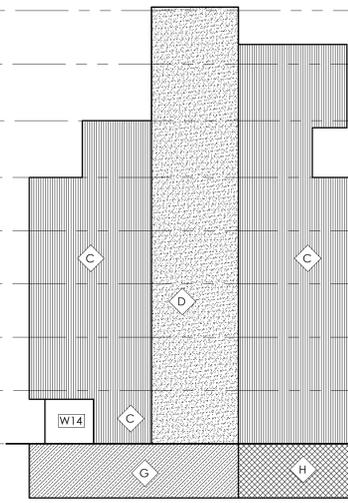
2 REAR (NORTH) WALL DIAGRAM
SCALE: 1/16" = 1' 0"

WALL TAG	WALL TYPE	AREA (SF)	
B	B	34 SF (W _b)	
D	D	89 SF (W _d)	
F	F	2273 SF (W _f)	
TOTAL AREA (W _A)		= 2396 SF	
WIN. TAG	# OF UNITS	AREA (SF)	TOTAL AREA (SF)
W6	4	27	108
W7	5	46	230
W8	11	53	583
W9	6	77	462
W10	3	52	156
W11	1	30	30
W12	2	56	112
D	13	26	338
TOTAL FENESTRATION TYPE W (F _w)		= 1681 SF	
TOTAL FENESTRATION TYPE D (F _d)		= 338 SF	
TOTAL FENESTRATION AREA (F _A)		= 2019 SF	



3 WEST WALL DIAGRAM
SCALE: 1/16" = 1' 0"

WALL TAG	WALL TYPE	AREA (SF)	
C	C	2823 SF (W _c)	
D	D	1332 SF (W _d)	
F	F	36 SF (W _f)	
G	G	398 SF (W _g)	
H	H	222 SF (W _h)	
TOTAL AREA (W _A)		= 4811 SF	
WIN. TAG	# OF UNITS	AREA (SF)	TOTAL AREA (SF)
W7	1	46	46
W13	1	68	68
D	1	26	26
TOTAL FENESTRATION TYPE W (F _w)		= 114 SF	
TOTAL FENESTRATION TYPE D (F _d)		= 26 SF	
TOTAL FENESTRATION AREA (F _A)		= 140 SF	



4 EAST WALL DIAGRAM
SCALE: 1/16" = 1' 0"

WALL TAG	WALL TYPE	AREA (SF)	
C	C	2823 SF (W _c)	
D	D	1332 SF (W _d)	
G	G	398 SF (W _g)	
H	H	222 SF (W _h)	
TOTAL AREA (W _A)		= 4775 SF	
WIN. TAG	# OF UNITS	AREA (SF)	TOTAL AREA (SF)
W14	1	76	76
TOTAL FENESTRATION TYPE W (F _w)		= 93 SF	

LOCATION	WALL TYPE A (SF)	WALL TYPE B (SF)	WALL TYPE C (SF)	WALL TYPE D (SF)	WALL TYPE E (SF)	WALL TYPE F (SF)	WALL TYPE G (SF)	WALL TYPE H (SF)	WALL TYPE K (SF)
	OPAQUE								
FRONT (NORTH) WALL	1505 SF	32 SF	0 SF	0 SF	352 SF	0 SF	493 SF	0 SF	110 SF
EAST WALL	0 SF	0 SF	2823 SF	1332 SF	0 SF	0 SF	398 SF	222 SF	0 SF
REAR (SOUTH) WALL	0 SF	34 SF	0 SF	89 SF	0 SF	2273 SF	0 SF	0 SF	0 SF
WEST WALL	0 SF	0 SF	2823 SF	1332 SF	0 SF	36 SF	398 SF	222 SF	0 SF
TOTAL OPAQUE WALL NET AREA (O_A)	1505 SF	66 SF	5646 SF	2753 SF	352 SF	2273 SF	1289 SF	444 SF	110 SF
TOTAL FENESTRATION AREA (F_A)	1841 SF	0 SF	144 SF	0 SF	0 SF	2019 SF	46 SF	0 SF	105 SF
TOTAL OPAQUE WALL GROSS AREA (O_A + F_A)	3346 SF	66 SF	5790 SF	2753 SF	352 SF	4328 SF	1289 SF	444 SF	215 SF

AREA CALCULATION SUMMARY - WALLS BELOW GRADE		
LOCATION	WALL TYPE G	NOTES
FRONT WALL	493	
EAST WALL	398	
WEST WALL	398	
LOCATION	WALL TYPE H	NOTES
EAST WALL	398	
WEST WALL	398	
LOCATION	WALL TYPE F	NOTES
REAR WALL	398	
TOTAL BELOW GRADE WALL GROSS AREA	2483	

TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGEMENT THIS BUILDING COMPLIES WITH 2014 NYCECC

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ARCHITECT OF RECORD

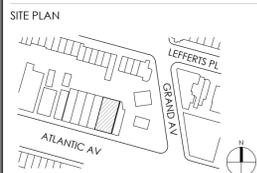
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PROJECT No: 1501

1 DOB REVIEW 12/31/15
1 ISSUED FOR DOB FILING 08/06/15
REV. DATE

DRAWING TITLE:

ENERGY ANALYSIS

DATE: 12/31/2015

SCALE: AS NOTED

DRAWN BY: JD, MT

CHECKED BY: JD

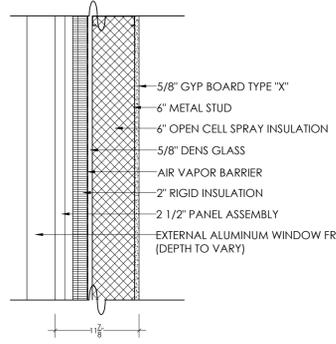
DRAWING NO: 16 OF 43

SHEET: **EN-100.00**



WALL TYPE A - 11-7/8" THICK	
ELEMENT	R-VALUE (F-H2-hr/BTU)
OUTSIDE AIR	0.17
PANEL SYSTEM	
2" POLYSTYRENE INSULATION	13.0 [6.5/IN.]
5/8" DENS GLASS SHEATHING	0.67
6" OPEN CELL SPRAY INSULATION	22.2 [3.7/IN.]
5/8" GYP BOARD	0.56
INSIDE AIR	0.68
TOTAL	37.28

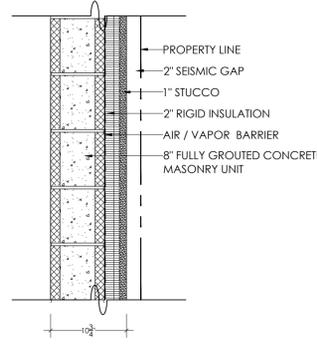
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1 SECTION DETAIL @WALL 'A'
 SCALE: 1" = 1'0"

WALL TYPE B - 10-3/4" THICK	
ELEMENT	R-VALUE (F-H2-hr/BTU)
OUTSIDE AIR	0.17
1" STUCCO	0.08
2" POLYSTYRENE INSULATION	13.0 [6.5/IN.]
8" CONCRETE MASONRY UNIT	1.11
INSIDE AIR	0.68
TOTAL	15.04

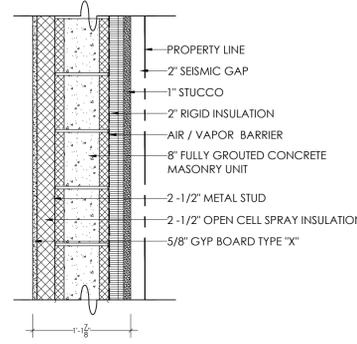
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2 SECTION DETAIL @WALL 'B'
 SCALE: 1" = 1'0"

WALL TYPE C - 13-7/8" THICK	
ELEMENT	R-VALUE (F-H2-hr/BTU)
OUTSIDE AIR	0.17
1" STUCCO	0.08
2" POLYSTYRENE INSULATION	13.0 [6.5/IN.]
8" CONCRETE MASONRY UNIT	1.11
2.5" OPEN CELL SPRAY INSULATION	7.4 [3.7/IN.]
5/8" GYP BOARD	0.56
INSIDE AIR	0.68
TOTAL	23.0

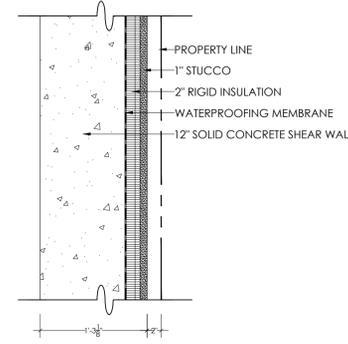
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3 SECTION DETAIL @WALL 'C'
 SCALE: 1" = 1'0"

WALL TYPE D - 17-1/8" THICK	
ELEMENT	R-VALUE (F-H2-hr/BTU)
OUTSIDE AIR	0.17
1" STUCCO	0.08
2" POLYSTYRENE INSULATION	13.0 [6.5/IN.]
12" POURED CONCRETE WALL	0.84 [0.07/IN.]
INSIDE AIR	0.68
TOTAL	14.77

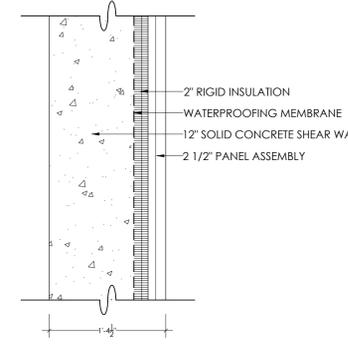
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4 SECTION DETAIL @WALL 'D'
 SCALE: 1" = 1'0"

WALL TYPE E - 16-1/2" THICK	
ELEMENT	R-VALUE (F-H2-hr/BTU)
OUTSIDE AIR	0.17
1" STUCCO	0.08
2" POLYSTYRENE INSULATION	13.0 [6.5/IN.]
12" POURED CONCRETE WALL	0.84 [0.07/IN.]
INSIDE AIR	0.68
TOTAL	14.69

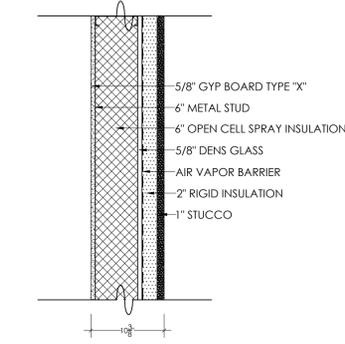
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 = **PASSES**



5 SECTION DETAIL @WALL 'E'
 SCALE: 1" = 1'0"

WALL TYPE F - 10-3/8" THICK	
ELEMENT	R-VALUE (F-H2-hr/BTU)
OUTSIDE AIR	0.17
1" STUCCO	0.08
2" POLYSTYRENE INSULATION	13.0 [6.5/IN.]
5/8" DENS GLASS SHEATHING	0.67
6" OPEN CELL SPRAY INSULATION	22.2 [3.7/IN.]
5/8" GYP BOARD	0.56
INSIDE AIR	0.68
TOTAL	37.36

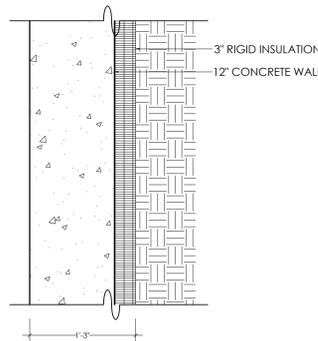
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 = **PASSES**



6 SECTION DETAIL @WALL 'F'
 SCALE: 1" = 1'0"

WALL TYPE G - 14-1/8" THICK	
ELEMENT	R-VALUE (F-H2-hr/BTU)
3" POLYSTYRENE INSULATION	19.5 [6.5/IN.]
12" POURED CONCRETE WALL	0.84 [0.07/IN.]
INSIDE AIR	0.68
TOTAL	21.02

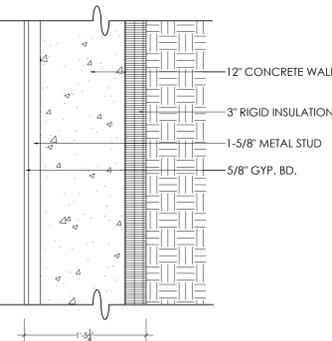
U FACTOR = **0.048**
 REQUIRED BY CODE = **0.064**
 = **PASSES**



7 SECTION DETAIL @WALL 'G'
 SCALE: 1" = 1'0"

WALL TYPE H - 17-1/4" THICK	
ELEMENT	R-VALUE (F-H2-hr/BTU)
OUTSIDE AIR	0.17
3" POLYSTYRENE INSULATION	19.50
12" POURED CONCRETE WALL	0.84 [0.07/IN.]
2" OPEN CELL SPRAY INSULATION	7.40 [3.7/IN.]
5/8" GYP BOARD	0.56
INSIDE AIR	0.68
TOTAL	21.15

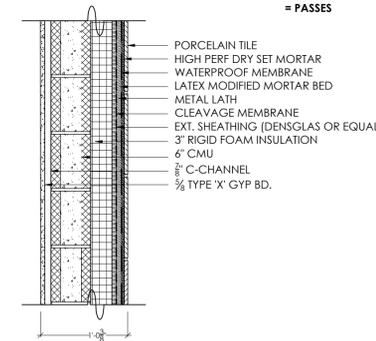
U FACTOR = **0.034**
 REQUIRED BY CODE = **0.09**
 = **PASSES**



8 SECTION DETAIL @WALL 'H'
 SCALE: 1" = 1'0"

WALL TYPE K - 12-3/8" THICK	
ELEMENT	R-VALUE (F-H2-hr/BTU)
OUTSIDE AIR	0.17
PORCELAIN TILE	0.25
3/8" MORTAR	0.1
3/4" MORTAR BED	0.3
5/8" DENS GLASS SHEATHING	0.67
3" RIGID INSULATION	19.5 [6.5/IN.]
6" CONCRETE MASONRY UNIT	0.96
5/8" GYP BOARD	0.56
INSIDE AIR	0.68
TOTAL	23.19

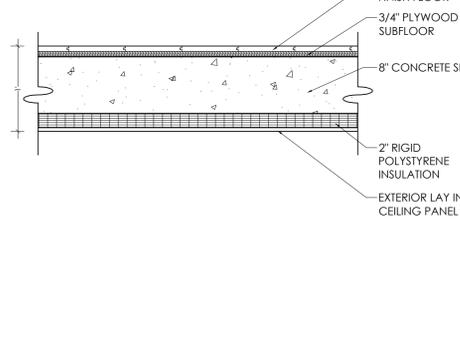
U FACTOR = **0.043**
 REQUIRED BY CODE = **0.064**
 = **PASSES**



9 SECTION DETAIL @WALL 'K'
 SCALE: 1" = 1'0"

RESIDENTIAL FLOOR OVER UNCONDITIONED SPACE	
ELEMENT	R-VALUE (F-H2-hr/BTU)
INSIDE AIR	0.68
3/4" HARDWOOD FINISH FLOOR	0.68
3/4" PLYWOOD SUBFLOOR	1.08
8" POURED CONCRETE WALL	0.56 [0.07/IN.]
2" POLYSTYRENE INSULATION	13.0 [6.5/IN.]
5/8" GYP BOARD	0.56
OUTSIDE AIR	0.17
TOTAL	17.63

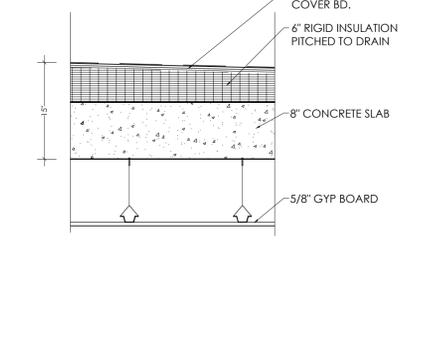
U FACTOR = **0.056**
 REQUIRED BY CODE = **0.74**
 = **PASSES**



10 SECTION DETAIL @FLOOR TYPE 'B'
 SCALE: 1" = 1'0"

ROOF ASSEMBLY	
ELEMENT	R-VALUE (F-H2-hr/BTU)
OUTSIDE AIR	0.17
6" POLYSTYRENE INSULATION	30 [5/IN.]
8" POURED CONCRETE SLAB	4.16 [0.52/IN.]
5/8" SUSPENDED GYP. CEILING	1.08
INSIDE AIR	0.68
TOTAL	36.09

U FACTOR = **0.027**
 REQUIRED BY CODE = **0.048**
 = **PASSES**



11 SECTION DETAIL @ROOF TYPE 'A'
 SCALE: 1" = 1'0"

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ARCHITECT OF RECORD

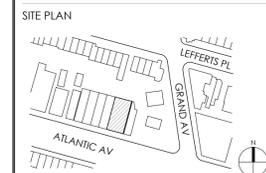
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PROJECT No: 1501

1 DOB REVIEW 12/31/15
 1 ISSUED FOR DOB FILING 08/06/15
 REV. DATE

DRAWING TITLE:

ENERGY ANALYSIS

DATE: 12/31/2015

SCALE: AS NOTED

DRAWN BY: JD, MT

CHECKED BY: JD

DRAWING NO: 17 OF 43

SHEET: **EN-101.00**



TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGEMENT THIS BUILDING COMPLIES WITH 2014 NYCECC

FRONT WALL

U FACTOR WEIGHTED AVERAGE OF OPAQUE WALL ASSEMBLIES								
WALL LOCATION	COMPONENT DESCRIPTION	AREA (SF)	R-VALUE		U FACTOR		UA (U * AREA)	
			CODE REG. PROPOSED	CODE REG. PROPOSED	CODE REG. PROPOSED	PROPOSED	CODE REG. PROPOSED	PROPOSED
	TYPE A - OPAQUE	1505		37.28	0.064	0.026	96.32	39.13
	TYPE B - OPAQUE	32		15.04	0.09	0.066	2.88	2.112
	TYPE E - OPAQUE	352		14.69	0.09	0.068	31.68	23.936
	TYPE G - OPAQUE	493		21.02	0.064	0.048	31.552	23.664
	TYPE K - OPAQUE	110		23.19	0.064	0.043	7.04	4.73
TOTAL		2492					169.472	93.572

WEST WALL

U FACTOR WEIGHTED AVERAGE OF OPAQUE WALL ASSEMBLIES								
WALL LOCATION	COMPONENT DESCRIPTION	AREA (SF)	R-VALUE		U FACTOR		UA (U * AREA)	
			CODE REG. PROPOSED	CODE REG. PROPOSED	CODE REG. PROPOSED	PROPOSED	CODE REG. PROPOSED	PROPOSED
	TYPE C - OPAQUE	2823		23	0.09	0.043	254.07	121.389
	TYPE D - OPAQUE	1332		14.77	0.09	0.068	119.88	90.576
	TYPE G - OPAQUE	398		21.02	0.064	0.048	25.472	19.104
	TYPE H - OPAQUE	222		21.15	0.09	0.034	19.98	7.548
TOTAL		4775					419.402	238.617

REAR WALL

U FACTOR WEIGHTED AVERAGE OF OPAQUE WALL ASSEMBLIES								
WALL LOCATION	COMPONENT DESCRIPTION	AREA (SF)	R-VALUE		U FACTOR		UA (U * AREA)	
			CODE REG. PROPOSED	CODE REG. PROPOSED	CODE REG. PROPOSED	PROPOSED	CODE REG. PROPOSED	PROPOSED
	TYPE B - OPAQUE	34		15.04	0.09	0.066	3.06	2.244
	TYPE D - OPAQUE	89		14.77	0.09	0.068	8.01	6.052
	TYPE F - OPAQUE	2273		37.36	0.064	0.026	145.472	59.098
TOTAL		2396					156.542	67.394

EAST WALL

U FACTOR WEIGHTED AVERAGE OF OPAQUE WALL ASSEMBLIES								
WALL LOCATION	COMPONENT DESCRIPTION	AREA (SF)	R-VALUE		U FACTOR		UA (U * AREA)	
			CODE REG. PROPOSED	CODE REG. PROPOSED	CODE REG. PROPOSED	PROPOSED	CODE REG. PROPOSED	PROPOSED
	TYPE C - OPAQUE	2823		23	0.09	0.043	254.07	121.389
	TYPE D - OPAQUE	1332		14.77	0.09	0.068	119.88	90.576
	TYPE G - OPAQUE	398		21.02	0.064	0.048	25.472	19.104
	TYPE H - OPAQUE	222		21.15	0.09	0.034	19.98	7.548
TOTAL		4775					419.402	238.617

TOTAL

U FACTOR WEIGHTED AVERAGE OF OPAQUE ASSEMBLIES				
LOCATION	COMPONENT DESCRIPTION	AREA (SF)	UA (U * AREA)	
			CODE REG. PROPOSED	PROPOSED
	Total Front Wall	2492	169.472	93.572
	Total East Wall	4775	419.402	238.617
	Total Rear Wall	2396	156.542	67.394
	Total West Wall	4775	419.402	238.617
TOTAL		14438	1164.818	638.2

AREA WEIGHTED AVERAGE U-VALUE (PROPOSED)
 (TOTAL UA) / (TOTAL OPAQUE AREA) = 349.5/994 = **0.044**

AREA WEIGHTED AVERAGE U-VALUE (REQ'D)
 (TOTAL UA) / (TOTAL OPAQUE AREA) = 815.01/994 = **0.081**

THE AREA WEIGHTED AVERAGE U-FACTOR OF ALL OPAQUE ABOVE-GRADE ASSEMBLIES SHALL BE NO GREATER THAN 80% OF THE AREA-WEIGHTED AVERAGE U-FACTOR DETERMINED BY USING THE PRESCRIBED REQUIREMENTS OF NYCECC;

$$\frac{\text{AREA-WEIGHTED AVERAGE U-VALUE (PROPOSED)}}{\text{AREA-WEIGHTED AVERAGE U-VALUE (REQ'D)}} \times 100 = \frac{0.044}{0.081} \times 100 = \mathbf{54.8\%} < 80\% \text{ COMPLIES}$$

FRONT WALL

U FACTOR WEIGHTED AVERAGE OF OPAQUE WALL ASSEMBLIES INCLUDING FENESTRATIONS								
WALL LOCATION	COMPONENT DESCRIPTION	AREA (SF)	R-VALUE		U FACTOR		UA (U * AREA)	
			CODE REG. PROPOSED	CODE REG. PROPOSED	CODE REG. PROPOSED	PROPOSED	CODE REG. PROPOSED	PROPOSED
	TYPE A - OPAQUE	1505		37.28	0.064	0.026	96.32	39.13
	TYPE B - OPAQUE	32		15.04	0.09	0.066	2.88	2.112
	TYPE E - OPAQUE	352		14.69	0.09	0.068	31.68	23.936
	TYPE G - OPAQUE	493		21.02	0.064	0.048	31.552	23.664
	TYPE K - OPAQUE	110		23.19	0.064	0.043	7.04	4.73
	WINDOWS	1632		2.04	0.45	0.49	734.4	799.68
	DOORS (NON ENTRANCE)	44		3.33	0.70	0.30	30.8	13.2
	DOORS (ENTRANCE)	61		2.70	0.77	0.37	46.97	22.57
TOTAL		4229					981.642	929.022

WEST WALL

U FACTOR WEIGHTED AVERAGE OF OPAQUE WALL ASSEMBLIES INCLUDING FENESTRATIONS								
WALL LOCATION	COMPONENT DESCRIPTION	AREA (SF)	R-VALUE		U FACTOR		UA (U * AREA)	
			CODE REG. PROPOSED	CODE REG. PROPOSED	CODE REG. PROPOSED	PROPOSED	CODE REG. PROPOSED	PROPOSED
	TYPE C - OPAQUE	2823		23	0.09	0.043	254.07	121.389
	TYPE D - OPAQUE	1332		14.77	0.09	0.068	119.88	90.576
	TYPE G - OPAQUE	398		21.02	0.064	0.048	25.472	19.104
	TYPE H - OPAQUE	222		21.15	0.09	0.034	19.98	7.548
TOTAL		4775					419.402	238.617

REAR WALL

U FACTOR WEIGHTED AVERAGE OF OPAQUE WALL ASSEMBLIES INCLUDING FENESTRATIONS								
WALL LOCATION	COMPONENT DESCRIPTION	AREA (SF)	R-VALUE		U FACTOR		UA (U * AREA)	
			CODE REG. PROPOSED	CODE REG. PROPOSED	CODE REG. PROPOSED	PROPOSED	CODE REG. PROPOSED	PROPOSED
	TYPE B - OPAQUE	34		15.04	0.09	0.066	3.06	2.244
	TYPE D - OPAQUE	89		14.77	0.09	0.068	8.01	6.052
	TYPE F - OPAQUE	2273		37.36	0.064	0.026	145.472	59.098
	WINDOWS	1681		2.04	0.45	0.49	756.45	823.69
	DOORS (NON-ENTRANCE)	338		3.33	0.70	0.30	236.6	101.4
TOTAL		4415					1149.592	992.484

EAST WALL

U FACTOR WEIGHTED AVERAGE OF OPAQUE WALL ASSEMBLIES INCLUDING FENESTRATIONS								
WALL LOCATION	COMPONENT DESCRIPTION	AREA (SF)	R-VALUE		U FACTOR		UA (U * AREA)	
			CODE REG. PROPOSED	CODE REG. PROPOSED	CODE REG. PROPOSED	PROPOSED	CODE REG. PROPOSED	PROPOSED
	TYPE C - OPAQUE	2823		23	0.09	0.043	254.07	121.389
	TYPE D - OPAQUE	1332		14.77	0.09	0.068	119.88	90.576
	TYPE G - OPAQUE	398		21.02	0.064	0.048	25.472	19.104
	TYPE H - OPAQUE	222		21.15	0.09	0.034	19.98	7.548
TOTAL		4775					419.402	238.617

TOTAL

U FACTOR WEIGHTED AVERAGE OF OPAQUE ASSEMBLIES INCLUDING FENESTRATIONS			
LOCATION	COMPONENT DESCRIPTION	AREA (SF)	UA (U * AREA)
			CODE REG. PROPOSED
	Total Front Wall	4229	981.642
	Total East Wall	4775	419.402
	Total Rear Wall	4415	1149.592
	Total West Wall	4775	419.402
TOTAL		18194	2970.038

AREA WEIGHTED AVERAGE U-VALUE (PROPOSED)
 (TOTAL UA) / (TOTAL OPAQUE AREA) = 1237.812/11872 = **0.132**

AREA WEIGHTED AVERAGE U-VALUE (REQ'D)
 (TOTAL UA) / (TOTAL OPAQUE AREA) = 1754.808/11872 = **0.163**

THE AREA WEIGHTED AVERAGE U-FACTOR OF ALL OPAQUE ABOVE-GRADE ASSEMBLIES SHALL BE NO GREATER THAN 90% OF THE AREA-WEIGHTED AVERAGE U-FACTOR DETERMINED BY USING THE PRESCRIBED REQUIREMENTS OF NYCECC

$$\frac{\text{AREA-WEIGHTED AVERAGE U-VALUE (PROPOSED)}}{\text{AREA-WEIGHTED AVERAGE U-VALUE (REQ'D)}} \times 100 = \frac{0.132}{0.163} \times 100 = \mathbf{80.8\%} < 90\% \text{ COMPLIES}$$

TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGEMENT THIS BUILDING COMPLIES WITH 2014 NYCECC

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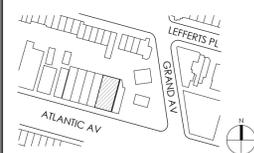
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MECHANICAL ENGINEER

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SITE PLAN



PROJECT No: 1501

1 DOB REVIEW 12/31/15
 1 ISSUED FOR DOB FILING 08/06/15
 REV. DATE

DRAWING TITLE:

WEIGHTED AVERAGE U-VALUES

DATE: 12/31/2015

SCALE: AS NOTED

DRAWN BY: JD, MT

CHECKED BY: JD

DRAWING NO: 17 OF 43

SHEET: **EN-102.00**

SEAL & SIGNATURE

PROJECT:

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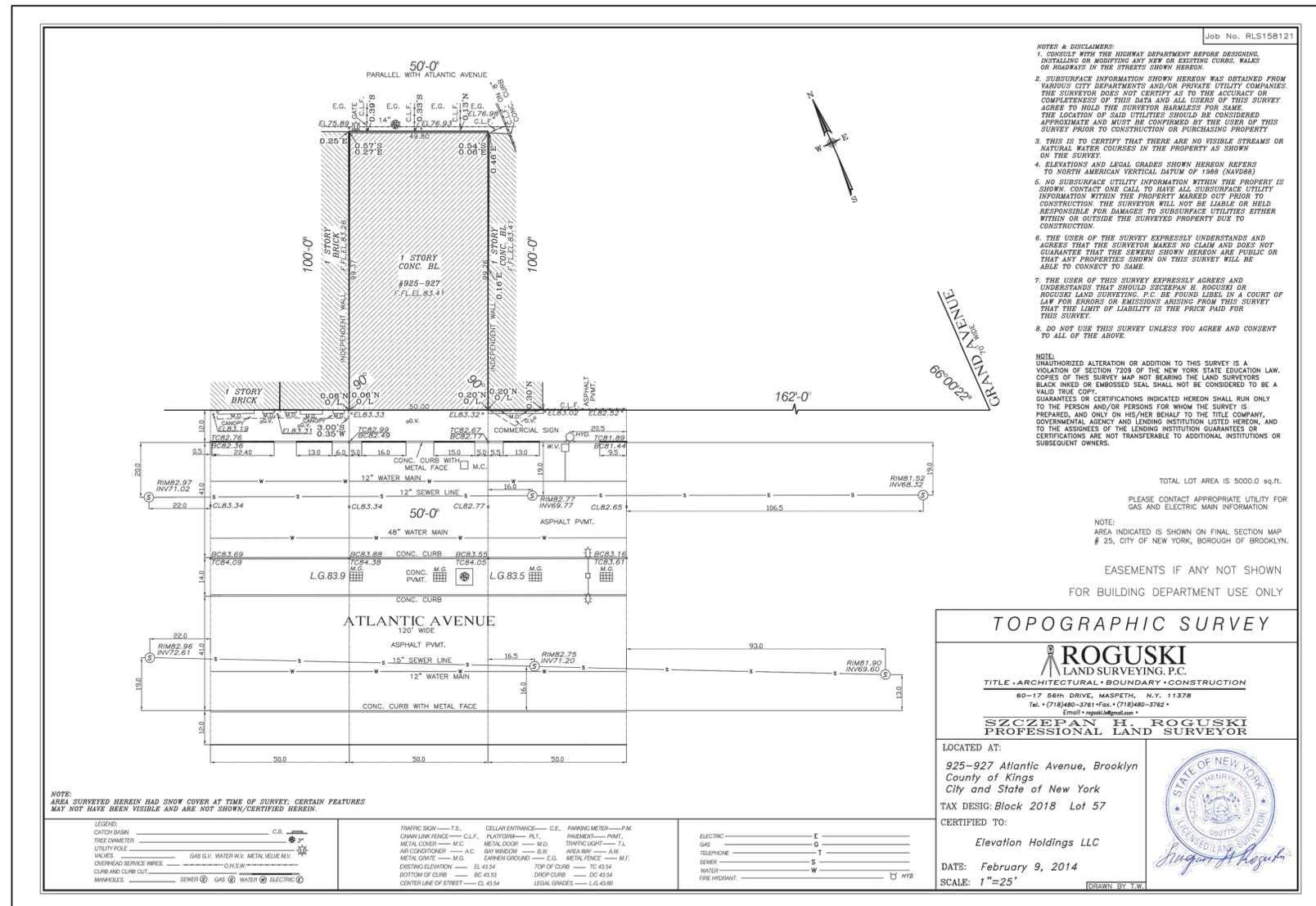
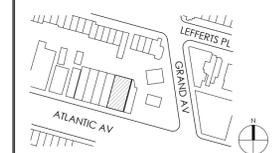
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SITE PLAN



1 SITE SURVEY
SCALE: NTS

NOTE: SURVEY IS PROVIDED FOR INFORMATION ONLY. ARCHITECT AND SUB-CONSULTANTS ARE NOT RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF INFORMATION CONTAINED IN THE SURVEY PREPARED BY OTHERS.

PROJECT No: 1501

1 DOB REVIEW 12/31/15
1 ISSUED FOR DOB FILING 08/06/15
REV. DATE

DRAWING TITLE:

SITE SURVEY

DATE: 12/31/2015

SCALE: AS NOTED

DRAWN BY: JD, MT

CHECKED BY: JD

DRAWING NO: 18 OF 43

SHEET: R-101.00

SEAL & SIGNATURE OF ARCHITECT



ABBREVIATIONS

STANDARD ABBREVIATIONS :			
AC.	AIR CONDITIONING	F.A.F.	FACTORY APPLIED FINISH
ACCES.	ACCESSIBLE	F.A.I.	FRESH AIR INTAKE
ACCUS.	ACOUSTICAL	FB.	FLOOR DRAIN
ACT.	ACOUSTICAL CEILING TILE	F.D.	FOUNDATION
AD.	ACCESS DOOR	FDN.	FIRE EXTINGUISHER
ADJ.	ADJACENT	F.E.	FIRE EXTINGUISHER CABINET
A.F.F.	ABOVE FINISHED FLOOR	F.E.C.	FINISHED FLOOR
A.F.L.	ACCESS FLOORING	F.F.	FIRE HYDRANT
A.H.U.	AIR HANDLING UNIT	F.H.	FIRE HOSE & EXTINGUISHER CABINET
AGG.	AGGREGATE	F.H.E.C.	FIRE HOSE CABINET
ALT.	ALTERNATE	F.H.C.	FINISH
AL. ALUM.	ALUMINUM	FIN.	FLOOR
ANOD.	ANODIZED	FL.	FLASHING
APPD.	APPROXIMATE	FLASH.	FLUORESCENT
APPY.	ARCHITECTURAL	FLUOR.	FIBER OPTIC
ARCH.	ARCHITECTURAL	F.O.	FACE OF BUILDING
AR. D.	AREA DRAIN	F.O.B.	FACE OF CONCRETE
ASPH.	ASPHALT	F.O.C.	FIREPROOFING
A.S.T.M.	AMERICAN SOCIETY FOR TESTING MATERIALS	F.P.	FIREPROOF-SELF-CLOSING
AUTO	AUTOMATIC	F.P.S.C.	FREEZE PROOF WALL HYDRANT
BALC.	BALCONY	F.P.W.H.	FIRE RATING
B/C	BOTTOM OF CURB	F.R.	FIRE RETARDANT TREATED
B.CS.	BRICK COURSE	F.S.	FLOOR SINK
BD.	BOARD	F.T.	FOOT
BET.	BETWEEN	FTG.	FOOTING
BIT.	BITUMINOUS	FURR.	FURRING
B.L.	BUILDING LINE	FUT.	FUTURE
BLDG.	BUILDING		
BLK.	BLOCK		
BLKG.	BLOCKING	G.	GAS
BM.	BEAM	GA.	GAUGE
BOT.	BOTTOM	GALV.	GALVANIZED
BRG.	BEARING	G.B.	GRAB BAR
BRK.	BRICK	GBL.	GLAZED BLOCK
BRKT.	BRACKET	G.C.	GENERAL CONTRACTOR
B.S.	BRICK SHELF	GEN.	GENERAL
BSMT.	BASEMENT	G.I.	GALVANIZED IRON
BTU	BRITISH THERMAL UNIT	GL.	GLASS
BU.R.	BUILT-UP ROOF	G.W.B.	GYPSPUM WALL BOARD
		G.W.T.	GLAZED WALL TILE
		GYP.	GYPSPUM
C.	CONDUIT		
CAB.	CABINET	H.B.	HOSE BIB
CAT.	CATALOG CATEGORY	HC.	HOLLOW CORE
C.B.	CATCH BASIN	HOL.C.	HOLLOW CORE
CBD.	CHALKBOARD	HDR.	HEADER
C.D.	CEILING DIFFUSER	HDW.	HARDWARE
CEM.	CEMENT	HD.WD.	HARDWOOD
CER.	CERAMIC	H.M.	HOLLOW METAL
C.G.	CORNER GUARD	HOR.	HORIZONTAL
C.H.	CEILING HEIGHT	H.P.	HIGH POINT
C.I.	CAST IRON	H.R.	HANDRAIL
C.J.	CONTROL JOINT	HR.	HOUR
CK.BD.	CHALKBOARD	HT.	HEIGHT
CL.	CENTER LINE	HTG.	HEATING
CL.D.	CLOTHES DRYER	HTR.	HEATER
CL.G.	CEILING	H.V.A.C.	HEATING, VENTILATING, AIR CONDITIONING
C.L.L.	CONTRAT LIMIT LINE		
CLOS.	CLOSET		
CLR.	CLEARANCE	I.D.	INSIDE DIAMETER
CL.W.	CLOTHES WASHER	I.E.	INCH
CM.	CENTIMETER	INC.	INCANDESCENT
C.M.T.	CERAMIC MOSAIC TILE	INCAN.	INCANDESCENT
C.M.U.	CONCRETE MASONRY UNIT	INCL.	INCLUSIVE
C.O.	CLEAN OUT	INSUL.	INSULATION
COL.	COLUMN	INT.	INTERMEDIATE
CONC.	CONCRETE	INT.	INTERMEDIATE
COND.	CONDENSATE(ER,ING,ATION)	INVT.	INVERT
CONN.	CONNECTION	J.B.	JUNCTION BOX
CONST.	CONSTRUCTION	J.C.	JANITOR'S CLOSET
CONT.	CONTINUOUS	JT.	JOINT
CONTR.	CONTRACTOR	L.	LABORATORY
CONV.	CONVECTOR	LAM.	LAMINATED
COORD.	COORDINATE	LAV.	LAVATORY
CORR.	CORRIDOR	LBS.	POUNDS
CRS.	COURSE	L.C.C.	LEAD COATED COPPER
CRT.	CARPET	LH.	LEFT HAND
C.R.	CEILING REGISTER	LI.	LINEN
C.S.	CEMENT SEALER	LL.	LIVE LOAD
C.T.	CERAMIC TILE	LL.H.	LONG LEG HORIZONTAL
CTSK.	COUNTERSUNK	LL.V.	LONG LEG VERTICAL
CU.	CUBIC	L.M.F.	LIGHT GAUGE METAL FRAMING
C.W.	COLD WATER	LONG.	LONGITUDINAL
C.W.R.	CHILLED WATER RETURN	L.P.	LOW POINT
		LT.WT.	LIGHT WEIGHT
D.	DRAIN	M.	METER
DBL.	DOUBLE	MACH.	MACHINE
D.E.F.S.	DIRECT APPLIED EXTERIOR FINISH SYSTEM	MAINT.	MAINTENANCE
DEMO	DEMOLITION	MAR.	MARBLE
DEP.	DEPRESSED	MAS.	MASONRY
DEPT.	DEPARTMENT	MAT.	MATERIAL
DET.	DETAIL	MAX.	MAXIMUM
D.H.	DOUBLE HUNG	MECH.	MECHANICAL
D.F.	DRINKING FOUNTAIN	MED.	MEDIUM
D.J.	DROP INLET	MEMB.	MEMBRANE
DIA.	DIAMETER	MET.	METAL
DIA.G.	DIAGONAL	MFR.	MANUFACTURER
DIM.	DIMENSION	M.H.	MANHOLE
DISP.	DISPENSER	MICRO.	MICROWAVE OVEN
DIV.	DIVISION	MIN.	MINIMUM
D.L.	DEAD LOAD	MISC.	MISCELLANEOUS
DN.	DOWN	MLD.	MOLDING
DOM.	DOMESTIC	MM.	MILLIMETER
DR.	DOOR	M.O.	MASONRY OPENING
D.R.B.	DOOR RELEASE BUTTON	MOD.	MODULAR
DW.	DISHWASHER	MTD.	MOUNTED
DWG.	DRAWING	MTG.	MOUNTING
		MIL	MATERIAL
EA.	EACH	N.I.C.	NOT IN CONTRACT
EC.	END CAP	NO.	NUMBER
E.F.	EXHAUST FAN	NOM.	NOMINAL
E.H.D.	ELECTRIC HAND DRYER	N.R.C.	NOISE REDUCTION COEFFICIENT
E.I.F.S.	EXTERIOR INSULATION & FINISH SYSTEM	N.T.S.	NOT TO SCALE
		NFPA	NATIONAL FIRE PROTECTION AGENCY
E.J.	EXPANSION JOINT		
EL.	ELEVATION		
ELEC.	ELECTRIC		
ELEV.	ELEVATOR		
EMER.	EMERGENCY		
EMR.	ELEV. MACHINE ROOM	OA.	OVERALL
ENCL.	ENCLOS(URE, ED)	O.C.	ON CENTER
ENT.	ENTRANCE	O.D.	OUTSIDE DIAMETER
E.P.	ELECTRICAL PANEL	O.H.	OPPOSITE HAND
E.P.D.M.	ETHYLENE PROPYLENE DIENE MONOMER	OPNG.	OPPOSITE
EQ.	EQUAL	OPP.	OPPOSITE
EQPM.	EQUIPMENT	OZ.	OUNCE
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		

SYMBOL LEGEND

	NEW CONCRETE WALL
	NEW 3-HOUR RATED WALL
	NEW 2-HOUR RATED PARTITION
	NEW 1 HR. RATED PARTITION
	APARTMENT IDENTIFICATION TAG
	ROOM IDENTIFICATION TAG
	OCCUPANCY NUMBER
	OCCUPANCY GROUP
	AREA TAG
	DOOR TAG
	PARTITION TYPE
	WINDOW TAG
	WALL SECTION
	BUILDING SECTION
	EXTERIOR ELEVATION
	ELEVATION TAG
	PLAN DETAIL
	INTERIOR ELEVATION
	SMOKE AND CARBON MONOXIDE DETECTOR
	EXIT SIGN / EMERGENCY LIGHTING
	EXHAUST FAN

SYMBOLS USED AS ABBREVIATIONS :

@	ANGLE
∩	AT
	CENTERLINE
∩	CHANNEL
#	DIAMETER
∩	NUMBER
∩	PERPENDICULAR
°	DEGREES
±	PLUS OR MINUS

ELEVATION TAG ABBREVIATIONS :

T.O.S	TOP OF SLAB
T.O.F	TOP OF FINISH
T.O.C.	TOP OF CURB
	BOTTOM OF CURB
	EXISTING TOP OF CURB
P.T.C.	PROPOSED BOTTOM OF CURB
E.B.C.	EXISTING BOTTOM OF CURB
	PROPOSED BOTTOM OF CURB
E.P.L	PROPOSED PROPERTY LINE
	EXISTING PROPERTY LINE

W.	WIDE, WIDTH
W/	WITH
W.C.	WATER CLOSET
WD.	WOOD
W/O	WITHOUT
W.O.	WINDOW OPENING
W.P.	WATERPROOFING
W.P.F.	WORKING POINT
W.SCT.	WAINSCOT
WT.	WEIGHT
W.W.F.	WELDED WIRE FABRIC

PROJECT:

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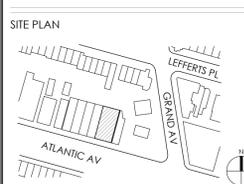
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1	DOB REVIEW	12/31/15
1	ISSUED FOR DOB FILING	08/06/15
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DRAWING TITLE:

SYMBOLS AND ABBREVIATIONS

DATE: 12/31/2015

SCALE: AS NOTED

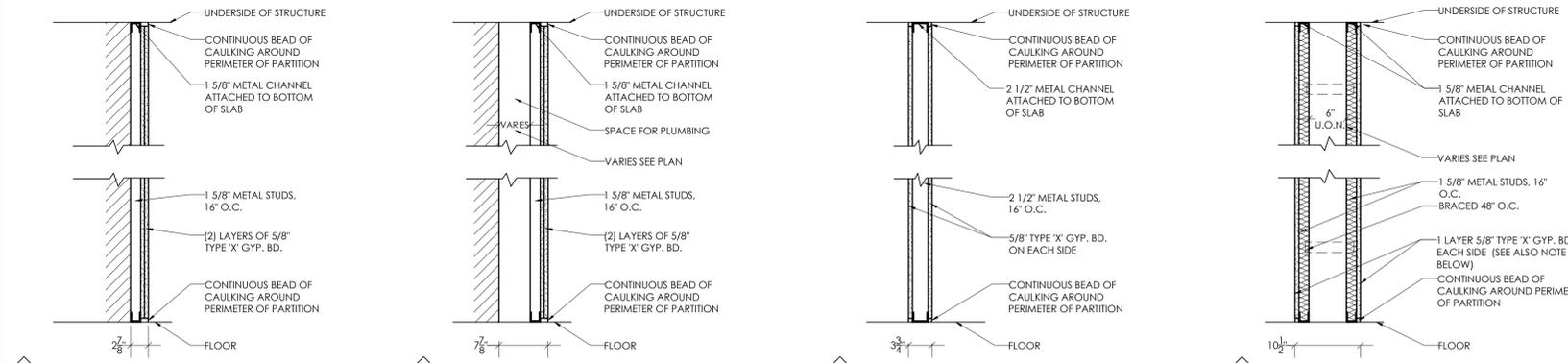
DRAWN BY: JD, MT

CHECKED BY: JD

DRAWING NO: 19 OF 43

SHEET: **A-001.00**



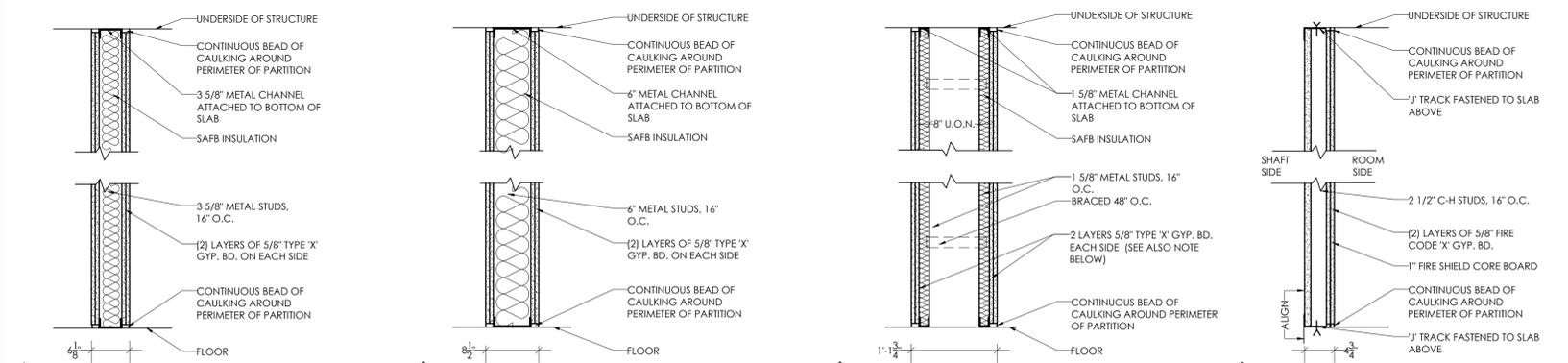


F3 FURRED WALL
 - USE MOLD & MOISTURE RESISTANT GYPSUM BOARD AT ALL BATHROOM AND KITCHEN WALLS
 - USE 5/8" BACKER BOARD AT ALL TUB SURROUNDS

F6 FURRED PLUMBING WALL
 - USE MOLD & MOISTURE RESISTANT GYPSUM BOARD AT ALL BATHROOM AND KITCHEN WALLS
 - USE 5/8" BACKER BOARD AT ALL TUB SURROUNDS

A2 NON RATED PARTITION WALL
 - USE MOLD & MOISTURE RESISTANT GYPSUM BOARD AT ALL BATHROOM AND KITCHEN WALLS
 - USE 5/8" BACKER BOARD AT ALL TUB SURROUNDS

A5 NON RATED PLUMBING CHASE
 - USE MOLD & MOISTURE RESISTANT GYPSUM BOARD AT ALL BATHROOM AND KITCHEN WALLS
 - USE 5/8" BACKER BOARD AT ALL TUB SURROUNDS

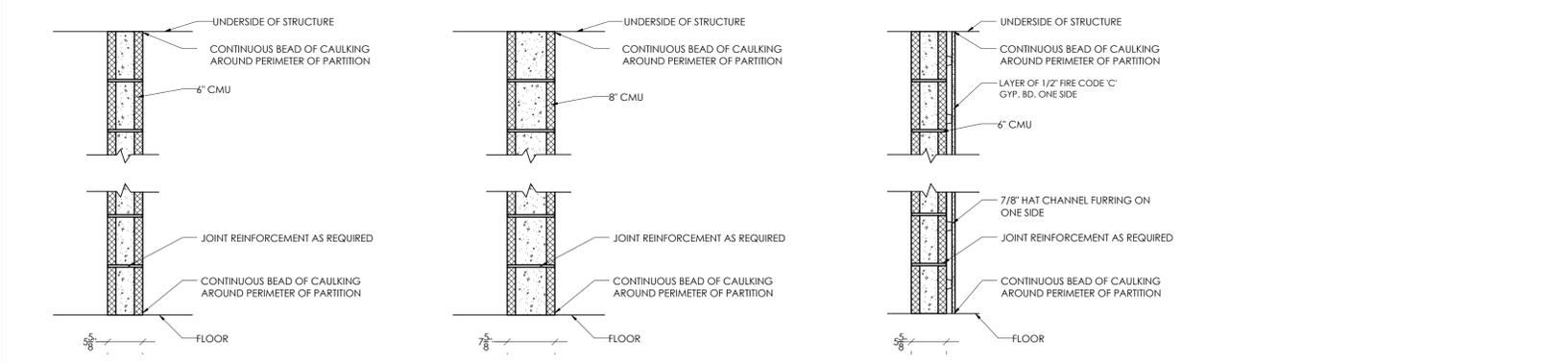


C2 2 HOUR RATED WALL - UL #U411, STC 55
 - USE MOLD & MOISTURE RESISTANT GYPSUM BOARD AT ALL BATHROOM AND KITCHEN WALLS
 - USE 5/8" BACKER BOARD AT ALL TUB SURROUNDS

C3 2 HOUR RATED WALL
 - USE MOLD & MOISTURE RESISTANT GYPSUM BOARD AT ALL BATHROOM AND KITCHEN WALLS
 - USE 5/8" BACKER BOARD AT ALL TUB SURROUNDS

C4 2 HOUR RATED PLUMBING CHASE - UL #U444, STC 59
 - USE MOLD & MOISTURE RESISTANT GYPSUM BOARD AT ALL BATHROOM AND KITCHEN WALLS
 - USE 5/8" BACKER BOARD AT ALL TUB SURROUNDS

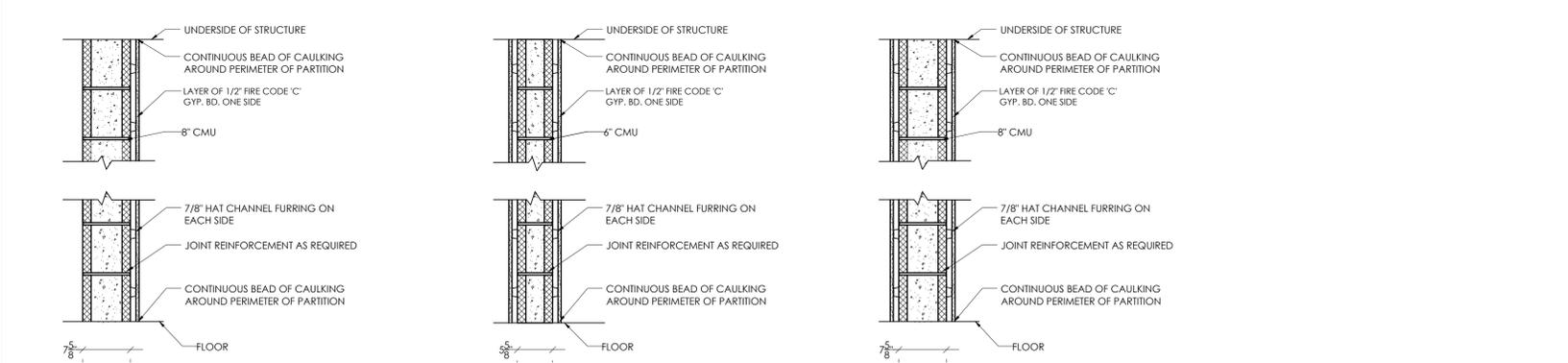
C6 2 HOUR RATED SHAFT WALL
 - USE MOLD & MOISTURE RESISTANT GYPSUM BOARD AT ALL BATHROOM AND KITCHEN WALLS
 - USE 5/8" BACKER BOARD AT ALL TUB SURROUNDS



D1 2HR HOUR RATED 6" CMU PARTITION
 - 6" CONCRETE MASONRY UNIT

D2 2 HOUR RATED 8" CMU PARTITION - UL #U906
 - 8" CONCRETE MASONRY UNIT

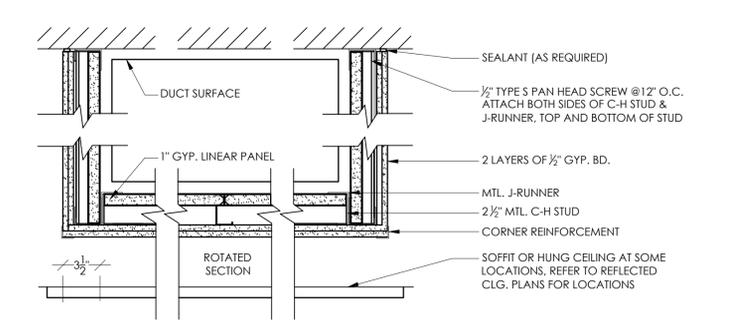
D3 2 HOUR RATED 6" CMU PARTITION, STC 50
 - 6" SOLID GROUTED CONCRETE MASONRY UNIT
 - 7/8" HAT CHANNEL FURRING ON EACH SIDE
 - 1 LAYER OF 1/2" FIRE CODE 'C' GYP. BD. ON EACH SIDE



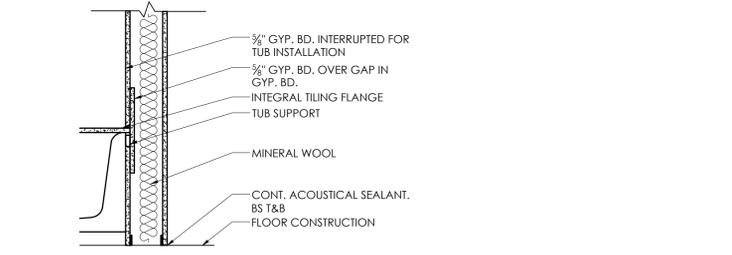
D4 3 HOUR RATED 8" CMU FURRED PARTITION
 - 8" CONCRETE MASONRY UNIT
 - 7/8" HAT CHANNEL FURRING ON EACH SIDE
 - 1 LAYER OF 1/2" FIRE CODE 'C' GYP. BD. ON EACH SIDE

D5 2 HOUR RATED 6" CMU FURRED PARTITION, STC 50, IIC = 59
 - 6" CONCRETE MASONRY UNIT
 - 7/8" HAT CHANNEL FURRING ON BOTH SIDE
 - 1 LAYER OF 1/2" FIRE CODE 'C' GYP. BD. ON EACH SIDE

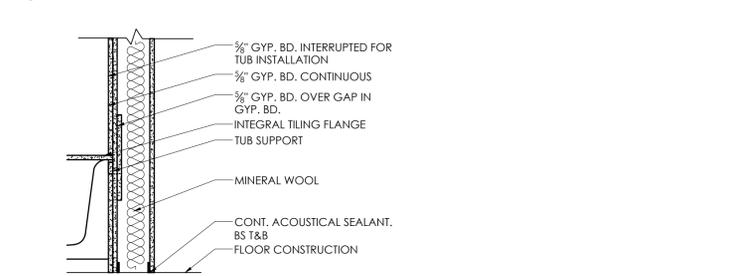
D6 3 HOUR RATED 8" CMU FURRED PARTITION, STC 50, IIC = 59
 - 6" CONCRETE MASONRY UNIT
 - 7/8" HAT CHANNEL FURRING ON BOTH SIDE
 - 1 LAYER OF 1/2" FIRE CODE 'C' GYP. BD. ON EACH SIDE



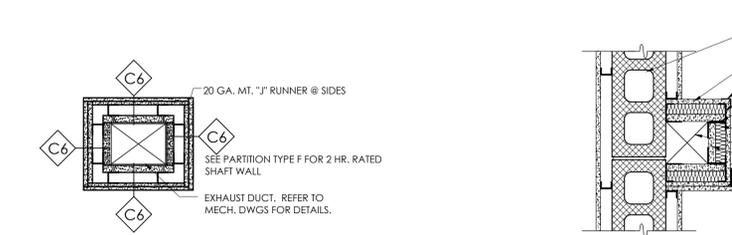
1 HORIZONTAL 2HR FIRE RATED DUCT ENCLOSURE
 SCALE: 1 1/2" = 1'-0"



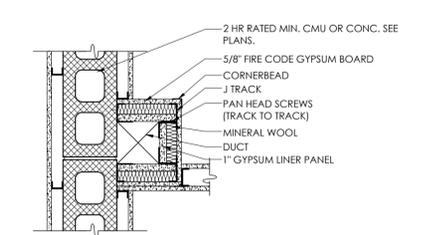
2 TUB FIRESTOPPING @ 1HR RATED PARTITION
 SCALE: 1" = 1'-0"



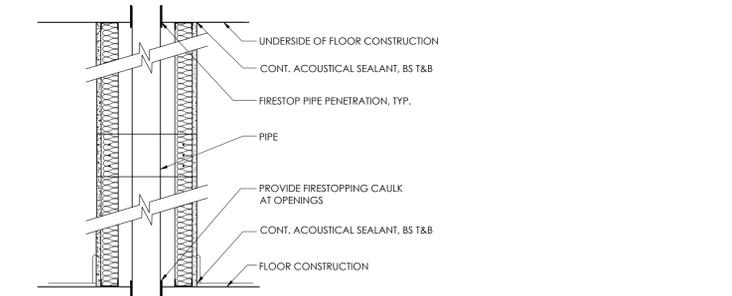
3 TUB FIRESTOPPING @ 2HR RATED PARTITION
 SCALE: 1" = 1'-0"



4 VERTICAL ENCLOSURE (2 HR. RATED)
 SCALE: 1" = 1'-0"



5 VERTICAL ENCLOSURE (2 HR. RATED)
 SCALE: 1" = 1'-0"



6 CHASE WALL FIRESTOPPING & ACOUSTICS - PLANK STRUCTURE
 SCALE: 1" = 1'-0"

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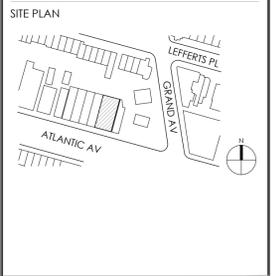
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1	DOB REVIEW	12/31/15
1	ISSUED FOR DOB FILING	08/06/15
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DRAWING TITLE:
 PARTITION TYPES

DATE: 12/31/2015
 SCALE: AS NOTED
 DRAWN BY: JD, MT
 CHECKED BY: JD
 DRAWING NO: 20 OF 43
 SHEET: **A-002.00**

SEAL & SIGNATURE

ROOM NUMBER	AREA SF	LIGHT REQUIRED SF (10%)
1A-STUDIO	224.6 SF	22.5 SF
1B-STUDIO	115.9 SF	11.6 SF
CYM	548 SF	54.8 SF

NOTE:
AS PER BC 1008.4.4, BUILDINGS CONTAINING EIGHT OR MORE DWELLING UNITS SHALL BE PROVIDED WITH AN INTERCOMMUNICATION SYSTEM LOCATED AT THE DOOR GIVING ACCESS TO THE MAIN ENTRANCE LOBBY

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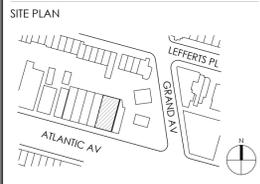
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PROJECT No: 1501

1 DOB REVIEW 12/31/15
1 ISSUED FOR DOB FILING 08/06/15
REV. DATE

DRAWING TITLE:

CELLAR AND GROUND FLOOR PLAN

DATE: 12/31/2015

SCALE: AS NOTED

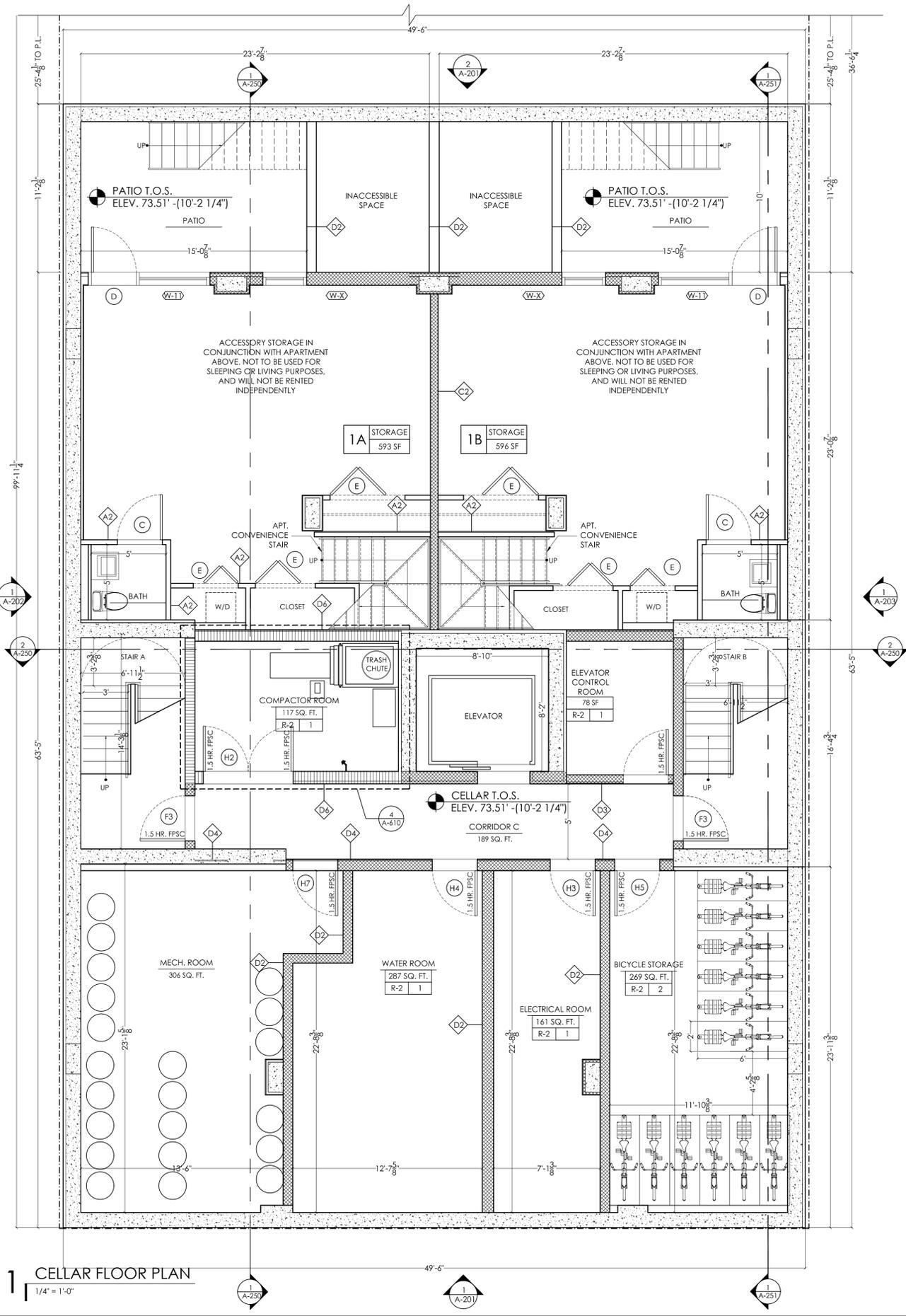
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CHECKED BY: JD

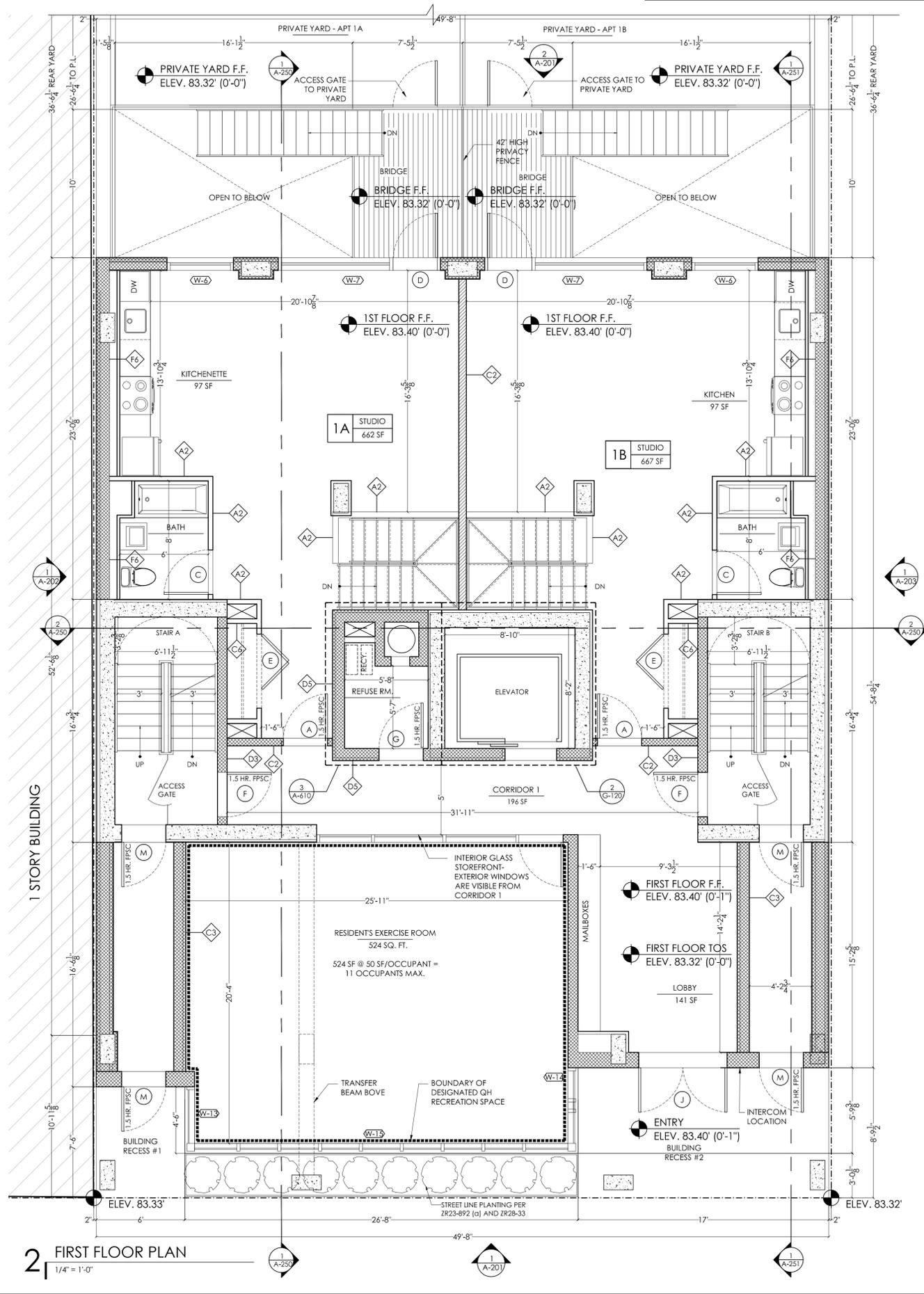
DRAWING NO: 21 OF 43

SHEET: **A-100.00**

SEAL & SIGNATURE
ROBERT J. ARCHER
REGISTERED ARCHITECT
NO. 026711
STATE OF NEW YORK



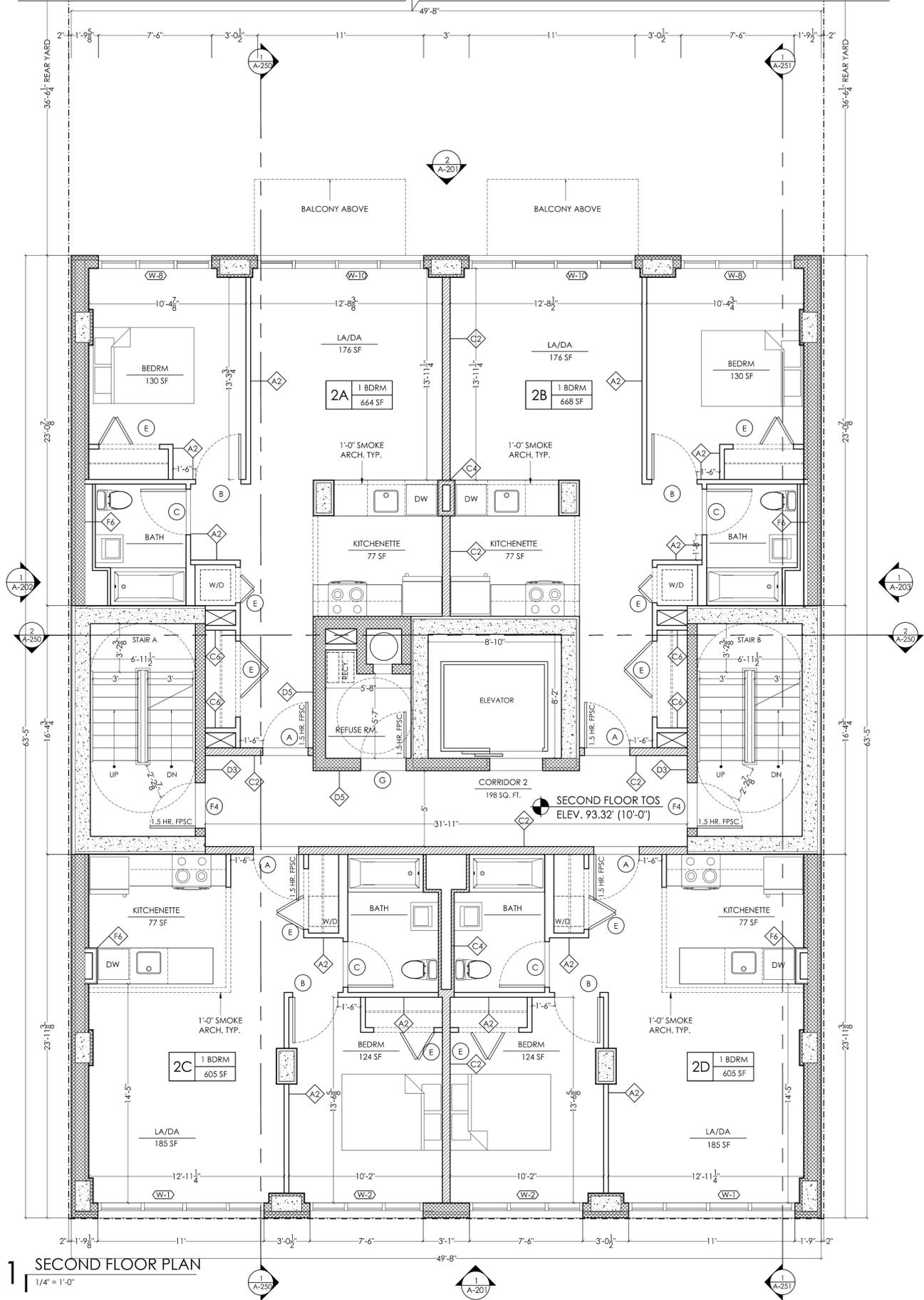
1 CELLAR FLOOR PLAN
1/4" = 1'-0"



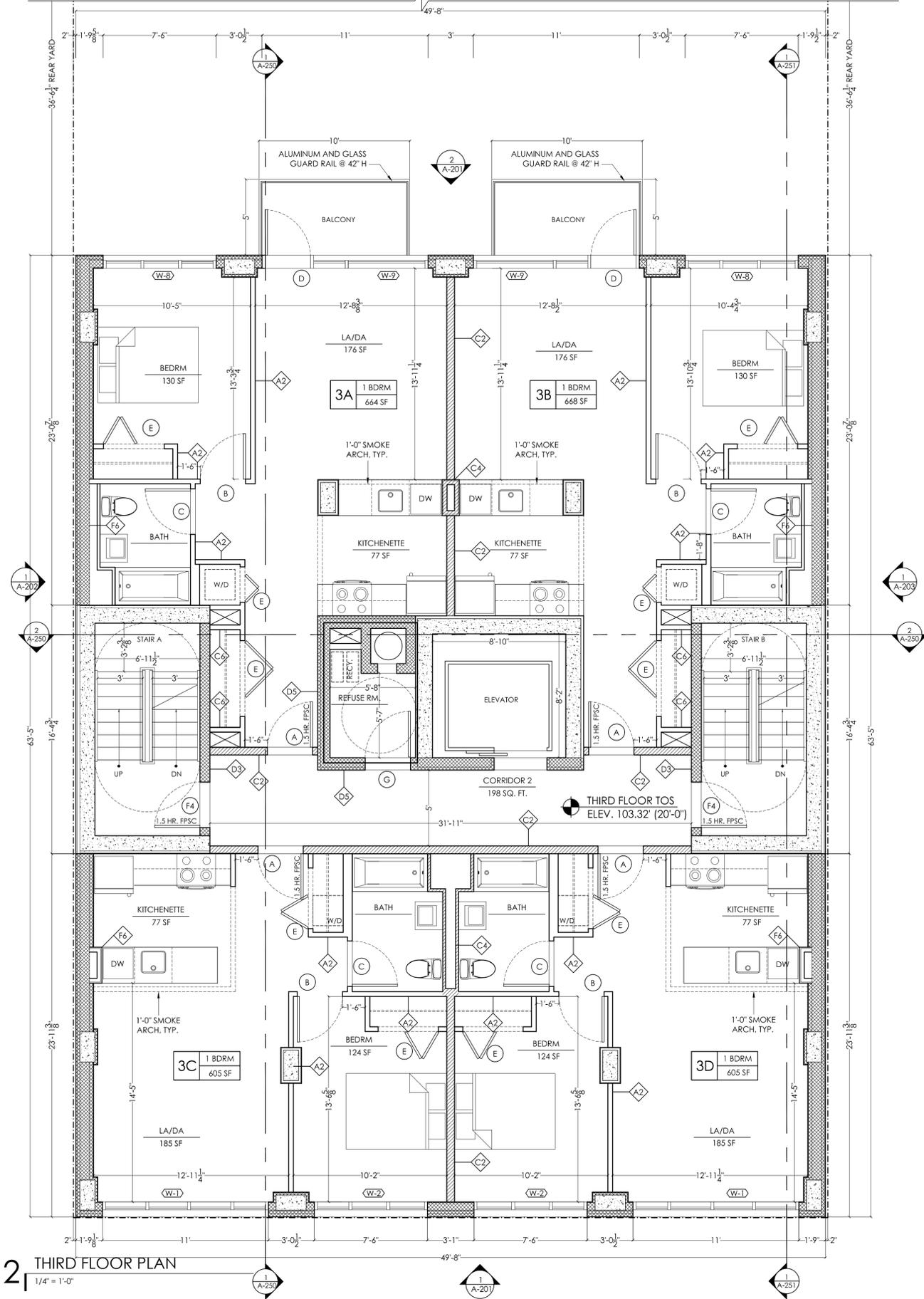
2 FIRST FLOOR PLAN
1/4" = 1'-0"

ROOM NUMBER	AREA SF	LIGHT REQUIRED SF (10%)	LIGHT PROVIDED SF	AIR REQUIRED SF (5%)	AIR PROVIDED SF
2A-LA/DA	182 SF	18.2 SF	52 SF	9.1 SF	14 SF
2A-BEDRM	130 SF	13.0 SF	30 SF	6.50 SF	14 SF
2B-LA/DA	182 SF	18.2 SF	52 SF	9.10 SF	14 SF
2B-BEDRM	130 SF	13.0 SF	30 SF	6.50 SF	14 SF
2C-LA/DA	185 SF	18.5 SF	66 SF	9.25 SF	14 SF
2C-BEDRM	124 SF	12.4 SF	44 SF	6.20 SF	14 SF
2D-LA/DA	185 SF	18.5 SF	66 SF	9.25 SF	14 SF
2D-BEDRM	124 SF	12.4 SF	44 SF	6.20 SF	14 SF

ROOM NUMBER	AREA SF	LIGHT REQUIRED SF (10%)	LIGHT PROVIDED SF	AIR REQUIRED SF (5%)	AIR PROVIDED SF
3A-LA/DA	182 SF	18.2 SF	44 SF	9.10 SF	14 SF
3A-BEDRM	130 SF	13.0 SF	41 SF	6.50 SF	14 SF
3B-LA/DA	182 SF	18.2 SF	44 SF	9.10 SF	14 SF
3B-BEDRM	130 SF	13.0 SF	41 SF	6.50 SF	14 SF
3C-LA/DA	185 SF	18.5 SF	66 SF	9.25 SF	14 SF
3C-BEDRM	124 SF	12.4 SF	44 SF	6.20 SF	14 SF
3D-LA/DA	185 SF	18.5 SF	66 SF	9.25 SF	14 SF
3D-BEDRM	124 SF	12.4 SF	44 SF	6.20 SF	14 SF



1 SECOND FLOOR PLAN
1/4" = 1'-0"



2 THIRD FLOOR PLAN
1/4" = 1'-0"

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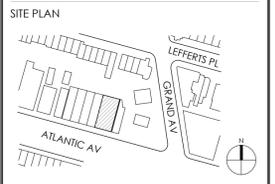
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1 ISSUED FOR DOB FILING 08/06/15
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DRAWING TITLE:

SECOND AND THIRD FLOOR PLAN

DATE: 12/31/2015

SCALE: AS NOTED

DRAWN BY: JD, MT

CHECKED BY: JD

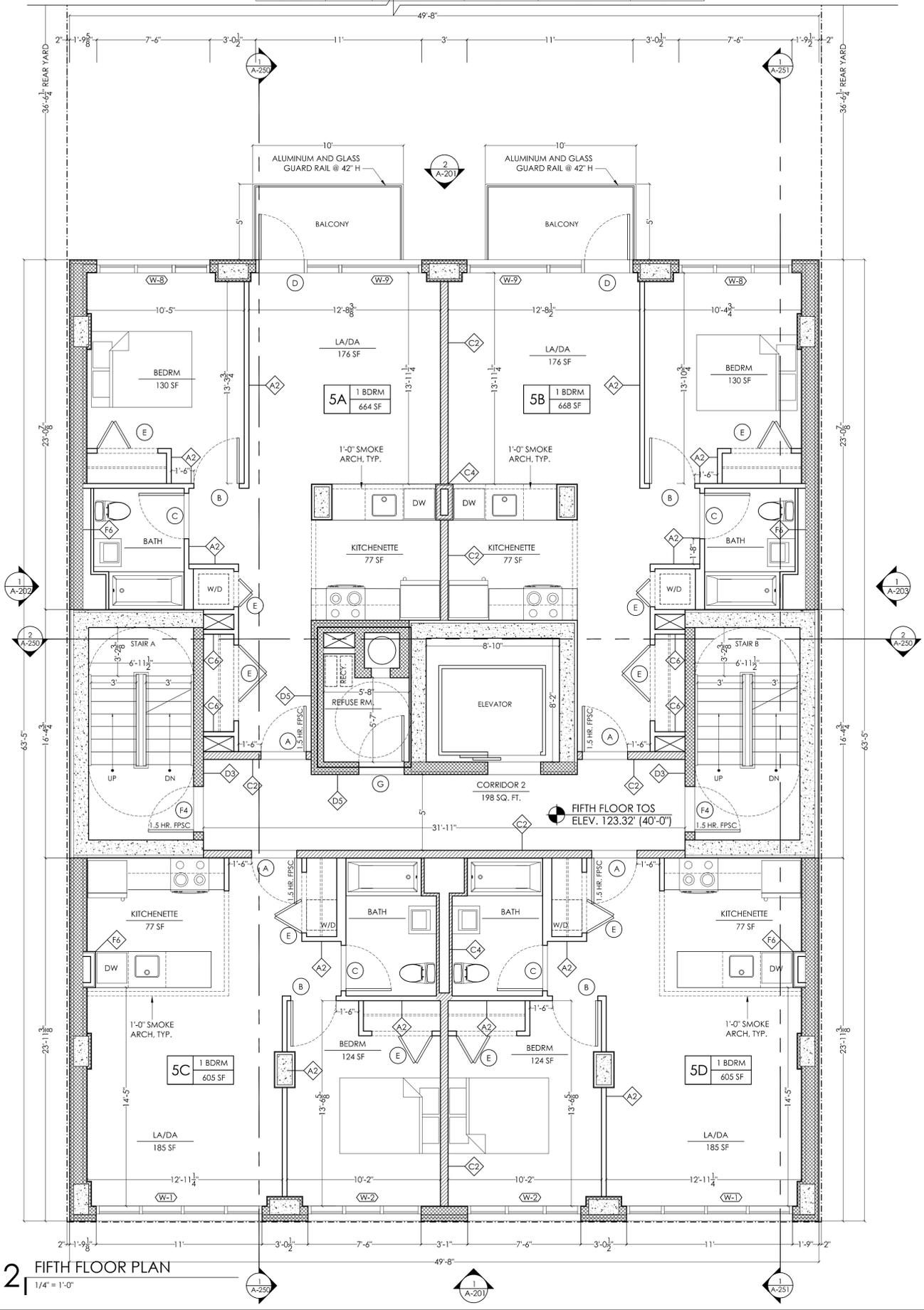
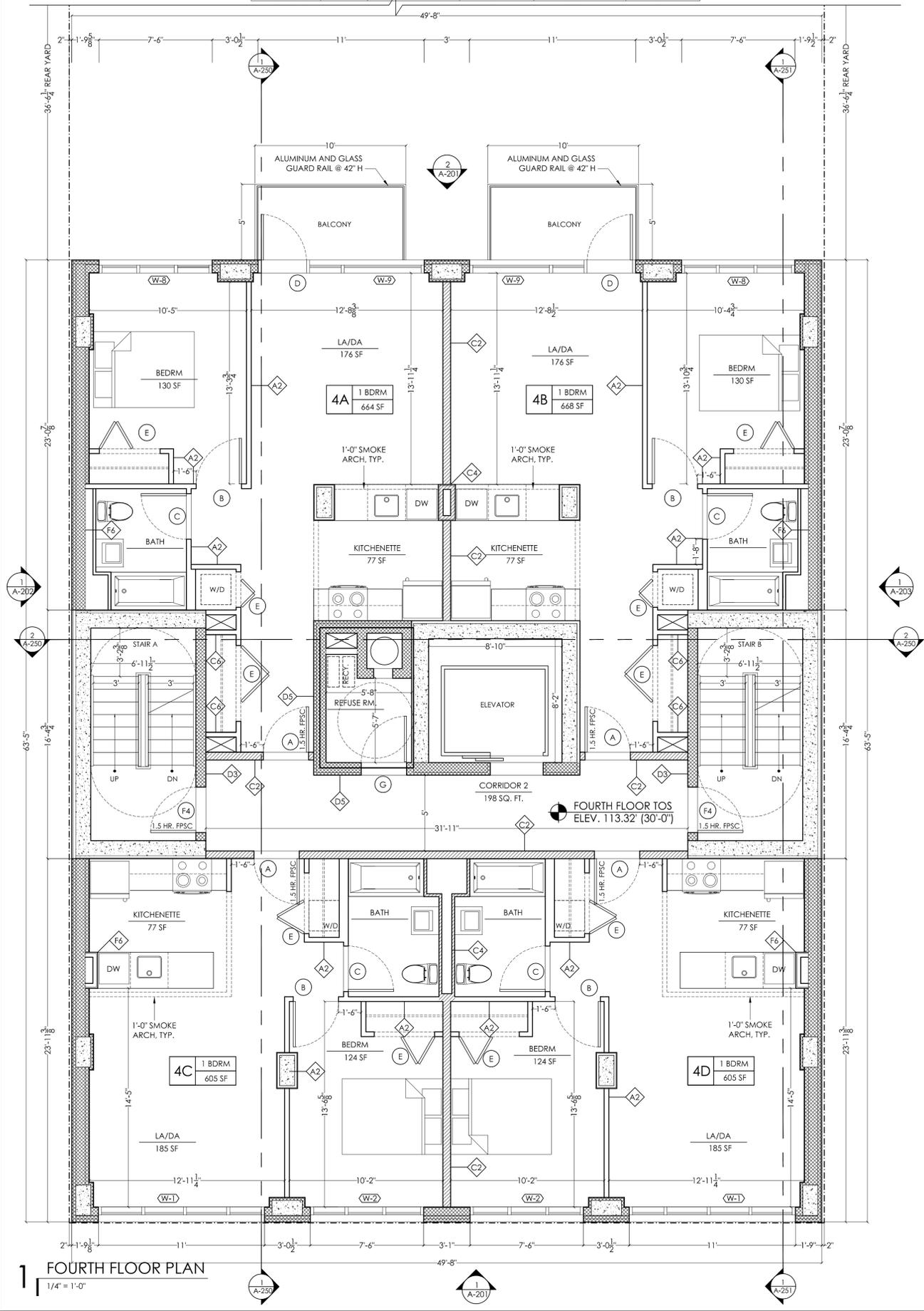
DRAWING NO: 22 OF 43

SHEET: **A-101.00**

SEAL & SIGNATURE
FEINGOLD & GREGORY ARCHITECTS
REGISTERED ARCHITECT
STATE OF NEW YORK
026711

ROOM NUMBER	AREA SF	LIGHT REQUIRED SF (10%)	LIGHT PROVIDED SF	AIR REQUIRED SF (5%)	AIR PROVIDED SF
4A-LA/DA	182 SF	18.2 SF	44 SF	9.10 SF	14 SF
4A-BEDRM	130 SF	13.0 SF	41 SF	6.50 SF	14 SF
4B-LA/DA	182 SF	18.2 SF	44 SF	9.10 SF	14 SF
4B-BEDRM	130 SF	13.0 SF	41 SF	6.50 SF	14 SF
4C-LA/DA	185 SF	18.5 SF	66 SF	9.25 SF	14 SF
4C-BEDRM	124 SF	12.4 SF	44 SF	6.20 SF	14 SF
4D-LA/DA	185 SF	18.5 SF	66 SF	9.25 SF	14 SF
4D-BEDRM	124 SF	12.4 SF	44 SF	6.20 SF	14 SF

ROOM NUMBER	AREA SF	LIGHT REQUIRED SF (10%)	LIGHT PROVIDED SF	AIR REQUIRED SF (5%)	AIR PROVIDED SF
5A-LA/DA	182 SF	18.2 SF	44 SF	9.10 SF	14 SF
5A-BEDRM	130 SF	13.0 SF	41 SF	6.50 SF	14 SF
5B-LA/DA	182 SF	18.2 SF	44 SF	9.10 SF	14 SF
5B-BEDRM	130 SF	13.0 SF	41 SF	6.50 SF	14 SF
5C-LA/DA	185 SF	18.5 SF	66 SF	9.25 SF	14 SF
5C-BEDRM	124 SF	12.4 SF	44 SF	6.20 SF	14 SF
5D-LA/DA	185 SF	18.5 SF	66 SF	9.25 SF	14 SF
5D-BEDRM	124 SF	12.4 SF	44 SF	6.20 SF	14 SF



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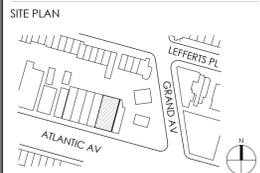
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DRAWING TITLE:

FOURTH AND FIFTH FLOOR PLANS

DATE: 12/31/2015

SCALE: AS NOTED

DRAWN BY: JD, MT

CHECKED BY: JD

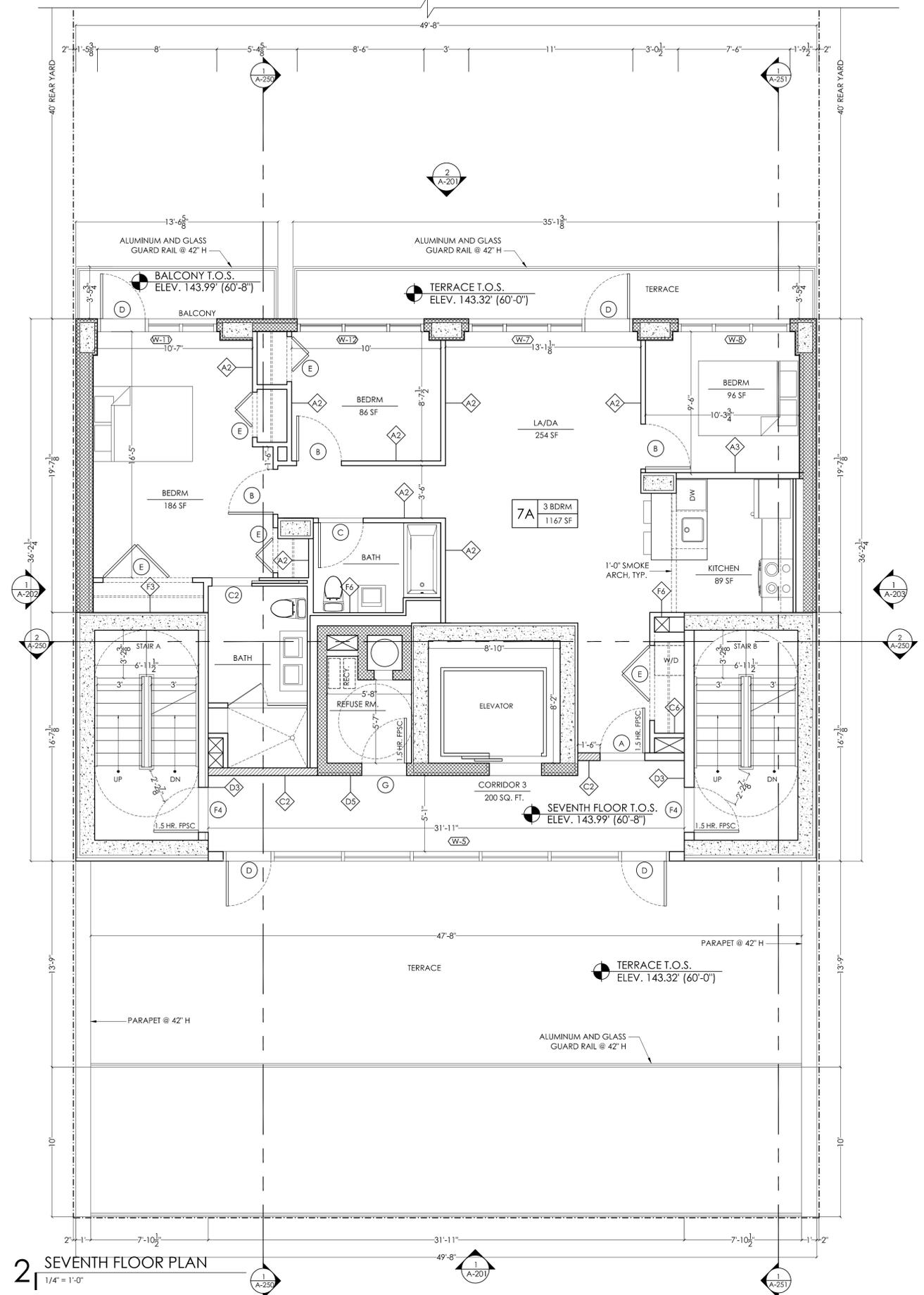
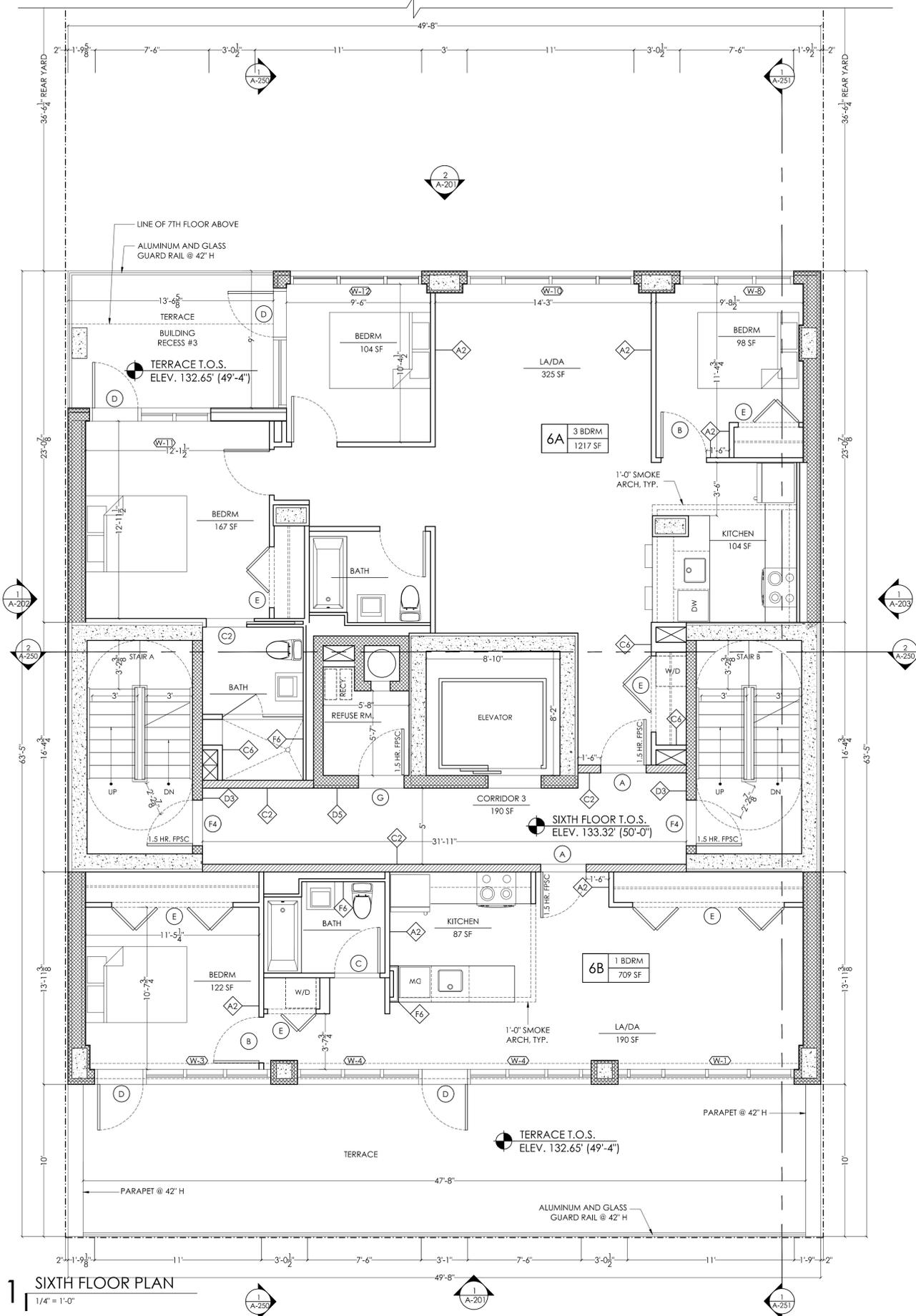
DRAWING NO: 23 OF 43

SHEET: **A-102.00**

SEAL & SIGNATURE
REGISTERED ARCHITECT
FEINGOLD & GREGORY
1026711
STATE OF NEW YORK

ROOM NUMBER	AREA SF	LIGHT REQUIRED SF (10%)	LIGHT PROVIDED SF	AIR REQUIRED SF (5%)	AIR PROVIDED SF
6A-LA/DA	325 SF	32.5 SF	66 SF	16.25 SF	28 SF
6A-BEDRM 1	145 SF	14.4 SF	44 SF	7.20 SF	14 SF
6A-BEDRM 2	104 SF	10.4 SF	50 SF	5.20 SF	14 SF
6A-BEDRM 3	98 SF	9.8 SF	44 SF	4.90 SF	14 SF
6B-LA/DA	190 SF	19.0 SF	88 SF	9.50 SF	28 SF
6B-BEDRM	122 SF	12.2 SF	46 SF	6.10 SF	14 SF

ROOM NUMBER	AREA SF	LIGHT REQUIRED SF (10%)	LIGHT PROVIDED SF	AIR REQUIRED SF (5%)	AIR PROVIDED SF
7A-LA/DA	258 SF	25.8 SF	47 SF	12.90 SF	14 SF
7A-BEDRM 1	186 SF	18.6 SF	28 SF	9.30 SF	14 SF
7A-BEDRM 2	86 SF	8.6 SF	50 SF	4.30 SF	14 SF
7A-BEDRM 3	95 SF	9.5 SF	44 SF	4.75 SF	14 SF



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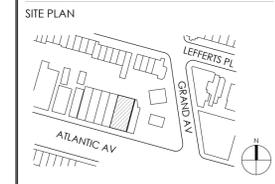
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1 DOB REVIEW 12/31/15
1 ISSUED FOR DOB FILING 08/06/15
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DRAWING TITLE:

SIXTH AND SEVENTH FLOOR PLANS

DATE: 12/31/2015

SCALE: AS NOTED

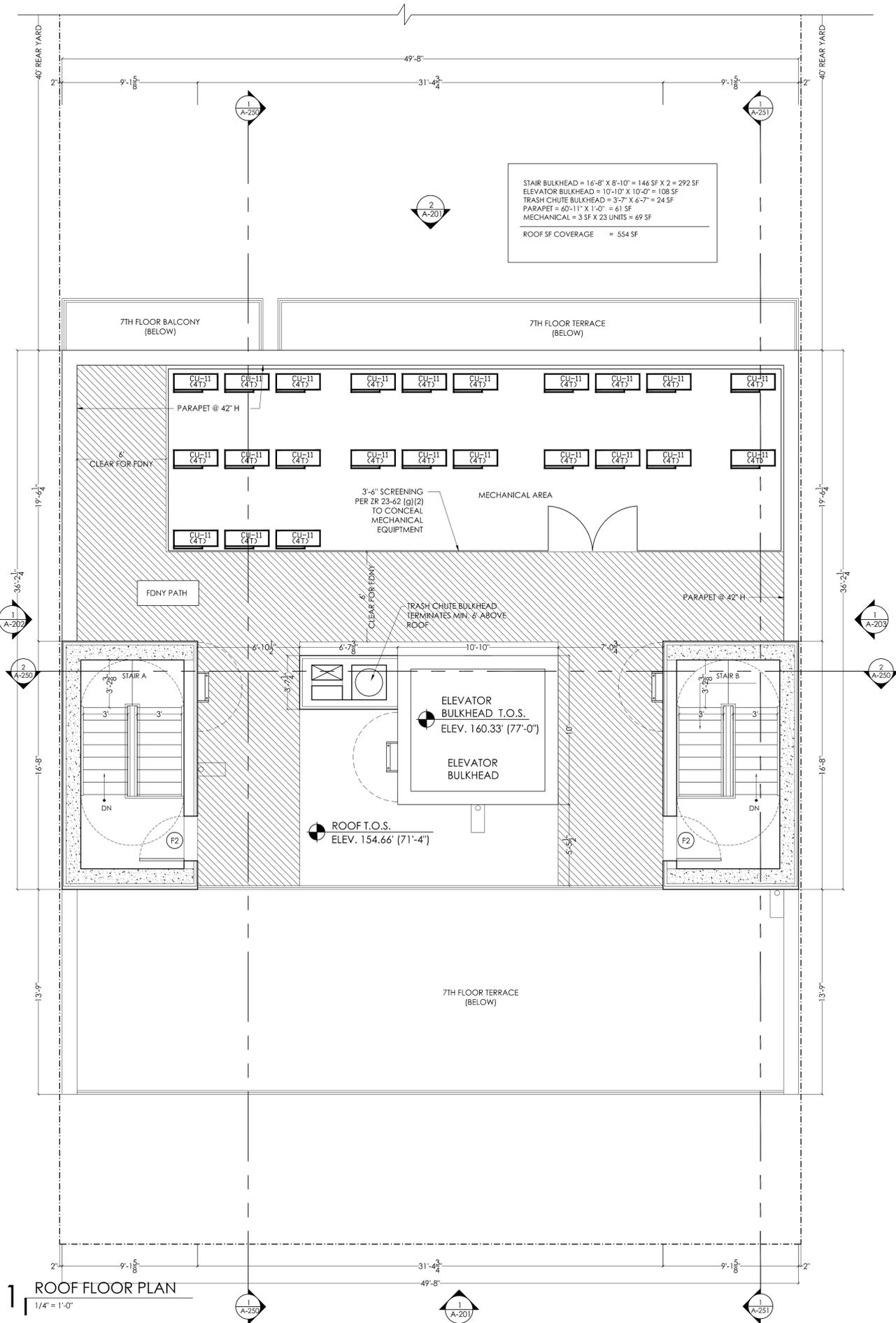
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CHECKED BY: JD

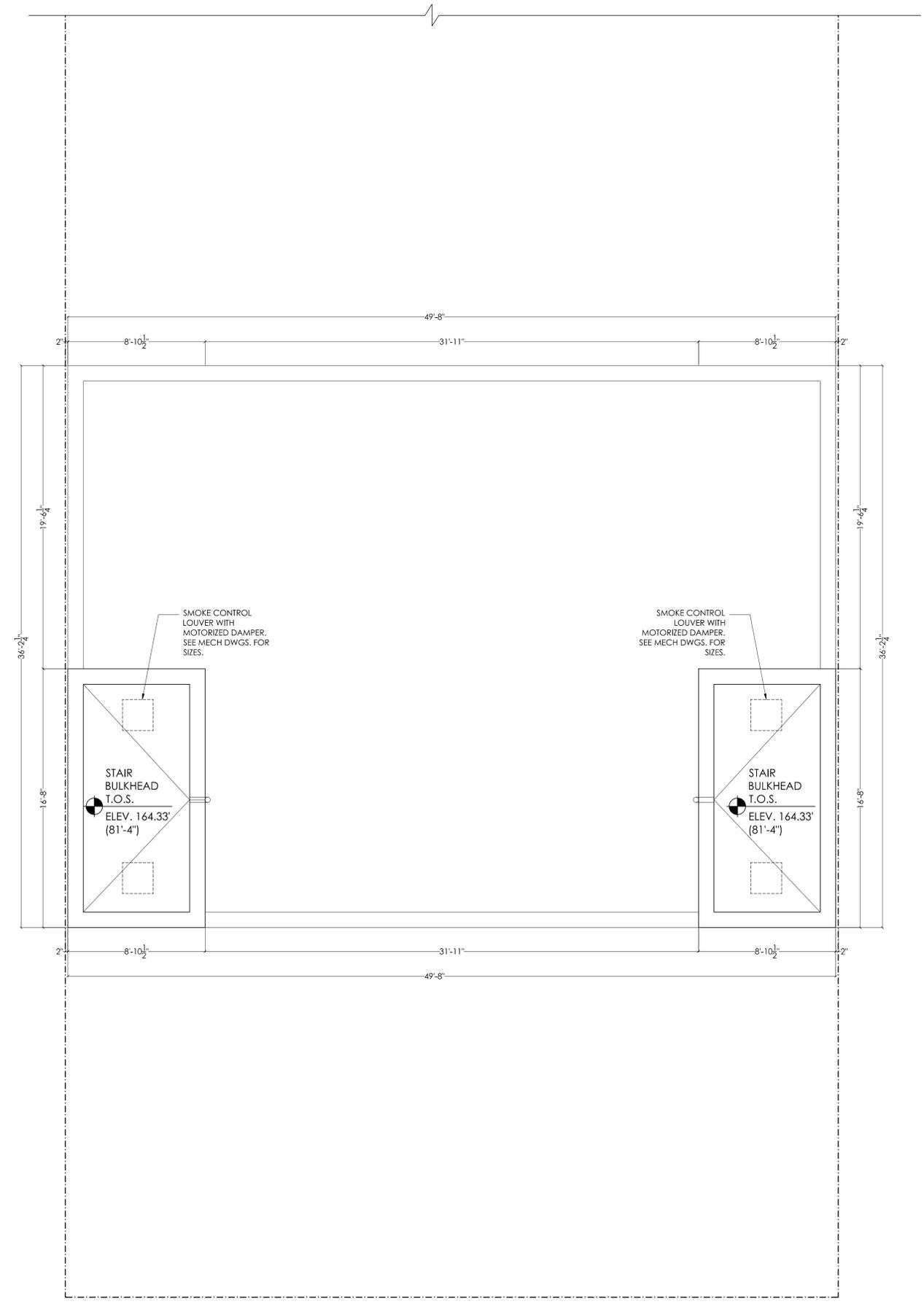
DRAWING NO: 24 OF 43

SHEET: **A-103.00**

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REGISTERED ARCHITECT
STATE OF NEW YORK
026711



1 ROOF FLOOR PLAN
 1/4" = 1'-0"



2 BULKHEAD PLAN
 1/4" = 1'-0"

PROJECT:

925 ATLANTIC AVE
 BROOKLYN, NY 11233

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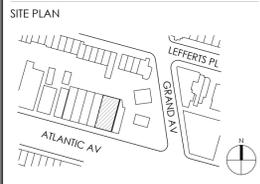
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NEVILLE ENGINEERING GROUP
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PROJECT No: 1501

1 DOB REVIEW 12/31/15
 1 ISSUED FOR DOB FILING 08/06/15
 REV. DATE

DRAWING TITLE:

ROOF AND BULKHEAD
 FLOOR PLAN

DATE: 12/31/2015

SCALE: AS NOTED

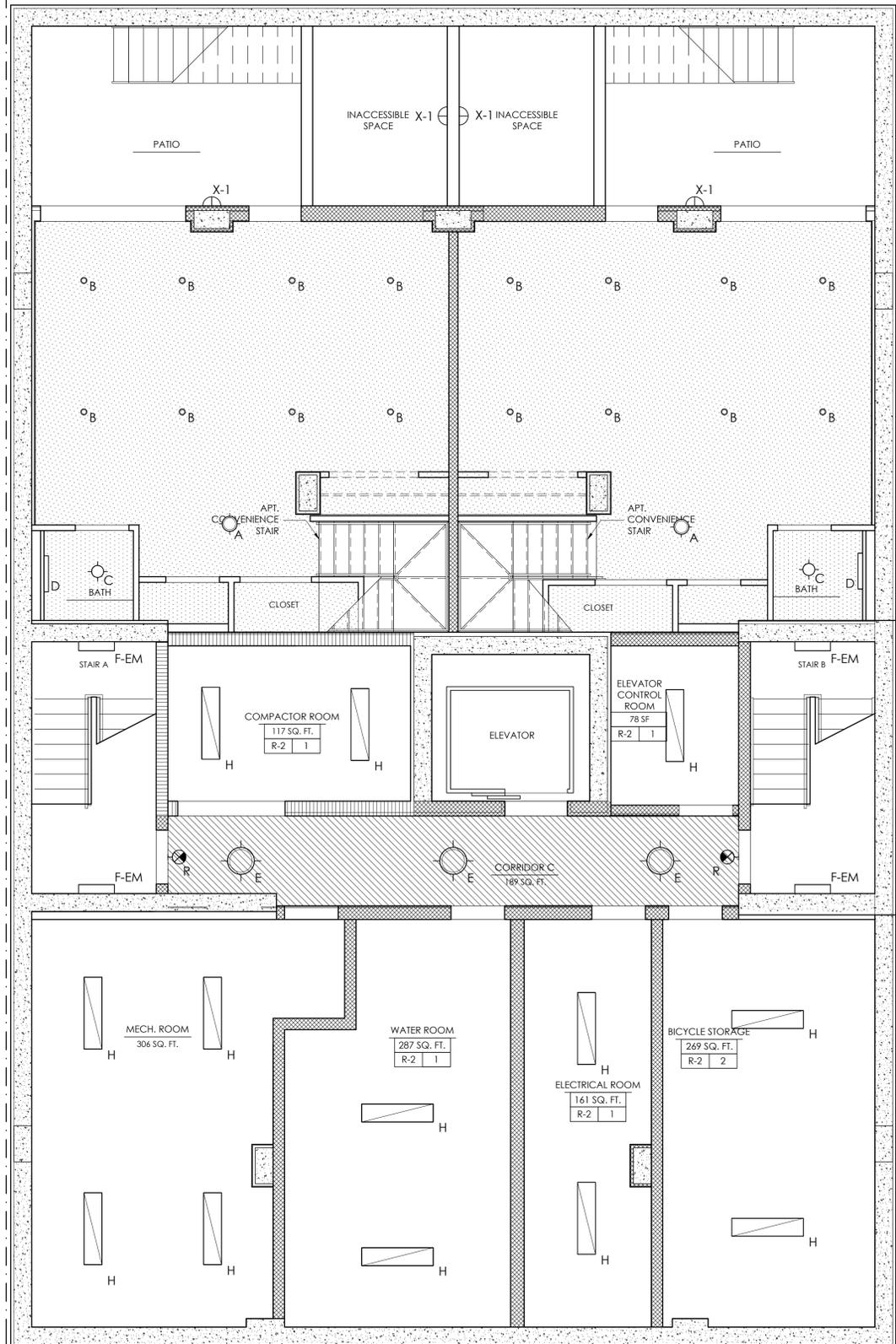
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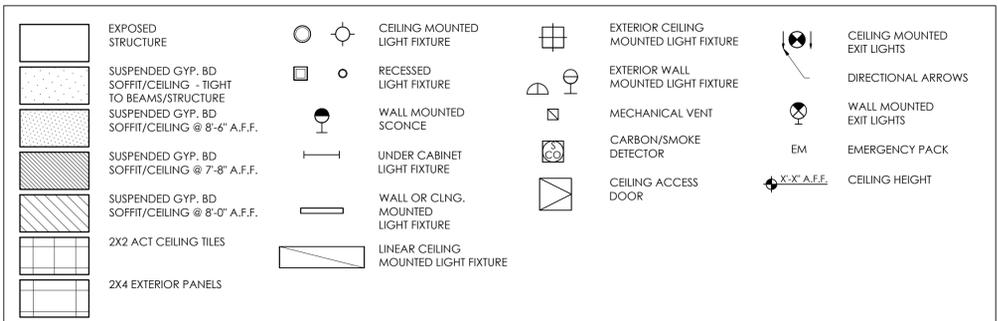
DRAWING NO: 25 OF 43

SHEET: **A-104.00**





REFLECTED CEILING PLAN SYMBOL KEY



NOTES:

1. ALL SWITCHES AND OUTLETS TO BE BY LEVITON DECORA SERIES, WHITE, U.O.N. EXCEPT IN MECHANICAL ROOMS AND RESTRICTED ACCESS AREAS, INCLUDING PARKING. SEE ELEC. DWGS. FOR WIRING AND FOR SMOKE TEST NOTES AT APARTMENTS.
2. REFER TO FIRE ALARM DWGS. FOR SMOKE TEST NOTE FOR FIRE ALARM SYSTEM.
3. ALL EXIT & EMERGENCY LIGHTING WILL BE PROVIDED WITH BUILT IN EMERGENCY BATTERY PACK TO PROVIDE A MINIMUM OF 90 MINUTES OF EMERGENCY LIGHTING.
4. SEE FIRE PROTECTION DWGS. FOR SPRINKLER INFO.
5. SEE MECH DWGS. FOR EQUIPMENT INFO.
6. LIGHT FIXTURES TO BE CENTERED IN ROOM U.O.N.

INTERIOR LIGHTING FIXTURE SCHEDULE - CELLAR

SYMBOL	FIXTURE	DESCRIPTION	MODEL	LAMP TYPE & QTY	VOLTAGE	FIXTURE WATTAGE	FIXTURE QTY	TOTAL WATTAGE	NOTES
⊙	A	CLNG. MTD. @ FOYER	TBD	2 x 13W CFL	120 V	26 W	2	52 W	
○	B	CLNG. MTD. RECESSED	TBD	2 x 32W CFL	120 V	64 W	16	1024 W	
⊙	C	CLNG. MTD.	TBD	1 x 13W CFL	120 V	13 W	2	26 W	
—	D	WALL MTD.	TBD	1 x F24 T5	120 V	24 W	2	48 W	
⊙	E	CLNG. MTD.	TBD	1 x 32 FC12 T9	120 V	32 W	3	96 W	MOTION SENSOR BILEVEL
—	F	WALL MTD. 4 FT.	TBD	2 x F32 T8	120 V	64 W	4	256 W	MOTION SENSOR BILEVEL
—	G	WALL MTD. 2 FT.	TBD	2 x F32 T8	120 V	64 W	0	0 W	MOTION SENSOR / ON/OFF
—	H	CLNG. MTD.	TBD	2 x F32 T8	120 V	64 W	14	896 W	
⊙	J	DECORATIVE SURFACE MTD.	TBD	2 x 32W CFL	120 V	64 W	0	0 W	
—	M	UNDER CABINET	TBD	1 x F14 T5	120 V	14 W	0	0 W	
⊙	P	WALL MTD.	TBD	1 x 13W CFL	120 V	13 W	0	0 W	
⊙	Q	CLNG. MTD. EXIT SIGN	TBD	LED	UNIV	4 W	0	0 W	
⊙	R	WALL MTD. EXIT SIGN	TBD	LED	UNIV	4 W	2	8 W	
TOTAL WATTAGE :								2410 W	

EXTERIOR LIGHTING FIXTURE SCHEDULE

SYMBOL	FIXTURE	DESCRIPTION	MODEL	LAMP TYPE & QTY	VOLTAGE	FIXTURE WATTAGE	FIXTURE QTY	TOTAL WATTAGE	NOTES
⊙	X-1	WALL MTD.	TBD	1X LED MOD 18W	120 V	18 W	4	72 W	VANDAL RESISTANT ; TIMER ON/OFF; SWITCHED AT PRIVATE TERRACES ONLY
⊙	X-2	WALL MTD.	TBD	1X LED MOD 40W	120 V	40 W	0	0 W	VANDAL RESISTANT ; PHOTOCELL ON TIMER OFF
⊙	X-3	CLNG. MTD.	TBD	1X 50 W MH	120 V	50 W	0	0 W	VANDAL RESISTANT ; TIMER ON/OFF
⊙	X-4	RECESSED CLNG. MTD.	TBD	1X LED MOD 40W	120 V	40 W	0	0 W	TIMER ON/OFF
⊙	X-5	CLNG. MTD.	TBD	1X 50 W MH	120 V	50 W	0	0 W	VANDAL RESISTANT ; TIMER ON/OFF
TOTAL WATTAGE :								72 W	

1 CELLAR FLOOR REFLECTED CEILING PLAN
SCALE: 1/4" = 1'-0"

PROJECT:

925 ATLANTIC AVE
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ARCHITECT OF RECORD

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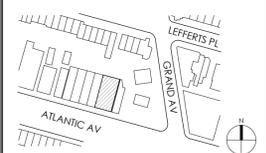
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PROJECT No: 1501

1 DOB REVIEW 12/31/15
1 ISSUED FOR DOB FILING 08/06/15
REV. DATE

DRAWING TITLE:

REFLECTED CEILING
PLAN - CELLAR

DATE: 12/31/2015

SCALE: AS NOTED

DRAWN BY: JD, MT

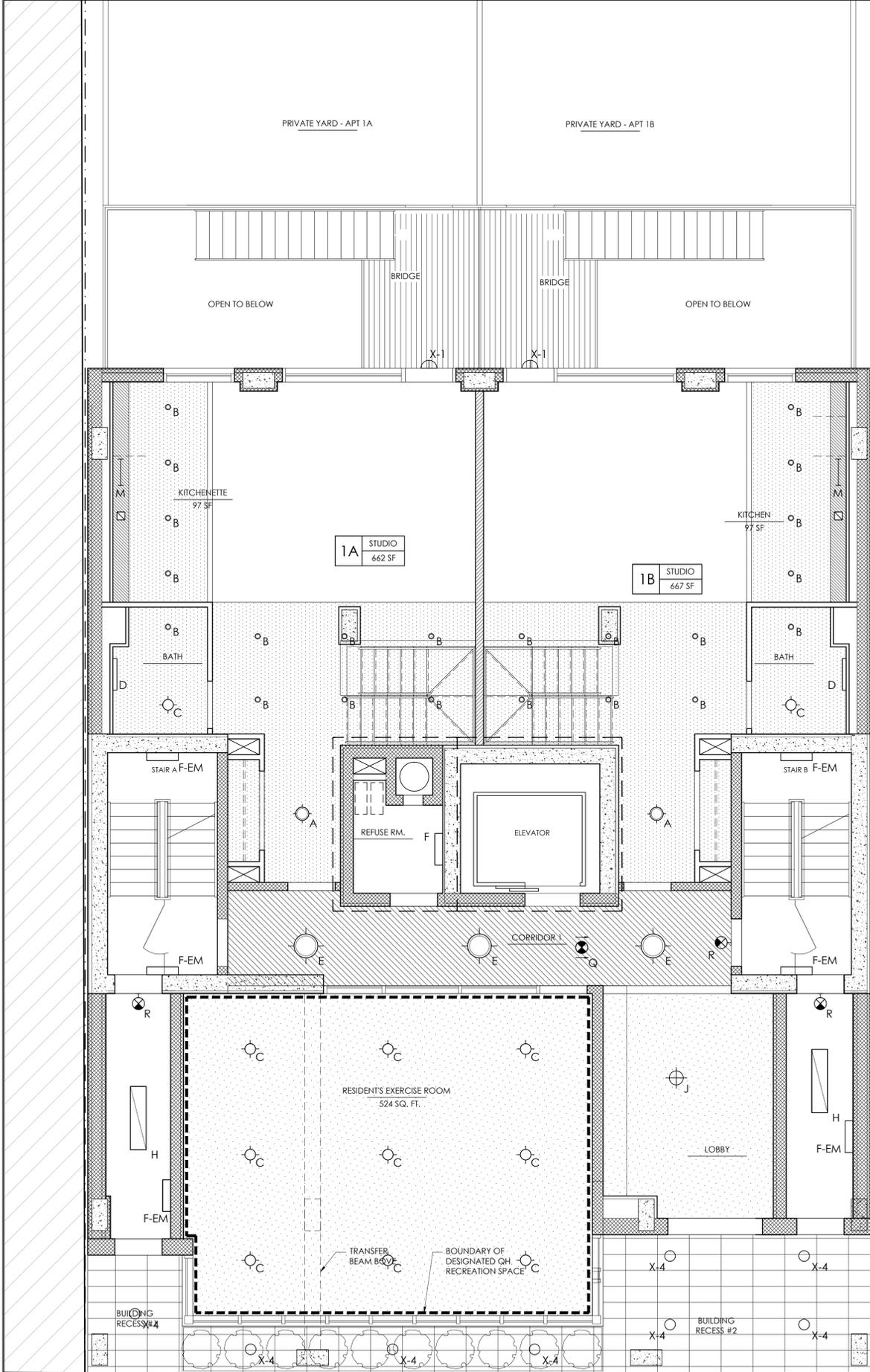
CHECKED BY: JD

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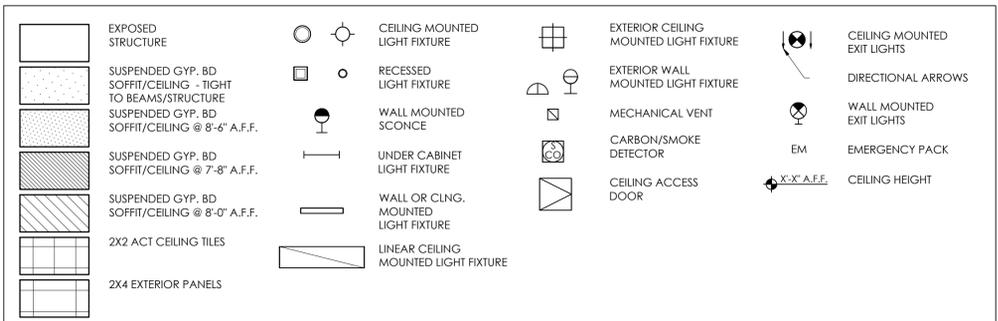
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SEAL & SIGNATURE





REFLECTED CEILING PLAN SYMBOL KEY



NOTES:

1. ALL SWITCHES AND OUTLETS TO BE BY LEVITON DECORA SERIES, WHITE, U.O.N. EXCEPT IN MECHANICAL ROOMS AND RESTRICTED ACCESS AREAS, INCLUDING PARKING. SEE ELEC. DWGS. FOR WIRING AND FOR SMOKE TEST NOTES AT APARTMENTS.
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4. SEE FIRE PROTECTION DWGS. FOR SPRINKLER INFO.
5. SEE MECH DWGS. FOR EQUIPMENT INFO.
6. LIGHT FIXTURES TO BE CENTERED IN ROOM U.O.N.

INTERIOR LIGHTING FIXTURE SCHEDULE - FIRST FLOOR

SYMBOL	FIXTURE	DESCRIPTION	MODEL	LAMP TYPE & QTY	VOLTAGE	FIXTURE WATTAGE	FIXTURE QTY	TOTAL WATTAGE	NOTES
⊙	A	CLNG. MTD. @ FOYER	TBD	2 x 13W CFL	120 V	26 W	2	52 W	
○	B	CLNG. MTD. RECESSED	TBD	2 x 32W CFL	120 V	64 W	22	1408 W	
⊙	C	CLNG. MTD.	TBD	1 x 13W CFL	120 V	13 W	11	143 W	
—	D	WALL MTD.	TBD	1 x F24 T5	120 V	24 W	2	48 W	
⊙	E	CLNG. MTD.	TBD	1 x 32 FC12 T9	120 V	32 W	3	96 W	MOTION SENSOR BILEVEL
—	F	WALL MTD. 4 FT.	TBD	2 x F32 T8	120 V	64 W	7	448 W	MOTION SENSOR BILEVEL
—	G	WALL MTD. 2 FT.	TBD	2 x F32 T8	120 V	64 W	0	0 W	MOTION SENSOR / ON/OFF
—	H	CLNG. MTD.	TBD	2 x F32 T8	120 V	64 W	2	128 W	
⊙	J	DECORATIVE SURFACE MTD.	TBD	2 x 32W CFL	120 V	64 W	1	64 W	
—	M	UNDER CABINET	TBD	1 x F14 T5	120 V	14 W	2	28 W	
●	P	WALL MTD.	TBD	1 x 13W CFL	120 V	13 W	0	0 W	
⊙	Q	CLNG. MTD. EXIT SIGN	TBD	LED	UNIV	4 W	1	4 W	
⊙	R	WALL MTD. EXIT SIGN	TBD	LED	UNIV	4 W	3	12 W	
								TOTAL WATTAGE :	2431 W

EXTERIOR LIGHTING FIXTURE SCHEDULE

SYMBOL	FIXTURE	DESCRIPTION	MODEL	LAMP TYPE & QTY	VOLTAGE	FIXTURE WATTAGE	FIXTURE QTY	TOTAL WATTAGE	NOTES
⊙	X-1	WALL MTD.	TBD	1X LED MOD 18W	120 V	18 W	2	36 W	VANDAL RESISTANT ; TIMER ON/OFF; SWITCHED AT PRIVATE TERRACES ONLY
⊙	X-2	WALL MTD.	TBD	1X LED MOD 40W	120 V	40 W	0	0 W	VANDAL RESISTANT ; PHOTOCELL ON TIMER OFF
⊙	X-3	CLNG. MTD.	TBD	1X 50 W MH	120 V	50 W	0	0 W	VANDAL RESISTANT ; TIMER ON/OFF
○	X-4	RECESSED CLNG. MTD.	TBD	1X LED MOD 40W	120 V	40 W	8	320 W	TIMER ON/OFF
⊙	X-5	CLNG. MTD.	TBD	1X 50 W MH	120 V	50 W	0	0 W	VANDAL RESISTANT ; TIMER ON/OFF
								TOTAL WATTAGE :	356 W

1 FIRST FLOOR REFLECTED CEILING PLAN
SCALE: 1/4" = 1'-0"

PROJECT:

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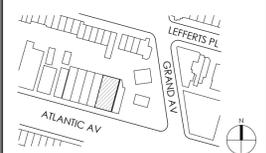
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MECHANICAL ENGINEER

NEVILLE ENGINEERING GROUP

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SITE PLAN



PROJECT No: 1501

1 DOB REVIEW 12/31/15
1 ISSUED FOR DOB FILING 08/06/15
REV. DATE

DRAWING TITLE:

REFLECTED CEILING
PLAN - FIRST FLOOR

DATE: 12/31/2015

SCALE: AS NOTED

DRAWN BY: JD, MT

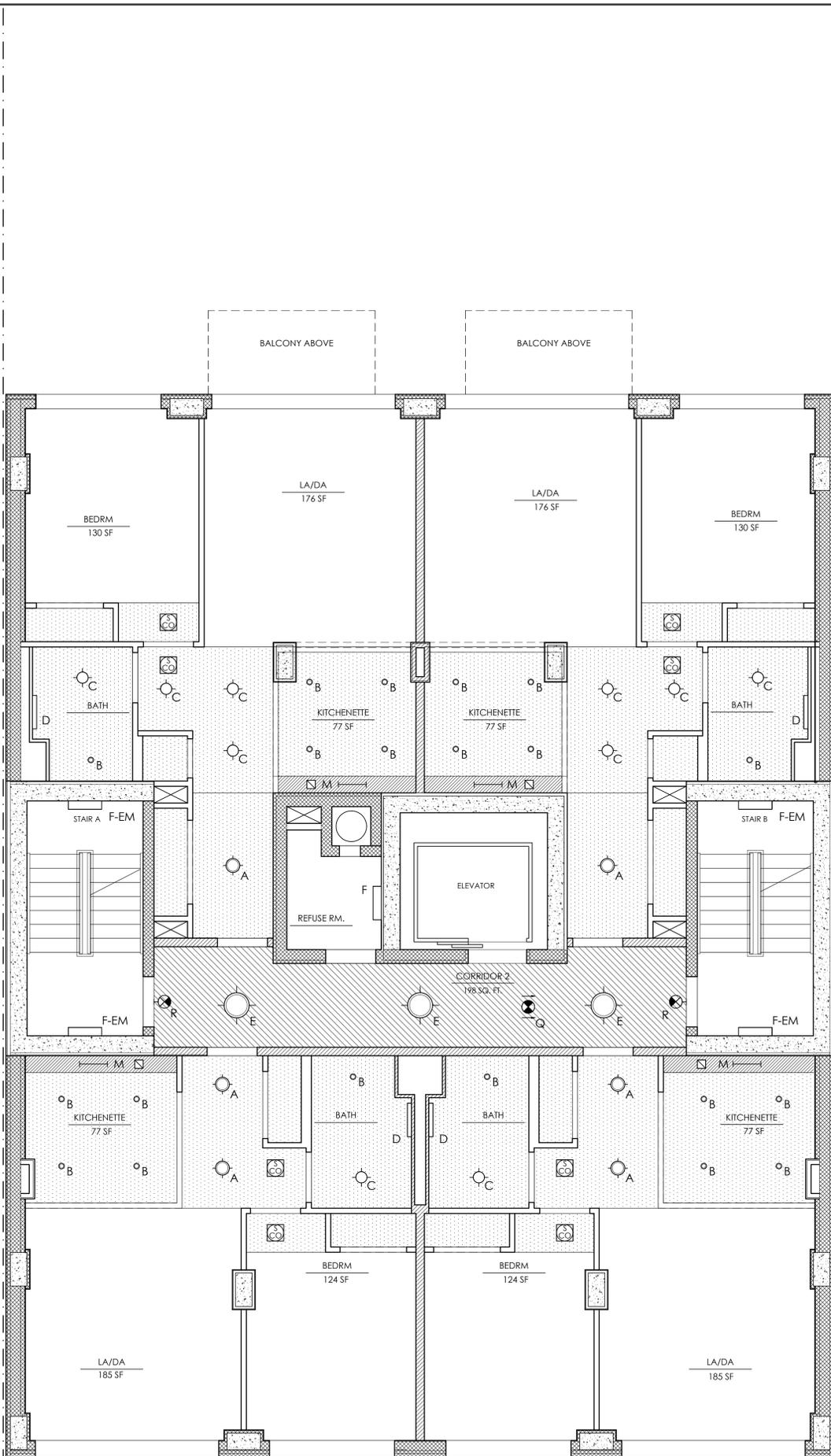
CHECKED BY: JD

DRAWING NO: 27 OF 43

SHEET: **A-151.00**

SEAL & SIGNATURE





REFLECTED CEILING PLAN SYMBOL KEY

	EXPOSED STRUCTURE		CEILING MOUNTED LIGHT FIXTURE		EXTERIOR CEILING MOUNTED LIGHT FIXTURE		CEILING MOUNTED EXIT LIGHTS
	SUSPENDED GYP. BD SOFFIT/CEILING - TIGHT TO BEAMS/STRUCTURE		RECESSED LIGHT FIXTURE		EXTERIOR WALL MOUNTED LIGHT FIXTURE		DIRECTIONAL ARROWS
	SUSPENDED GYP. BD SOFFIT/CEILING @ 8'-0" A.F.F.		WALL MOUNTED SCONCE		MECHANICAL VENT		WALL MOUNTED EXIT LIGHTS
	SUSPENDED GYP. BD SOFFIT/CEILING @ 7'-8" A.F.F.		UNDER CABINET LIGHT FIXTURE		CARBON/SMOKE DETECTOR		EM EMERGENCY PACK
	SUSPENDED GYP. BD SOFFIT/CEILING @ 8'-0" A.F.F.		WALL OR CLNG. MOUNTED LIGHT FIXTURE		CEILING ACCESS DOOR		CEILING HEIGHT
	2X2 ACT CEILING TILES		LINEAR CEILING MOUNTED LIGHT FIXTURE				
	2X4 EXTERIOR PANELS						

NOTES:

1. ALL SWITCHES AND OUTLETS TO BE BY LEVITON DECORA SERIES, WHITE, U.O.N. EXCEPT IN MECHANICAL ROOMS AND RESTRICTED ACCESS AREAS, INCLUDING PARKING. SEE ELEC. DWGS. FOR WIRING AND FOR SMOKE TEST NOTES AT APARTMENTS.
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4. SEE FIRE PROTECTION DWGS. FOR SPRINKLER INFO.
5. SEE MECH DWGS. FOR EQUIPMENT INFO.
6. LIGHT FIXTURES TO BE CENTERED IN ROOM U.O.N.

INTERIOR LIGHTING FIXTURE SCHEDULE - SECOND FLOOR

SYMBOL	FIXTURE	DESCRIPTION	MODEL	LAMP TYPE & QTY	VOLTAGE	FIXTURE WATTAGE	FIXTURE QTY	TOTAL WATTAGE	NOTES
	A	CLNG. MTD. @ FOYER	TBD	2 x 13W CFL	120 V	26 W	6	156 W	
	B	CLNG. MTD. RECESSED	TBD	2 x 32W CFL	120 V	64 W	20	1280 W	
	C	CLNG. MTD.	TBD	1 x 13W CFL	120 V	13 W	10	130 W	
	D	WALL MTD.	TBD	1 x F24 T5	120 V	24 W	4	96 W	
	E	CLNG. MTD.	TBD	1 x 32 FC12 T9	120 V	32 W	3	96 W	MOTION SENSOR BILEVEL
	F	WALL MTD. 4 FT.	TBD	2 x F32 T8	120 V	64 W	5	320 W	MOTION SENSOR BILEVEL
	G	WALL MTD. 2 FT.	TBD	2 x F32 T8	120 V	64 W	0	0 W	MOTION SENSOR / ON/OFF
	H	CLNG. MTD.	TBD	2 x F32 T8	120 V	64 W	0	0 W	
	J	DECORATIVE SURFACE MTD.	TBD	2 x 32W CFL	120 V	64 W	0	0 W	
	M	UNDER CABINET	TBD	1 x F14 T5	120 V	14 W	4	56 W	
	P	WALL MTD.	TBD	1 x 13W CFL	120 V	13 W	0	0 W	
	Q	CLNG. MTD. EXIT SIGN	TBD	LED	UNIV	4 W	1	4 W	
	R	WALL MTD. EXIT SIGN	TBD	LED	UNIV	4 W	2	8 W	
TOTAL WATTAGE :								2146 W	

EXTERIOR LIGHTING FIXTURE SCHEDULE

SYMBOL	FIXTURE	DESCRIPTION	MODEL	LAMP TYPE & QTY	VOLTAGE	FIXTURE WATTAGE	FIXTURE QTY	TOTAL WATTAGE	NOTES
	X-1	WALL MTD.	TBD	1X LED MOD 18W	120 V	18 W	0	0 W	VANDAL RESISTANT ; TIMER ON/OFF; SWITCHED AT PRIVATE TERRACES ONLY
	X-2	WALL MTD.	TBD	1X LED MOD 40W	120 V	40 W	0	0 W	VANDAL RESISTANT ; PHOTOCELL ON TIMER OFF
	X-3	CLNG. MTD.	TBD	1X 50 W MH	120 V	50 W	0	0 W	VANDAL RESISTANT ; TIMER ON/OFF
	X-4	RECESSED CLNG. MTD.	TBD	1X LED MOD 40W	120 V	40 W	0	0 W	TIMER ON/OFF
	X-5	CLNG. MTD.	TBD	1X 50 W MH	120 V	50 W	0	0 W	VANDAL RESISTANT ; TIMER ON/OFF
TOTAL WATTAGE :								0 W	

1 SECOND FLOOR REFLECTED CEILING PLAN
SCALE: 1/4" = 1'-0"

PROJECT:

925 ATLANTIC AVE
BROOKLYN, NY 11233

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BROOKLYN, NEW YORK 11233
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STRUCTURAL ENGINEER

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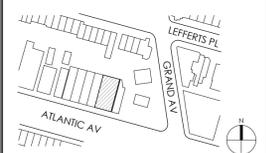
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MECHANICAL ENGINEER

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SITE PLAN



PROJECT No: 1501

1 DOB REVIEW 12/31/15
1 ISSUED FOR DOB FILING 08/06/15
REV. DATE

DRAWING TITLE:

REFLECTED CEILING
PLAN - SECOND FLOOR

DATE: 12/31/2015

SCALE: AS NOTED

DRAWN BY: JD, MT

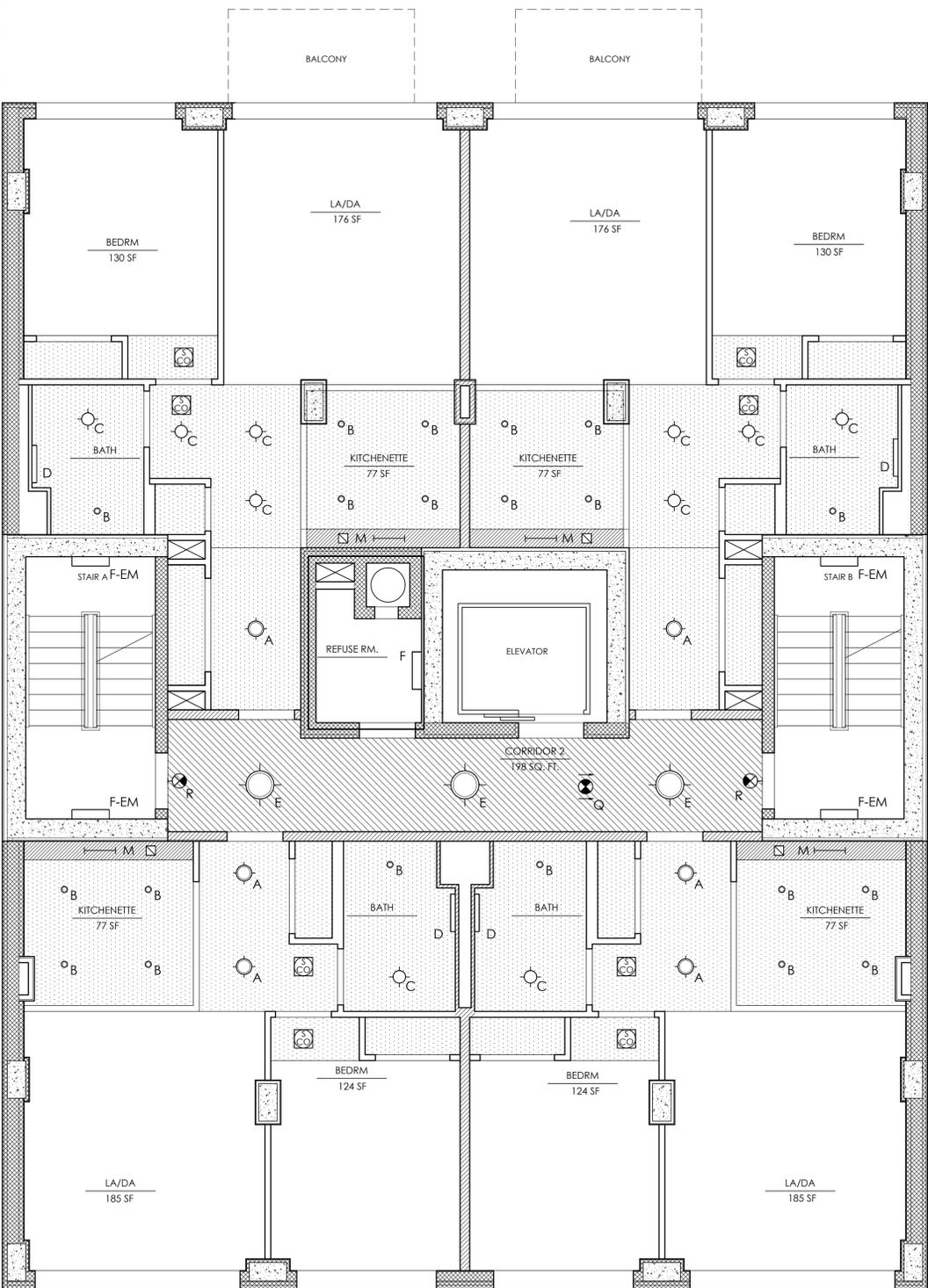
CHECKED BY: JD

DRAWING NO: 28 OF 43

SHEET: **A-152.00**

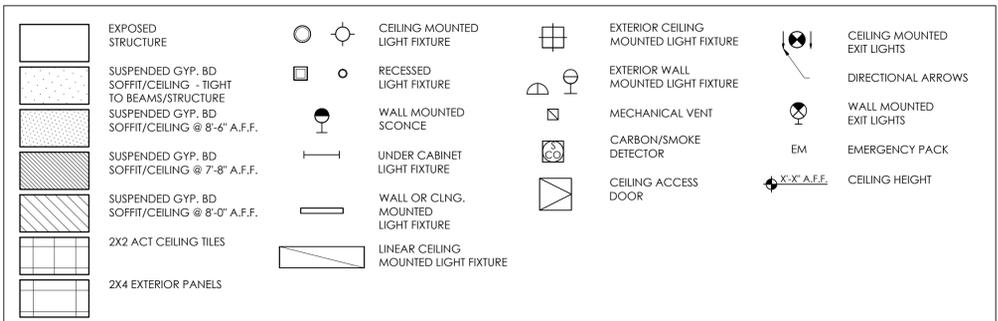
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1 THIRD FLOOR REFLECTED CEILING PLAN
SCALE: 1/4" = 1'-0"

REFLECTED CEILING PLAN SYMBOL KEY



NOTES:

1. ALL SWITCHES AND OUTLETS TO BE BY LEVITON DECORA SERIES, WHITE, U.O.N. EXCEPT IN MECHANICAL ROOMS AND RESTRICTED ACCESS AREAS, INCLUDING PARKING. SEE ELEC. DWGS. FOR WIRING AND FOR SMOKE TEST NOTES AT APARTMENTS.
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4. SEE FIRE PROTECTION DWGS. FOR SPRINKLER INFO.
5. SEE MECH DWGS. FOR EQUIPMENT INFO.
6. LIGHT FIXTURES TO BE CENTERED IN ROOM U.O.N.

INTERIOR LIGHTING FIXTURE SCHEDULE - FIFTH FLOOR

SYMBOL	FIXTURE	DESCRIPTION	MODEL	LAMP TYPE & QTY	VOLTAGE	FIXTURE WATTAGE	FIXTURE QTY	TOTAL WATTAGE	NOTES
⊙	A	CLNG. MTD. @ FOYER	TBD	2 x 13W CFL	120 V	26 W	6	156 W	
○	B	CLNG. MTD. RECESSED	TBD	2 x 32W CFL	120 V	64 W	20	1280 W	
⊙	C	CLNG. MTD.	TBD	1 x 13W CFL	120 V	13 W	10	130 W	
—	D	WALL MTD.	TBD	1 x F24 T5	120 V	24 W	4	96 W	
⊙	E	CLNG. MTD.	TBD	1 x 32 FC12 T9	120 V	32 W	3	96 W	MOTION SENSOR BILEVEL
—	F	WALL MTD. 4 FT.	TBD	2 x F32 T8	120 V	64 W	5	320 W	MOTION SENSOR BILEVEL
—	G	WALL MTD. 2 FT.	TBD	2 x F32 T8	120 V	64 W	0	0 W	MOTION SENSOR / ON/OFF
—	H	CLNG. MTD.	TBD	2 x F32 T8	120 V	64 W	0	0 W	
⊙	J	DECORATIVE SURFACE MTD.	TBD	2 x 32W CFL	120 V	64 W	0	0 W	
—	M	UNDER CABINET	TBD	1 x F14 T5	120 V	14 W	4	56 W	
⊙	P	WALL MTD.	TBD	1 x 13W CFL	120 V	13 W	0	0 W	
⊙	Q	CLNG. MTD. EXIT SIGN	TBD	LED	UNIV	4 W	1	4 W	
⊙	R	WALL MTD. EXIT SIGN	TBD	LED	UNIV	4 W	2	8 W	
TOTAL WATTAGE :								2146 W	

EXTERIOR LIGHTING FIXTURE SCHEDULE

SYMBOL	FIXTURE	DESCRIPTION	MODEL	LAMP TYPE & QTY	VOLTAGE	FIXTURE WATTAGE	FIXTURE QTY	TOTAL WATTAGE	NOTES
⊙	X-1	WALL MTD.	TBD	1X LED MOD 18W	120 V	18 W	0	0 W	VANDAL RESISTANT ; TIMER ON/OFF; SWITCHED AT PRIVATE TERRACES ONLY
⊙	X-2	WALL MTD.	TBD	1X LED MOD 40W	120 V	40 W	0	0 W	VANDAL RESISTANT ; PHOTOCELL ON TIMER OFF
⊙	X-3	CLNG. MTD.	TBD	1X 50 W MH	120 V	50 W	0	0 W	VANDAL RESISTANT ; TIMER ON/OFF
⊙	X-4	RECESSED CLNG. MTD.	TBD	1X LED MOD 40W	120 V	40 W	0	0 W	TIMER ON/OFF
⊙	X-5	CLNG. MTD.	TBD	1X 50 W MH	120 V	50 W	0	0 W	VANDAL RESISTANT ; TIMER ON/OFF
TOTAL WATTAGE :								0 W	

PROJECT:
925 ATLANTIC AVE
BROOKLYN, NY 11233

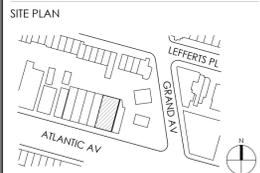
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NEVILLE ENGINEERING GROUP
661 PLAINVIEW ROAD
BETHPAGE, NY 11714
(516) 522.6770



PROJECT No: 1501

1 DOB REVIEW 12/31/15
1 ISSUED FOR DOB FILING 08/06/15
REV. DATE

DRAWING TITLE:

REFLECTED CEILING PLAN - THIRD FLOOR

DATE: 12/31/2015
SCALE: AS NOTED
DRAWN BY: JD, MT
CHECKED BY: JD
DRAWING NO: 29 OF 43
SHEET: **A-153.00**

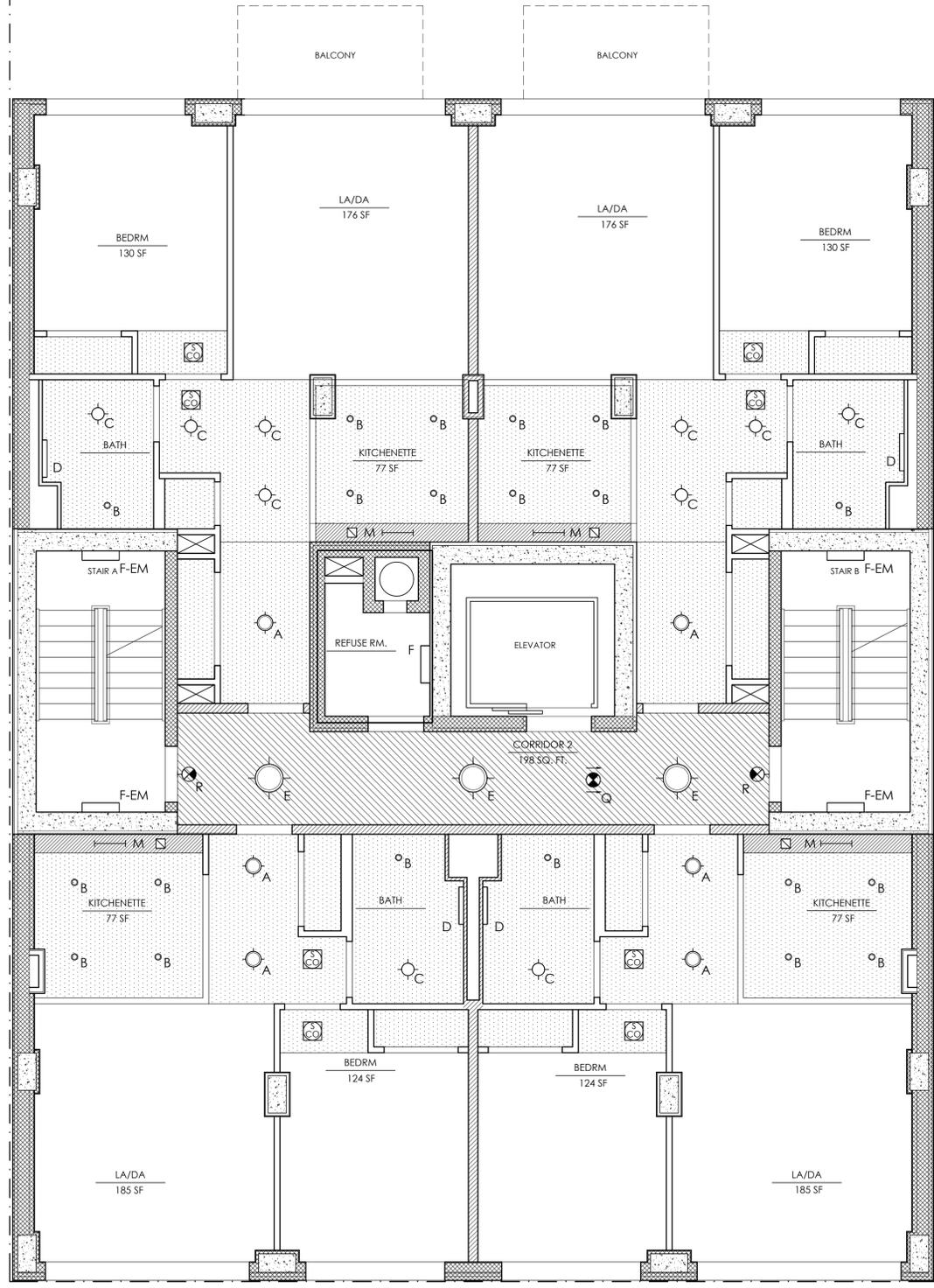


REFLECTED CEILING PLAN SYMBOL KEY

	EXPOSED STRUCTURE		CEILING MOUNTED LIGHT FIXTURE		EXTERIOR CEILING MOUNTED LIGHT FIXTURE		CEILING MOUNTED EXIT LIGHTS
	SUSPENDED GYP. BD SOFFIT/CEILING - TIGHT TO BEAMS/STRUCTURE		RECESSED LIGHT FIXTURE		EXTERIOR WALL MOUNTED LIGHT FIXTURE		DIRECTIONAL ARROWS
	SUSPENDED GYP. BD SOFFIT/CEILING @ 8'-6" A.F.F.		WALL MOUNTED SCOFFCE		MECHANICAL VENT		WALL MOUNTED EXIT LIGHTS
	SUSPENDED GYP. BD SOFFIT/CEILING @ 7'-8" A.F.F.		UNDER CABINET LIGHT FIXTURE		CARBON/SMOKE DETECTOR		EM EMERGENCY PACK
	SUSPENDED GYP. BD SOFFIT/CEILING @ 8'-0" A.F.F.		WALL OR CLNG. MOUNTED LIGHT FIXTURE		CEILING ACCESS DOOR		CEILING HEIGHT
	2X2 ACT CEILING TILES		LINEAR CEILING MOUNTED LIGHT FIXTURE				
	2X4 EXTERIOR PANELS						

NOTES:

1. ALL SWITCHES AND OUTLETS TO BE BY LEVITON DECORA SERIES, WHITE, U.O.N. EXCEPT IN MECHANICAL ROOMS AND RESTRICTED ACCESS AREAS, INCLUDING PARKING. SEE ELEC. DWGS. FOR WIRING AND FOR SMOKE TEST NOTES AT APARTMENTS.
2. REFER TO FIRE ALARM DWGS. FOR SMOKE TEST NOTE FOR FIRE ALARM SYSTEM.
3. ALL EXIT & EMERGENCY LIGHTING WILL BE PROVIDED WITH BUILT IN EMERGENCY BATTERY PACK TO PROVIDE A MINIMUM OF 90 MINUTES OF EMERGENCY LIGHTING.
4. SEE FIRE PROTECTION DWGS. FOR SPRINKLER INFO.
5. SEE MECH DWGS. FOR EQUIPMENT INFO.
6. LIGHT FIXTURES TO BE CENTERED IN ROOM U.O.N.



INTERIOR LIGHTING FIXTURE SCHEDULE - FIFTH FLOOR

SYMBOL	FIXTURE	DESCRIPTION	MODEL	LAMP TYPE & QTY	VOLTAGE	FIXTURE WATTAGE	FIXTURE QTY	TOTAL WATTAGE	NOTES
	A	CLNG. MTD. @ FOYER	TBD	2 x 13W CFL	120 V	26 W	6	156 W	
	B	CLNG. MTD. RECESSED	TBD	2 x 32W CFL	120 V	64 W	20	1280 W	
	C	CLNG. MTD.	TBD	1 x 13W CFL	120 V	13 W	10	130 W	
	D	WALL MTD.	TBD	1 x F24 T5	120 V	24 W	4	96 W	
	E	CLNG. MTD.	TBD	1 x 32 FC12 T9	120 V	32 W	3	96 W	MOTION SENSOR BILEVEL
	F	WALL MTD. 4 FT.	TBD	2 x F32 T8	120 V	64 W	5	320 W	MOTION SENSOR BILEVEL
	G	WALL MTD. 2 FT.	TBD	2 x F32 T8	120 V	64 W	0	0 W	MOTION SENSOR / ON/OFF
	H	CLNG. MTD.	TBD	2 x F32 T8	120 V	64 W	0	0 W	
	J	DECORATIVE SURFACE MTD.	TBD	2 x 32W CFL	120 V	64 W	0	0 W	
	M	UNDER CABINET	TBD	1 x F14 T5	120 V	14 W	4	56 W	
	P	WALL MTD.	TBD	1 x 13W CFL	120 V	13 W	0	0 W	
	Q	CLNG. MTD. EXIT SIGN	TBD	LED	UNIV	4 W	1	4 W	
	R	WALL MTD. EXIT SIGN	TBD	LED	UNIV	4 W	2	8 W	
TOTAL WATTAGE :								2146 W	

EXTERIOR LIGHTING FIXTURE SCHEDULE

SYMBOL	FIXTURE	DESCRIPTION	MODEL	LAMP TYPE & QTY	VOLTAGE	FIXTURE WATTAGE	FIXTURE QTY	TOTAL WATTAGE	NOTES
	X-1	WALL MTD.	TBD	1X LED MOD 18W	120 V	18 W	0	0 W	VANDAL RESISTANT ; TIMER ON/OFF; SWITCHED AT PRIVATE TERRACES ONLY
	X-2	WALL MTD.	TBD	1X LED MOD 40W	120 V	40 W	0	0 W	VANDAL RESISTANT ; PHOTOCELL ON TIMER OFF
	X-3	CLNG. MTD.	TBD	1X 50 W MH	120 V	50 W	0	0 W	VANDAL RESISTANT ; TIMER ON/OFF
	X-4	RECESSED CLNG. MTD.	TBD	1X LED MOD 40W	120 V	40 W	0	0 W	TIMER ON/OFF
	X-5	CLNG. MTD.	TBD	1X 50 W MH	120 V	50 W	0	0 W	VANDAL RESISTANT ; TIMER ON/OFF
TOTAL WATTAGE :								0 W	

1 FOURTH FLOOR REFLECTED CEILING PLAN
SCALE: 1/4" = 1'-0"

PROJECT:

925 ATLANTIC AVE
BROOKLYN, NY 11233

ROART

304 MALCOLM X BLVD
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304 MALCOLM X BLVD, BROOKLYN, NY 11233 TEL: 718-544-3764 FAX: 718-415-1779

ARCHITECT OF RECORD

feingold & gregory · architects

118 west 83rd street · new york, n.y. · 10024
tel: (212) 595-8886 · fax: (212) 781-8992

STRUCTURAL ENGINEER

GACE consulting engineers pc

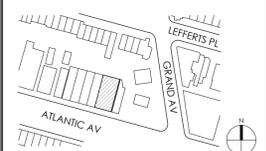
105 Madison Ave. New York, NY 10016
t: 212-545-7878 www.gace.net

MECHANICAL ENGINEER

NEVILLE ENGINEERING GROUP

661 PLAINVIEW ROAD
BETHPAGE, NY 11714
(516) 522.6770

SITE PLAN



PROJECT No: 1501

1 DOB REVIEW 12/31/15
1 ISSUED FOR DOB FILING 08/06/15
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DRAWING TITLE:

REFLECTED CEILING
PLAN - FOURTH FLOOR

DATE: 12/31/2015

SCALE: AS NOTED

DRAWN BY: JD, MT

CHECKED BY: JD

DRAWING NO: 30 OF 43

SHEET: A-154.00

SEAL & SIGNATURE ARCHITECT

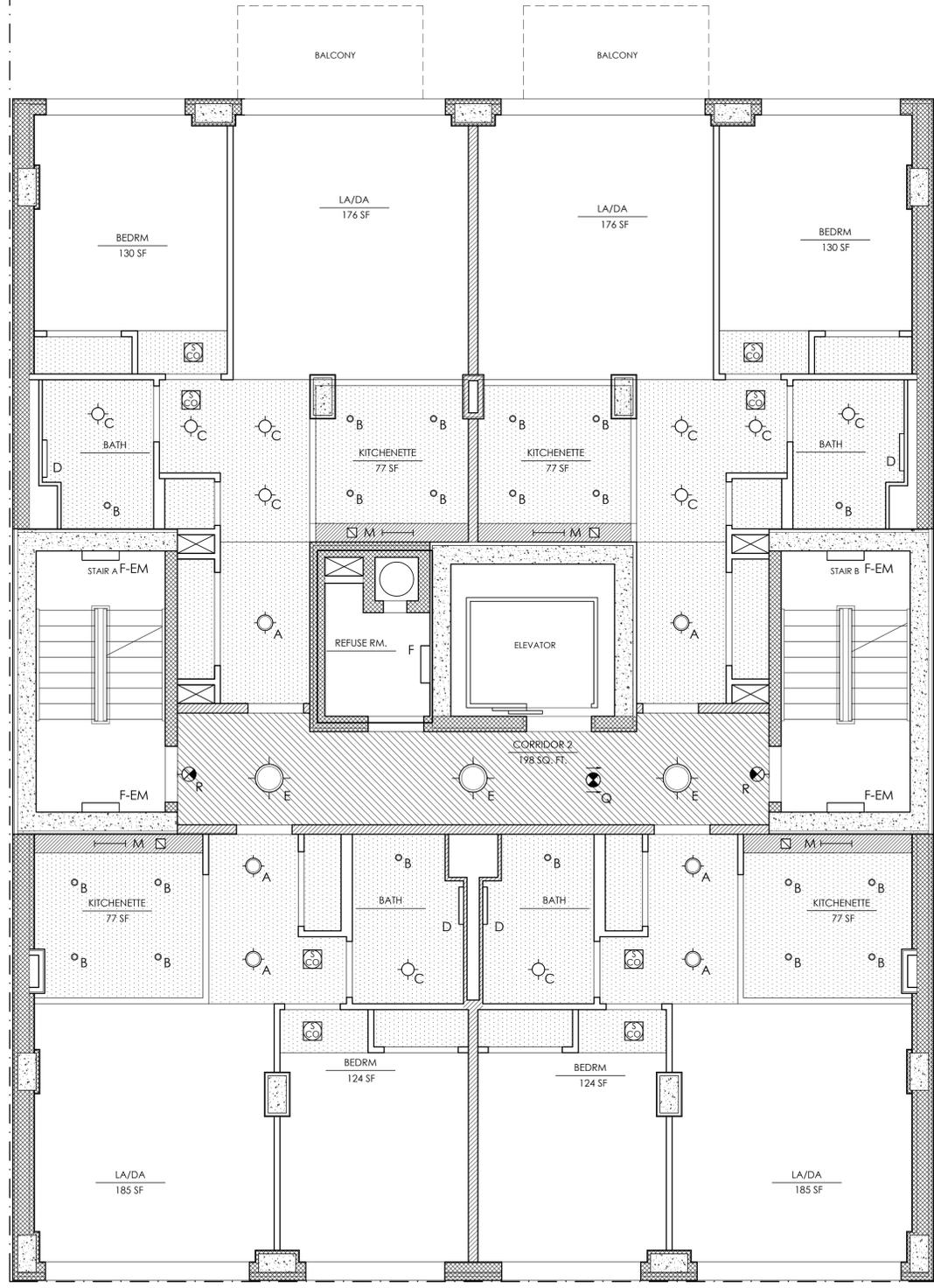


REFLECTED CEILING PLAN SYMBOL KEY

	EXPOSED STRUCTURE		CEILING MOUNTED LIGHT FIXTURE		EXTERIOR CEILING MOUNTED LIGHT FIXTURE		CEILING MOUNTED EXIT LIGHTS
	SUSPENDED GYP. BD SOFFIT/CEILING - TIGHT TO BEAMS/STRUCTURE		RECESSED LIGHT FIXTURE		EXTERIOR WALL MOUNTED LIGHT FIXTURE		DIRECTIONAL ARROWS
	SUSPENDED GYP. BD SOFFIT/CEILING @ 8'-6" A.F.F.		WALL MOUNTED SCOFFCE		MECHANICAL VENT		WALL MOUNTED EXIT LIGHTS
	SUSPENDED GYP. BD SOFFIT/CEILING @ 7'-8" A.F.F.		UNDER CABINET LIGHT FIXTURE		CARBON/SMOKE DETECTOR		EM EMERGENCY PACK
	SUSPENDED GYP. BD SOFFIT/CEILING @ 8'-0" A.F.F.		WALL OR CLNG. MOUNTED LIGHT FIXTURE		CEILING ACCESS DOOR		CEILING HEIGHT
	2X2 ACT CEILING TILES		LINEAR CEILING MOUNTED LIGHT FIXTURE				
	2X4 EXTERIOR PANELS						

NOTES:

1. ALL SWITCHES AND OUTLETS TO BE BY LEVITON DECORA SERIES, WHITE, U.O.N. EXCEPT IN MECHANICAL ROOMS AND RESTRICTED ACCESS AREAS, INCLUDING PARKING. SEE ELEC. DWGS. FOR WIRING AND FOR SMOKE TEST NOTES AT APARTMENTS.
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4. SEE FIRE PROTECTION DWGS. FOR SPRINKLER INFO.
5. SEE MECH DWGS. FOR EQUIPMENT INFO.
6. LIGHT FIXTURES TO BE CENTERED IN ROOM U.O.N.



INTERIOR LIGHTING FIXTURE SCHEDULE - FIFTH FLOOR

SYMBOL	FIXTURE	DESCRIPTION	MODEL	LAMP TYPE & QTY	VOLTAGE	FIXTURE WATTAGE	FIXTURE QTY	TOTAL WATTAGE	NOTES
	A	CLNG. MTD. @ FOYER	TBD	2 x 13W CFL	120 V	26 W	6	156 W	
	B	CLNG. MTD. RECESSED	TBD	2 x 32W CFL	120 V	64 W	20	1280 W	
	C	CLNG. MTD.	TBD	1 x 13W CFL	120 V	13 W	10	130 W	
	D	WALL MTD.	TBD	1 x F24 T5	120 V	24 W	4	96 W	
	E	CLNG. MTD.	TBD	1 x 32 FC12 T9	120 V	32 W	3	96 W	MOTION SENSOR BILEVEL
	F	WALL MTD. 4 FT.	TBD	2 x F32 T8	120 V	64 W	5	320 W	MOTION SENSOR BILEVEL
	G	WALL MTD. 2 FT.	TBD	2 x F32 T8	120 V	64 W	0	0 W	MOTION SENSOR / ON/OFF
	H	CLNG. MTD.	TBD	2 x F32 T8	120 V	64 W	0	0 W	
	J	DECORATIVE SURFACE MTD.	TBD	2 x 32W CFL	120 V	64 W	0	0 W	
	M	UNDER CABINET	TBD	1 x F14 T5	120 V	14 W	4	56 W	
	P	WALL MTD.	TBD	1 x 13W CFL	120 V	13 W	0	0 W	
	Q	CLNG. MTD. EXIT SIGN	TBD	LED	UNIV	4 W	1	4 W	
	R	WALL MTD. EXIT SIGN	TBD	LED	UNIV	4 W	2	8 W	
TOTAL WATTAGE :								2146 W	

EXTERIOR LIGHTING FIXTURE SCHEDULE

SYMBOL	FIXTURE	DESCRIPTION	MODEL	LAMP TYPE & QTY	VOLTAGE	FIXTURE WATTAGE	FIXTURE QTY	TOTAL WATTAGE	NOTES
	X-1	WALL MTD.	TBD	1X LED MOD 18W	120 V	18 W	0	0 W	VANDAL RESISTANT ; TIMER ON/OFF; SWITCHED AT PRIVATE TERRACES ONLY
	X-2	WALL MTD.	TBD	1X LED MOD 40W	120 V	40 W	0	0 W	VANDAL RESISTANT ; PHOTOCELL ON TIMER OFF
	X-3	CLNG. MTD.	TBD	1X 50 W MH	120 V	50 W	0	0 W	VANDAL RESISTANT ; TIMER ON/OFF
	X-4	RECESSED CLNG. MTD.	TBD	1X LED MOD 40W	120 V	40 W	0	0 W	TIMER ON/OFF
	X-5	CLNG. MTD.	TBD	1X 50 W MH	120 V	50 W	0	0 W	VANDAL RESISTANT ; TIMER ON/OFF
TOTAL WATTAGE :								0 W	

1 FIFTH FLOOR REFLECTED CEILING PLAN
SCALE: 1/4" = 1'-0"

PROJECT:

925 ATLANTIC AVE
BROOKLYN, NY 11233

ROART

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BROOKLYN, NEW YORK 11233
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ARCHITECT OF RECORD

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tel: (212) 595-8886 · fax: (212) 781-8992



STRUCTURAL ENGINEER

GACE consulting engineers pc

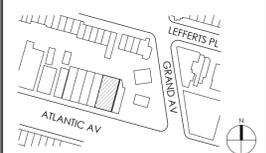
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MECHANICAL ENGINEER

NEVILLE ENGINEERING GROUP

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SITE PLAN



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DRAWING TITLE:

REFLECTED CEILING
PLAN - FIFTH FLOOR

DATE: 12/31/2015

SCALE: AS NOTED

DRAWN BY: JD, MT

CHECKED BY: JD

DRAWING NO: 31 OF 43

SHEET: **A-155.00**

SEAL & SIGNATURE

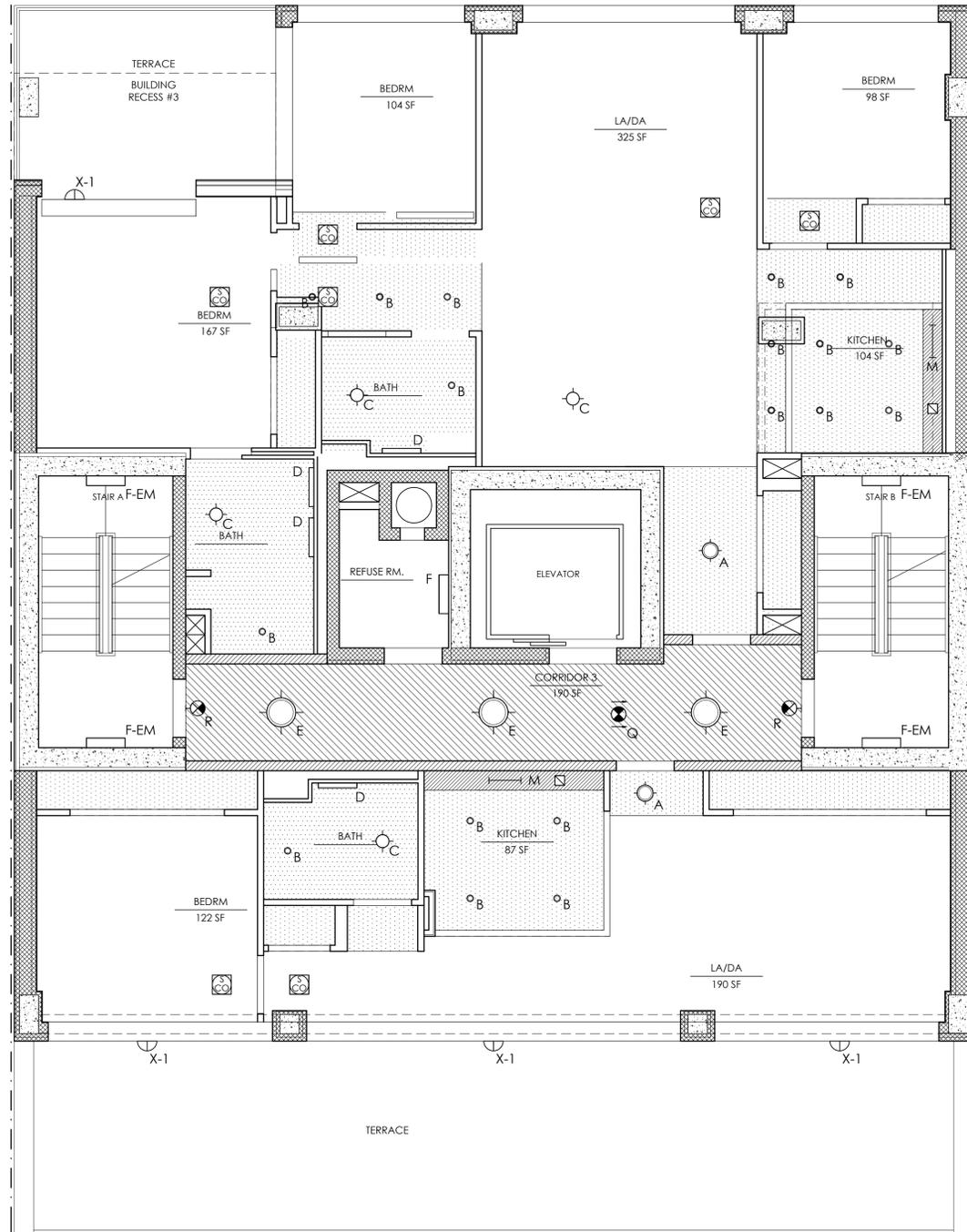


REFLECTED CEILING PLAN SYMBOL KEY

	EXPOSED STRUCTURE		CEILING MOUNTED LIGHT FIXTURE		EXTERIOR CEILING MOUNTED LIGHT FIXTURE		CEILING MOUNTED EXIT LIGHTS
	SUSPENDED GYP. BD SOFFIT/CEILING - TIGHT TO BEAMS/STRUCTURE		RECESSED LIGHT FIXTURE		EXTERIOR WALL MOUNTED LIGHT FIXTURE		DIRECTIONAL ARROWS
	SUSPENDED GYP. BD SOFFIT/CEILING @ 8'-6" A.F.F.		WALL MOUNTED SCONCE		MECHANICAL VENT		WALL MOUNTED EXIT LIGHTS
	SUSPENDED GYP. BD SOFFIT/CEILING @ 7'-8" A.F.F.		UNDER CABINET LIGHT FIXTURE		CARBON/SMOKE DETECTOR		EM EMERGENCY PACK
	SUSPENDED GYP. BD SOFFIT/CEILING @ 8'-0" A.F.F.		WALL OR CLNG. MOUNTED LIGHT FIXTURE		CEILING ACCESS DOOR		X'-X" A.F.F. CEILING HEIGHT
	2X2 ACT CEILING TILES		LINEAR CEILING MOUNTED LIGHT FIXTURE				
	2X4 EXTERIOR PANELS						

NOTES:

1. ALL SWITCHES AND OUTLETS TO BE BY LEVITON DECORA SERIES, WHITE, U.O.N. EXCEPT IN MECHANICAL ROOMS AND RESTRICTED ACCESS AREAS, INCLUDING PARKING. SEE ELEC. DWGS. FOR WIRING AND FOR SMOKE TEST NOTES AT APARTMENTS.
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6. LIGHT FIXTURES TO BE CENTERED IN ROOM U.O.N.



INTERIOR LIGHTING FIXTURE SCHEDULE - SIXTH FLOOR

SYMBOL	FIXTURE	DESCRIPTION	MODEL	LAMP TYPE & QTY	VOLTAGE	FIXTURE WATTAGE	FIXTURE QTY	TOTAL WATTAGE	NOTES
	A	CLNG. MTD. @ FOYER	TBD	2 x 13W CFL	120 V	26 W	2	52 W	
	B	CLNG. MTD. RECESSED	TBD	2 x 32W CFL	120 V	64 W	18	1152 W	
	C	CLNG. MTD.	TBD	1 x 13W CFL	120 V	13 W	4	52 W	
	D	WALL MTD.	TBD	1 x F24 T5	120 V	24 W	4	96 W	
	E	CLNG. MTD.	TBD	1 x 32 FC12 T9	120 V	32 W	3	96 W	MOTION SENSOR BILEVEL
	F	WALL MTD. 4 FT.	TBD	2 x F32 T8	120 V	64 W	5	320 W	MOTION SENSOR BILEVEL
	G	WALL MTD. 2 FT.	TBD	2 x F32 T8	120 V	64 W	0	0 W	MOTION SENSOR / ON/OFF
	H	CLNG. MTD.	TBD	2 x F32 T8	120 V	64 W	0	0 W	
	J	DECORATIVE SURFACE MTD.	TBD	2 x 32W CFL	120 V	64 W	0	0 W	
	M	UNDER CABINET	TBD	1 x F14 T5	120 V	14 W	2	28 W	
	P	WALL MTD.	TBD	1 x 13W CFL	120 V	13 W	0	0 W	
	Q	CLNG. MTD. EXIT SIGN	TBD	LED	UNIV	4 W	1	4 W	
	R	WALL MTD. EXIT SIGN	TBD	LED	UNIV	4 W	2	8 W	
TOTAL WATTAGE :								1808 W	

EXTERIOR LIGHTING FIXTURE SCHEDULE

SYMBOL	FIXTURE	DESCRIPTION	MODEL	LAMP TYPE & QTY	VOLTAGE	FIXTURE WATTAGE	FIXTURE QTY	TOTAL WATTAGE	NOTES
	X-1	WALL MTD.	TBD	1X LED MOD 18W	120 V	18 W	4	72 W	VANDAL RESISTANT ; TIMER ON/OFF; SWITCHED AT PRIVATE TERRACES ONLY
	X-2	WALL MTD.	TBD	1X LED MOD 40W	120 V	40 W	0	0 W	VANDAL RESISTANT ; PHOTOCELL ON TIMER OFF
	X-3	CLNG. MTD.	TBD	1X 50 W MH	120 V	50 W	0	0 W	VANDAL RESISTANT ; TIMER ON/OFF
	X-4	RECESSED CLNG. MTD.	TBD	1X LED MOD 40W	120 V	40 W	0	0 W	TIMER ON/OFF
	X-5	CLNG. MTD.	TBD	1X 50 W MH	120 V	50 W	0	0 W	VANDAL RESISTANT ; TIMER ON/OFF
TOTAL WATTAGE :								72 W	

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

PROJECT:

925 ATLANTIC AVE
BROOKLYN, NY 11233

ROART

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TEL: 718-544-3764
FAX: 718-412-1799

ARCHITECT OF RECORD

feingold & gregory · architects

118 West 83rd Street - New York, N.Y. - 10024
TEL: (212) 595-8895 - FAX: (212) 781-8992

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.

STRUCTURAL ENGINEER

GACE consulting engineers pc

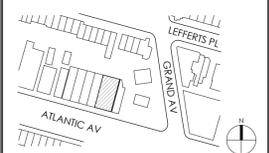
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MECHANICAL ENGINEER

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SITE PLAN



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REFLECTED CEILING
PLAN - SIXTH FLOOR

DATE: 12/31/2015

SCALE: AS NOTED

DRAWN BY: JD, MT

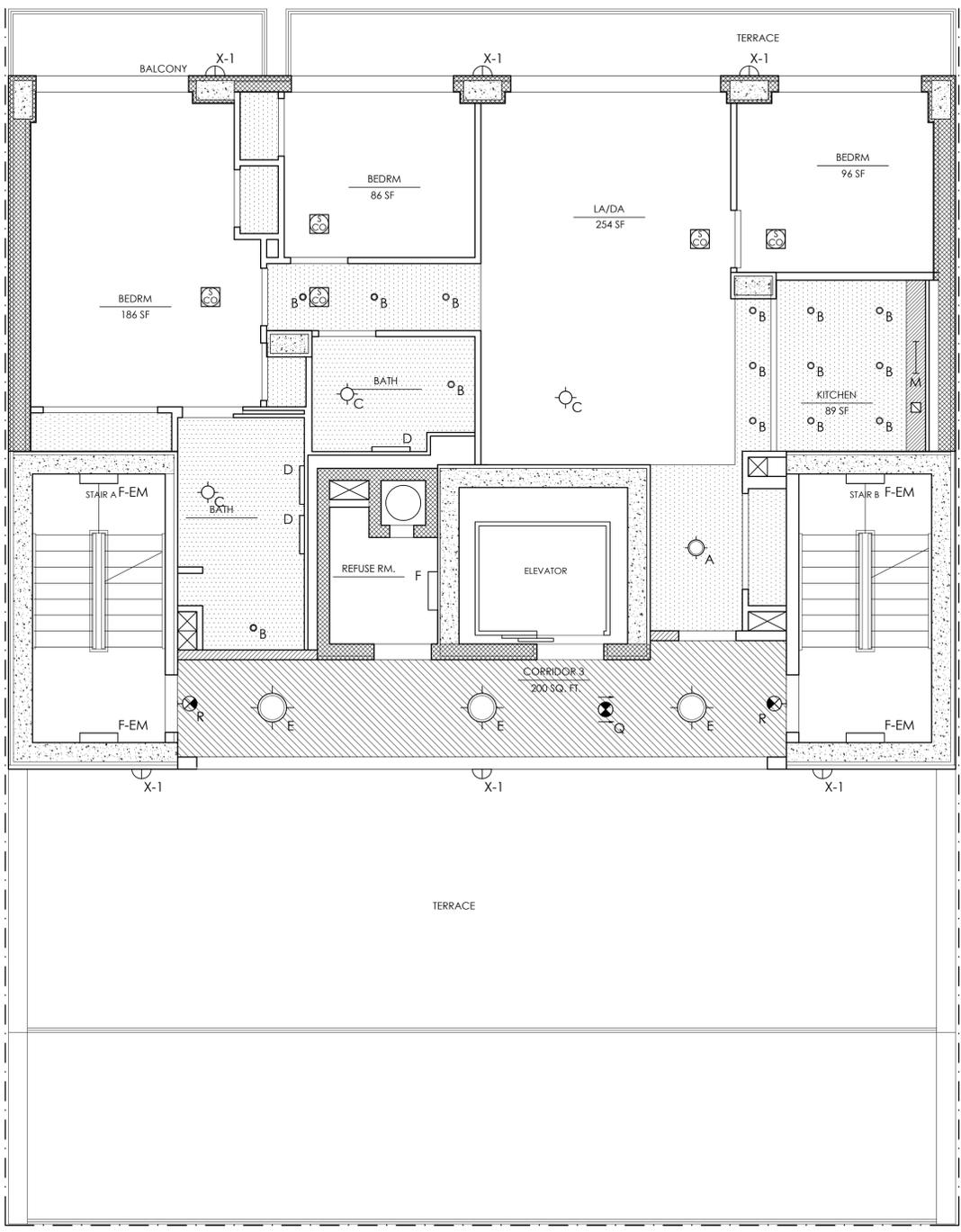
CHECKED BY: JD

DRAWING NO: 32 OF 43

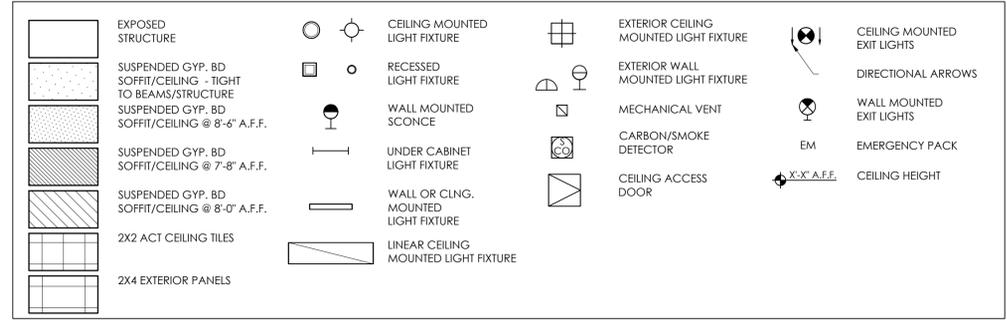
SHEET: A-156.00

SEAL & SIGNATURE





REFLECTED CEILING PLAN SYMBOL KEY



NOTES:

1. ALL SWITCHES AND OUTLETS TO BE BY LEVITON DECORA SERIES, WHITE, U.O.N. EXCEPT IN MECHANICAL ROOMS AND RESTRICTED ACCESS AREAS, INCLUDING PARKING. SEE ELEC. DWGS. FOR WIRING AND FOR SMOKE TEST NOTES AT APARTMENTS.
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4. SEE FIRE PROTECTION DWGS. FOR SPRINKLER INFO.
5. SEE MECH DWGS. FOR EQUIPMENT INFO.
6. LIGHT FIXTURES TO BE CENTERED IN ROOM U.O.N.

INTERIOR LIGHTING FIXTURE SCHEDULE - SEVENTH FLOOR

SYMBOL	FIXTURE	DESCRIPTION	MODEL	LAMP TYPE & QTY	VOLTAGE	FIXTURE WATTAGE	FIXTURE QTY	TOTAL WATTAGE	NOTES
⊙	A	CLNG. MTD. @ FOYER	TBD	2 x 13W CFL	120 V	26 W	1	26 W	
○	B	CLNG. MTD. RECESSED	TBD	2 x 32W CFL	120 V	64 W	14	896 W	
⊙	C	CLNG. MTD.	TBD	1 x 13W CFL	120 V	13 W	3	39 W	
—	D	WALL MTD.	TBD	1 x F24 T5	120 V	24 W	3	72 W	
⊙	E	CLNG. MTD.	TBD	1 x 32 FC12 T9	120 V	32 W	3	96 W	MOTION SENSOR BILEVEL
—	F	WALL MTD. 4 FT.	TBD	2 x F32 T8	120 V	64 W	5	320 W	MOTION SENSOR BILEVEL
—	G	WALL MTD. 2 FT.	TBD	2 x F32 T8	120 V	64 W	0	0 W	MOTION SENSOR / ON/OFF
—	H	CLNG. MTD.	TBD	2 x F32 T8	120 V	64 W	0	0 W	
⊙	J	DECORATIVE SURFACE MTD.	TBD	2 x 32W CFL	120 V	64 W	0	0 W	
—	M	UNDER CABINET	TBD	1 x F14 T5	120 V	14 W	1	14 W	
⊙	P	WALL MTD.	TBD	1 x 13W CFL	120 V	13 W	0	0 W	
⊙	Q	CLNG. MTD. EXIT SIGN	TBD	LED	UNIV	4 W	1	4 W	
⊙	R	WALL MTD. EXIT SIGN	TBD	LED	UNIV	4 W	2	8 W	
TOTAL WATTAGE :								1476 W	

EXTERIOR LIGHTING FIXTURE SCHEDULE

SYMBOL	FIXTURE	DESCRIPTION	MODEL	LAMP TYPE & QTY	VOLTAGE	FIXTURE WATTAGE	FIXTURE QTY	TOTAL WATTAGE	NOTES
⊙	X-1	WALL MTD.	TBD	1X LED MOD 18W	120 V	18 W	6	108 W	VANDAL RESISTANT ; TIMER ON/OFF; SWITCHED AT PRIVATE TERRACES ONLY
⊙	X-2	WALL MTD.	TBD	1X LED MOD 40W	120 V	40 W	0	0 W	VANDAL RESISTANT ; PHOTOCELL ON TIMER OFF
⊙	X-3	CLNG. MTD.	TBD	1X 50 W MH	120 V	50 W	0	0 W	VANDAL RESISTANT ; TIMER ON/OFF
⊙	X-4	RECESSED CLNG. MTD.	TBD	1X LED MOD 40W	120 V	40 W	0	0 W	TIMER ON/OFF
⊙	X-5	CLNG. MTD.	TBD	1X 50 W MH	120 V	50 W	0	0 W	VANDAL RESISTANT ; TIMER ON/OFF
TOTAL WATTAGE :								108 W	

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

PROJECT:

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BROOKLYN, NY 11233

ROART
304 MALCOLM X BLVD
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ARCHITECT OF RECORD

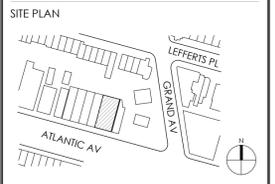
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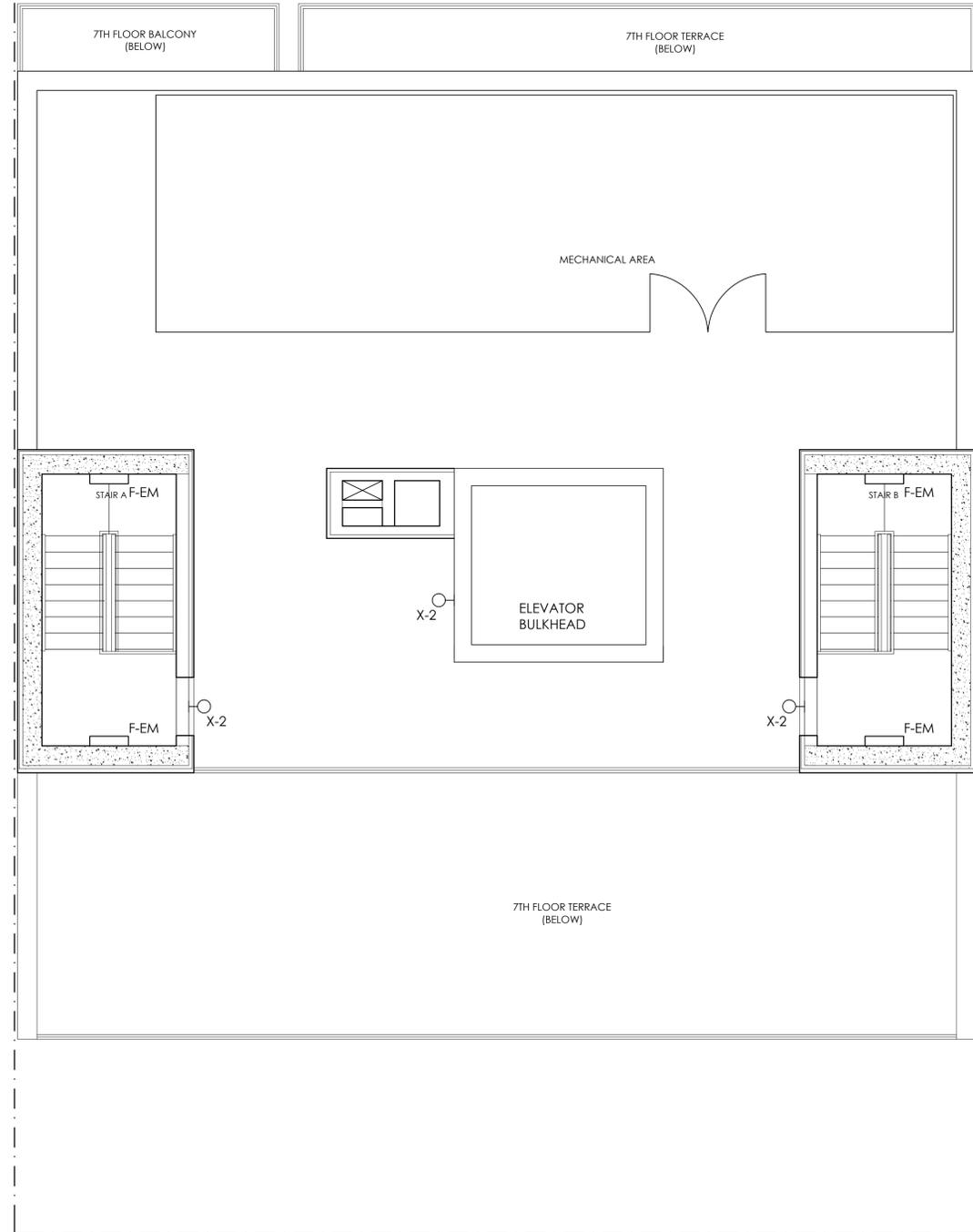
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DRAWING TITLE:

REFLECTED CEILING PLAN - SEVENTH FLOOR

DATE: 12/31/2015
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CHECKED BY: JD
DRAWING NO: 33 OF 43
SHEET: **A-157.00**





REFLECTED CEILING PLAN SYMBOL KEY

	EXPOSED STRUCTURE		CEILING MOUNTED LIGHT FIXTURE		EXTERIOR CEILING MOUNTED LIGHT FIXTURE		CEILING MOUNTED EXIT LIGHTS
	SUSPENDED GYP. BD SOFFIT/CEILING - TIGHT TO BEAMS/STRUCTURE		RECESSED LIGHT FIXTURE		EXTERIOR WALL MOUNTED LIGHT FIXTURE		DIRECTIONAL ARROWS
	SUSPENDED GYP. BD SOFFIT/CEILING @ 8'-6" A.F.F.		WALL MOUNTED SCONCE		MECHANICAL VENT		WALL MOUNTED EXIT LIGHTS
	SUSPENDED GYP. BD SOFFIT/CEILING @ 7'-8" A.F.F.		UNDER CABINET LIGHT FIXTURE		CARBON/SMOKE DETECTOR		EM EMERGENCY PACK
	SUSPENDED GYP. BD SOFFIT/CEILING @ 8'-0" A.F.F.		WALL OR CLNG. MOUNTED LIGHT FIXTURE		CEILING ACCESS DOOR		X'-X" A.F.F. CEILING HEIGHT
	2X2 ACT CEILING TILES		LINEAR CEILING MOUNTED LIGHT FIXTURE				
	2X4 EXTERIOR PANELS						

NOTES:

1. ALL SWITCHES AND OUTLETS TO BE BY LEVITON DECORA SERIES, WHITE, U.O.N. EXCEPT IN MECHANICAL ROOMS AND RESTRICTED ACCESS AREAS, INCLUDING PARKING. SEE ELEC. DWGS. FOR WIRING AND FOR SMOKE TEST NOTES AT APARTMENTS.
2. REFER TO FIRE ALARM DWGS. FOR SMOKE TEST NOTE FOR FIRE ALARM SYSTEM.
3. ALL EXIT & EMERGENCY LIGHTING WILL BE PROVIDED WITH BUILT IN EMERGENCY BATTERY PACK TO PROVIDE A MINIMUM OF 90 MINUTES OF EMERGENCY LIGHTING.
4. SEE FIRE PROTECTION DWGS. FOR SPRINKLER INFO.
5. SEE MECH DWGS. FOR EQUIPMENT INFO.
6. LIGHT FIXTURES TO BE CENTERED IN ROOM U.O.N.

INTERIOR LIGHTING FIXTURE SCHEDULE - ROOF FLOOR

SYMBOL	FIXTURE	DESCRIPTION	MODEL	LAMP TYPE & QTY	VOLTAGE	FIXTURE WATTAGE	FIXTURE QTY	TOTAL WATTAGE	NOTES
	A	CLNG. MTD. @ FOYER	TBD	2 x 13W CFL	120 V	26 W	0	0 W	
	B	CLNG. MTD. RECESSED	TBD	2 x 32W CFL	120 V	64 W	0	0 W	
	C	CLNG. MTD.	TBD	1 x 13W CFL	120 V	13 W	0	0 W	
	D	WALL MTD.	TBD	1 x F24 T5	120 V	24 W	0	0 W	
	E	CLNG. MTD.	TBD	1 x 32 FC12 T9	120 V	32 W	0	0 W	MOTION SENSOR BILEVEL
	F	WALL MTD. 4 FT.	TBD	2 x F32 T8	120 V	64 W	4	256 W	MOTION SENSOR BILEVEL
	G	WALL MTD. 2 FT.	TBD	2 x F32 T8	120 V	64 W	0	0 W	MOTION SENSOR / ON/OFF
	H	CLNG. MTD.	TBD	2 x F32 T8	120 V	64 W	0	0 W	
	J	DECORATIVE SURFACE MTD.	TBD	2 x 32W CFL	120 V	64 W	0	0 W	
	M	UNDER CABINET	TBD	1 x F14 T5	120 V	14 W	0	0 W	
	P	WALL MTD.	TBD	1 x 13W CFL	120 V	13 W	0	0 W	
	Q	CLNG. MTD. EXIT SIGN	TBD	LED	UNIV	4 W	0	0 W	
	R	WALL MTD. EXIT SIGN	TBD	LED	UNIV	4 W	0	0 W	
TOTAL WATTAGE :								256 W	

EXTERIOR LIGHTING FIXTURE SCHEDULE

SYMBOL	FIXTURE	DESCRIPTION	MODEL	LAMP TYPE & QTY	VOLTAGE	FIXTURE WATTAGE	FIXTURE QTY	TOTAL WATTAGE	NOTES
	X-1	WALL MTD.	TBD	1X LED MOD 18W	120 V	18 W	0	0 W	VANDAL RESISTANT ; TIMER ON/OFF; SWITCHED AT PRIVATE TERRACES ONLY
	X-2	WALL MTD.	TBD	1X LED MOD 40W	120 V	40 W	3	120 W	VANDAL RESISTANT ; PHOTOCELL ON TIMER OFF
	X-3	CLNG. MTD.	TBD	1X 50 W MH	120 V	50 W	0	0 W	VANDAL RESISTANT ; TIMER ON/OFF
	X-4	RECESSED CLNG. MTD.	TBD	1X LED MOD 40W	120 V	40 W	0	0 W	TIMER ON/OFF
	X-5	CLNG. MTD.	TBD	1X 50 W MH	120 V	50 W	0	0 W	VANDAL RESISTANT ; TIMER ON/OFF
TOTAL WATTAGE :								120 W	

PROJECT:

925 ATLANTIC AVE
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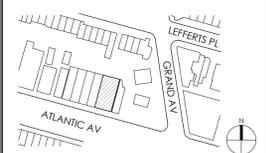
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MECHANICAL ENGINEER

NEVILLE ENGINEERING GROUP

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SITE PLAN



PROJECT No: 1501

1 DOB REVIEW 12/31/15
1 ISSUED FOR DOB FILING 08/06/15
REV. DATE

DRAWING TITLE:

REFLECTED CEILING
PLAN - ROOF FLOOR

DATE: 12/31/2015

SCALE: AS NOTED

DRAWN BY: JD, MT

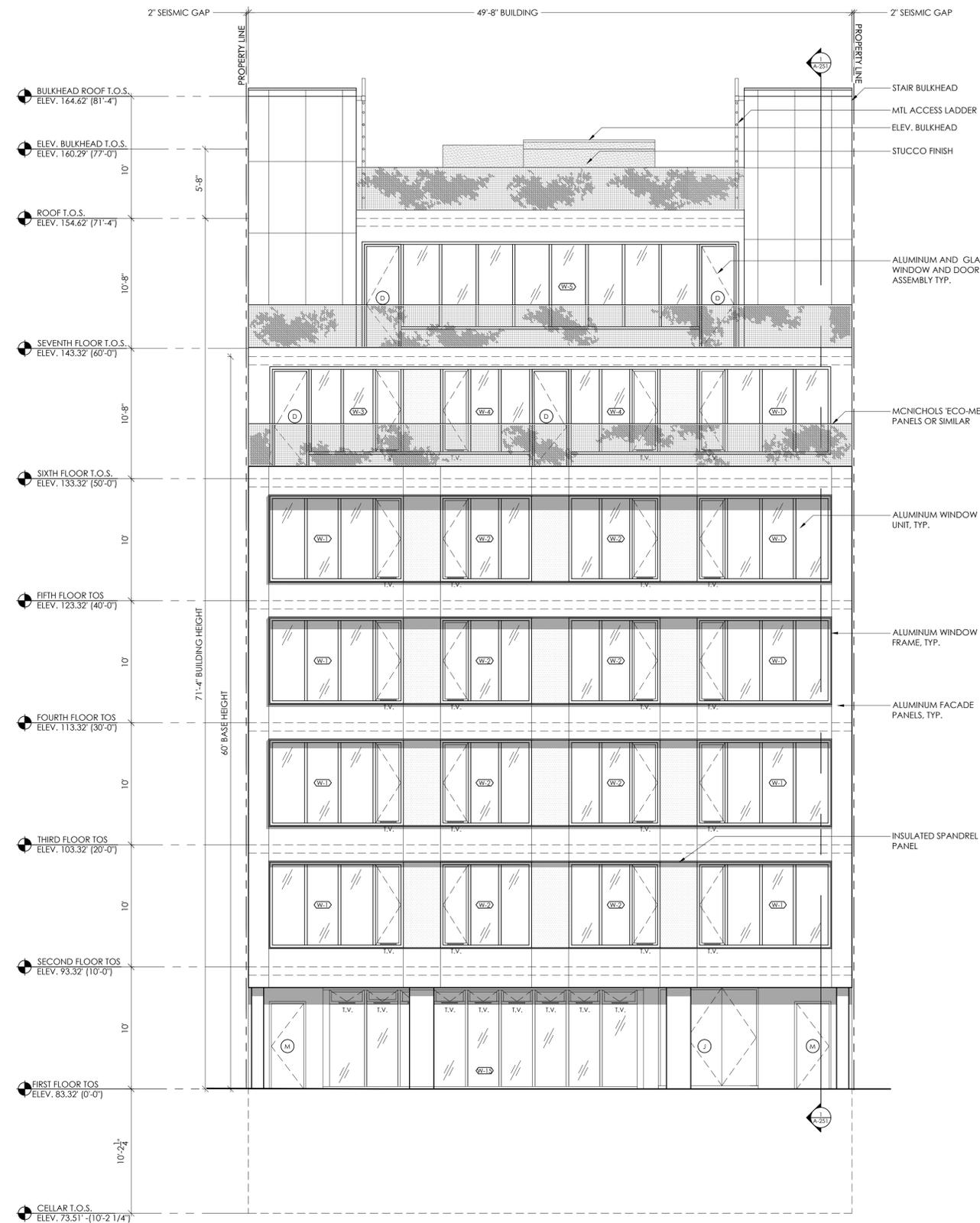
CHECKED BY: JD

DRAWING NO: 34 OF 43

SHEET: A-158.00

SEAL & SIGNATURE





1 BUILDING ELEVATION - SOUTH
3/16" = 1'-0"



2 BUILDING ELEVATION - NORTH
3/16" = 1'-0"

PROJECT:

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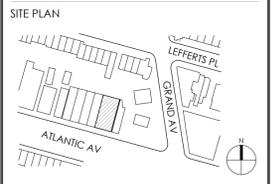
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PROJECT No: 1501

1 DOB REVIEW 12/31/15
1 ISSUED FOR DOB FILING 08/06/15
REV. DATE

DRAWING TITLE:

EXTERIOR ELEVATIONS

DATE: 12/31/2015

SCALE: AS NOTED

DRAWN BY: JD, MT

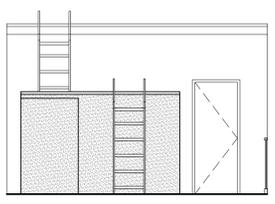
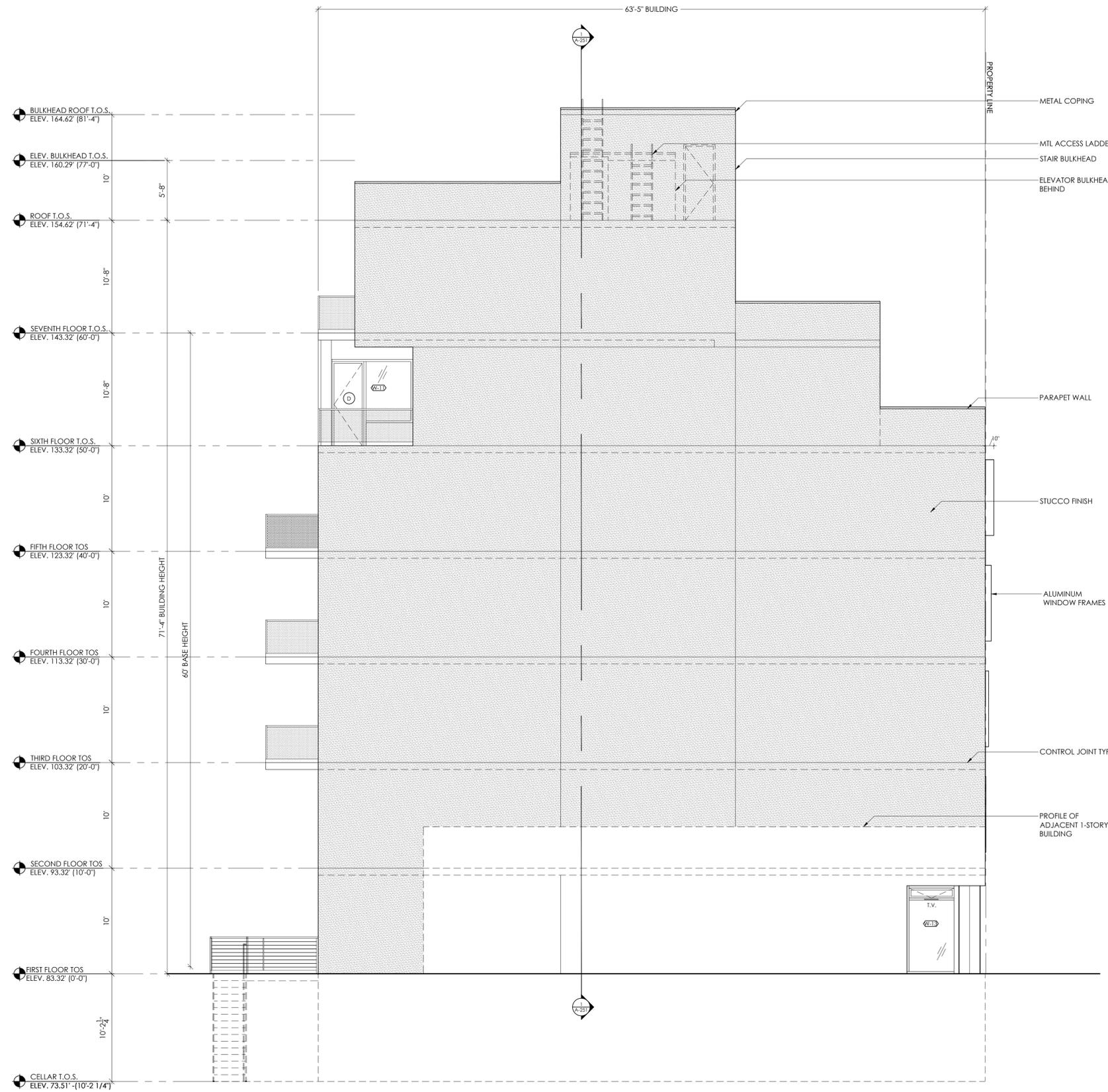
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DRAWING NO: 35 OF 43

SHEET: **A-201.00**



PROPERTY LINE



PARTIAL BULKHEAD ELEVATION
3/16" = 1'-0"

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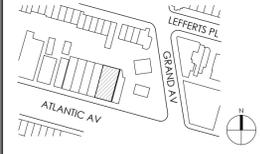
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SITE PLAN



PROJECT No: 1501

1	DOB REVIEW	12/31/15
1	ISSUED FOR DOB FILING REV.	08/06/15 DATE

DRAWING TITLE:

EXTERIOR ELEVATION

DATE: 12/31/2015

SCALE: AS NOTED

DRAWN BY: JD, MT

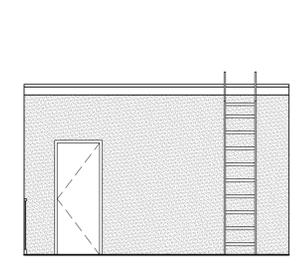
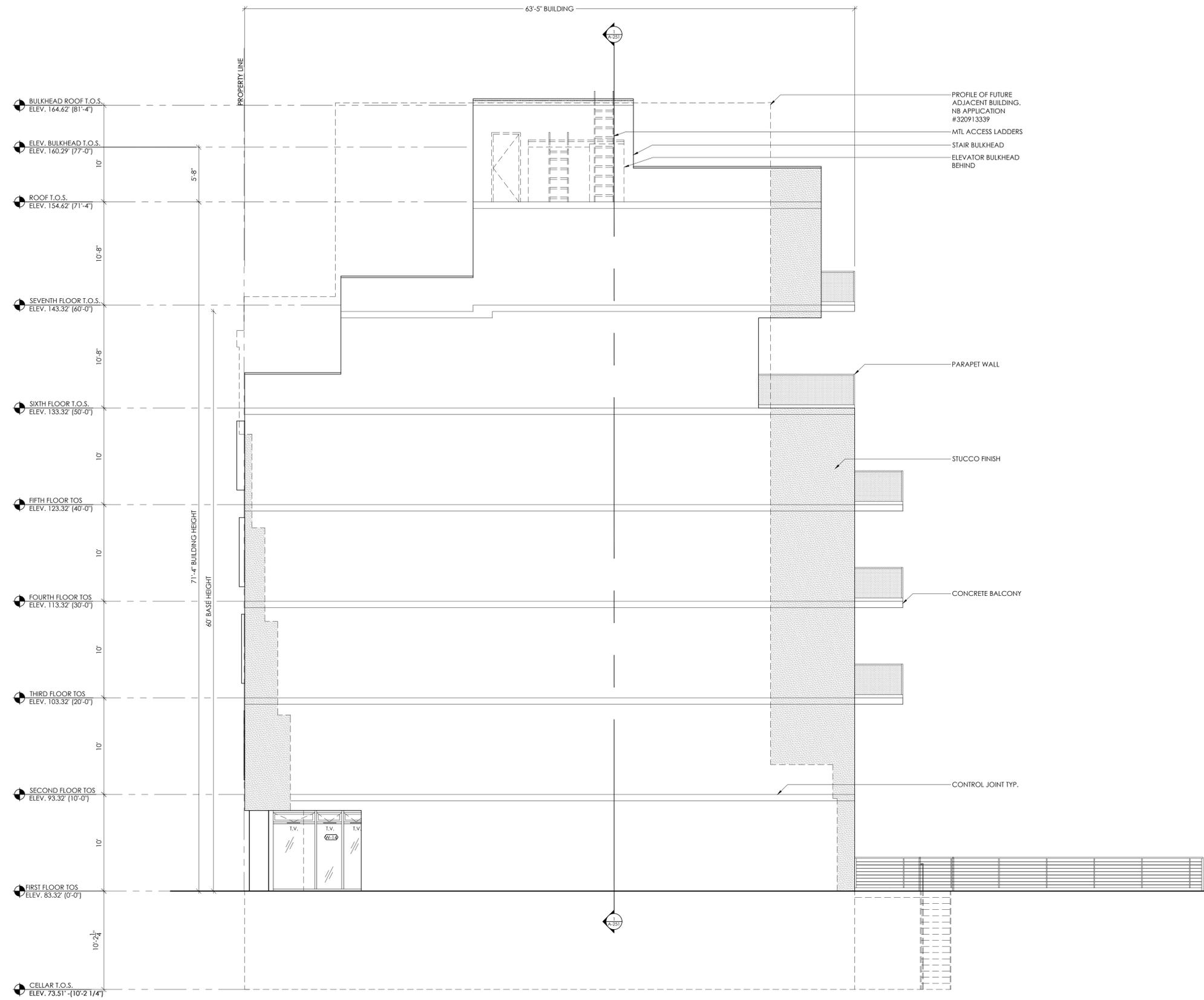
CHECKED BY: JD

DRAWING NO: 36 OF 43

SHEET: **A-202.00**

SEAL & SIGNATURE ARCHITECT





PROFILE OF FUTURE
ADJACENT BUILDING.
NB APPLICATION
#320913339

MTL ACCESS LADDERS
STAIR BULKHEAD
ELEVATOR BULKHEAD
BEHIND

PARAPET WALL

STUCCO FINISH

CONCRETE BALCONY

CONTROL JOINT TYP.

1 BUILDING ELEVATION - EAST
3/16" = 1'-0"

PROJECT:
925 ATLANTIC AVE
BROOKLYN, NY 11233

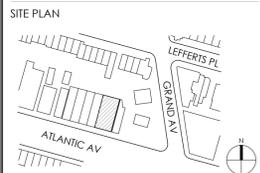
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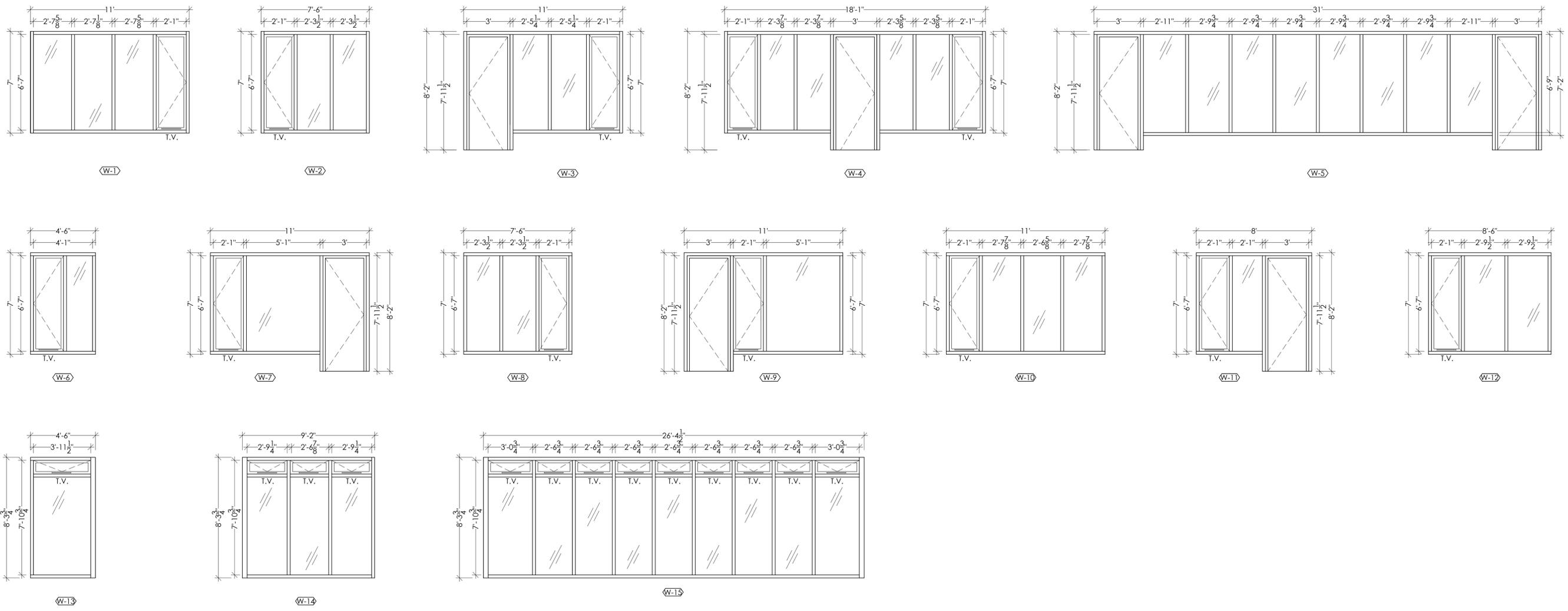


PROJECT No:	1501
1 DOB REVIEW	12/31/15
1 ISSUED FOR DOB FILING	08/06/15
REV.	DATE

DRAWING TITLE:
EXTERIOR ELEVATION

DATE: 12/31/2015
SCALE: AS NOTED
DRAWN BY: JD, MT
CHECKED BY: JD
DRAWING NO: 37 OF 43
SHEET: **A-203.00**





WINDOW SCHEDULE - SOUTH ELEVATION

WINDOW NO.	QTY.	FRAME		GLAZING		DIMENSIONS		GLAZING		OITC RATING	MAX. U-FACTOR	MAX. SHGC	DESCRIPTION	ARCHITECTURAL TESTING DATA ID#	WINDOW MFG. AND MODEL #
		MATERIAL	FINISH	TYPE	TREATMENT	WIDTH	HEIGHT	TYPE	TREATMENT						
W-1	9	ALUMINUM	ANODIZED	1" IGU	LOW-E	11'-0"	7'-0"	1/2" IGU [3/8" - 1/2" A.S. - 1/2"]	LOW-E	31	0.49	0.33	CASEMENT + FIXED	D1170.01B	REYNAERS CS68
W-2	8	ALUMINUM	ANODIZED	1" IGU	LOW-E	7'-6"	7'-0"	1/2" IGU [3/8" - 1/2" A.S. - 1/2"]	LOW-E	31	0.49	0.33	CASEMENT + FIXED	D1170.01B	REYNAERS CS68
W-3	1	ALUMINUM	ANODIZED	1" IGU	LOW-E	11'-0"	7'-0"	1/2" IGU [3/8" - 1/2" A.S. - 1/2"]	LOW-E	31	0.49	0.33	CASEMENT + FIXED	D1170.01B	REYNAERS CS68
W-4	1	ALUMINUM	ANODIZED	1" IGU	LOW-E	18'-1"	7'-0"	1/2" IGU [3/8" - 1/2" A.S. - 1/2"]	LOW-E	31	0.49	0.33	CASEMENT + FIXED	D1170.01B	REYNAERS CS68
W-5	1	ALUMINUM	ANODIZED	1" IGU	LOW-E	31'-0"	7'-2"	1/2" IGU [3/8" - 1/2" A.S. - 1/2"]	LOW-E	31	0.49	0.33	FIXED	D1170.01B	REYNAERS CS68
W-15	1	ALUMINUM	ANODIZED	1" IGU	LOW-E	26'-4 1/2"	8'-4 3/4"	1/2" IGU [3/8" - 1/2" A.S. - 1/2"]	LOW-E	31	0.49	0.33	CASEMENT + FIXED	D1170.01B	REYNAERS CS68

NOTE: WINDOWS MARKED WITH A 'T.V.' WILL RECEIVE TITON SLOT VENTILATOR - TRIMVENT SM405 - AS AN ALTERNATE MEANS OF VENTILATION.

WINDOW SCHEDULE - NORTH ELEVATION

WINDOW NO.	QTY.	FRAME		GLAZING		DIMENSIONS		GLAZING		OITC RATING	MAX. U-FACTOR	MAX. SHGC	DESCRIPTION	ARCHITECTURAL TESTING DATA ID#	WINDOW MFG. AND MODEL #
		MATERIAL	FINISH	TYPE	TREATMENT	WIDTH	HEIGHT	TYPE	TREATMENT						
W-6	2	ALUMINUM	ANODIZED	1" IGU	LOW-E	4'-6"	7'-0"	1/2" IGU [3/8" - 1/2" A.S. - 1/2"]	LOW-E	31	0.49	0.33	CASEMENT + FIXED	D1170.01B	REYNAERS CS68
W-7	4	ALUMINUM	ANODIZED	1" IGU	LOW-E	11'-0"	7'-0"	1/2" IGU [3/8" - 1/2" A.S. - 1/2"]	LOW-E	31	0.49	0.33	CASEMENT + FIXED	D1170.01B	REYNAERS CS68
W-8	11	ALUMINUM	ANODIZED	1" IGU	LOW-E	7'-6"	7'-0"	1/2" IGU [3/8" - 1/2" A.S. - 1/2"]	LOW-E	31	0.49	0.33	CASEMENT + FIXED	D1170.01B	REYNAERS CS68
W-9	6	ALUMINUM	ANODIZED	1" IGU	LOW-E	11'-0"	7'-0"	1/2" IGU [3/8" - 1/2" A.S. - 1/2"]	LOW-E	31	0.49	0.33	CASEMENT + FIXED	D1170.01B	REYNAERS CS68
W-10	3	ALUMINUM	ANODIZED	1" IGU	LOW-E	11'-0"	7'-0"	1/2" IGU [3/8" - 1/2" A.S. - 1/2"]	LOW-E	31	0.49	0.33	CASEMENT + FIXED	D1170.01B	REYNAERS CS68
W-11	4	ALUMINUM	ANODIZED	1" IGU	LOW-E	8'-0"	7'-0"	1/2" IGU [3/8" - 1/2" A.S. - 1/2"]	LOW-E	31	0.49	0.33	CASEMENT + FIXED	D1170.01B	REYNAERS CS68
W-12	2	ALUMINUM	ANODIZED	1" IGU	LOW-E	8'-6"	7'-0"	1/2" IGU [3/8" - 1/2" A.S. - 1/2"]	LOW-E	31	0.49	0.33	CASEMENT + FIXED	D1170.01B	REYNAERS CS68

NOTE: WINDOWS MARKED WITH A 'T.V.' WILL RECEIVE TITON SLOT VENTILATOR - TRIMVENT SM405 - AS AN ALTERNATE MEANS OF VENTILATION.

WINDOW SCHEDULE - EAST ELEVATION

WINDOW NO.	QTY.	FRAME		GLAZING		DIMENSIONS		GLAZING		OITC RATING	MAX. U-FACTOR	MAX. SHGC	DESCRIPTION	ARCHITECTURAL TESTING DATA ID#	WINDOW MFG. AND MODEL #
		MATERIAL	FINISH	TYPE	TREATMENT	WIDTH	HEIGHT	TYPE	TREATMENT						
W-13	1	ALUMINUM	ANODIZED	1" IGU	LOW-E	4'-6"	8'-4 3/4"	1/2" IGU [3/8" - 1/2" A.S. - 1/2"]	LOW-E	31	0.49	0.33	FIXED	D1170.01B	REYNAERS CS68

NOTE: WINDOWS MARKED WITH A 'T.V.' WILL RECEIVE TITON SLOT VENTILATOR - TRIMVENT SM405 - AS AN ALTERNATE MEANS OF VENTILATION.

WINDOW SCHEDULE - WEST ELEVATION

WINDOW NO.	QTY.	FRAME		GLAZING		DIMENSIONS		GLAZING		OITC RATING	MAX. U-FACTOR	MAX. SHGC	DESCRIPTION	ARCHITECTURAL TESTING DATA ID#	WINDOW MFG. AND MODEL #
		MATERIAL	FINISH	TYPE	TREATMENT	WIDTH	HEIGHT	TYPE	TREATMENT						
W-14	1	ALUMINUM	ANODIZED	1" IGU	LOW-E	9'-2"	8'-4 3/4"	1/2" IGU [3/8" - 1/2" A.S. - 1/2"]	LOW-E	31	0.49	0.33	FIXED	D1170.01B	REYNAERS CS68

NOTE: WINDOWS MARKED WITH A 'T.V.' WILL RECEIVE TITON SLOT VENTILATOR - TRIMVENT SM405 - AS AN ALTERNATE MEANS OF VENTILATION.

PROJECT:
925 ATLANTIC AVE
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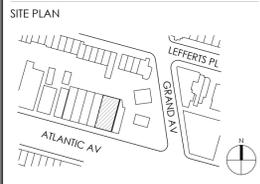
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PROJECT No: 1501

1 DOB REVIEW 12/31/15
1 ISSUED FOR DOB FILING 08/06/15
REV. DATE

DRAWING TITLE:

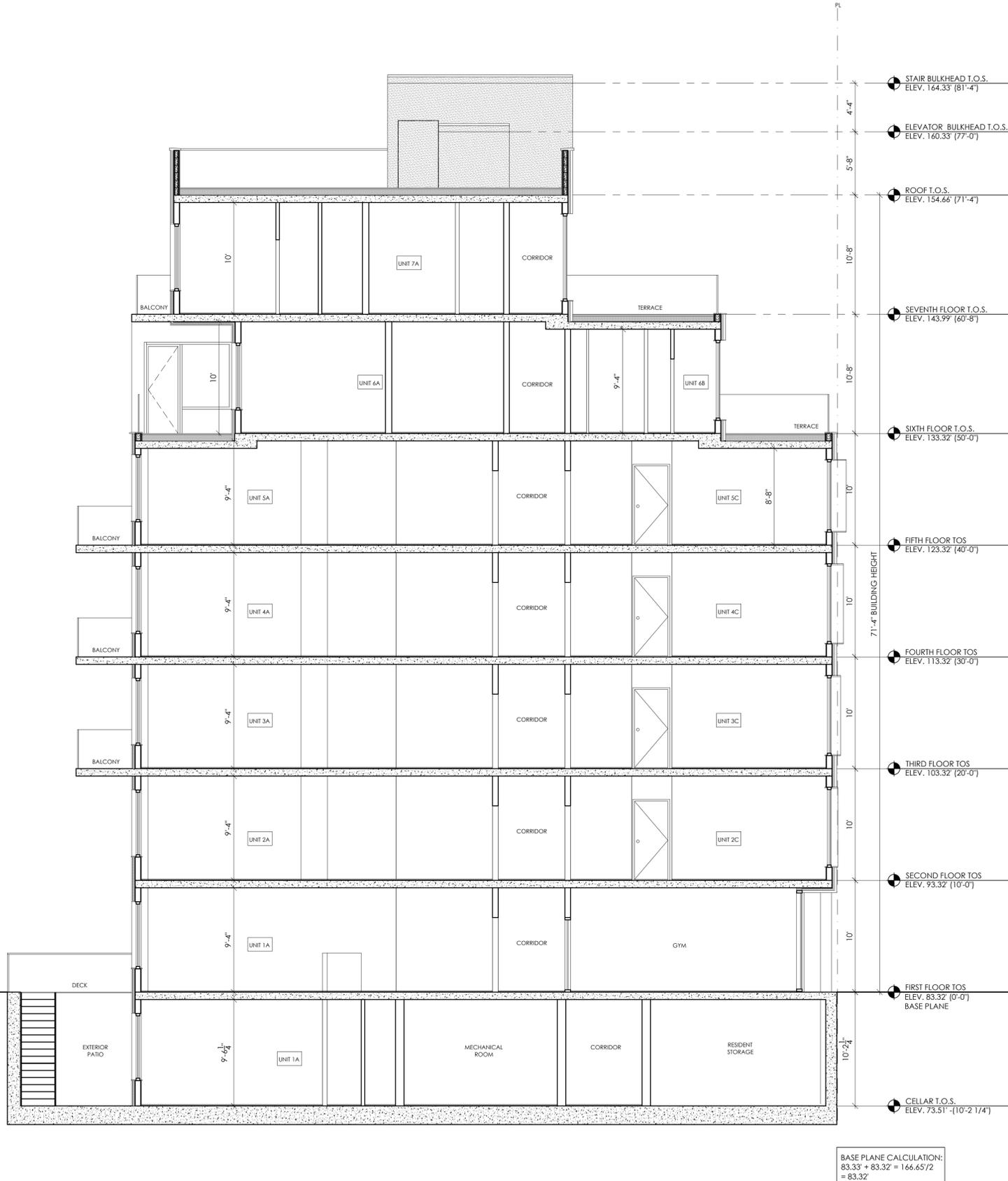
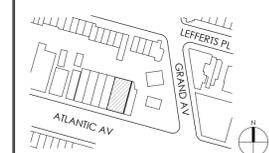
WINDOW SCHEDULES

DATE: 12/31/2015
SCALE: AS NOTED
DRAWN BY: JD, MT
CHECKED BY: JD
DRAWING NO: 38 OF 43
SHEET: **A-210.00**





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THE CONTRACTOR MUST
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THE ARCHITECT BEFORE
COMMENCING SUCH WORK.



BASE PLANE CALCULATION:
83.33' + 83.32' = 166.65/2
= 83.32'

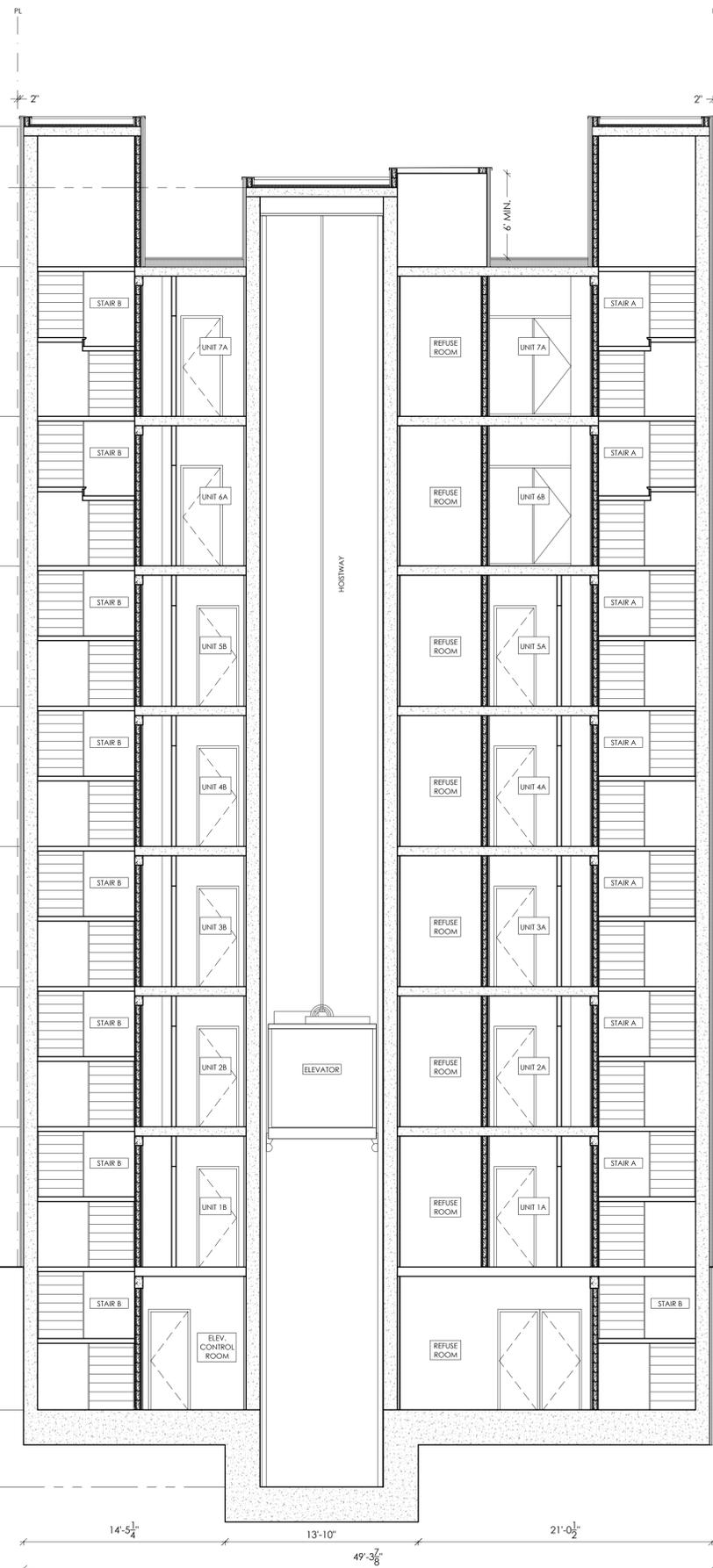
BASE PLANE CALCULATION:
83.33' + 83.32' = 166.65/2
= 83.32'

CELLAR T.O.S.
ELEV. 73.51' (10'-2 1/4")

ELEVATOR PIT T.O.S.
ELEV. 68.89' (15'-8 1/4")

2 BUILDING SECTION
3/16" = 1'-0"

1 BUILDING SECTION
3/16" = 1'-0"



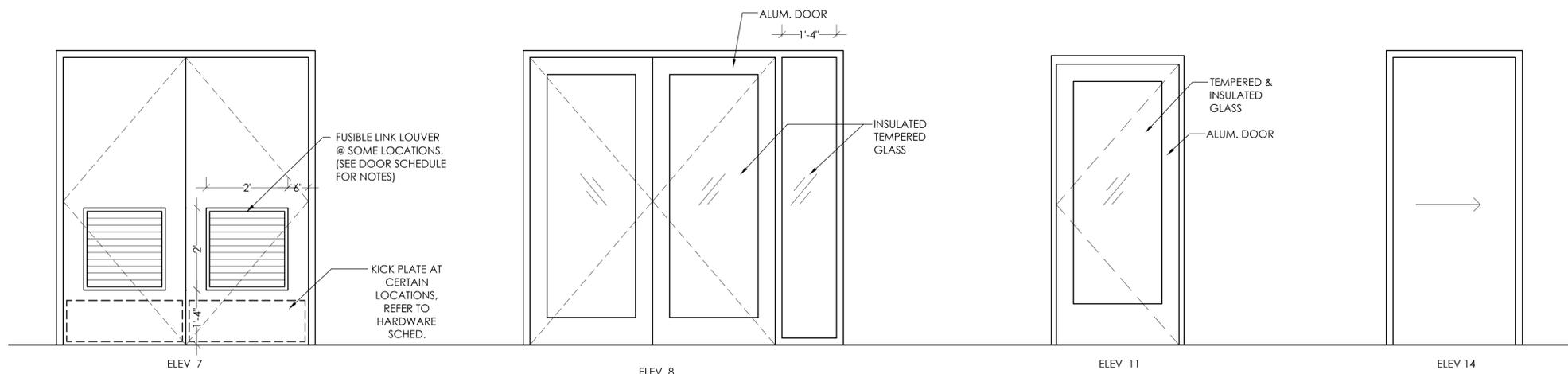
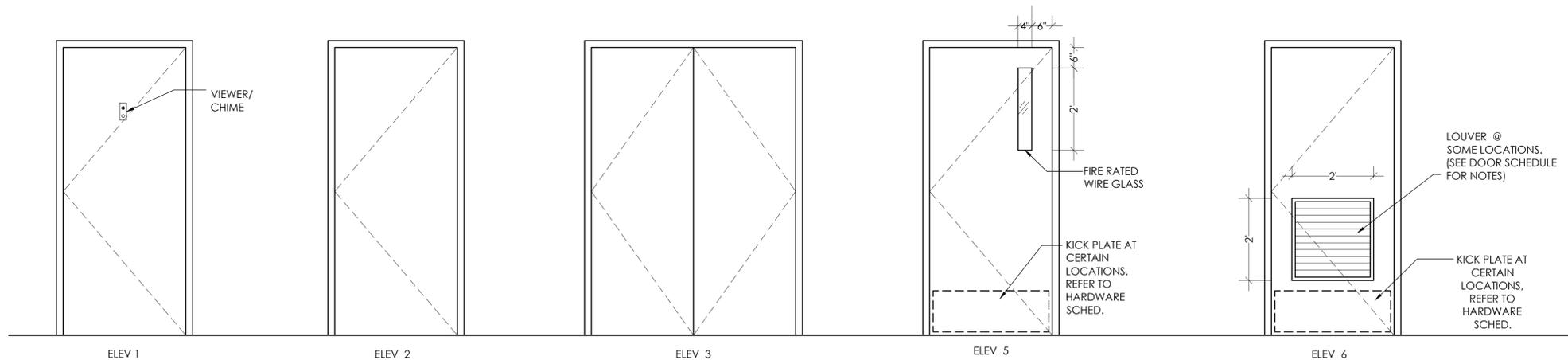
1 BUILDING SECTION
3/16" = 1'-0"

2 BUILDING SECTION
3/16" = 1'-0"

DOOR SCHEDULE

TYPE	FROM ROOM - TO ROOM	DOOR					FRAME MATERIAL	RATING	HARDWARE	THRESHOLD	DETAILS		NOTES
		ELEV	MATERIAL	WIDTH	HEIGHT	THK					HEAD/JAMB	SILL	
A	APT ENTRY	1	HM	3'-0"	7'-0"	1-3/4"	W	1.5 HR					FPSC, LEVER HANDLE, HEAVY DUTY LOCKSET, CARD READER
B	APT INTERIOR	2	WD	3'-0"	7'-0"	1-3/4"	KD						
C	APT BATH	2	WD	3'-0"	7'-0"	1-3/4"	KD						
C2	APT BATH-POCKET DOOR	14	WD	3'-0"	7'-0"	1-3/4"	KD						
D	APT TERRACE	11	ALUM/GL	3'-0"	7'-0"	1-3/4"	ALUM						
E	APT CLOSET-BIFOLD		WD	VA	7'-0"	1-3/4"	W						
F	LOBBY/CORRIDOR TO STAIR	5	HM	3'-0"	7'-0"	1-3/4"	W	1.5 HR					FPSC
F2	STAIR BULKHEAD TO ROOF	5	HM	3'-0"	7'-0"	1-3/4"	W	1.5 HR					FPSC
F3	CELLAR CORRIDOR TO STAIR "B"	5	HM	3'-0"	7'-0"	1-3/4"	W	1.5 HR					FPSC, INSULATED
F4	TYPICAL STAIR	5	HM	3'-0"	7'-0"	1-3/4"	W	1.5 HR					FPSC, KICK PLATE
G	REFUSE ROOM	6	HM	3'-0"	7'-0"	1-3/4"	W	1.5 HR					FPSC, KICK PLATE
H	RESIDENT STORAGE	6	HM	3'-0"	7'-0"	1-3/4"	W	1.5 HR					FPSC, KICK PLATE
H2	COMPACTOR ROOM	6	HM	4'-0"	7'-0"	1-3/4"	W	1.5 HR					FPSC, KICK PLATE
H3	ELECTRICAL ROOM	6	HM	3'-0"	7'-0"	1-3/4"	W	1.5 HR					FPSC, KICK PLATE
H4	WATER ROOM	6	HM	3'-0"	7'-0"	1-3/4"	W	1.5 HR					FPSC, KICK PLATE
H5	BIKE ROOM	6	HM	3'-0"	7'-0"	1-3/4"	W	1.5 HR					FPSC, KICK PLATE, CARD READER
H6	ELEVATOR CONTROL CLOSET-DBL	7	HM	(2) 1'-6"	7'-0"	1-3/4"	W	1.5 HR					FPSC, KICK PLATE
H7	MECHANICAL ROOM	6	HM	3'-0"	7'-0"	1-3/4"	W	1.5 HR					FPSC, KICK PLATE
J	RES. ENTRY FROM STREET	8	ALUM/GL	(2) 3'-0"	7'-0"	1-3/4"	W	1.5 HR					CARD READER
M	EGRESS STAIR TO STREET	5	HM	3'-0"	7'-0"	1-3/4"	W	1.5 HR					FPSC, CARD READER, INSULATED

DOOR TYPES



PROJECT:

925 ATLANTIC AVE
BROOKLYN, NY 11233

ROART

304 MALCOLM X BLVD
BROOKLYN, NEW YORK 11233
P: 718 428 5654
ROART.COM



304 MALCOLM X BLVD, BROOKLYN, NY 11233 TEL: 718-544-3764 FAX: 718-412-1779

ARCHITECT OF RECORD

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118 west 83rd street · new york, n.y. · 10024

tel: (212) 595-8886 · fax: (212) 787-8992

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.



STRUCTURAL ENGINEER

GACE consulting engineers pc

105 Madison Ave. New York, NY 10016

T: 212-545-7878 www.gace.net

MECHANICAL ENGINEER

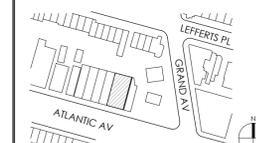
NEVILLE ENGINEERING GROUP

661 PLAINVIEW ROAD

BETHPAGE, NY 11714

(516) 522.6770

SITE PLAN



PROJECT No: 1501

DOOR TYPES AND SCHEDULES 12/31/15
REV. DATE 08/06/15

DRAWING TITLE:

DATE: 12/31/2015

SCALE: AS NOTED

DRAWN BY: JD, MT

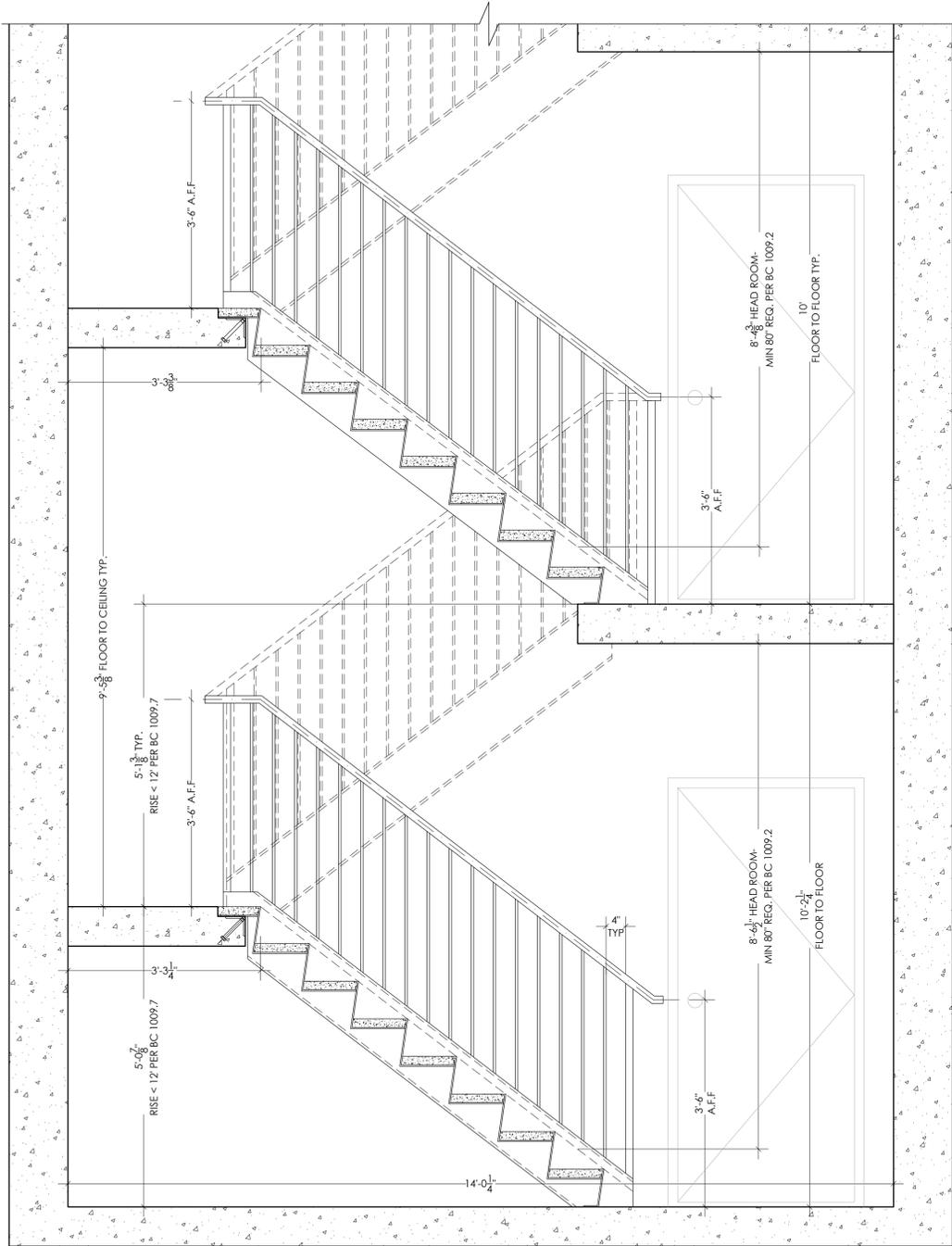
CHECKED BY: JD

DRAWING NO: 41 OF 43

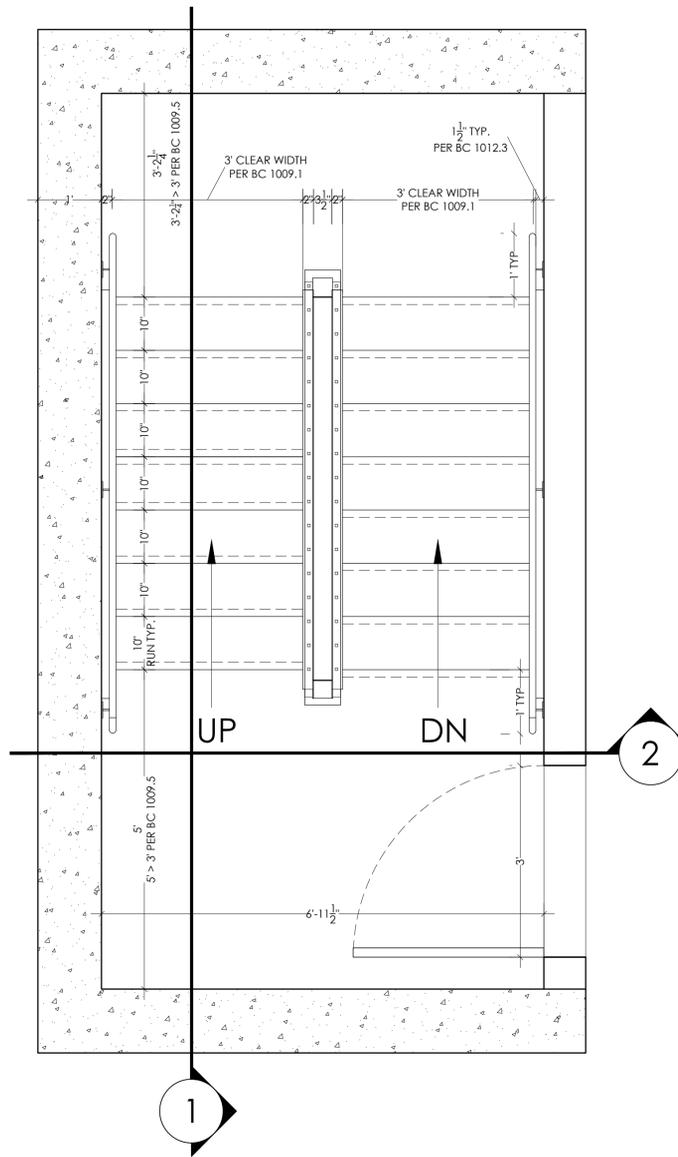
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SEAL & SIGNATURE

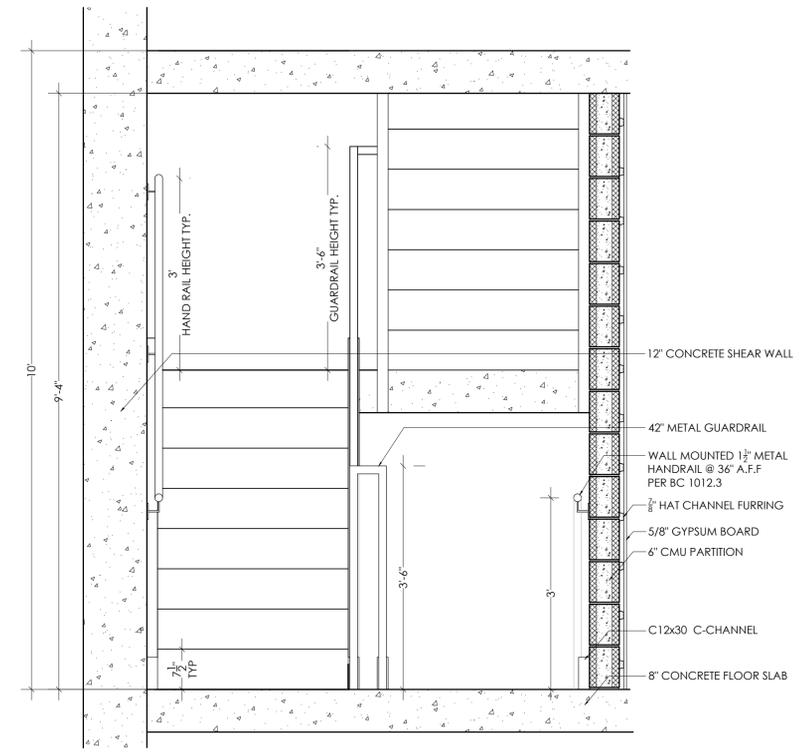




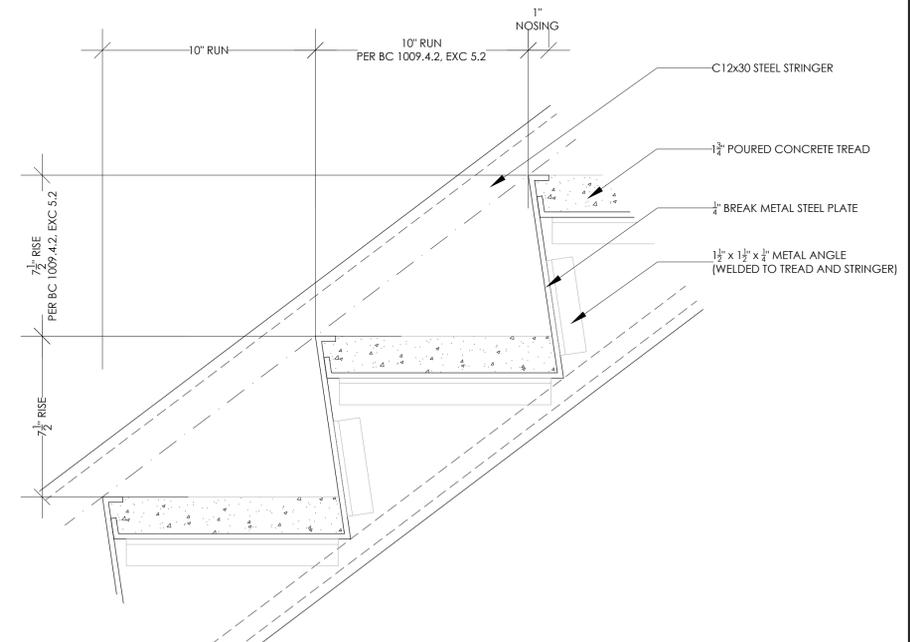
1 STAIR SECTION 1
SCALE: 3/4" = 1"



3 STAIR PLAN
SCALE: 3/4" = 1"



2 STAIR SECTION 2
SCALE: 3/4" = 1"



4 STEEL PAN TREAD DETAIL SECTION
SCALE: 3/4" = 1"

PROJECT:

925 ATLANTIC AVE
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ARCHITECT OF RECORD

feingold & gregory · architects

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STRUCTURAL ENGINEER

GACE consulting engineers pc

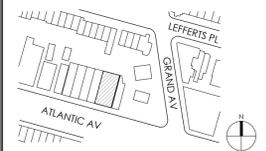
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MECHANICAL ENGINEER

NEVILLE ENGINEERING GROUP

661 PLAINVIEW ROAD
BETHPAGE, NY 11714
(516) 522.6770

SITE PLAN



PROJECT No: 1501

1	DOB REVIEW	12/31/15
1	ISSUED FOR DOB FILING	08/06/15
	REV.	DATE

DRAWING TITLE:

**METAL PAN
STAIR DETAILS**

DATE: 12/31/2015

SCALE: AS NOTED

DRAWN BY: JDM MT

CHECKED BY: JD

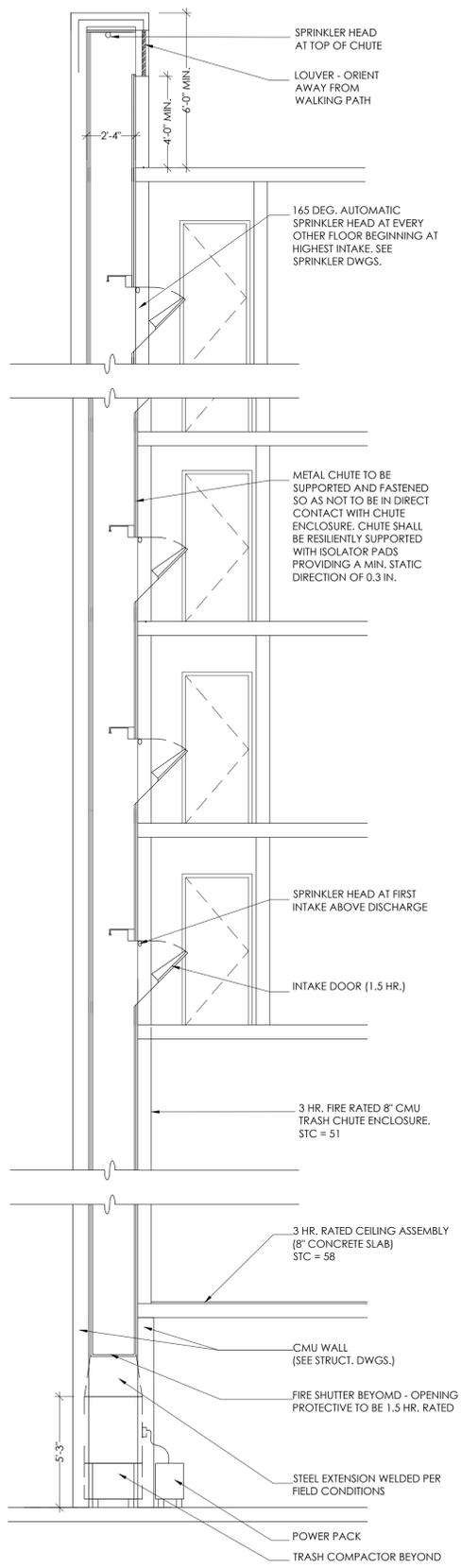
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SHEET:

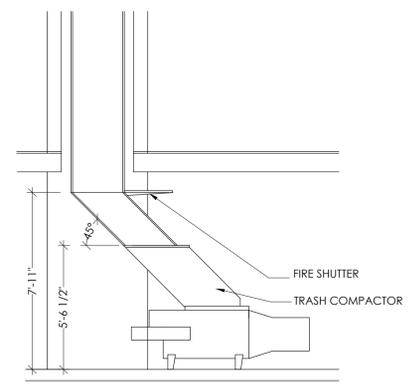
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SEAL & SIGNATURE

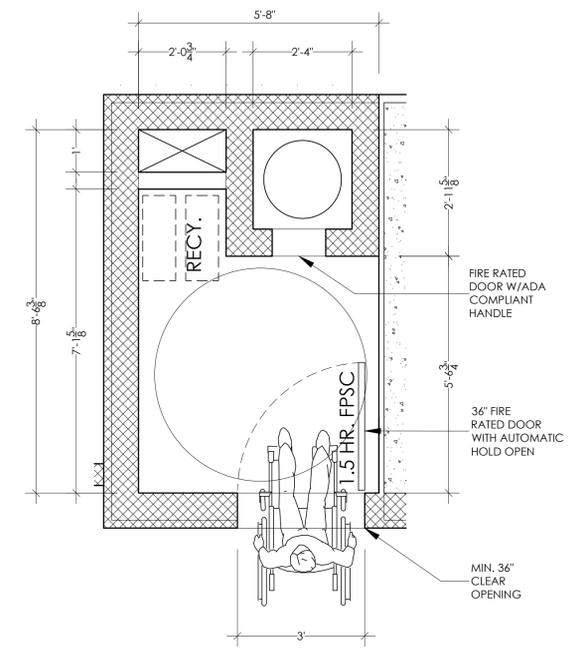




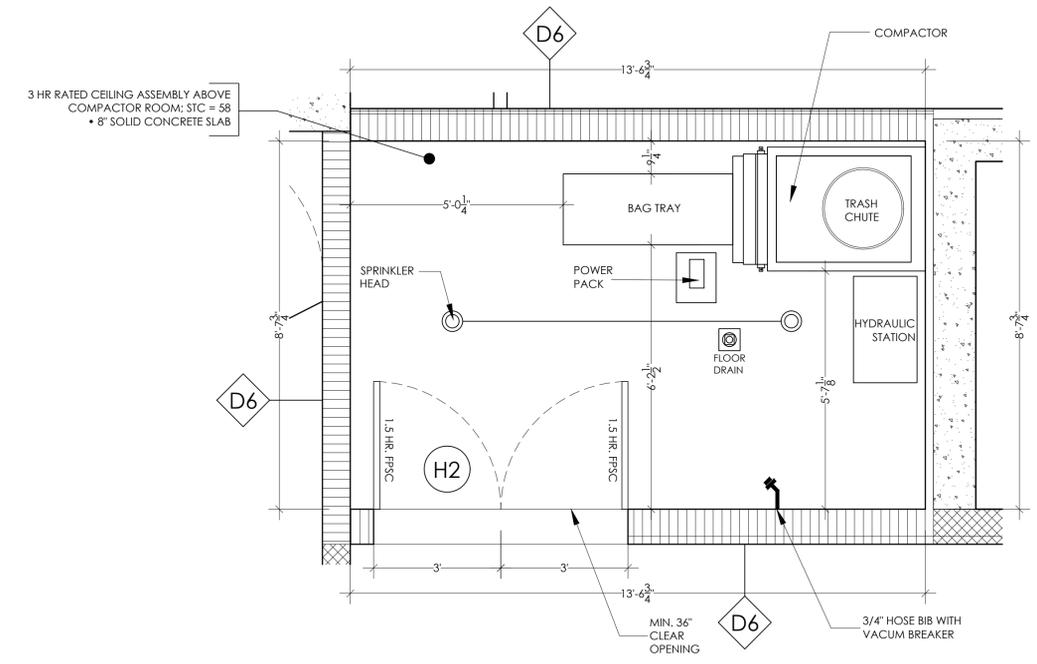
1 TRASH CHUTE SECTION
1/4" = 1'-0"



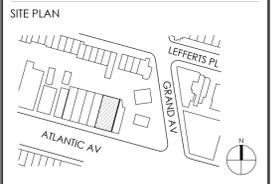
2 COMPACTOR ROOM SECTION
1/4" = 1'-0"



3 TYPICAL REFUSE ROOM PLAN
1/2" = 1'-0"



4 TRASH COMPACTOR ROOM PLAN
1/2" = 1'-0"



PROJECT No: 1501

1	DOB REVIEW	12/31/15
1	ISSUED FOR DOB FILING	08/06/15
REV.		DATE

DRAWING TITLE:
REFUSE RM AND COMPACTOR RM DETAILS

DATE: 12/31/2015
SCALE: AS NOTED
DRAWN BY: JD, MT
CHECKED BY: JD
DRAWING NO: 43 OF 43
SHEET: **A-610.00**

SEAL & SIGNATURE



★ - SITE LOCATION

LEGEND

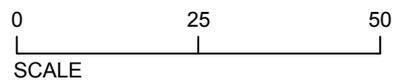
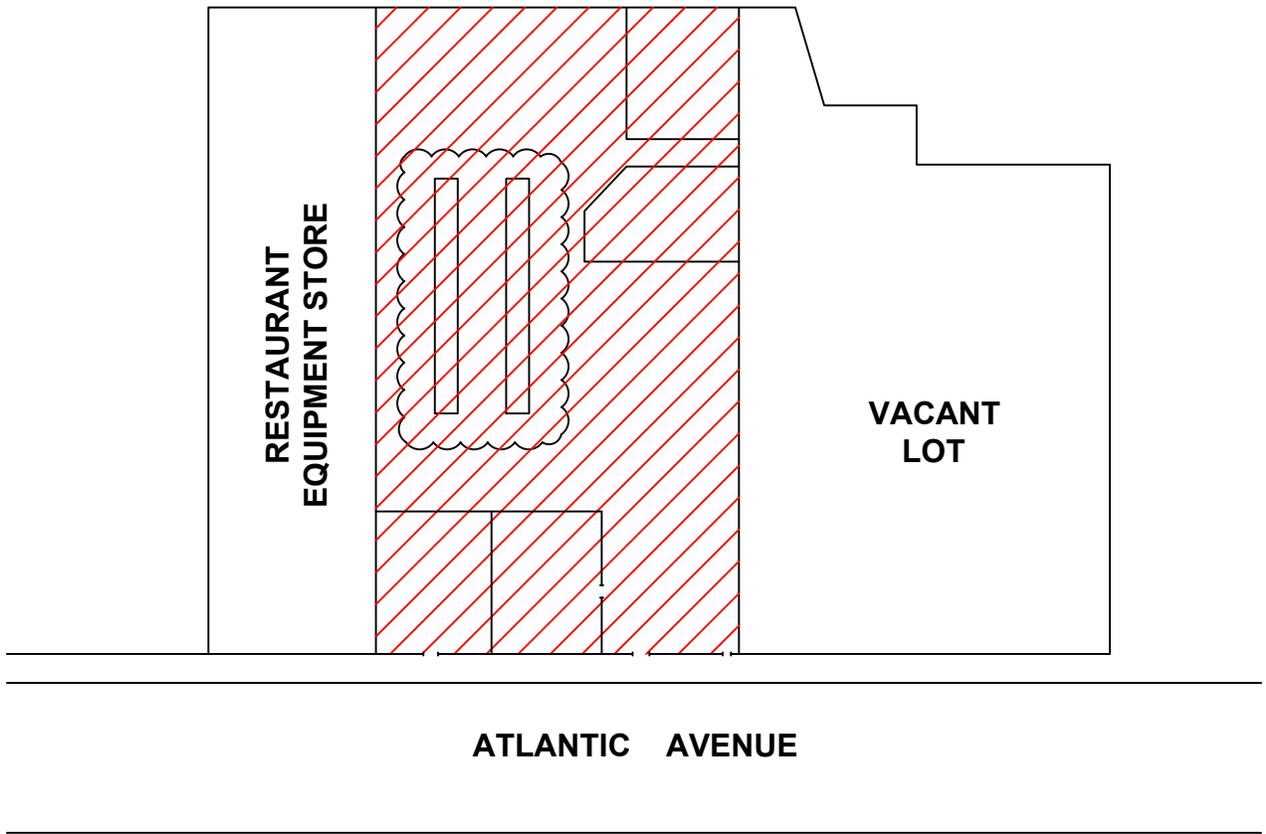


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A PARADIGM OF EXCELLENCE

1503 Wave Avenue, Medford NY 11763

FIGURE 4
SURROUNDING LAND USE

DATE: 1/5/16	925 - 927 Atlantic Avenue Brooklyn, NY 11238
GEOLOGIST: D.O.	
DRAWN BY: J.F.	FILE NO: AH-15-10183



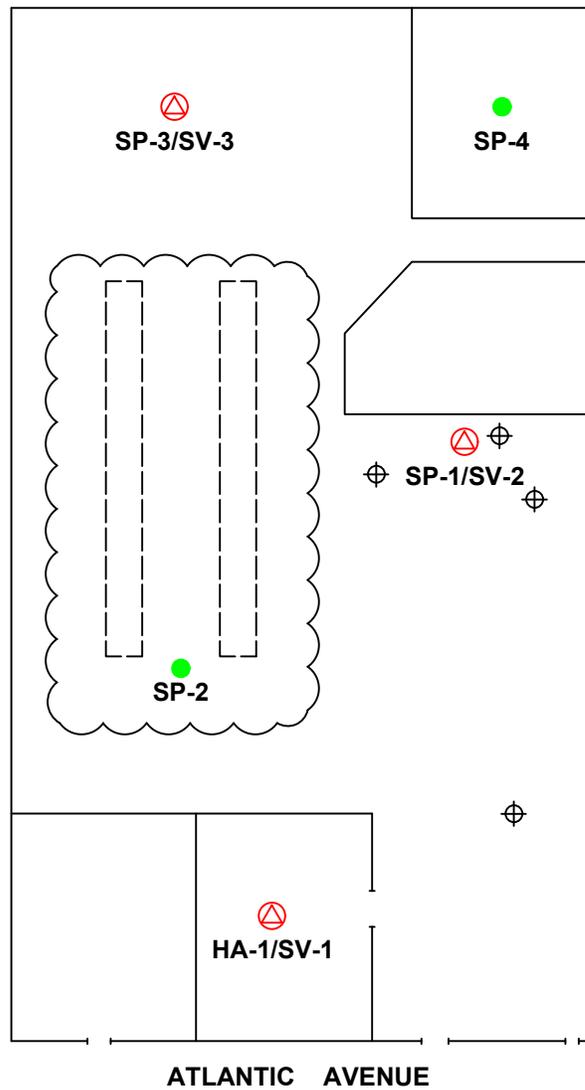
LEGEND	
	Area of Concern



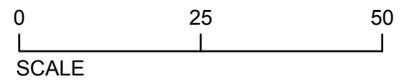
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A PARADIGM OF EXCELLENCE
1503 Wave Avenue, Medford NY 11763

FIGURE 5
AREA OF CONCERN

DATE: 1/5/16	925 - 927 Atlantic Avenue
GEOLOGIST: D.O.	Brooklyn, NY 11238
DRAWN BY: J.F.	FILE NO: AH-15-10183



LEGEND	
 HA-1/SV-1	Hand Auger / Soil Vapor Location
 SP-1/SV-2	Soil Probe / Soil Vapor Location
	Soil Probe Location
	Delineates former hydraulic lift location
	Abortive monitoring well locations
	Delineates former wheel alignment lift location



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1503 Wave Avenue, Medford NY 11763

FIGURE 6

LOCATION OF SOIL PROBES, MONITORING WELL & VAPOR POINTS

DATE: 1/5/16	925 - 927 Atlantic Avenue
GEOLOGIST: D.O.	Brooklyn, NY 11238
DRAWN BY: J.F.	FILE NO: AH-15-10183

SP-3			
DEPTH	0'-2'		
SVOCs	ug/kg	UUSCO	RUSCO
Benzo(a)anthracene	6160	1,000	1,000
Benzo(b)pyrene	1410	1,000	1,000
Benzo(b)flouranthene	1740	1,000	1,000
Benzo(k)flouranthene	1940	800	1,000
Chrysene	3930	1,000	1,000

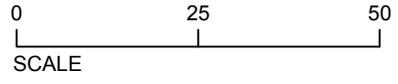
SP-4			
DEPTH	0'-2'		
SVOCs	ug/kg	UUSCO	RUSCO
Benzo(a)anthracene	1670	1,000	1,000
Chrysene	1740	1,000	1,000

SP-1			
DEPTH	0'-2'		
SVOCs	ug/kg	UUSCO	RUSCO
Benzo(a)anthracene	19900	1,000	1,000
Benzo(b)pyrene	5420	1,000	1,000
Benzo(b)flouranthene	6460	1,000	1,000
Benzo(k)flouranthene	8670	800	1,000
Chrysene	18400	1,000	1,000
Dibenzo(a,h)anthracene	1530	330	330
Indeno(1,2,3-cd)pyrene	2850	500	500

SP-2			
DEPTH	0'-2'		
SVOCs	ug/kg	UUSCO	RUSCO
Benzo(a)anthracene	3030	1,000	1,000
Benzo(b)pyrene	1720	1,000	1,000
Benzo(b)flouranthene	1590	1,000	1,000
Benzo(k)flouranthene	1970	800	1,000
Chrysene	6870	1,000	1,000
Dibenzo(a,h)anthracene	1030	330	330
Indeno(1,2,3-cd)pyrene	2200	500	500

HA-1		
DEPTH	6'-8'	8'-9'
SVOCs	BGV	BGV

LEGEND	
SVOCs	Semi-volatile organic compounds
⊙	Soil Probe / Soil Vapor Point
⊕	Abortive Temporary Well
●	Soil Probe Location
UUSCO	Unrestricted Use Soil Cleanup Objective
RUSCO	Restricted Use Soil Cleanup Objective
BGV	Below Guidance Value
ND	Not Detected



* VALUES SHADED EXCEED THE RECOMMENDED SOIL CLEANUP OBJECTIVE

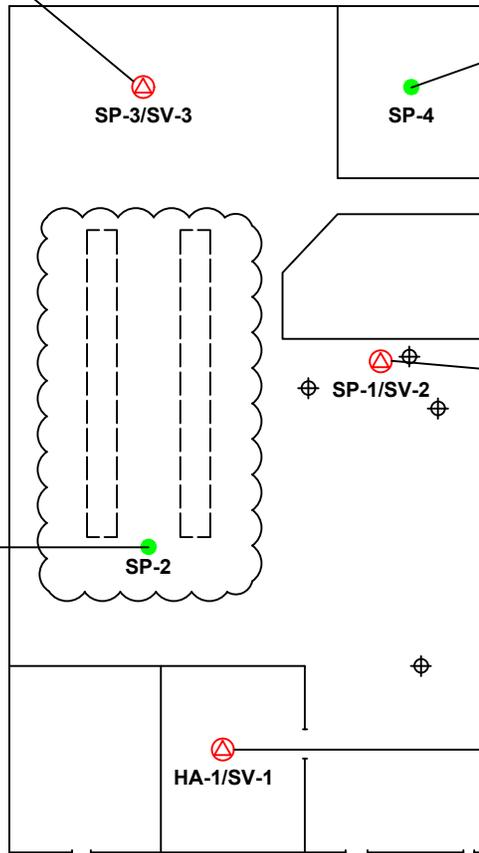
ALPHA-HYDRO
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A PARADIGM OF EXCELLENCE
1503 Wave Avenue, Medford NY 11763

FIGURE 7
MAP OF SOIL CHEMISTRY RESULTS (SVOCs)

DATE: 1/5/16	925 - 927 Atlantic Avenue Brooklyn, NY 11238
GEOLOGIST: D.O.	
DRAWN BY: J.F.	FILE NO: AH-15-10183

SP-3		
DEPTH	0'-2'	12'-14'
PCBs	ND	ND

SP-4		
DEPTH	0'-2'	12'-14'
PCBs	ND	ND

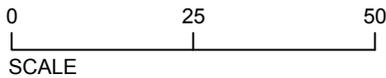


SP-1		
DEPTH	0'-2'	12'-14'
PCBs	ND	ND

SP-2		
DEPTH	0'-2'	12'-14'
PCBs	ug/kg	ug/kg
Aroclor 1016	ND	ND
Aroclor 1221	ND	ND
Aroclor 1232	ND	ND
Aroclor 1242	ND	ND
Aroclor 1248	ND	ND
Aroclor 1254	ND	ND
Aroclor 1260	0.0395	ND

HA-1		
DEPTH	6'-8'	8'-9'
PCBs	ND	ND

LEGEND	
SVOCs	Semi-volatile organic compounds
⊕	Soil Probe / Soil Vapor Point
⊕	Abortive Temporary Well
●	Soil Probe Location
UUSCO	Unrestricted Use Soil Cleanup Objective
RUSCO	Restricted Use Soil Cleanup Objective
BGV	Below Guidance Value
ND	Not Detected



* VALUES SHADED EXCEED THE RECOMMENDED SOIL CLEANUP OBJECTIVE



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FIGURE 8

MAP OF SOIL CHEMISTRY RESULTS (PCBs)

DATE: 1/5/16

925 - 927 Atlantic Avenue
Brooklyn, NY 11238

GEOLOGIST: D.O.

DRAWN BY: J.F.

FILE NO: AH-15-10183

SP-3				
DEPTH	0'-2'	12'-14'		
Metals	mg/kg	mg/kg	UUSCO	RUSCO
Barium	779	50.6	350	350
Copper	37.9	51.8	50	270
Lead	2120	41.2	63	400
Zinc	611	48.1	109	2200
Mercury	0.934	0.298	0.18	0.81

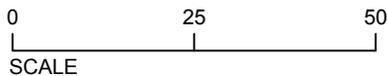
SP-4				
DEPTH	0'-2'	12'-14'		
Metals	mg/kg	mg/kg	UUSCO	RUSCO
Chromium	30.2	16.9	63	400
Lead	132	134	63	400

SP-1				
DEPTH	0'-2'			
Metals	mg/kg	UUSCO	RUSCO	
Barium	631	350	350	
Copper	88.8	50	270	
Lead	2440	63	400	
Zinc	759	109	2200	
Mercury	0.292	0.18	0.81	

SP-2				
DEPTH	0'-2'			
Metals	mg/kg	UUSCO	RUSCO	
Barium	659	350	350	
Lead	2710	63	400	
Zinc	420	109	2200	
Mercury	0.480	0.18	0.81	

HA-1				
DEPTH	6'-8'	8'-9'		
Metals	mg/kg	mg/kg	UUSCO	RUSCO
Lead	102	48.9	63	400
Mercury	0.502	0.192	0.18	0.81

LEGEND	
SVOCs	Semi-volatile organic compounds
△	Soil Probe / Soil Vapor Point
⊕	Abortive Temporary Well
●	Soil Probe Location
UUSCO	Unrestricted Use Soil Cleanup Objective
RUSCO	Restricted Use Soil Cleanup Objective
BGV	Below Guidance Value
ND	Not Detected



* VALUES SHADED EXCEED THE RECOMMENDED SOIL CLEANUP OBJECTIVE



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ENVIRONMENTAL SERVICES
A PARADIGM OF EXCELLENCE

1503 Wave Avenue, Medford NY 11763

FIGURE 9

MAP OF SOIL CHEMISTRY RESULTS (METALS)

DATE: 1/5/16

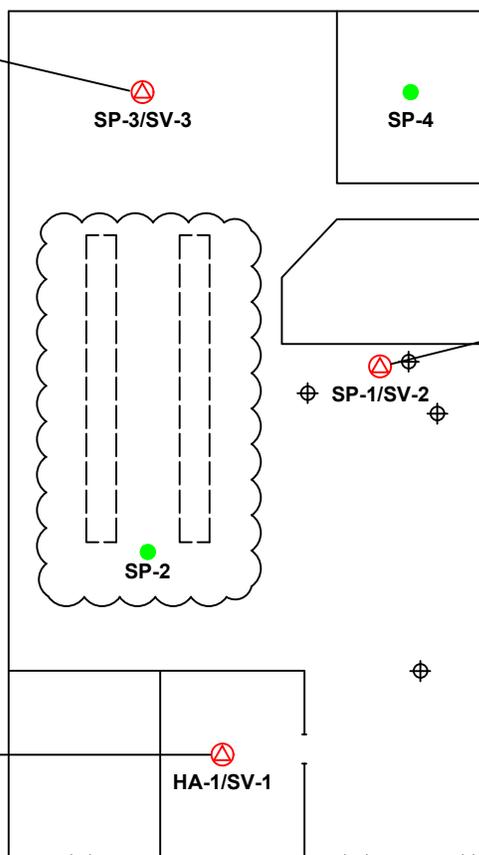
GEOLOGIST: D.O.

DRAWN BY: J.F.

925 - 927 Atlantic Avenue
Brooklyn, NY 11238

FILE NO: AH-15-10183

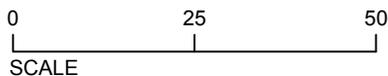
SV-3	
DEPTH	10'
VOCs	BGV



SV-2			
DEPTH	10'		
VOCs	ug/m ³	NYSDOH Air Guidance Values	EPA 2001 Base 90th Percentile
Benzene	110	NS	9.4
Ethylbenzene	11	NS	5.7
Tetrachloroethylene	19	100	15.9
Toluene	71	NS	43

SV-1				
DEPTH	10'			
VOCs	ug/m ³	NYSDOH Maximum Subslab Value	NYSDOH Air Guidance Values	EPA 2001 Base 90th Percentile
1,2,4 Trimethylbenzene	10	NS	NS	9.5
Ethylbenzene	12	NS	NS	5.7
Tetrachloroethylene	99	100	100	15.9
Toluene	56	NS	NS	43

LEGEND	
SVOCs	Semi-volatile organic compounds
	Soil Probe / Soil Vapor Point
	Abortive Temporary Well
	Soil Probe Location
UUSCO	Unrestricted Use Soil Cleanup Objective
RUSCO	Restricted Use Soil Cleanup Objective
BGV	Below Guidance Value
ND	Not Detected



* VALUES SHADED EXCEED THE EPA 2001 BASE (Building Assessment & Survey Evaluation) 90th PERCENTILE



ALPHA-HYDRO ENVIRONMENTAL SERVICES
A PARADIGM OF EXCELLENCE

1503 Wave Avenue, Medford NY 11763

FIGURE 10

MAP OF SOIL VAPOR CHEMISTRY RESULTS

DATE:	1/5/16	925 - 927 Atlantic Avenue
GEOLOGIST:	D.O.	Brooklyn, NY 11238
DRAWN BY:	J.F.	FILE NO: AH-15-10183

TABLES

TABLE 1
Construction Details for Soil Borings
925 – 927 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	GPS Coordinates
Soil Probes	SP-1	8/26/15	15	2	102	-	Geoprobe	-	40°40'51.10"N 73°57'43.05"W
	SP-2	8/26/15	15	2	102	-	Geoprobe	-	40°41'51.27"N 73°57'43.44"W
	SP-3	8/26/15	15	2	101	-	Geoprobe	-	40°41'51.62"N 73°57'43.22"W
	SP-4	8/26/15	15	2	101	-	Geoprobe	-	40°40'51.52"N 73°57'42.95"W
Hand Auger	HA-1	8/26/15	9	4	97	-	Geoprobe	-	40°40'50.85"N 73°57'43.28"W

Xylenes, Total	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS
Total VOCs	2.0	ND	7.2	36	8.4	14	9.6	11	12	7.2	7.3						

NOTES

All units in micrograms per kilogram (µg/kg)

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

NS - No Standard

Q - Laboratory data qualifiers

J - Detected below 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.

SCAL-E - The value reported is ESTIMATED. The value is estimated due to its behaviour during initial calibration (average RF>20%).

Table 3 (contd)
Soil Analytical Results for Semivolatile Organic Compounds (µg/kg)
925 - 927 Atlantic Avenue, Brooklyn NY

Sample Identification	SP-1		SP-1		DUP	SP-2		SP-2		SP-3		SP-3		SP-4		SP-4		HA-1		HA-1		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'		12' - 14'		12' - 14'		0' - 2'		12' - 14'		0' - 2'		12' - 14'		6' - 8'		8' - 9'					
Sample Date	08/26/15		08/26/15		08/26/15	08/26/15		08/26/15		08/26/15		08/26/15		08/26/15		08/26/15		08/26/15					
Sample Matrix	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					
Compounds	Result	Q	Result	Q	Result	Result	Q	Result	Result	Q	Result	Result	Q	Result	Q	Result	Q	Result	Q				
Fluoranthene	36100		119	J	ND	14500		ND	13800		91.6	J	2940		ND		227		169		100,000	100,000	
Fluorene	4890		ND		ND	1010		ND	2000		ND		262		ND		ND		ND		30,000	100,000	
Hexachlorobenzene	ND		ND		ND	ND		ND	ND		ND		ND		ND		ND		ND		NS	NS	
Hexachlorobutadiene	ND		ND		ND	ND		ND	ND		ND		ND		ND		ND		ND		NS	NS	
Hexachlorocyclopentadiene	ND		ND		ND	ND		ND	ND		ND		ND		ND		ND		ND		NS	NS	
Hexachloroethane	ND		ND		ND	ND		ND	ND		ND		ND		ND		ND		ND		NS	NS	
Indeno(1,2,3-cd)pyrene	2850	IS-06	ND		ND	2200	IS-06	ND	804	IS-06, J	ND		215		ND		ND		ND		500	500	
Isophorone	ND		ND		ND	ND		ND	ND		ND		ND		ND		ND		ND		NS	NS	
Naphthalene	3830		ND		ND	540		ND	1630		ND		195		ND		ND		ND		12,000	100,000	
Nitrobenzene	ND		ND		ND	ND		ND	ND		ND		ND		ND		ND		ND		NS	NS	
N-nitroso-di-n-propylamine	ND		ND		ND	ND		ND	ND		ND		ND		ND		ND		ND		NS	NS	
N-Nitrosodimethylamine	ND		ND		ND	ND		ND	ND		ND		ND		ND		ND		ND		NS	NS	
N-Nitrosodiphenylamine	ND		ND		ND	ND		ND	ND		ND		ND		ND		ND		ND		NS	NS	
Pentachlorophenol	ND		ND		ND	ND		ND	ND		ND		ND		ND		ND		ND		800	2,400	
Phenanthrene	33900		ND		ND	14400		ND	16300		ND		2750		179		151		154		100,000	100,000	
Phenol	218		ND		ND	ND		ND	ND		ND		ND		ND		ND		ND		330	100,000	
Pyrene	37500		110	J	ND	12300	IS-04	ND	12400		76.4	J	2970		141		216		136		100,000	100,000	
Total SVOCs	209782		229		ND	68722		ND	70528		168		16860.7		494.7		1041.4		634.3				

NOTES

All units in micrograms per kilogram (µg/kg)

Q - Laboratory data qualifiers

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

IS-04 This internal standard was suppressed due to matrix effects

IS-06.....Internal standard perylene-d12 did not meet acceptance criteria. The sample was reanalyzed to confirm matrix interference. Compounds affected are: Benzo(g,h,i)perylene, Dibenzo(a,h)anthracene and Indeno(1,2,3-cd)pyrene.

NS - No Standard

Table 4
Soil Analytical Results for Pesticides / Polychlorinated Biphenyls (µg/kg)
925 - 927 Atlantic Avenue, Brooklyn NY

Sample Identification	SP-1	SP-1	DUP	SP-2	SP-2	SP-3	SP-3	SP-4	SP-4	HA-1	HA-1	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'	12' - 14'	12' - 14'	0' - 2'	12' - 14'	0' - 2'	12' - 14'	0' - 2'	12' - 14'	6' - 8'	8' - 9'		
Sample Date	8/26/15	8/26/15	8/26/15	8/26/15	8/26/15	8/26/15	8/26/15	8/26/15	8/26/15	8/26/15	8/26/15		
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													
4,4' - DDD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.3	2,600
4,4' - DDE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.3	1,800
4,4' - DDT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.3	1,700
Aldrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	19
alpha-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20	97
alpha-Chlordane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS
beta-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	36	100,000
Chlordane, total	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS
delta-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	40	100,000
Dieldrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	39
Endosulfan I	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 sulfate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,400	4,800
Endrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	14	2,200
Endrin aldehyde	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
gamma-BHC (Lindane)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS
gamma-Chlordane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS
Heptachlor	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	42	420
Heptachlor epoxide	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
Toxaphene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS
PCBs													
Aroclor 1016	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 1232	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 1248	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS
Aroclor 1254	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS
Aroclor 1260	ND	ND	ND	0.0395	ND	ND	ND	ND	ND	ND	ND	NS	NS
Total PCBs	ND	ND	ND	0.0395	ND	ND	ND	ND	ND	ND	ND		

NOTES

All units in micrograms per kilogram (µg/kg)

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

NS - No Standard

Table 5
Endpoint Results for Metals (mg/kg)
925 - 927 Atlantic Avenue, Brooklyn NY

Sample Identification	SP-1	SP-1	DUP	SP-2	SP-2	SP-3	SP-3	SP-4	SP-4	HA-1	HA-1	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'	12' - 14'	12' - 14'	0' - 2'	12' - 14'	0' - 2'	12' - 14'	0' - 2'	12' - 14'	6' - 8'	8' - 9'		
Sample Date	8/26/15	8/26/15	8/26/15	8/26/15	8/26/15	8/26/15	8/26/15	8/26/15	8/26/15	8/26/15	8/26/15		
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		
Aluminium	5770	7660	10400	6530	6630	6070	10000	12500	8260	7220	7220	NS	NS
Antimony	1.08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS
Arsenic	12.1	5.37	3.14	9.74	2.20	7.50	3.29	6.52	3.34	2.63	2.52	13	16
Barium	631	48.9	55.1	659	48.6	779	50.6	104	75.9	63.6	51.2	350	350
Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.2	14
Cadmium	2.01	ND	ND	0.921	ND	0.507	ND	ND	ND	ND	ND	2.5	2.5
Calcium	23900	3360	869	19500	1460	45800	1160	2130	1920	3390	2670	NS	NS
Chromium	16.9	19.0	16.4	13.6	15.2	15.2	17.3	30.2	16.9	15.1	16.8	30	22
Cobalt	5.98	8.28	4.20	5.60	7.11	6.01	6.83	9.70	7.50	5.94	6.70	NS	NS
Copper	88.8	19.6	5.20	37.2	20.5	37.9	51.8	31.0	24.4	26.6	22.2	50	270
Iron	24800	19300	14400	17800	15200	12200	19000	24600	17500	18200	16000	NS	NS
Lead	2440	35.3	7.02	2710	50.2	2120	41.2	132	134	102	48.9	63	400
Magnesium	2110	2900	1450	2780	2330	3530	2170	3660	2740	2430	2570	NS	NS
Manganese	466	346	217	243	352	258	241	387	363	225	206	1600	2,000
Nickel	15.5	23.8	8.35	15.5	27.0	19.0	14.3	18.5	18.3	21.7	27.2	30	140
Potassium	675	1300	527	1230	1190	706	753	1560	1270	1030	1080	NS	NS
Selenium	2.18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.9	36
Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2	36
Sodium	306	114	59.3	136	138	235	171	161	138	191	176	NS	NS
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS
Vanadium	24.5	29.1	22.0	19.3	25.5	16.3	22.4	36.8	23.4	23.5	22.5	NS	NS
Zinc	759	42.2	23.8	420	45.4	611	48.1	106	57.7	70.0	59.5	109	2,200
Mercury	0.292	0.0733	ND	0.480	0.0335	0.934	0.298	0.132	0.390	0.502	0.192	0.18	0.81

NOTES

All units in milligrams per kilogram (mg/kg)

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

NS - No Standard

Values shaded blue represent concentration exceeding the URSCO but below the RUSCO.

Values shaded green represent concentration exceeding both UURSCO & RUSCO.

Table 6
 Soil Vapor Analytical Results for Volatile Organic Compounds (µg/kg)
 925 - 927 Atlantic Ave, Brooklyn NY

Sample Identification	SV-1	SV-2	SV-3	NYSDOH Air Guidance Values ^a	EPA 2001 BASE 90 th Percentile ^b	NYSDOH Maximum Sub-Slab Value ^c
Sample Date	08/26/15	08/26/15	08/26/15			
Sample Matrix	Soil	Soil	Soil			
Units	µg/m ³	µg/m ³	µg/m ³			
1,1,1,2-Tetrachloroethane	ND	ND	ND			
1,1,1-Trichloroethane	ND	ND	ND		20.6	100
1,1,2,2-Tetrachloroethane	ND	ND	ND			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	ND	ND			
1,1,2-Trichloroethane	ND	ND	ND			
1,1-Dichloroethane	ND	ND	ND		<0.7	
1,1-Dichloroethylene	ND	ND	ND		<1.4	
1,2,4-Trichlorobenzene	ND	ND	ND			
1,2,4-Trimethylbenzene	10	5.0	5.7		9.5	
1,2-Dibromoethane	ND	ND	ND			
1,2-Dichlorobenzene	ND	ND	ND		<1.2	
1,2-Dichloroethane	ND	ND	ND		<0.9	
1,2-Dichloropropane	ND	ND	ND		<1.6	
1,2-Dichlorotetrafluoroethane	ND	ND	ND			
1,3,5-Trimethylbenzene	3.0	ND	1.4		3.7	
1,3-Butadiene	ND	ND	7.1			
1,3-Dichlorobenzene	ND	ND	ND		<2.4	
*1,3-Dichloropropane	ND	ND	ND			
1,4-Dichlorobenzene	ND	ND	ND			
1,4-Dioxane	ND	ND	ND			
2-Butanone	53	12	5.8			
*2-Hexanone	ND	ND	ND			
*3-Chloropropene	ND	ND	ND			
4-Methyl-2-pentanone	ND	ND	1.6			
Acetone	120	110	42			
*Acrylonitrile	ND	ND	ND			
Benzene	4.8	110	1.6		9.4	
Benzyl Chloride	ND	ND	ND			
Bromodichloromethane	ND	ND	ND			
Bromoform	ND	ND	ND			
Bromomethane	ND	ND	ND			
Carbon disulfide	5.5	4.4	1.2			
Carbon tetrachloride	ND	ND	ND		<1.3	5
Chlorobenzene	ND	ND	ND		<0.9	
Chloroethane	ND	ND	ND		<1.1	
Chloroform	ND	ND	0.29			
Chloromethane	ND	ND	ND		3.7	
cis-1,2-Dichloroethylene	ND	ND	ND			
cis-1,3-Dichloropropylene	ND	ND	ND			
Cyclohexane	4.4	ND	0.59			
Dibromochloromethane	ND	ND	ND			
Dichlorodifluoromethane	ND	ND	0.63			
Ethyl Acetate	ND	ND	ND			
Ethyl Benzene	12	11	1.2		5.7	
Hexachlorobutadiene	ND	ND	ND			
Isopropanol	ND	ND	1.8			
Methyl Methacrylate	ND	ND	ND			
Methyl tert-butyl ether (MTBE)	ND	ND	ND		11.5	
Methylene chloride	ND	ND	0.56	60	10	
n-Heptane	5.7	ND	2.4			
n-Hexane	7.4	6.7	3.9			
o-Xylene	15	8.1	3.0		7.9	
p- & m- Xylenes	37	17	5.1		22.2	
*p-Ethyltoluene	8.7	3.0	3.3			
*Propylene	ND	ND	ND			
Styrene	ND	ND	ND			
Tetrachloroethylene	99	19	4.4	100	15.9	100
*Tetrahydrofuran	88	ND	ND			
Toluene	56	71	3.8		43	
trans-1,2-Dichloroethylene	ND	ND	ND			
trans-1,3-Dichloropropylene	ND	ND	ND			
Trichloroethylene	3.4	ND	ND	5	4.2	5
Trichlorofluoromethane(Freon II)	2.3	ND	0.50			
Vinyl acetate	ND	ND	ND			
Vinyl bromide	ND	ND	ND			
Vinyl Chloride	ND	ND	ND		<1.9	

NOTES

All units in micrograms per cubic meter ($\mu\text{g}/\text{m}^3$)

¹NYSDOH Air Guidance Values presented in the Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, dated October 20

²90th Percentile indoor air values from Table C-2. EPA 2001 Building Assessment and Survey Evaluation (BASE) Database, SUMMA canister me
NYSDOH Soil Vapor Intrusion Guidance Document, Appendix C (October 2006)

³Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York. Octobe 2006. New York Department of Health

* 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)

Values shaded represent concentration in exceedance of the EPA 2001 BASE 90th Percentile

APPENDICES



1503 Wave Avenue, Medford NY 11763

Professional Services Division

SOIL BORING LOG

Project 925 Atlantic Avenue
 Client Elevation Holdings LLC
 Location Brooklyn, NY

Date 8/26/15
 Logged By Dave Oloke
 Driller J. Sakelis

Boring No. SP-1
 Drilling Method Direct Push
 Total Depth 15 Feet

Sample Method CORE
 Depth to Water N/A

- 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
1.3	1	0 - 5 Concrete, urban fill material	DRY	SP
	2			
	3			
	4			
	5			
2.4	6	5 - 10 Light brown fine grain silt changes to dark brown sandy silt	DRY	SW
	7			
	8			
	9			
	10			
1.2	11	10 - 15 Dark brown fine grain sand changes to clay with rock fragments	DRY	SW
	12			
	13			
	14			
	15			
(END OF BORING)				



1503 Wave Avenue, Medford NY 11763

Professional Services Division

SOIL BORING LOG

Project 925 Atlantic Avenue
 Client Elevation Holdings LLC
 Location Brooklyn, NY

Date 8/26/15
 Logged By Dave Oloke
 Driller J. Sakelis

Boring No. SP-2
 Drilling Method Direct Push
 Total Depth 15 Feet

Sample Method CORE
 Depth to Water N/A

- | | | | |
|---------------------------|-------------------------|---|-----------------------------------|
| 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
1.4	1	0 - 5 Concrete, urban fill material	DRY	SP
	2			
	3			
	4			
	5			
1.5	6	5 - 10 Urban fill, red bricks, dark fine grain silty sand	DRY	SP
	7			
	8			
	9			
	10			
0.0	11	10 - 15 Brown, fine grain sand changes to silty sand	DRY	SW
	12			
	13			
	14			
	15			
(END OF BORING)				



1503 Wave Avenue, Medford NY 11763

Professional Services Division

SOIL BORING LOG

Project 925 Atlantic Avenue
 Client Elevation Holdings LLC
 Location Brooklyn, NY

Date 8/26/15
 Logged By Dave Oloke
 Driller J. Sakelis

Boring No. SP-3
 Drilling Method Direct Push
 Total Depth 15 Feet

Sample Method CORE
 Depth to Water N/A

- | | | | |
|---------------------------|-------------------------|---|-----------------------------------|
| 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
0.7	1	0 - 5 Partial recovery, urban fill material	DRY	SP
	2			
	3			
	4			
	5			
0.7	6	5 - 10 Partial recovery, urban fill	DRY	SP
	7			
	8			
	9			
	10			
0.8	11	10 - 15 Red bricks, changes to brown medium to fine grain sand, changes to clay	DRY	SW
	12			
	13			
	14			
	15			
		(END OF BORING)		



1503 Wave Avenue, Medford NY 11763

Professional Services Division

SOIL BORING LOG

Project 925 Atlantic Avenue
 Client Elevation Holdings LLC
 Location Brooklyn, NY

Date 8/26/15
 Logged By Dave Oloke
 Driller J. Sakelis

Boring No. SP-4
 Drilling Method Direct Push
 Total Depth 15 Feet

Sample Method CORE
 Depth to Water N/A

- | | | | |
|---------------------------|-------------------------|---|-----------------------------------|
| 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
0.2	1	0 - 5 Urban fill material, red bricks changes to brown fine grain sand	DRY	SP
	2			
	3			
	4			
	5			
0.1	6	5 - 10 Fill material, red bricks, concrete, black to dark sandy clay	DRY	SP
	7			
	8			
	9			
	10			
0.1	11	10 - 15 Black fine grain sand with red bricks, changes to brown fine grain sand	DRY	SP
	12			
	13			
	14			
	15			
(END OF BORING)				



1503 Wave Avenue, Medford NY 11763

Professional Services Division

SOIL BORING LOG

Project 925 Atlantic Avenue
 Client Elevation Holdings LLC
 Location Brooklyn, NY

Date 8/26/15
 Logged By Dave Oloke
 Driller J. Sakelis

Boring No. HA-1 (basement)
 Drilling Method Direct Push
 Total Depth 9 Feet

Sample Method CORE
 Depth to Water N/A

- | | | | |
|---------------------------|-------------------------|---|-----------------------------------|
| 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
	1			
	2			
	3			
	4			
	5			
0.0	6	6 - 7 Concrete, dark brown fine to medium grain sand (fill material)	DRY	SP
0.0	7	7 - 8 Concrete, dark brown fine to medium grain sand (fill material)	DRY	SP
0.0	8	8 - 9 Dark brown fine to medium grain sand (fill material) with cobbles. Refusal @ 9 ft	DRY	SP
	9			
	10			
	11	(END OF BORING)		
	12			
	13			
	14			
	15			



View showing concrete broken up around hydraulic lift



View showing hydraulic lift area broken up



ALPHA – HYDRO
ENVIRONMENTAL SERVICES
A PARADIGM OF EXCELLENCE

1503 Wave Avenue
Medford NY, 11763

PHOTOLOG

DATE:	01/23/16	925-927 Atlantic Avenue Brooklyn, NY 11238
TAKEN BY:	B.O.	FILE NO: AH-1510183



View showing front and rear hydraulic lift area broken up



View showing commencement of excavation of in-ground hydraulic lift



ALPHA – HYDRO
ENVIRONMENTAL SERVICES
A PARADIGM OF EXCELLENCE

1503 Wave Avenue
 Medford NY, 11763

PHOTOLOG

DATE: 01/23/16		925-927 Atlantic Avenue Brooklyn, NY 11238
TAKEN BY: B.O.		FILE NO: AH-1510183



View showing excavated hydraulic lift area



View showing exposed hydraulic lift



ALPHA – HYDRO
ENVIRONMENTAL SERVICES
A PARADIGM OF EXCELLENCE

1503 Wave Avenue
Medford NY, 11763

PHOTOLOG

DATE: 01/23/16

TAKEN BY: B.O.

925-927 Atlantic Avenue
Brooklyn, NY 11238

FILE NO: AH-1510183



View showing hydraulic oil being extracted from the lift piping



View showing hydraulic piston being pulled out with backhoe



ALPHA – HYDRO
ENVIRONMENTAL SERVICES
A PARADIGM OF EXCELLENCE

1503 Wave Avenue
Medford NY, 11763

PHOTOLOG

DATE:	01/23/16	925-927 Atlantic Avenue Brooklyn, NY 11238
TAKEN BY:	B.O.	FILE NO: AH-1510183



View showing hydraulic lift being pulled up from the ground



View of rear hydraulic piston being pulled out placed on the ground



ALPHA – HYDRO
ENVIRONMENTAL SERVICES
A PARADIGM OF EXCELLENCE

1503 Wave Avenue
Medford NY, 11763

PHOTOLOG

DATE:	01/23/16	925-927 Atlantic Avenue Brooklyn, NY 11238
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View of hole where hydraulic piston was pulled out



View of soil stockpile from hydraulic lift area



ALPHA – HYDRO
ENVIRONMENTAL SERVICES
A PARADIGM OF EXCELLENCE

1503 Wave Avenue
Medford NY, 11763

PHOTOLOG

DATE:	01/23/16	925-927 Atlantic Avenue Brooklyn, NY 11238
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View showing hydraulic lift tank in-ground



View showing all piping disconnected from in-ground hydraulic tank



ALPHA – HYDRO
ENVIRONMENTAL SERVICES
A PARADIGM OF EXCELLENCE

1503 Wave Avenue
Medford NY, 11763

PHOTOLOG

DATE: 01/23/16

TAKEN BY: B.O.

925-927 Atlantic Avenue
Brooklyn, NY 11238

FILE NO: AH-1510183



View showing hydraulic lift being pulled out from the ground



View showing hydraulic piston and tank placed on the ground



ALPHA – HYDRO
ENVIRONMENTAL SERVICES
A PARADIGM OF EXCELLENCE

1503 Wave Avenue
Medford NY, 11763

PHOTOLOG

DATE: 01/23/16

TAKEN BY: B.O.

925-927 Atlantic Avenue
Brooklyn, NY 11238

FILE NO: AH-1510183



View showing excavation extended towards front hydraulic lift



View showing front hydraulic lift prior to removal



ALPHA – HYDRO
ENVIRONMENTAL SERVICES
A PARADIGM OF EXCELLENCE

1503 Wave Avenue
Medford NY, 11763

PHOTOLOG

DATE: 01/23/16

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925-927 Atlantic Avenue
Brooklyn, NY 11238

FILE NO: AH-1510183



View showing front hydraulic lift being pulled out



View showing front hydraulic lift pulled out from the ground



ALPHA – HYDRO
ENVIRONMENTAL SERVICES
A PARADIGM OF EXCELLENCE

1503 Wave Avenue
Medford NY, 11763

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DATE:	01/23/16	925-927 Atlantic Avenue Brooklyn, NY 11238
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View showing front hydraulic pistons placed on the ground



View of front hydraulic piston placed on the ground



ALPHA – HYDRO
ENVIRONMENTAL SERVICES
A PARADIGM OF EXCELLENCE

1503 Wave Avenue
 Medford NY, 11763

PHOTOLOG

DATE: 01/23/16		925-927 Atlantic Avenue Brooklyn, NY 11238
TAKEN BY: B.O.		FILE NO: AH-1510183



View showing location of wheel alignment racks



View showing hydraulic tank being removed from site



ALPHA – HYDRO
ENVIRONMENTAL SERVICES
A PARADIGM OF EXCELLENCE

1503 Wave Avenue
Medford NY, 11763

PHOTOLOG

DATE:	01/23/16	925-927 Atlantic Avenue Brooklyn, NY 11238
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View showing hydraulic tank placed on truck for disposal



View showing second set of hydraulic lift being removed



ALPHA – HYDRO
ENVIRONMENTAL SERVICES
A PARADIGM OF EXCELLENCE

1503 Wave Avenue
Medford NY, 11763

PHOTOLOG

DATE: 01/23/16

TAKEN BY: B.O.

925-927 Atlantic Avenue
Brooklyn, NY 11238

FILE NO: AH-1510183



View showing second hydraulic tank being removed from the ground



View showing second hydraulic tank removed from the ground



ALPHA – HYDRO
ENVIRONMENTAL SERVICES
A PARADIGM OF EXCELLENCE

1503 Wave Avenue
Medford NY, 11763

PHOTOLOG

DATE:	01/23/16	925-927 Atlantic Avenue Brooklyn, NY 11238
TAKEN BY:	B.O.	FILE NO: AH-1510183



View showing second hydraulic tank placed on the ground



View showing second hydraulic tank and piston on the ground



ALPHA – HYDRO
ENVIRONMENTAL SERVICES
A PARADIGM OF EXCELLENCE

1503 Wave Avenue
Medford NY, 11763

PHOTOLOG

DATE: 01/23/16

TAKEN BY: B.O.

925-927 Atlantic Avenue
Brooklyn, NY 11238

FILE NO: AH-1510183



View showing excavated area backfilled



View showing hydraulic lift area backfilled with excavated soil



ALPHA – HYDRO
ENVIRONMENTAL SERVICES
A PARADIGM OF EXCELLENCE

1503 Wave Avenue
Medford NY, 11763

PHOTOLOG

DATE:	01/23/16	925-927 Atlantic Avenue Brooklyn, NY 11238
TAKEN BY:	B.O.	FILE NO: AH-1510183

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Spill Response Program, Region 2

47-40 21st Street, Long Island City, NY 11101

P: (718) 482-4651 | F: (718) 482-4098

www.dec.ny.gov

November 4, 2014

Elevation Holdings LLC
308 Malcolm X Boulevard
Brooklyn NY 11233

Re: 925-927 Atlantic Ave, Brooklyn
Spill Case: 1507933

Dear Sir or Madam,

On 10/29/15, the New York State Department of Environmental Conservation (the Department) was notified that a petroleum release was discovered at the above referenced site. This is a violation of Article 12 of the New York State Navigation Law (NL) Section 173 and according to Section 176 you are required to contain and "promptly clean up and remove the discharge." As part of clean up and removal of the discharge, the Department requires complete delineation and remediation of soil and groundwater (if applicable) contamination.

To achieve the above, the above party(s) must perform the following:

Confirmation of Effective Removal of Contamination: As per DER-10 (Technical Guidance for Site Investigation and Remediation, available at <http://www.dec.ny.gov/regulations/2393.html>) Section 5.5 (c.3.iv) "If there is evidence of a discharge, excavation should continue until all contaminated soil is removed or until further excavation is not practical." In order to document the effective removal of soil contamination, the Department requires the collection of confirmation samples. The number of confirmation samples to be collected are to be determined by the parameters noted in DER-10 Section 5.4 (b)5 thru Section 5.4 (b)7. Confirmation samples must be analyzed for EPA Methods 8260/8270 and results must be submitted to the Department. Note that if excavation is performed to water, including groundwater and perched water, a water sample must be collected and analyzed for EPA Methods 8260/8270 as well. Contaminated material must be removed and disposed of as per 6 NYCRR Part 364 including the submission of soil disposal manifests to the Department.

A letter report must be submitted to the Department including: site plan, cause of the release, summary of cleanup activities, site observations, post-excavation sampling results and contaminated material disposal manifests. Additional investigation and/or remediation may be required by the Department based upon review of the report. The report must be submitted to this office **no later than one month from the date of this letter**, referencing the spill case number (see above) and the site address.

The Department holds any Responsible Party liable for addressing any on- or off-site contamination associated with this spill case. Under Article 12 of the New York State Navigation Law (NL) and Article 17 of Environmental Conservation Law (ECL), any person who discharges petroleum and fails to promptly clean up such prohibited discharge may be subject to a penalty of up to \$37,500 per day per violation.

If you wish to discuss this letter, please contact me at 718-482-4038.



Department of
Environmental
Conservation

Sincerely,



Santosh Mahat
Environmental Engineer 1
Region 2

cc: David Oloke (Adelphi), Zack Shreiber (NYCOER)



Alpha - Hydro Environmental

SOIL GAS SAMPLING LOG

Site Name: 925 - 927 Atlantic Avenue

Client: Elevation Holdings LLC

Date: 8/26/2015

Sampled by: D. Oloke

Sample ID : SV - 1 (subslab)

Collection Device : Summer Canister

Canister ID : 16152

Controller ID : T6

Flow Rate : 0.2 L/min

Sample Location : Basement

Sample Depth : 7ft

Time Started : 10:03 am

Initial vacuum : - 30 in Hg

Time Stopped : 12:03 pm

Final vacuum : - 5 in Hg

PID Calibration : 101.2 ppm

PID Reading : 0.1 ppm

Helium Reading : Na %



Alpha - Hydro Environmental

SOIL GAS SAMPLING LOG

Site Name: 925 - 927 Atlantic Avenue

Client: Elevation Holdings LLC

Date: 8/26/2015

Sampled by: D. Oloke

Sample ID : SV - 2

Collection Device : Summer Canister

Canister ID : 18315

Controller ID : T7

Flow Rate : 0.2 L/min

Sample Location : Eastern portion

Sample Depth : 12ft

Time Started : 12:25 pm

Initial vacuum : - 28 in Hg

Time Stopped : 2:25 pm

Final vacuum : - 4 in Hg

PID Calibration : 101.2 ppm

PID Reading : 0.1 ppm

Helium Reading : Na %



Alpha - Hydro Environmental

SOIL GAS SAMPLING LOG

Site Name: 925 - 927 Atlantic Avenue

Client: Elevation Holdings LLC

Date: 8/26/2015

Sampled by: D. Oloke

Sample ID : SV - 3

Collection Device : Summer Canister

Canister ID : 15523

Controller ID : T20

Flow Rate : 0.2 L/min

Sample Location : Northwestern portion of Site

Sample Depth : 12ft

Time Started : 1:04 pm

Initial vacuum : - 30 in Hg

Time Stopped : 3:04 pm

Final vacuum : - 2 in Hg

PID Calibration : 101.2 ppm

PID Reading : 0.1 ppm

Helium Reading : Na %



Technical Report

prepared for:

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

Report Date: 09/03/2015
Client Project ID: 925 Atlantic Ave Brooklyn NY
York Project (SDG) No.: 15H0920

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

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 August 27, 2015 and listed below. The project was identified as your project: **925 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.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
15H0920-01	SP - 1 (0-2)	Soil	08/26/2015	08/27/2015
15H0920-02	SP - 1 (12-14)	Soil	08/26/2015	08/27/2015
15H0920-03	SP - 2 (0-2)	Soil	08/26/2015	08/27/2015
15H0920-04	SP - 2 (12-14)	Soil	08/26/2015	08/27/2015
15H0920-05	SP - 3 (0-2)	Soil	08/26/2015	08/27/2015
15H0920-06	SP - 3 (12-14)	Soil	08/26/2015	08/27/2015
15H0920-07	SP - 4 (0-2)	Soil	08/26/2015	08/27/2015
15H0920-08	SP - 4 (12-14)	Soil	08/26/2015	08/27/2015
15H0920-09	HA - 1 (6-8)	Soil	08/26/2015	08/27/2015
15H0920-10	HA - 1 (8-9)	Soil	08/26/2015	08/27/2015
15H0920-11	DUP	Soil	08/26/2015	08/27/2015
15H0920-12	Equipment Blank	Water	08/26/2015	08/27/2015
15H0920-13	Trip Blank	Water	08/26/2015	08/27/2015

General Notes for York Project (SDG) No.: 15H0920

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

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 09/03/2015





Sample Information

Client Sample ID: SP - 1 (0-2)

York Sample ID: 15H0920-01

York Project (SDG) No.
15H0920

Client Project ID
925 Atlantic Ave Brooklyn NY

Matrix
Soil

Collection Date/Time
August 26, 2015 11:45 am

Date Received
08/27/2015

Volatile Organics, 8260 - Comprehensive

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
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:31	09/03/2015 16:27	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/03/2015 08:31	09/03/2015 16:27	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/03/2015 08:31	09/03/2015 16:27	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:31	09/03/2015 16:27	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/03/2015 08:31	09/03/2015 16:27	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/03/2015 08:31	09/03/2015 16:27	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/03/2015 08:31	09/03/2015 16:27	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:31	09/03/2015 16:27	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:31	09/03/2015 16:27	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:31	09/03/2015 16:27	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:31	09/03/2015 16:27	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:31	09/03/2015 16:27	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:31	09/03/2015 16:27	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/03/2015 08:31	09/03/2015 16:27	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/03/2015 08:31	09/03/2015 16:27	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:31	09/03/2015 16:27	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:31	09/03/2015 16:27	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/03/2015 08:31	09/03/2015 16:27	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/03/2015 08:31	09/03/2015 16:27	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	25	50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:31	09/03/2015 16:27	BK
78-93-3	2-Butanone	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:31	09/03/2015 16:27	BK



Sample Information

Client Sample ID: SP - 1 (0-2)

York Sample ID: 15H0920-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0920

925 Atlantic Ave Brooklyn NY

Soil

August 26, 2015 11:45 am

08/27/2015

Volatile Organics, 8260 - Comprehensive

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
591-78-6	2-Hexanone	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:31	09/03/2015 16:27	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:31	09/03/2015 16:27	BK
67-64-1	Acetone	ND	SCAL- E	ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:31	09/03/2015 16:27	BK
107-02-8	Acrolein	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:31	09/03/2015 16:27	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:31	09/03/2015 16:27	BK
71-43-2	Benzene	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/03/2015 08:31	09/03/2015 16:27	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:31	09/03/2015 16:27	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/03/2015 08:31	09/03/2015 16:27	BK
75-25-2	Bromoform	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/03/2015 08:31	09/03/2015 16:27	BK
74-83-9	Bromomethane	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/03/2015 08:31	09/03/2015 16:27	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:31	09/03/2015 16:27	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/03/2015 08:31	09/03/2015 16:27	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/03/2015 08:31	09/03/2015 16:27	BK
75-00-3	Chloroethane	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/03/2015 08:31	09/03/2015 16:27	BK
67-66-3	Chloroform	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/03/2015 08:31	09/03/2015 16:27	BK
74-87-3	Chloromethane	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/03/2015 08:31	09/03/2015 16:27	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:31	09/03/2015 16:27	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/03/2015 08:31	09/03/2015 16:27	BK
110-82-7	Cyclohexane	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:31	09/03/2015 16:27	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	09/03/2015 08:31	09/03/2015 16:27	BK
74-95-3	Dibromomethane	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:31	09/03/2015 16:27	BK



Sample Information

Client Sample ID: SP - 1 (0-2)

York Sample ID: 15H0920-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0920

925 Atlantic Ave Brooklyn NY

Soil

August 26, 2015 11:45 am

08/27/2015

Volatile Organics, 8260 - Comprehensive

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
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:31	09/03/2015 16:27	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/03/2015 08:31	09/03/2015 16:27	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:31	09/03/2015 16:27	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:31	09/03/2015 16:27	BK
79-20-9	Methyl acetate	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:31	09/03/2015 16:27	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:31	09/03/2015 16:27	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:31	09/03/2015 16:27	BK
75-09-2	Methylene chloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/03/2015 08:31	09/03/2015 16:27	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:31	09/03/2015 16:27	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:31	09/03/2015 16:27	BK
95-47-6	o-Xylene	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	09/03/2015 08:31	09/03/2015 16:27	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	09/03/2015 08:31	09/03/2015 16:27	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:31	09/03/2015 16:27	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:31	09/03/2015 16:27	BK
100-42-5	Styrene	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:31	09/03/2015 16:27	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:31	09/03/2015 16:27	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:31	09/03/2015 16:27	BK
127-18-4	Tetrachloroethylene	2.0	J	ug/kg dry	1.3	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/03/2015 08:31	09/03/2015 16:27	BK
108-88-3	Toluene	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/03/2015 08:31	09/03/2015 16:27	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 08:31	09/03/2015 16:27	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/03/2015 08:31	09/03/2015 16:27	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/03/2015 08:31	09/03/2015 16:27	BK



Sample Information

Client Sample ID: SP - 1 (0-2)

York Sample ID: 15H0920-01

York Project (SDG) No.

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925 Atlantic Ave Brooklyn NY

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August 26, 2015 11:45 am

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Volatile Organics, 8260 - Comprehensive

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
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/03/2015 08:31	09/03/2015 16:27	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.3	2.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/03/2015 08:31	09/03/2015 16:27	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	3.8	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/03/2015 08:31	09/03/2015 16:27	BK
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	121 %			77-125						
2037-26-5	Surrogate: Toluene-d8	111 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	116 %			76-130						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	797		ug/kg dry	68.8	137	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 13:43	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	137	274	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 13:43	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	68.8	137	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:43	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	68.8	137	2	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 14:17	09/03/2015 13:43	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	68.8	137	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 13:43	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	68.8	137	2	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 14:17	09/03/2015 13:43	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	68.8	137	2	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 14:17	09/03/2015 13:43	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	137	274	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 13:43	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	68.8	137	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 13:43	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	68.8	137	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:43	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	68.8	137	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:43	KH
105-67-9	2,4-Dimethylphenol	161		ug/kg dry	68.8	137	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:43	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	137	274	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:43	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	68.8	137	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:43	KH



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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	68.8	137	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:43	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	68.8	137	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:43	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	68.8	137	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:43	KH
91-57-6	2-Methylnaphthalene	2660		ug/kg dry	68.8	137	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 13:43	KH
95-48-7	2-Methylphenol	124	J	ug/kg dry	68.8	137	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:43	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	137	274	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:43	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	68.8	137	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:43	KH
65794-96-9	3- & 4-Methylphenols	350		ug/kg dry	68.8	137	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 13:43	KH
91-94-1	3,3'-Dichlorobenzidine	ND	IS-04	ug/kg dry	688	1370	20	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 15:20	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	137	274	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:43	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	137	274	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 13:43	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	68.8	137	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:43	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	68.8	137	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:43	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	68.8	137	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:43	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	68.8	137	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:43	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	137	274	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:43	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	137	274	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:43	KH
83-32-9	Acenaphthene	5410		ug/kg dry	688	1370	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 15:20	KH
208-96-8	Acenaphthylene	392		ug/kg dry	68.8	137	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:43	KH
98-86-2	Acetophenone	ND		ug/kg dry	68.8	137	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 13:43	KH
62-53-3	Aniline	ND		ug/kg dry	275	550	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:43	KH
120-12-7	Anthracene	8610		ug/kg dry	688	1370	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 15:20	KH



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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1912-24-9	Atrazine	ND		ug/kg dry	68.8	137	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 13:43	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	68.8	137	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 13:43	KH
92-87-5	Benzidine	ND		ug/kg dry	275	550	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854	09/01/2015 14:17	09/03/2015 13:43	KH
56-55-3	Benzo(a)anthracene	19900	IS-04	ug/kg dry	688	1370	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 15:20	KH
50-32-8	Benzo(a)pyrene	5420	IS-04	ug/kg dry	688	1370	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 15:20	KH
205-99-2	Benzo(b)fluoranthene	6460	IS-04	ug/kg dry	688	1370	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 15:20	KH
191-24-2	Benzo(g,h,i)perylene	2230	IS-06	ug/kg dry	688	1370	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 15:20	KH
207-08-9	Benzo(k)fluoranthene	8670	IS-04	ug/kg dry	688	1370	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 15:20	KH
65-85-0	Benzoic acid	ND		ug/kg dry	68.8	137	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 13:43	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	68.8	137	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:43	KH
85-68-7	Benzyl butyl phthalate	ND	IS-04	ug/kg dry	688	1370	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 15:20	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	68.8	137	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:43	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	68.8	137	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:43	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	68.8	137	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:43	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND	IS-04	ug/kg dry	688	1370	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 15:20	KH
105-60-2	Caprolactam	ND		ug/kg dry	137	274	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 13:43	KH
86-74-8	Carbazole	5300		ug/kg dry	688	1370	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 15:20	KH
218-01-9	Chrysene	18400	IS-04	ug/kg dry	688	1370	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 15:20	KH
53-70-3	Dibenzo(a,h)anthracene	1530	IS-06	ug/kg dry	688	1370	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 15:20	KH
132-64-9	Dibenzofuran	4080		ug/kg dry	68.8	137	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 13:43	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	68.8	137	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:43	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	68.8	137	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:43	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	68.8	137	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:43	KH



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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND	IS-04	ug/kg dry	688	1370	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 15:20	KH
206-44-0	Fluoranthene	36100		ug/kg dry	688	1370	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 15:20	KH
86-73-7	Fluorene	4890		ug/kg dry	688	1370	20	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 15:20	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	68.8	137	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:43	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	68.8	137	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:43	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	68.8	137	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:43	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	68.8	137	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:43	KH
193-39-5	Indeno(1,2,3-cd)pyrene	2850	IS-06	ug/kg dry	688	1370	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 15:20	KH
78-59-1	Isophorone	ND		ug/kg dry	68.8	137	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:43	KH
91-20-3	Naphthalene	3830		ug/kg dry	688	1370	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 15:20	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	68.8	137	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:43	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	68.8	137	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 13:43	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	68.8	137	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:43	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	68.8	137	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 13:43	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	68.8	137	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:43	KH
85-01-8	Phenanthrene	33900		ug/kg dry	688	1370	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 15:20	KH
108-95-2	Phenol	218		ug/kg dry	68.8	137	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:43	KH
129-00-0	Pyrene	37500	IS-04	ug/kg dry	688	1370	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 15:20	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	50.9 %	10-95								
4165-62-2	Surrogate: Phenol-d5	53.9 %	10-107								
4165-60-0	Surrogate: Nitrobenzene-d5	49.3 %	10-95								
321-60-8	Surrogate: 2-Fluorobiphenyl	44.3 %	10-97								
118-79-6	Surrogate: 2,4,6-Tribromophenol	92.6 %	10-103								
1718-51-0	Surrogate: Terphenyl-d14	38.0 %	IS-04, S-04	19-99							



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Pesticides, 8081 target 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	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 14:01	AMC
72-55-9	4,4'-DDE	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 14:01	AMC
50-29-3	4,4'-DDT	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 14:01	AMC
309-00-2	Aldrin	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 14:01	AMC
319-84-6	alpha-BHC	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 14:01	AMC
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:21	09/03/2015 14:01	AMC
319-85-7	beta-BHC	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 14:01	AMC
57-74-9	Chlordane, total	ND		ug/kg dry	72.5	72.5	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 14:01	AMC
319-86-8	delta-BHC	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 14:01	AMC
60-57-1	Dieldrin	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 14:01	AMC
959-98-8	Endosulfan I	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 14:01	AMC
33213-65-9	Endosulfan II	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 14:01	AMC
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 14:01	AMC
72-20-8	Endrin	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 14:01	AMC
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 14:01	AMC
53494-70-5	Endrin ketone	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:21	09/03/2015 14:01	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 14:01	AMC
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:21	09/03/2015 14:01	AMC
76-44-8	Heptachlor	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 14:01	AMC
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 14:01	AMC
72-43-5	Methoxychlor	ND		ug/kg dry	9.06	9.06	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 14:01	AMC



Sample Information

Client Sample ID: SP - 1 (0-2)

York Sample ID: 15H0920-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0920

925 Atlantic Ave Brooklyn NY

Soil

August 26, 2015 11:45 am

08/27/2015

Pesticides, 8081 target 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	91.7	91.7	5	EPA 8081B	09/01/2015 14:21	09/03/2015 14:01	AMC
									Certifications: CTDOH,NELAC-NY10854,NJDEP		
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	43.6 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	53.5 %			30-140						

Polychlorinated Biphenyls (PCB)

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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0183	0.0183	1	EPA 8082A	09/01/2015 14:21	09/02/2015 16:19	AMC
									Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0183	0.0183	1	EPA 8082A	09/01/2015 14:21	09/02/2015 16:19	AMC
									Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0183	0.0183	1	EPA 8082A	09/01/2015 14:21	09/02/2015 16:19	AMC
									Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0183	0.0183	1	EPA 8082A	09/01/2015 14:21	09/02/2015 16:19	AMC
									Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0183	0.0183	1	EPA 8082A	09/01/2015 14:21	09/02/2015 16:19	AMC
									Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0183	0.0183	1	EPA 8082A	09/01/2015 14:21	09/02/2015 16:19	AMC
									Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0183	0.0183	1	EPA 8082A	09/01/2015 14:21	09/02/2015 16:19	AMC
									Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0183	0.0183	1	EPA 8082A	09/01/2015 14:21	09/02/2015 16:19	AMC
									Certifications:		
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	42.3 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	54.6 %			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	5770		mg/kg dry	5.49	5.49	1	EPA 6010C	08/28/2015 13:55	09/02/2015 18:31	ALD
									Certifications: CTDOH,NELAC-NY10854,NJDEP		
7440-36-0	Antimony	1.08		mg/kg dry	0.549	0.549	1	EPA 6010C	08/28/2015 13:55	09/02/2015 18:31	ALD
									Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	12.1		mg/kg dry	1.10	1.10	1	EPA 6010C	08/28/2015 13:55	09/02/2015 18:31	ALD
									Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	Barium	631		mg/kg dry	1.10	1.10	1	EPA 6010C	08/28/2015 13:55	09/02/2015 18:31	ALD
									Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP		



Sample Information

Client Sample ID: SP - 1 (0-2)

York Sample ID: 15H0920-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0920

925 Atlantic Ave Brooklyn NY

Soil

August 26, 2015 11:45 am

08/27/2015

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
7440-41-7	Beryllium	ND		mg/kg dry	0.110	0.110	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 18:31	ALD
7440-43-9	Cadmium	2.01		mg/kg dry	0.329	0.329	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 18:31	ALD
7440-70-2	Calcium	23900		mg/kg dry	0.549	5.49	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 18:31	ALD
7440-47-3	Chromium	16.9		mg/kg dry	0.549	0.549	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 18:31	ALD
7440-48-4	Cobalt	5.98		mg/kg dry	0.549	0.549	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 18:31	ALD
7440-50-8	Copper	88.8		mg/kg dry	0.549	0.549	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 18:31	ALD
7439-89-6	Iron	24800		mg/kg dry	2.20	2.20	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 18:31	ALD
7439-92-1	Lead	2440		mg/kg dry	0.329	0.329	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 18:31	ALD
7439-95-4	Magnesium	2110		mg/kg dry	5.49	5.49	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 18:31	ALD
7439-96-5	Manganese	466		mg/kg dry	0.549	0.549	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 18:31	ALD
7440-02-0	Nickel	15.5		mg/kg dry	0.549	0.549	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 18:31	ALD
7440-09-7	Potassium	675		mg/kg dry	5.49	5.49	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 18:31	ALD
7782-49-2	Selenium	2.18		mg/kg dry	1.10	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 18:31	ALD
7440-22-4	Silver	ND		mg/kg dry	0.549	0.549	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 18:31	ALD
7440-23-5	Sodium	306		mg/kg dry	11.0	11.0	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 18:31	ALD
7440-28-0	Thallium	ND		mg/kg dry	1.10	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 18:31	ALD
7440-62-2	Vanadium	24.5		mg/kg dry	1.10	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 18:31	ALD
7440-66-6	Zinc	759		mg/kg dry	1.10	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 18:31	ALD

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	0.292		mg/kg dry	0.0329	0.0329	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	09/01/2015 06:31	09/01/2015 09:28	KV

Total Solids

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SP - 1 (0-2)

York Sample ID: 15H0920-01

<u>York Project (SDG) No.</u> 15H0920	<u>Client Project ID</u> 925 Atlantic Ave Brooklyn NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> August 26, 2015 11:45 am	<u>Date Received</u> 08/27/2015
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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	91.1		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	08/28/2015 09:45	08/31/2015 10:52	CLS

Sample Information

Client Sample ID: SP - 1 (12-14)

York Sample ID: 15H0920-02

<u>York Project (SDG) No.</u> 15H0920	<u>Client Project ID</u> 925 Atlantic Ave Brooklyn NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> August 26, 2015 11:57 am	<u>Date Received</u> 08/27/2015
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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 17:41	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 17:41	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 17:41	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 17:41	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 17:41	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 17:41	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 17:41	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 17:41	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 17:41	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 17:41	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 17:41	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 17:41	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 17:41	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 17:41	BK



Sample Information

Client Sample ID: SP - 1 (12-14)

York Sample ID: 15H0920-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0920

925 Atlantic Ave Brooklyn NY

Soil

August 26, 2015 11:57 am

08/27/2015

Volatile Organics, 8260 - Comprehensive

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
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 17:41	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 17:41	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 17:41	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 17:41	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 17:41	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	41	82	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 17:41	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 17:41	BK
591-78-6	2-Hexanone	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 17:41	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 17:41	BK
67-64-1	Acetone	ND	SCAL- E	ug/kg dry	4.1	8.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 17:41	BK
107-02-8	Acrolein	ND		ug/kg dry	4.1	8.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 17:41	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 17:41	BK
71-43-2	Benzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 17:41	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 17:41	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 17:41	BK
75-25-2	Bromoform	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 17:41	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 17:41	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 17:41	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 17:41	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 17:41	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 17:41	BK
67-66-3	Chloroform	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 17:41	BK



Sample Information

Client Sample ID: SP - 1 (12-14)

York Sample ID: 15H0920-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0920

925 Atlantic Ave Brooklyn NY

Soil

August 26, 2015 11:57 am

08/27/2015

Volatile Organics, 8260 - Comprehensive

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	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 17:41	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 17:41	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 17:41	BK
110-82-7	Cyclohexane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 17:41	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 17:41	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 17:41	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 17:41	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 17:41	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 17:41	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 17:41	BK
79-20-9	Methyl acetate	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 17:41	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 17:41	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 17:41	BK
75-09-2	Methylene chloride	ND		ug/kg dry	4.1	8.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 17:41	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 17:41	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 17:41	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	09/02/2015 08:28	09/02/2015 17:41	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.1	8.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	09/02/2015 08:28	09/02/2015 17:41	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 17:41	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 17:41	BK
100-42-5	Styrene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 17:41	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	4.1	8.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 17:41	BK



Sample Information

Client Sample ID: SP - 1 (12-14)

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Volatile Organics, 8260 - Comprehensive

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
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 17:41	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 17:41	BK
108-88-3	Toluene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 17:41	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 17:41	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 17:41	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 17:41	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 17:41	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 17:41	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.2	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 17:41	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	116 %	77-125								
2037-26-5	Surrogate: Toluene-d8	115 %	85-120								
460-00-4	Surrogate: p-Bromofluorobenzene	90.7 %	76-130								

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	67.9	135	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 11:00	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	135	271	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 11:00	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	67.9	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:00	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	67.9	135	2	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 14:17	09/03/2015 11:00	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	67.9	135	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 11:00	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	67.9	135	2	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 14:17	09/03/2015 11:00	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	67.9	135	2	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 14:17	09/03/2015 11:00	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	135	271	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 11:00	KH



Sample Information

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08/27/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	67.9	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 11:00	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	67.9	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:00	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	67.9	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:00	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	67.9	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:00	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	135	271	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:00	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	67.9	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:00	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	67.9	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:00	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	67.9	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:00	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	67.9	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:00	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	67.9	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 11:00	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	67.9	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:00	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	135	271	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:00	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	67.9	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:00	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	67.9	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 11:00	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	67.9	135	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:00	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	135	271	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:00	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	135	271	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 11:00	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	67.9	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:00	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	67.9	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:00	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	67.9	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:00	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	67.9	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:00	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	135	271	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:00	KH



Sample Information

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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		ug/kg dry	135	271	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:00	KH
83-32-9	Acenaphthene	ND		ug/kg dry	67.9	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:00	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	67.9	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:00	KH
98-86-2	Acetophenone	ND		ug/kg dry	67.9	135	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 11:00	KH
62-53-3	Aniline	ND		ug/kg dry	271	542	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:00	KH
120-12-7	Anthracene	ND		ug/kg dry	67.9	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:00	KH
1912-24-9	Atrazine	ND		ug/kg dry	67.9	135	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 11:00	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	67.9	135	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 11:00	KH
92-87-5	Benzidine	ND		ug/kg dry	271	542	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854	09/01/2015 14:17	09/03/2015 11:00	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	67.9	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:00	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	67.9	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:00	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	67.9	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:00	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	67.9	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:00	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	67.9	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:00	KH
65-85-0	Benzoic acid	ND		ug/kg dry	67.9	135	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 11:00	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	67.9	135	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:00	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	67.9	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:00	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	67.9	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:00	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	67.9	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:00	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	67.9	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:00	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	67.9	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:00	KH
105-60-2	Caprolactam	ND		ug/kg dry	135	271	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 11:00	KH



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August 26, 2015 11:57 am

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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

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/kg dry	67.9	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:00	KH
218-01-9	Chrysene	ND		ug/kg dry	67.9	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:00	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	67.9	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:00	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	67.9	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 11:00	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	67.9	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:00	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	67.9	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:00	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	67.9	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:00	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	67.9	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:00	KH
206-44-0	Fluoranthene	119	J	ug/kg dry	67.9	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:00	KH
86-73-7	Fluorene	ND		ug/kg dry	67.9	135	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:00	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	67.9	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:00	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	67.9	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:00	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	67.9	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:00	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	67.9	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:00	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	67.9	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:00	KH
78-59-1	Isophorone	ND		ug/kg dry	67.9	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:00	KH
91-20-3	Naphthalene	ND		ug/kg dry	67.9	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 11:00	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	67.9	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:00	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	67.9	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 11:00	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	67.9	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:00	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	67.9	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 11:00	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	67.9	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:00	KH



Sample Information

Client Sample ID: SP - 1 (12-14)

York Sample ID: 15H0920-02

York Project (SDG) No.

Client Project ID

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Collection Date/Time

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15H0920

925 Atlantic Ave Brooklyn NY

Soil

August 26, 2015 11:57 am

08/27/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		ug/kg dry	67.9	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:00	KH
108-95-2	Phenol	ND		ug/kg dry	67.9	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:00	KH
129-00-0	Pyrene	110	J	ug/kg dry	67.9	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:00	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	60.3 %			10-95						
4165-62-2	Surrogate: Phenol-d5	51.1 %			10-107						
4165-60-0	Surrogate: Nitrobenzene-d5	57.2 %			10-95						
321-60-8	Surrogate: 2-Fluorobiphenyl	51.9 %			10-97						
118-79-6	Surrogate: 2,4,6-Tribromophenol	43.4 %			10-103						
1718-51-0	Surrogate: Terphenyl-d14	54.2 %			19-99						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:11	AMC
72-55-9	4,4'-DDE	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:11	AMC
50-29-3	4,4'-DDT	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:11	AMC
309-00-2	Aldrin	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:11	AMC
319-84-6	alpha-BHC	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:11	AMC
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:21	09/03/2015 02:11	AMC
319-85-7	beta-BHC	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:11	AMC
57-74-9	Chlordane, total	ND		ug/kg dry	71.5	71.5	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:11	AMC
319-86-8	delta-BHC	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:11	AMC
60-57-1	Dieldrin	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:11	AMC
959-98-8	Endosulfan I	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:11	AMC
33213-65-9	Endosulfan II	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:11	AMC



Sample Information

Client Sample ID: SP - 1 (12-14)

York Sample ID: 15H0920-02

York Project (SDG) No.

Client Project ID

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Date Received

15H0920

925 Atlantic Ave Brooklyn NY

Soil

August 26, 2015 11:57 am

08/27/2015

Pesticides, 8081 target 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
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:11	AMC
72-20-8	Endrin	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:11	AMC
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:11	AMC
53494-70-5	Endrin ketone	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:21	09/03/2015 02:11	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:11	AMC
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:21	09/03/2015 02:11	AMC
76-44-8	Heptachlor	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:11	AMC
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:11	AMC
72-43-5	Methoxychlor	ND		ug/kg dry	8.93	8.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:11	AMC
8001-35-2	Toxaphene	ND		ug/kg dry	90.4	90.4	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:21	09/03/2015 02:11	AMC
	Surrogate Recoveries	Result				Acceptance Range					
877-09-8	Surrogate: Tetrachloro-m-xylene	68.4 %				30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	79.0 %				30-140					

Polychlorinated Biphenyls (PCB)

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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0180	0.0180	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/01/2015 14:21	09/02/2015 16:38	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0180	0.0180	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/01/2015 14:21	09/02/2015 16:38	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0180	0.0180	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/01/2015 14:21	09/02/2015 16:38	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0180	0.0180	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/01/2015 14:21	09/02/2015 16:38	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0180	0.0180	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/01/2015 14:21	09/02/2015 16:38	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0180	0.0180	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/01/2015 14:21	09/02/2015 16:38	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0180	0.0180	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/01/2015 14:21	09/02/2015 16:38	AMC



Sample Information

Client Sample ID: SP - 1 (12-14)

York Sample ID: 15H0920-02

York Project (SDG) No.

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Date Received

15H0920

925 Atlantic Ave Brooklyn NY

Soil

August 26, 2015 11:57 am

08/27/2015

Polychlorinated Biphenyls (PCB)

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		mg/kg dry	0.0180	0.0180	1	EPA 8082A	09/01/2015 14:21	09/02/2015 16:38	AMC
	Surrogate Recoveries	Result						Acceptance Range			
877-09-8	Surrogate: Tetrachloro-m-xylene	52.7 %						30-140			
2051-24-3	Surrogate: Decachlorobiphenyl	45.9 %						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	7660		mg/kg dry	5.41	5.41	1	EPA 6010C	08/28/2015 13:55	09/02/2015 18:39	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-36-0	Antimony	ND		mg/kg dry	0.541	0.541	1	EPA 6010C	08/28/2015 13:55	09/02/2015 18:39	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	Arsenic	5.37		mg/kg dry	1.08	1.08	1	EPA 6010C	08/28/2015 13:55	09/02/2015 18:39	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	Barium	48.9		mg/kg dry	1.08	1.08	1	EPA 6010C	08/28/2015 13:55	09/02/2015 18:39	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/kg dry	0.108	0.108	1	EPA 6010C	08/28/2015 13:55	09/02/2015 18:39	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.325	0.325	1	EPA 6010C	08/28/2015 13:55	09/02/2015 18:39	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	Calcium	3360		mg/kg dry	0.541	5.41	1	EPA 6010C	08/28/2015 13:55	09/02/2015 18:39	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-47-3	Chromium	19.0		mg/kg dry	0.541	0.541	1	EPA 6010C	08/28/2015 13:55	09/02/2015 18:39	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	Cobalt	8.28		mg/kg dry	0.541	0.541	1	EPA 6010C	08/28/2015 13:55	09/02/2015 18:39	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-50-8	Copper	19.6		mg/kg dry	0.541	0.541	1	EPA 6010C	08/28/2015 13:55	09/02/2015 18:39	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7439-89-6	Iron	19300		mg/kg dry	2.17	2.17	1	EPA 6010C	08/28/2015 13:55	09/02/2015 18:39	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7439-92-1	Lead	35.3		mg/kg dry	0.325	0.325	1	EPA 6010C	08/28/2015 13:55	09/02/2015 18:39	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	Magnesium	2900		mg/kg dry	5.41	5.41	1	EPA 6010C	08/28/2015 13:55	09/02/2015 18:39	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7439-96-5	Manganese	346		mg/kg dry	0.541	0.541	1	EPA 6010C	08/28/2015 13:55	09/02/2015 18:39	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-02-0	Nickel	23.8		mg/kg dry	0.541	0.541	1	EPA 6010C	08/28/2015 13:55	09/02/2015 18:39	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	Potassium	1300		mg/kg dry	5.41	5.41	1	EPA 6010C	08/28/2015 13:55	09/02/2015 18:39	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7782-49-2	Selenium	ND		mg/kg dry	1.08	1.08	1	EPA 6010C	08/28/2015 13:55	09/02/2015 18:39	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			



Sample Information

Client Sample ID: SP - 1 (12-14)

York Sample ID: 15H0920-02

York Project (SDG) No.

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925 Atlantic Ave Brooklyn NY

Soil

August 26, 2015 11:57 am

08/27/2015

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	ND		mg/kg dry	0.541	0.541	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 18:39	ALD
7440-23-5	Sodium	114		mg/kg dry	10.8	10.8	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 18:39	ALD
7440-28-0	Thallium	ND		mg/kg dry	1.08	1.08	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 18:39	ALD
7440-62-2	Vanadium	29.1		mg/kg dry	1.08	1.08	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 18:39	ALD
7440-66-6	Zinc	42.2		mg/kg dry	1.08	1.08	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 18:39	ALD

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	0.0733		mg/kg dry	0.0325	0.0325	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	09/01/2015 06:31	09/01/2015 09:37	KV

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	92.4		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	08/28/2015 09:45	08/31/2015 10:52	CLS

Sample Information

Client Sample ID: SP - 2 (0-2)

York Sample ID: 15H0920-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0920

925 Atlantic Ave Brooklyn NY

Soil

August 26, 2015 2:15 pm

08/27/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 18:23	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 18:23	BK



Sample Information

Client Sample ID: SP - 2 (0-2)

York Sample ID: 15H0920-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0920

925 Atlantic Ave Brooklyn NY

Soil

August 26, 2015 2:15 pm

08/27/2015

Volatile Organics, 8260 - Comprehensive

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
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 18:23	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 18:23	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 18:23	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 18:23	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 18:23	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 18:23	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 18:23	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 18:23	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 18:23	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 18:23	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 18:23	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 18:23	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 18:23	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 18:23	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 18:23	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 18:23	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 18:23	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 18:23	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 18:23	BK
591-78-6	2-Hexanone	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 18:23	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 18:23	BK
67-64-1	Acetone	20	SCAL- E	ug/kg dry	4.0	8.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 18:23	BK



Sample Information

Client Sample ID: SP - 2 (0-2)

York Sample ID: 15H0920-03

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925 Atlantic Ave Brooklyn NY

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Volatile Organics, 8260 - Comprehensive

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
107-02-8	Acrolein	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 18:23	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 18:23	BK
71-43-2	Benzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 18:23	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 18:23	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 18:23	BK
75-25-2	Bromoform	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 18:23	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 18:23	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 18:23	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 18:23	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 18:23	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 18:23	BK
67-66-3	Chloroform	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 18:23	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 18:23	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 18:23	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 18:23	BK
110-82-7	Cyclohexane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 18:23	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 18:23	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 18:23	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 18:23	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 18:23	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 18:23	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 18:23	BK



Sample Information

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925 Atlantic Ave Brooklyn NY

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Volatile Organics, 8260 - Comprehensive

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
79-20-9	Methyl acetate	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 18:23	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 18:23	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 18:23	BK
75-09-2	Methylene chloride	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 18:23	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 18:23	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 18:23	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	09/02/2015 08:28	09/02/2015 18:23	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	09/02/2015 08:28	09/02/2015 18:23	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 18:23	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 18:23	BK
100-42-5	Styrene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 18:23	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 18:23	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 18:23	BK
127-18-4	Tetrachloroethylene	16		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 18:23	BK
108-88-3	Toluene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 18:23	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 18:23	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 18:23	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 18:23	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 18:23	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 18:23	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.0	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 18:23	BK
	Surrogate Recoveries	Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	122 %			77-125						



Sample Information

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Volatile Organics, 8260 - Comprehensive

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
2037-26-5	Surrogate: Toluene-d8	114 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	112 %			76-130						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	133	J	ug/kg dry	71.7	143	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 14:15	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	143	286	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 14:15	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	71.7	143	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 14:15	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	71.7	143	2	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 14:17	09/03/2015 14:15	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	71.7	143	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 14:15	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	71.7	143	2	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 14:17	09/03/2015 14:15	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	71.7	143	2	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 14:17	09/03/2015 14:15	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	143	286	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 14:15	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	71.7	143	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 14:15	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	71.7	143	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 14:15	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	71.7	143	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 14:15	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	71.7	143	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 14:15	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	143	286	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 14:15	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	71.7	143	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 14:15	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	71.7	143	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 14:15	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	71.7	143	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 14:15	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	71.7	143	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 14:15	KH
91-57-6	2-Methylnaphthalene	403		ug/kg dry	71.7	143	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 14:15	KH



Sample Information

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08/27/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/kg dry	71.7	143	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 14:15	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	143	286	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 14:15	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	71.7	143	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 14:15	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	71.7	143	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 14:15	KH
91-94-1	3,3'-Dichlorobenzidine	ND	IS-04	ug/kg dry	717	1430	20	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 15:34	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	143	286	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 14:15	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	143	286	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 14:15	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	71.7	143	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 14:15	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	71.7	143	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 14:15	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	71.7	143	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 14:15	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	71.7	143	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 14:15	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	143	286	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 14:15	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	143	286	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 14:15	KH
83-32-9	Acenaphthene	1180		ug/kg dry	71.7	143	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 14:15	KH
208-96-8	Acenaphthylene	262		ug/kg dry	71.7	143	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 14:15	KH
98-86-2	Acetophenone	ND		ug/kg dry	71.7	143	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 14:15	KH
62-53-3	Aniline	ND		ug/kg dry	287	573	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 14:15	KH
120-12-7	Anthracene	1890		ug/kg dry	71.7	143	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 14:15	KH
1912-24-9	Atrazine	ND		ug/kg dry	71.7	143	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 14:15	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	71.7	143	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 14:15	KH
92-87-5	Benzidine	ND		ug/kg dry	287	573	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854	09/01/2015 14:17	09/03/2015 14:15	KH
56-55-3	Benzo(a)anthracene	3030	IS-04	ug/kg dry	717	1430	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 15:34	SR



Sample Information

Client Sample ID: SP - 2 (0-2)

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925 Atlantic Ave Brooklyn NY

Soil

August 26, 2015 2:15 pm

08/27/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	Benzo(a)pyrene	1720	IS-04	ug/kg dry	717	1430	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 15:34	SR
205-99-2	Benzo(b)fluoranthene	1590	IS-04	ug/kg dry	717	1430	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 15:34	SR
191-24-2	Benzo(g,h,i)perylene	2150	IS-06	ug/kg dry	717	1430	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 15:34	SR
207-08-9	Benzo(k)fluoranthene	1970	IS-04	ug/kg dry	717	1430	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 15:34	SR
65-85-0	Benzoic acid	ND		ug/kg dry	71.7	143	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 14:15	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	71.7	143	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 14:15	KH
85-68-7	Benzyl butyl phthalate	ND	IS-04	ug/kg dry	717	1430	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 15:34	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	71.7	143	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 14:15	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	71.7	143	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 14:15	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	71.7	143	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 14:15	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND	IS-04	ug/kg dry	717	1430	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 15:34	SR
105-60-2	Caprolactam	ND		ug/kg dry	143	286	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 14:15	KH
86-74-8	Carbazole	859		ug/kg dry	71.7	143	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 14:15	KH
218-01-9	Chrysene	6870	IS-04	ug/kg dry	717	1430	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 15:34	SR
53-70-3	Dibenzo(a,h)anthracene	1030	IS-06, J	ug/kg dry	717	1430	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 15:34	SR
132-64-9	Dibenzofuran	685		ug/kg dry	71.7	143	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 14:15	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	71.7	143	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 14:15	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	71.7	143	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 14:15	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	71.7	143	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 14:15	KH
117-84-0	Di-n-octyl phthalate	ND	IS-04	ug/kg dry	717	1430	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 15:34	SR
206-44-0	Fluoranthene	14500		ug/kg dry	717	1430	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 15:34	SR
86-73-7	Fluorene	1010		ug/kg dry	71.7	143	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 14:15	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	71.7	143	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 14:15	KH



Sample Information

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925 Atlantic Ave Brooklyn NY

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August 26, 2015 2:15 pm

08/27/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	71.7	143	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 14:15	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	71.7	143	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 14:15	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	71.7	143	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 14:15	KH
193-39-5	Indeno(1,2,3-cd)pyrene	2200	IS-06	ug/kg dry	717	1430	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 15:34	SR
78-59-1	Isophorone	ND		ug/kg dry	71.7	143	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 14:15	KH
91-20-3	Naphthalene	540		ug/kg dry	71.7	143	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 14:15	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	71.7	143	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 14:15	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	71.7	143	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 14:15	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	71.7	143	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 14:15	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	71.7	143	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 14:15	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	71.7	143	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 14:15	KH
85-01-8	Phenanthrene	14400		ug/kg dry	717	1430	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 15:34	SR
108-95-2	Phenol	ND		ug/kg dry	71.7	143	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 14:15	KH
129-00-0	Pyrene	12300	IS-04	ug/kg dry	717	1430	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 15:34	SR
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	41.8 %			10-95						
4165-62-2	Surrogate: Phenol-d5	47.7 %			10-107						
4165-60-0	Surrogate: Nitrobenzene-d5	43.1 %			10-95						
321-60-8	Surrogate: 2-Fluorobiphenyl	42.5 %			10-97						
118-79-6	Surrogate: 2,4,6-Tribromophenol	60.9 %			10-103						
1718-51-0	Surrogate: Terphenyl-d14	44.4 %	IS-04		19-99						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 14:16	AMC



Sample Information

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Pesticides, 8081 target 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
72-55-9	4,4'-DDE	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 14:16	AMC
50-29-3	4,4'-DDT	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 14:16	AMC
309-00-2	Aldrin	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 14:16	AMC
319-84-6	alpha-BHC	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 14:16	AMC
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:21	09/03/2015 14:16	AMC
319-85-7	beta-BHC	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 14:16	AMC
57-74-9	Chlordane, total	ND		ug/kg dry	75.5	75.5	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 14:16	AMC
319-86-8	delta-BHC	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 14:16	AMC
60-57-1	Dieldrin	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 14:16	AMC
959-98-8	Endosulfan I	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 14:16	AMC
33213-65-9	Endosulfan II	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 14:16	AMC
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 14:16	AMC
72-20-8	Endrin	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 14:16	AMC
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 14:16	AMC
53494-70-5	Endrin ketone	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:21	09/03/2015 14:16	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 14:16	AMC
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:21	09/03/2015 14:16	AMC
76-44-8	Heptachlor	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 14:16	AMC
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 14:16	AMC
72-43-5	Methoxychlor	ND		ug/kg dry	9.44	9.44	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 14:16	AMC
8001-35-2	Toxaphene	ND		ug/kg dry	95.5	95.5	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:21	09/03/2015 14:16	AMC

Surrogate Recoveries

Result

Acceptance Range

877-09-8 Surrogate: Tetrachloro-m-xylene

44.5 %

30-140



Sample Information

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Pesticides, 8081 target 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
2051-24-3	Surrogate: Decachlorobiphenyl	69.6 %				30-140					

Polychlorinated Biphenyls (PCB)

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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0191	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/01/2015 14:21	09/02/2015 16:55	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0191	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/01/2015 14:21	09/02/2015 16:55	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0191	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/01/2015 14:21	09/02/2015 16:55	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0191	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/01/2015 14:21	09/02/2015 16:55	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0191	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/01/2015 14:21	09/02/2015 16:55	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0191	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/01/2015 14:21	09/02/2015 16:55	AMC
11096-82-5	Aroclor 1260	0.0395		mg/kg dry	0.0191	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/01/2015 14:21	09/02/2015 16:55	AMC
1336-36-3	* Total PCBs	0.0395		mg/kg dry	0.0191	0.0191	1	EPA 8082A Certifications:	09/01/2015 14:21	09/02/2015 16:55	AMC

Surrogate Recoveries

Result

Acceptance Range

877-09-8	Surrogate: Tetrachloro-m-xylene	56.7 %				30-140
2051-24-3	Surrogate: Decachlorobiphenyl	56.5 %				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	6530		mg/kg dry	5.72	5.72	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 18:43	ALD
7440-36-0	Antimony	ND		mg/kg dry	0.572	0.572	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 18:43	ALD
7440-38-2	Arsenic	9.74		mg/kg dry	1.14	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 18:43	ALD
7440-39-3	Barium	659		mg/kg dry	1.14	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 18:43	ALD
7440-41-7	Beryllium	ND		mg/kg dry	0.114	0.114	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 18:43	ALD
7440-43-9	Cadmium	0.921		mg/kg dry	0.343	0.343	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 18:43	ALD



Sample Information

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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
7440-70-2	Calcium	19500		mg/kg dry	0.572	5.72	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 18:43	ALD
7440-47-3	Chromium	13.6		mg/kg dry	0.572	0.572	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 18:43	ALD
7440-48-4	Cobalt	5.60		mg/kg dry	0.572	0.572	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 18:43	ALD
7440-50-8	Copper	37.2		mg/kg dry	0.572	0.572	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 18:43	ALD
7439-89-6	Iron	17800		mg/kg dry	2.29	2.29	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 18:43	ALD
7439-92-1	Lead	2710		mg/kg dry	0.343	0.343	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 18:43	ALD
7439-95-4	Magnesium	2780		mg/kg dry	5.72	5.72	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 18:43	ALD
7439-96-5	Manganese	243		mg/kg dry	0.572	0.572	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 18:43	ALD
7440-02-0	Nickel	15.5		mg/kg dry	0.572	0.572	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 18:43	ALD
7440-09-7	Potassium	1230		mg/kg dry	5.72	5.72	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 18:43	ALD
7782-49-2	Selenium	ND		mg/kg dry	1.14	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 18:43	ALD
7440-22-4	Silver	ND		mg/kg dry	0.572	0.572	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 18:43	ALD
7440-23-5	Sodium	136		mg/kg dry	11.4	11.4	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 18:43	ALD
7440-28-0	Thallium	ND		mg/kg dry	1.14	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 18:43	ALD
7440-62-2	Vanadium	19.3		mg/kg dry	1.14	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 18:43	ALD
7440-66-6	Zinc	420		mg/kg dry	1.14	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 18:43	ALD

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	0.480		mg/kg dry	0.0343	0.0343	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	09/01/2015 06:31	09/01/2015 09:46	KV

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
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Sample Information

Client Sample ID: SP - 2 (0-2)

York Sample ID: 15H0920-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0920

925 Atlantic Ave Brooklyn NY

Soil

August 26, 2015 2:15 pm

08/27/2015

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	87.4		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	08/28/2015 09:45	08/31/2015 10:52	CLS

Sample Information

Client Sample ID: SP - 2 (12-14)

York Sample ID: 15H0920-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0920

925 Atlantic Ave Brooklyn NY

Soil

August 26, 2015 2:35 pm

08/27/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:05	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 19:05	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 19:05	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:05	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 19:05	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 19:05	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 19:05	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:05	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:05	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:05	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:05	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:05	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:05	BK



Sample Information

Client Sample ID: SP - 2 (12-14)

York Sample ID: 15H0920-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0920

925 Atlantic Ave Brooklyn NY

Soil

August 26, 2015 2:35 pm

08/27/2015

Volatile Organics, 8260 - Comprehensive

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
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 19:05	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 19:05	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:05	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:05	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 19:05	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 19:05	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	35	69	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:05	BK
78-93-3	2-Butanone	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:05	BK
591-78-6	2-Hexanone	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:05	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:05	BK
67-64-1	Acetone	6.4	SCAL- E, J	ug/kg dry	3.5	6.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:05	BK
107-02-8	Acrolein	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:05	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:05	BK
71-43-2	Benzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 19:05	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:05	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 19:05	BK
75-25-2	Bromoform	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 19:05	BK
74-83-9	Bromomethane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 19:05	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:05	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 19:05	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 19:05	BK
75-00-3	Chloroethane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 19:05	BK



Sample Information

Client Sample ID: SP - 2 (12-14)

York Sample ID: 15H0920-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0920

925 Atlantic Ave Brooklyn NY

Soil

August 26, 2015 2:35 pm

08/27/2015

Volatile Organics, 8260 - Comprehensive

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
67-66-3	Chloroform	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 19:05	BK
74-87-3	Chloromethane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 19:05	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:05	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 19:05	BK
110-82-7	Cyclohexane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:05	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 19:05	BK
74-95-3	Dibromomethane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:05	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:05	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 19:05	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:05	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:05	BK
79-20-9	Methyl acetate	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:05	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:05	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:05	BK
75-09-2	Methylene chloride	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 19:05	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:05	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:05	BK
95-47-6	o-Xylene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	09/02/2015 08:28	09/02/2015 19:05	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	09/02/2015 08:28	09/02/2015 19:05	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:05	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:05	BK
100-42-5	Styrene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:05	BK



Sample Information

Client Sample ID: SP - 2 (12-14)

York Sample ID: 15H0920-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0920

925 Atlantic Ave Brooklyn NY

Soil

August 26, 2015 2:35 pm

08/27/2015

Volatile Organics, 8260 - Comprehensive

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
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:05	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:05	BK
127-18-4	Tetrachloroethylene	2.0	J	ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 19:05	BK
108-88-3	Toluene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 19:05	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:05	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 19:05	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 19:05	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 19:05	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 19:05	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 19:05	BK
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	126 %	S-08		77-125						
2037-26-5	Surrogate: Toluene-d8	108 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	91.9 %			76-130						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	67.8	135	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 11:33	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	135	270	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 11:33	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	67.8	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:33	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	67.8	135	2	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 14:17	09/03/2015 11:33	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	67.8	135	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 11:33	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	67.8	135	2	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 14:17	09/03/2015 11:33	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	67.8	135	2	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 14:17	09/03/2015 11:33	KH



Sample Information

Client Sample ID: SP - 2 (12-14)

York Sample ID: 15H0920-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0920

925 Atlantic Ave Brooklyn NY

Soil

August 26, 2015 2:35 pm

08/27/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	135	270	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 11:33	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	67.8	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 11:33	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	67.8	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:33	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	67.8	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:33	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	67.8	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:33	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	135	270	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:33	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	67.8	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:33	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	67.8	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:33	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	67.8	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:33	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	67.8	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:33	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	67.8	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 11:33	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	67.8	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:33	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	135	270	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:33	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	67.8	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:33	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	67.8	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 11:33	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	67.8	135	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:33	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	135	270	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:33	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	135	270	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 11:33	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	67.8	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:33	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	67.8	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:33	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	67.8	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:33	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	67.8	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:33	KH



Sample Information

Client Sample ID: SP - 2 (12-14)

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925 Atlantic Ave Brooklyn NY

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August 26, 2015 2:35 pm

08/27/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		ug/kg dry	135	270	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:33	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	135	270	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:33	KH
83-32-9	Acenaphthene	ND		ug/kg dry	67.8	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:33	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	67.8	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:33	KH
98-86-2	Acetophenone	ND		ug/kg dry	67.8	135	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 11:33	KH
62-53-3	Aniline	ND		ug/kg dry	271	542	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:33	KH
120-12-7	Anthracene	ND		ug/kg dry	67.8	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:33	KH
1912-24-9	Atrazine	ND		ug/kg dry	67.8	135	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 11:33	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	67.8	135	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 11:33	KH
92-87-5	Benzidine	ND		ug/kg dry	271	542	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854	09/01/2015 14:17	09/03/2015 11:33	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	67.8	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:33	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	67.8	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:33	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	67.8	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:33	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	67.8	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:33	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	67.8	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:33	KH
65-85-0	Benzoic acid	ND		ug/kg dry	67.8	135	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 11:33	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	67.8	135	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:33	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	67.8	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:33	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	67.8	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:33	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	67.8	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:33	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	67.8	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:33	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	67.8	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:33	KH



Sample Information

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925 Atlantic Ave Brooklyn NY

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08/27/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

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	135	270	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 11:33	KH
86-74-8	Carbazole	ND		ug/kg dry	67.8	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:33	KH
218-01-9	Chrysene	ND		ug/kg dry	67.8	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:33	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	67.8	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:33	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	67.8	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 11:33	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	67.8	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:33	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	67.8	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:33	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	67.8	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:33	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	67.8	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:33	KH
206-44-0	Fluoranthene	ND		ug/kg dry	67.8	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:33	KH
86-73-7	Fluorene	ND		ug/kg dry	67.8	135	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:33	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	67.8	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:33	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	67.8	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:33	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	67.8	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:33	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	67.8	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:33	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	67.8	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:33	KH
78-59-1	Isophorone	ND		ug/kg dry	67.8	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:33	KH
91-20-3	Naphthalene	ND		ug/kg dry	67.8	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 11:33	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	67.8	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:33	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	67.8	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 11:33	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	67.8	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:33	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	67.8	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 11:33	KH



Sample Information

Client Sample ID: SP - 2 (12-14)

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925 Atlantic Ave Brooklyn NY

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August 26, 2015 2:35 pm

08/27/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		ug/kg dry	67.8	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:33	KH
85-01-8	Phenanthrene	ND		ug/kg dry	67.8	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:33	KH
108-95-2	Phenol	ND		ug/kg dry	67.8	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:33	KH
129-00-0	Pyrene	ND		ug/kg dry	67.8	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:33	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	59.2 %			10-95						
4165-62-2	Surrogate: Phenol-d5	51.9 %			10-107						
4165-60-0	Surrogate: Nitrobenzene-d5	54.4 %			10-95						
321-60-8	Surrogate: 2-Fluorobiphenyl	47.2 %			10-97						
118-79-6	Surrogate: 2,4,6-Tribromophenol	57.2 %			10-103						
1718-51-0	Surrogate: Terphenyl-d14	54.9 %			19-99						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.78	1.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:26	AMC
72-55-9	4,4'-DDE	ND		ug/kg dry	1.78	1.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:26	AMC
50-29-3	4,4'-DDT	ND		ug/kg dry	1.78	1.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:26	AMC
309-00-2	Aldrin	ND		ug/kg dry	1.78	1.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:26	AMC
319-84-6	alpha-BHC	ND		ug/kg dry	1.78	1.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:26	AMC
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.78	1.78	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:21	09/03/2015 02:26	AMC
319-85-7	beta-BHC	ND		ug/kg dry	1.78	1.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:26	AMC
57-74-9	Chlordane, total	ND		ug/kg dry	71.4	71.4	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:26	AMC
319-86-8	delta-BHC	ND		ug/kg dry	1.78	1.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:26	AMC
60-57-1	Dieldrin	ND		ug/kg dry	1.78	1.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:26	AMC
959-98-8	Endosulfan I	ND		ug/kg dry	1.78	1.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:26	AMC



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925 Atlantic Ave Brooklyn NY

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Pesticides, 8081 target 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
33213-65-9	Endosulfan II	ND		ug/kg dry	1.78	1.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:26	AMC
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.78	1.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:26	AMC
72-20-8	Endrin	ND		ug/kg dry	1.78	1.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:26	AMC
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.78	1.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:26	AMC
53494-70-5	Endrin ketone	ND		ug/kg dry	1.78	1.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:21	09/03/2015 02:26	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.78	1.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:26	AMC
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.78	1.78	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:21	09/03/2015 02:26	AMC
76-44-8	Heptachlor	ND		ug/kg dry	1.78	1.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:26	AMC
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.78	1.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:26	AMC
72-43-5	Methoxychlor	ND		ug/kg dry	8.92	8.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:26	AMC
8001-35-2	Toxaphene	ND		ug/kg dry	90.3	90.3	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:21	09/03/2015 02:26	AMC

Surrogate Recoveries

Result

Acceptance Range

877-09-8	Surrogate: Tetrachloro-m-xylene	85.8 %	30-140
2051-24-3	Surrogate: Decachlorobiphenyl	95.5 %	30-140

Polychlorinated Biphenyls (PCB)

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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0180	0.0180	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/01/2015 14:21	09/02/2015 17:14	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0180	0.0180	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/01/2015 14:21	09/02/2015 17:14	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0180	0.0180	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/01/2015 14:21	09/02/2015 17:14	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0180	0.0180	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/01/2015 14:21	09/02/2015 17:14	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0180	0.0180	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/01/2015 14:21	09/02/2015 17:14	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0180	0.0180	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/01/2015 14:21	09/02/2015 17:14	AMC



Sample Information

Client Sample ID: SP - 2 (12-14)

York Sample ID: 15H0920-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0920

925 Atlantic Ave Brooklyn NY

Soil

August 26, 2015 2:35 pm

08/27/2015

Polychlorinated Biphenyls (PCB)

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
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0180	0.0180	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/01/2015 14:21	09/02/2015 17:14	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0180	0.0180	1	EPA 8082A Certifications:	09/01/2015 14:21	09/02/2015 17:14	AMC
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	67.7 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	65.7 %			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	6630		mg/kg dry	5.41	5.41	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 18:51	ALD
7440-36-0	Antimony	ND		mg/kg dry	0.541	0.541	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 18:51	ALD
7440-38-2	Arsenic	2.20		mg/kg dry	1.08	1.08	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 18:51	ALD
7440-39-3	Barium	48.6		mg/kg dry	1.08	1.08	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 18:51	ALD
7440-41-7	Beryllium	ND		mg/kg dry	0.108	0.108	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 18:51	ALD
7440-43-9	Cadmium	ND		mg/kg dry	0.325	0.325	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 18:51	ALD
7440-70-2	Calcium	1460		mg/kg dry	0.541	5.41	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 18:51	ALD
7440-47-3	Chromium	15.2		mg/kg dry	0.541	0.541	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 18:51	ALD
7440-48-4	Cobalt	7.11		mg/kg dry	0.541	0.541	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 18:51	ALD
7440-50-8	Copper	20.5		mg/kg dry	0.541	0.541	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 18:51	ALD
7439-89-6	Iron	15200		mg/kg dry	2.16	2.16	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 18:51	ALD
7439-92-1	Lead	50.2		mg/kg dry	0.325	0.325	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 18:51	ALD
7439-95-4	Magnesium	2330		mg/kg dry	5.41	5.41	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 18:51	ALD
7439-96-5	Manganese	352		mg/kg dry	0.541	0.541	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 18:51	ALD
7440-02-0	Nickel	27.0		mg/kg dry	0.541	0.541	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 18:51	ALD
7440-09-7	Potassium	1190		mg/kg dry	5.41	5.41	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 18:51	ALD



Sample Information

Client Sample ID: SP - 2 (12-14)

York Sample ID: 15H0920-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0920

925 Atlantic Ave Brooklyn NY

Soil

August 26, 2015 2:35 pm

08/27/2015

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
7782-49-2	Selenium	ND		mg/kg dry	1.08	1.08	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 18:51	ALD
7440-22-4	Silver	ND		mg/kg dry	0.541	0.541	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 18:51	ALD
7440-23-5	Sodium	138		mg/kg dry	10.8	10.8	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 18:51	ALD
7440-28-0	Thallium	ND		mg/kg dry	1.08	1.08	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 18:51	ALD
7440-62-2	Vanadium	25.5		mg/kg dry	1.08	1.08	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 18:51	ALD
7440-66-6	Zinc	45.4		mg/kg dry	1.08	1.08	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 18:51	ALD

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	0.0335		mg/kg dry	0.0325	0.0325	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	09/01/2015 06:31	09/01/2015 09:56	KV

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	92.4		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	08/28/2015 09:45	08/31/2015 10:52	CLS

Sample Information

Client Sample ID: SP - 3 (0-2)

York Sample ID: 15H0920-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0920

925 Atlantic Ave Brooklyn NY

Soil

August 26, 2015 12:50 pm

08/27/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:47	BK



Sample Information

Client Sample ID: SP - 3 (0-2)

York Sample ID: 15H0920-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0920

925 Atlantic Ave Brooklyn NY

Soil

August 26, 2015 12:50 pm

08/27/2015

Volatile Organics, 8260 - Comprehensive

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
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 19:47	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 19:47	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:47	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 19:47	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 19:47	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 19:47	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:47	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:47	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:47	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:47	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:47	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:47	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 19:47	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 19:47	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:47	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:47	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 19:47	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 19:47	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	70	140	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:47	BK
78-93-3	2-Butanone	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:47	BK
591-78-6	2-Hexanone	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:47	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:47	BK



Sample Information

Client Sample ID: SP - 3 (0-2)

York Sample ID: 15H0920-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0920

925 Atlantic Ave Brooklyn NY

Soil

August 26, 2015 12:50 pm

08/27/2015

Volatile Organics, 8260 - Comprehensive

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	14	SCAL-E	ug/kg dry	7.0	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:47	BK
107-02-8	Acrolein	ND		ug/kg dry	7.0	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:47	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:47	BK
71-43-2	Benzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 19:47	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:47	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 19:47	BK
75-25-2	Bromoform	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 19:47	BK
74-83-9	Bromomethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 19:47	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:47	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 19:47	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 19:47	BK
75-00-3	Chloroethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 19:47	BK
67-66-3	Chloroform	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 19:47	BK
74-87-3	Chloromethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 19:47	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:47	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 19:47	BK
110-82-7	Cyclohexane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:47	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 19:47	BK
74-95-3	Dibromomethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:47	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:47	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 19:47	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:47	BK



Sample Information

Client Sample ID: SP - 3 (0-2)

York Sample ID: 15H0920-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0920

925 Atlantic Ave Brooklyn NY

Soil

August 26, 2015 12:50 pm

08/27/2015

Volatile Organics, 8260 - Comprehensive

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
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:47	BK
79-20-9	Methyl acetate	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:47	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:47	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:47	BK
75-09-2	Methylene chloride	ND		ug/kg dry	7.0	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 19:47	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:47	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:47	BK
95-47-6	o-Xylene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	09/02/2015 08:28	09/02/2015 19:47	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	7.0	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	09/02/2015 08:28	09/02/2015 19:47	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:47	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:47	BK
100-42-5	Styrene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:47	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	7.0	14	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:47	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:47	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 19:47	BK
108-88-3	Toluene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 19:47	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 19:47	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 19:47	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 19:47	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 19:47	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 19:47	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	11	21	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 19:47	BK



Sample Information

Client Sample ID: SP - 3 (0-2)

York Sample ID: 15H0920-05

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925 Atlantic Ave Brooklyn NY

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August 26, 2015 12:50 pm

08/27/2015

Volatile Organics, 8260 - Comprehensive

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
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	122 %			77-125						
2037-26-5	Surrogate: Toluene-d8	107 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	92.4 %			76-130						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	188		ug/kg dry	71.0	142	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 12:38	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	142	283	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 12:38	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	71.0	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:38	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	71.0	142	2	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 14:17	09/03/2015 12:38	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	71.0	142	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 12:38	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	71.0	142	2	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 14:17	09/03/2015 12:38	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	71.0	142	2	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 14:17	09/03/2015 12:38	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	142	283	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 12:38	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	71.0	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 12:38	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	71.0	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:38	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	71.0	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:38	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	71.0	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:38	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	142	283	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:38	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	71.0	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:38	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	71.0	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:38	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	71.0	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:38	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	71.0	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:38	KH



Sample Information

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925 Atlantic Ave Brooklyn NY

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August 26, 2015 12:50 pm

08/27/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	695		ug/kg dry	71.0	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 12:38	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	71.0	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:38	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	142	283	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:38	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	71.0	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:38	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	71.0	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 12:38	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	71.0	142	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:38	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	142	283	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:38	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	142	283	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 12:38	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	71.0	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:38	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	71.0	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:38	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	71.0	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:38	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	71.0	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:38	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	142	283	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:38	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	142	283	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:38	KH
83-32-9	Acenaphthene	1510		ug/kg dry	71.0	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:38	KH
208-96-8	Acenaphthylene	111	J	ug/kg dry	71.0	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:38	KH
98-86-2	Acetophenone	ND		ug/kg dry	71.0	142	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 12:38	KH
62-53-3	Aniline	ND		ug/kg dry	284	567	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:38	KH
120-12-7	Anthracene	2530		ug/kg dry	71.0	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:38	KH
1912-24-9	Atrazine	ND		ug/kg dry	71.0	142	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 12:38	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	71.0	142	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 12:38	KH
92-87-5	Benzidine	ND		ug/kg dry	284	567	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854	09/01/2015 14:17	09/03/2015 12:38	KH



Sample Information

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08/27/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-55-3	Benzo(a)anthracene	6160		ug/kg dry	710	1420	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 14:48	KH
50-32-8	Benzo(a)pyrene	1410		ug/kg dry	71.0	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:38	KH
205-99-2	Benzo(b)fluoranthene	1740		ug/kg dry	71.0	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:38	KH
191-24-2	Benzo(g,h,i)perylene	ND	IS-06	ug/kg dry	710	1420	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 14:48	KH
207-08-9	Benzo(k)fluoranthene	1940		ug/kg dry	71.0	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:38	KH
65-85-0	Benzoic acid	ND		ug/kg dry	71.0	142	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 12:38	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	71.0	142	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:38	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	71.0	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:38	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	71.0	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:38	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	71.0	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:38	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	71.0	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:38	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	71.0	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:38	KH
105-60-2	Caprolactam	ND		ug/kg dry	142	283	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 12:38	KH
86-74-8	Carbazole	1970		ug/kg dry	71.0	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:38	KH
218-01-9	Chrysene	3930		ug/kg dry	71.0	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:38	KH
53-70-3	Dibenzo(a,h)anthracene	ND	IS-06	ug/kg dry	710	1420	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 14:48	KH
132-64-9	Dibenzofuran	1410		ug/kg dry	71.0	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 12:38	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	71.0	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:38	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	71.0	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:38	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	71.0	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:38	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	71.0	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:38	KH
206-44-0	Fluoranthene	13800		ug/kg dry	710	1420	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 14:48	KH
86-73-7	Fluorene	2000		ug/kg dry	71.0	142	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:38	KH



Sample Information

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925 Atlantic Ave Brooklyn NY

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August 26, 2015 12:50 pm

08/27/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-74-1	Hexachlorobenzene	ND		ug/kg dry	71.0	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:38	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	71.0	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:38	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	71.0	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:38	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	71.0	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:38	KH
193-39-5	Indeno(1,2,3-cd)pyrene	804	IS-06, J	ug/kg dry	710	1420	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 14:48	KH
78-59-1	Isophorone	ND		ug/kg dry	71.0	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:38	KH
91-20-3	Naphthalene	1630		ug/kg dry	71.0	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 12:38	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	71.0	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:38	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	71.0	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 12:38	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	71.0	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:38	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	71.0	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 12:38	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	71.0	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:38	KH
85-01-8	Phenanthrene	16300		ug/kg dry	710	1420	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 14:48	KH
108-95-2	Phenol	ND		ug/kg dry	71.0	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:38	KH
129-00-0	Pyrene	12400		ug/kg dry	710	1420	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 14:48	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	48.0 %	10-95								
4165-62-2	Surrogate: Phenol-d5	50.3 %	10-107								
4165-60-0	Surrogate: Nitrobenzene-d5	47.2 %	10-95								
321-60-8	Surrogate: 2-Fluorobiphenyl	44.1 %	10-97								
118-79-6	Surrogate: 2,4,6-Tribromophenol	58.5 %	10-103								
1718-51-0	Surrogate: Terphenyl-d14	55.2 %	19-99								

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: SP - 3 (0-2)

York Sample ID: 15H0920-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0920

925 Atlantic Ave Brooklyn NY

Soil

August 26, 2015 12:50 pm

08/27/2015

Pesticides, 8081 target 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	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:41	AMC
72-55-9	4,4'-DDE	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:41	AMC
50-29-3	4,4'-DDT	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:41	AMC
309-00-2	Aldrin	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:41	AMC
319-84-6	alpha-BHC	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:41	AMC
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:21	09/03/2015 02:41	AMC
319-85-7	beta-BHC	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:41	AMC
57-74-9	Chlordane, total	ND		ug/kg dry	74.7	74.7	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:41	AMC
319-86-8	delta-BHC	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:41	AMC
60-57-1	Dieldrin	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:41	AMC
959-98-8	Endosulfan I	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:41	AMC
33213-65-9	Endosulfan II	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:41	AMC
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:41	AMC
72-20-8	Endrin	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:41	AMC
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:41	AMC
53494-70-5	Endrin ketone	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:21	09/03/2015 02:41	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:41	AMC
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:21	09/03/2015 02:41	AMC
76-44-8	Heptachlor	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:41	AMC
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:41	AMC
72-43-5	Methoxychlor	ND		ug/kg dry	9.34	9.34	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:41	AMC



Sample Information

Client Sample ID: SP - 3 (0-2)

York Sample ID: 15H0920-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0920

925 Atlantic Ave Brooklyn NY

Soil

August 26, 2015 12:50 pm

08/27/2015

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
7440-41-7	Beryllium	ND		mg/kg dry	0.113	0.113	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:09	ALD
7440-43-9	Cadmium	0.507		mg/kg dry	0.340	0.340	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 19:09	ALD
7440-70-2	Calcium	45800		mg/kg dry	0.566	5.66	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:09	ALD
7440-47-3	Chromium	15.2		mg/kg dry	0.566	0.566	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 19:09	ALD
7440-48-4	Cobalt	6.01		mg/kg dry	0.566	0.566	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:09	ALD
7440-50-8	Copper	37.9		mg/kg dry	0.566	0.566	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:09	ALD
7439-89-6	Iron	12200		mg/kg dry	2.27	2.27	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:09	ALD
7439-92-1	Lead	2120		mg/kg dry	0.340	0.340	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 19:09	ALD
7439-95-4	Magnesium	3530		mg/kg dry	5.66	5.66	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:09	ALD
7439-96-5	Manganese	258		mg/kg dry	0.566	0.566	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:09	ALD
7440-02-0	Nickel	19.0		mg/kg dry	0.566	0.566	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 19:09	ALD
7440-09-7	Potassium	706		mg/kg dry	5.66	5.66	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:09	ALD
7782-49-2	Selenium	ND		mg/kg dry	1.13	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 19:09	ALD
7440-22-4	Silver	ND		mg/kg dry	0.566	0.566	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 19:09	ALD
7440-23-5	Sodium	235		mg/kg dry	11.3	11.3	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:09	ALD
7440-28-0	Thallium	ND		mg/kg dry	1.13	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:09	ALD
7440-62-2	Vanadium	16.3		mg/kg dry	1.13	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:09	ALD
7440-66-6	Zinc	611		mg/kg dry	1.13	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:09	ALD

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	0.934		mg/kg dry	0.0340	0.0340	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	09/01/2015 06:31	09/01/2015 10:05	KV

Total Solids

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SP - 3 (0-2)

York Sample ID: 15H0920-05

<u>York Project (SDG) No.</u> 15H0920	<u>Client Project ID</u> 925 Atlantic Ave Brooklyn NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> August 26, 2015 12:50 pm	<u>Date Received</u> 08/27/2015
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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	88.3		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	08/28/2015 09:45	08/31/2015 10:52	CLS

Sample Information

Client Sample ID: SP - 3 (12-14)

York Sample ID: 15H0920-06

<u>York Project (SDG) No.</u> 15H0920	<u>Client Project ID</u> 925 Atlantic Ave Brooklyn NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> August 26, 2015 1:15 pm	<u>Date Received</u> 08/27/2015
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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 20:29	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 20:29	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 20:29	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 20:29	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 20:29	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 20:29	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 20:29	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 20:29	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 20:29	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 20:29	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 20:29	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 20:29	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 20:29	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 20:29	BK



Sample Information

Client Sample ID: SP - 3 (12-14)

York Sample ID: 15H0920-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0920

925 Atlantic Ave Brooklyn NY

Soil

August 26, 2015 1:15 pm

08/27/2015

Volatile Organics, 8260 - Comprehensive

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
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 20:29	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 20:29	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 20:29	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 20:29	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 20:29	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	57	110	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 20:29	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 20:29	BK
591-78-6	2-Hexanone	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 20:29	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 20:29	BK
67-64-1	Acetone	9.6	SCAL- E, J	ug/kg dry	5.7	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 20:29	BK
107-02-8	Acrolein	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 20:29	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 20:29	BK
71-43-2	Benzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 20:29	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 20:29	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 20:29	BK
75-25-2	Bromoform	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 20:29	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 20:29	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 20:29	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 20:29	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 20:29	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 20:29	BK
67-66-3	Chloroform	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 20:29	BK



Sample Information

Client Sample ID: SP - 3 (12-14)

York Sample ID: 15H0920-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0920

925 Atlantic Ave Brooklyn NY

Soil

August 26, 2015 1:15 pm

08/27/2015

Volatile Organics, 8260 - Comprehensive

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 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 20:29	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 20:29	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 20:29	BK
110-82-7	Cyclohexane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 20:29	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 20:29	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 20:29	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 20:29	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 20:29	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 20:29	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 20:29	BK
79-20-9	Methyl acetate	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 20:29	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 20:29	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 20:29	BK
75-09-2	Methylene chloride	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 20:29	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 20:29	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 20:29	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	09/02/2015 08:28	09/02/2015 20:29	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	09/02/2015 08:28	09/02/2015 20:29	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 20:29	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 20:29	BK
100-42-5	Styrene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 20:29	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 20:29	BK



Sample Information

Client Sample ID: SP - 3 (12-14)

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08/27/2015

Volatile Organics, 8260 - Comprehensive

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
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 20:29	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 20:29	BK
108-88-3	Toluene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 20:29	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 20:29	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 20:29	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 20:29	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 20:29	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 20:29	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 20:29	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	124 %	77-125								
2037-26-5	Surrogate: Toluene-d8	111 %	85-120								
460-00-4	Surrogate: p-Bromofluorobenzene	88.1 %	76-130								

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	68.4	136	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 09:58	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	136	273	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 09:58	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	68.4	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 09:58	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	68.4	136	2	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 14:17	09/03/2015 09:58	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	68.4	136	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 09:58	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	68.4	136	2	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 14:17	09/03/2015 09:58	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	68.4	136	2	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 14:17	09/03/2015 09:58	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	136	273	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 09:58	KH



Sample Information

Client Sample ID: SP - 3 (12-14)

York Sample ID: 15H0920-06

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925 Atlantic Ave Brooklyn NY

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08/27/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	68.4	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 09:58	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	68.4	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 09:58	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	68.4	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 09:58	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	68.4	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 09:58	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	136	273	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 09:58	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	68.4	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 09:58	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	68.4	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 09:58	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	68.4	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 09:58	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	68.4	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 09:58	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	68.4	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 09:58	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	68.4	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 09:58	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	136	273	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 09:58	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	68.4	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 09:58	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	68.4	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 09:58	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	68.4	136	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 09:58	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	136	273	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 09:58	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	136	273	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 09:58	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	68.4	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 09:58	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	68.4	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 09:58	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	68.4	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 09:58	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	68.4	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 09:58	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	136	273	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 09:58	KH



Sample Information

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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		ug/kg dry	136	273	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 09:58	KH
83-32-9	Acenaphthene	ND		ug/kg dry	68.4	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 09:58	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	68.4	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 09:58	KH
98-86-2	Acetophenone	ND		ug/kg dry	68.4	136	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 09:58	KH
62-53-3	Aniline	ND		ug/kg dry	273	547	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 09:58	KH
120-12-7	Anthracene	ND		ug/kg dry	68.4	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 09:58	KH
1912-24-9	Atrazine	ND		ug/kg dry	68.4	136	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 09:58	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	68.4	136	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 09:58	KH
92-87-5	Benzidine	ND		ug/kg dry	273	547	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854	09/01/2015 14:17	09/03/2015 09:58	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	68.4	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 09:58	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	68.4	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 09:58	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	68.4	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 09:58	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	68.4	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 09:58	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	68.4	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 09:58	KH
65-85-0	Benzoic acid	ND		ug/kg dry	68.4	136	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 09:58	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	68.4	136	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 09:58	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	68.4	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 09:58	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	68.4	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 09:58	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	68.4	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 09:58	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	68.4	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 09:58	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	68.4	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 09:58	KH
105-60-2	Caprolactam	ND		ug/kg dry	136	273	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 09:58	KH



Sample Information

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925 Atlantic Ave Brooklyn NY

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08/27/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

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/kg dry	68.4	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 09:58	KH
218-01-9	Chrysene	ND		ug/kg dry	68.4	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 09:58	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	68.4	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 09:58	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	68.4	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 09:58	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	68.4	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 09:58	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	68.4	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 09:58	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	68.4	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 09:58	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	68.4	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 09:58	KH
206-44-0	Fluoranthene	91.6	J	ug/kg dry	68.4	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 09:58	KH
86-73-7	Fluorene	ND		ug/kg dry	68.4	136	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 09:58	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	68.4	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 09:58	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	68.4	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 09:58	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	68.4	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 09:58	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	68.4	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 09:58	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	68.4	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 09:58	KH
78-59-1	Isophorone	ND		ug/kg dry	68.4	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 09:58	KH
91-20-3	Naphthalene	ND		ug/kg dry	68.4	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 09:58	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	68.4	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 09:58	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	68.4	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 09:58	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	68.4	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 09:58	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	68.4	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 09:58	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	68.4	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 09:58	KH



Sample Information

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York Sample ID: 15H0920-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0920

925 Atlantic Ave Brooklyn NY

Soil

August 26, 2015 1:15 pm

08/27/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		ug/kg dry	68.4	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 09:58	KH
108-95-2	Phenol	ND		ug/kg dry	68.4	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 09:58	KH
129-00-0	Pyrene	76.4	J	ug/kg dry	68.4	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 09:58	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	59.3 %			10-95						
4165-62-2	Surrogate: Phenol-d5	59.4 %			10-107						
4165-60-0	Surrogate: Nitrobenzene-d5	58.0 %			10-95						
321-60-8	Surrogate: 2-Fluorobiphenyl	53.5 %			10-97						
118-79-6	Surrogate: 2,4,6-Tribromophenol	78.6 %			10-103						
1718-51-0	Surrogate: Terphenyl-d14	55.2 %			19-99						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:56	AMC
72-55-9	4,4'-DDE	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:56	AMC
50-29-3	4,4'-DDT	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:56	AMC
309-00-2	Aldrin	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:56	AMC
319-84-6	alpha-BHC	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:56	AMC
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:21	09/03/2015 02:56	AMC
319-85-7	beta-BHC	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:56	AMC
57-74-9	Chlordane, total	ND		ug/kg dry	72.0	72.0	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:56	AMC
319-86-8	delta-BHC	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:56	AMC
60-57-1	Dieldrin	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:56	AMC
959-98-8	Endosulfan I	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:56	AMC
33213-65-9	Endosulfan II	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:56	AMC



Sample Information

Client Sample ID: SP - 3 (12-14)

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925 Atlantic Ave Brooklyn NY

Soil

August 26, 2015 1:15 pm

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Pesticides, 8081 target 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
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:56	AMC
72-20-8	Endrin	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:56	AMC
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:56	AMC
53494-70-5	Endrin ketone	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:21	09/03/2015 02:56	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:56	AMC
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:21	09/03/2015 02:56	AMC
76-44-8	Heptachlor	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:56	AMC
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:56	AMC
72-43-5	Methoxychlor	ND		ug/kg dry	9.00	9.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:21	09/03/2015 02:56	AMC
8001-35-2	Toxaphene	ND		ug/kg dry	91.1	91.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:21	09/03/2015 02:56	AMC
	Surrogate Recoveries	Result				Acceptance Range					
877-09-8	Surrogate: Tetrachloro-m-xylene	79.8 %				30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	100 %				30-140					

Polychlorinated Biphenyls (PCB)

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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/01/2015 14:21	09/02/2015 17:53	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/01/2015 14:21	09/02/2015 17:53	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/01/2015 14:21	09/02/2015 17:53	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/01/2015 14:21	09/02/2015 17:53	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/01/2015 14:21	09/02/2015 17:53	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/01/2015 14:21	09/02/2015 17:53	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/01/2015 14:21	09/02/2015 17:53	AMC



Sample Information

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August 26, 2015 1:15 pm

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Polychlorinated Biphenyls (PCB)

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		mg/kg dry	0.0182	0.0182	1	EPA 8082A	09/01/2015 14:21	09/02/2015 17:53	AMC
Certifications:											
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	61.7 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	66.2 %			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	10000		mg/kg dry	5.45	5.45	1	EPA 6010C	08/28/2015 13:55	09/02/2015 19:17	ALD
Certifications: CTDOH,NELAC-NY10854,NJDEP											
7440-36-0	Antimony	ND		mg/kg dry	0.545	0.545	1	EPA 6010C	08/28/2015 13:55	09/02/2015 19:17	ALD
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-38-2	Arsenic	3.29		mg/kg dry	1.09	1.09	1	EPA 6010C	08/28/2015 13:55	09/02/2015 19:17	ALD
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-39-3	Barium	50.6		mg/kg dry	1.09	1.09	1	EPA 6010C	08/28/2015 13:55	09/02/2015 19:17	ALD
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-41-7	Beryllium	ND		mg/kg dry	0.109	0.109	1	EPA 6010C	08/28/2015 13:55	09/02/2015 19:17	ALD
Certifications: CTDOH,NELAC-NY10854,NJDEP											
7440-43-9	Cadmium	ND		mg/kg dry	0.327	0.327	1	EPA 6010C	08/28/2015 13:55	09/02/2015 19:17	ALD
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-70-2	Calcium	1160		mg/kg dry	0.545	5.45	1	EPA 6010C	08/28/2015 13:55	09/02/2015 19:17	ALD
Certifications: CTDOH,NELAC-NY10854,NJDEP											
7440-47-3	Chromium	17.3		mg/kg dry	0.545	0.545	1	EPA 6010C	08/28/2015 13:55	09/02/2015 19:17	ALD
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-48-4	Cobalt	6.83		mg/kg dry	0.545	0.545	1	EPA 6010C	08/28/2015 13:55	09/02/2015 19:17	ALD
Certifications: CTDOH,NELAC-NY10854,NJDEP											
7440-50-8	Copper	51.8		mg/kg dry	0.545	0.545	1	EPA 6010C	08/28/2015 13:55	09/02/2015 19:17	ALD
Certifications: CTDOH,NELAC-NY10854,NJDEP											
7439-89-6	Iron	19000		mg/kg dry	2.18	2.18	1	EPA 6010C	08/28/2015 13:55	09/02/2015 19:17	ALD
Certifications: CTDOH,NELAC-NY10854,NJDEP											
7439-92-1	Lead	41.2		mg/kg dry	0.327	0.327	1	EPA 6010C	08/28/2015 13:55	09/02/2015 19:17	ALD
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7439-95-4	Magnesium	2170		mg/kg dry	5.45	5.45	1	EPA 6010C	08/28/2015 13:55	09/02/2015 19:17	ALD
Certifications: CTDOH,NELAC-NY10854,NJDEP											
7439-96-5	Manganese	241		mg/kg dry	0.545	0.545	1	EPA 6010C	08/28/2015 13:55	09/02/2015 19:17	ALD
Certifications: CTDOH,NELAC-NY10854,NJDEP											
7440-02-0	Nickel	14.3		mg/kg dry	0.545	0.545	1	EPA 6010C	08/28/2015 13:55	09/02/2015 19:17	ALD
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-09-7	Potassium	753		mg/kg dry	5.45	5.45	1	EPA 6010C	08/28/2015 13:55	09/02/2015 19:17	ALD
Certifications: CTDOH,NELAC-NY10854,NJDEP											
7782-49-2	Selenium	ND		mg/kg dry	1.09	1.09	1	EPA 6010C	08/28/2015 13:55	09/02/2015 19:17	ALD
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											



Sample Information

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Soil

August 26, 2015 1:15 pm

08/27/2015

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	ND		mg/kg dry	0.545	0.545	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 19:17	ALD
7440-23-5	Sodium	171		mg/kg dry	10.9	10.9	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:17	ALD
7440-28-0	Thallium	ND		mg/kg dry	1.09	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:17	ALD
7440-62-2	Vanadium	22.4		mg/kg dry	1.09	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:17	ALD
7440-66-6	Zinc	48.1		mg/kg dry	1.09	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:17	ALD

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	0.298		mg/kg dry	0.0327	0.0327	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	09/01/2015 06:32	09/01/2015 13:53	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	91.7		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	08/28/2015 09:45	08/31/2015 10:52	CLS

Sample Information

Client Sample ID: SP - 4 (0-2)

York Sample ID: 15H0920-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0920

925 Atlantic Ave Brooklyn NY

Soil

August 26, 2015 1:35 pm

08/27/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:10	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 21:10	BK



Sample Information

Client Sample ID: SP - 4 (0-2)

York Sample ID: 15H0920-07

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925 Atlantic Ave Brooklyn NY

Soil

August 26, 2015 1:35 pm

08/27/2015

Volatile Organics, 8260 - Comprehensive

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
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 21:10	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:10	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 21:10	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 21:10	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 21:10	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:10	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:10	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:10	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:10	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:10	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:10	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 21:10	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 21:10	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:10	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:10	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 21:10	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 21:10	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	45	91	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:10	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:10	BK
591-78-6	2-Hexanone	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:10	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:10	BK
67-64-1	Acetone	11	SCAL-E	ug/kg dry	4.5	9.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:10	BK



Sample Information

Client Sample ID: SP - 4 (0-2)

York Sample ID: 15H0920-07

York Project (SDG) No.

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925 Atlantic Ave Brooklyn NY

Soil

August 26, 2015 1:35 pm

08/27/2015

Volatile Organics, 8260 - Comprehensive

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
107-02-8	Acrolein	ND		ug/kg dry	4.5	9.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:10	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:10	BK
71-43-2	Benzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 21:10	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:10	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 21:10	BK
75-25-2	Bromoform	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 21:10	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 21:10	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:10	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 21:10	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 21:10	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 21:10	BK
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 21:10	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 21:10	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:10	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 21:10	BK
110-82-7	Cyclohexane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:10	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 21:10	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:10	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:10	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 21:10	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:10	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:10	BK



Sample Information

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925 Atlantic Ave Brooklyn NY

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Volatile Organics, 8260 - Comprehensive

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
79-20-9	Methyl acetate	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:10	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:10	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:10	BK
75-09-2	Methylene chloride	ND		ug/kg dry	4.5	9.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 21:10	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:10	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:10	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	09/02/2015 08:28	09/02/2015 21:10	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.5	9.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	09/02/2015 08:28	09/02/2015 21:10	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:10	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:10	BK
100-42-5	Styrene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:10	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	4.5	9.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:10	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:10	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 21:10	BK
108-88-3	Toluene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 21:10	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:10	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 21:10	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 21:10	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 21:10	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 21:10	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.8	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 21:10	BK

Surrogate Recoveries

Result

Acceptance Range

17060-07-0 Surrogate: 1,2-Dichloroethane-d4

124 %

77-125



Sample Information

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925 Atlantic Ave Brooklyn NY

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Volatile Organics, 8260 - Comprehensive

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
2037-26-5	Surrogate: Toluene-d8	112 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	91.9 %			76-130						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	75.3	150	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 13:11	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	150	300	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 13:11	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	75.3	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:11	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	75.3	150	2	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 14:17	09/03/2015 13:11	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	75.3	150	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 13:11	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	75.3	150	2	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 14:17	09/03/2015 13:11	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	75.3	150	2	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 14:17	09/03/2015 13:11	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	150	300	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 13:11	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	75.3	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 13:11	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	75.3	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:11	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	75.3	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:11	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	75.3	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:11	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	150	300	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:11	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	75.3	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:11	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	75.3	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:11	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	75.3	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:11	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	75.3	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:11	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	75.3	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 13:11	KH



Sample Information

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925 Atlantic Ave Brooklyn NY

Soil

August 26, 2015 1:35 pm

08/27/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/kg dry	75.3	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:11	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	150	300	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:11	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	75.3	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:11	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	75.3	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 13:11	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	75.3	150	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:11	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	150	300	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:11	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	150	300	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 13:11	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	75.3	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:11	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	75.3	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:11	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	75.3	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:11	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	75.3	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:11	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	150	300	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:11	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	150	300	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:11	KH
83-32-9	Acenaphthene	310		ug/kg dry	75.3	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:11	KH
208-96-8	Acenaphthylene	93.7	J	ug/kg dry	75.3	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:11	KH
98-86-2	Acetophenone	ND		ug/kg dry	75.3	150	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 13:11	KH
62-53-3	Aniline	ND		ug/kg dry	301	602	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:11	KH
120-12-7	Anthracene	448		ug/kg dry	75.3	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:11	KH
1912-24-9	Atrazine	ND		ug/kg dry	75.3	150	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 13:11	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	75.3	150	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 13:11	KH
92-87-5	Benzidine	ND		ug/kg dry	301	602	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854	09/01/2015 14:17	09/03/2015 13:11	KH
56-55-3	Benzo(a)anthracene	1670		ug/kg dry	75.3	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:11	KH



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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	Benzo(a)pyrene	807		ug/kg dry	75.3	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:11	KH
205-99-2	Benzo(b)fluoranthene	945		ug/kg dry	75.3	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:11	KH
191-24-2	Benzo(g,h,i)perylene	175		ug/kg dry	75.3	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:11	KH
207-08-9	Benzo(k)fluoranthene	795		ug/kg dry	75.3	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:11	KH
65-85-0	Benzoic acid	ND		ug/kg dry	75.3	150	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 13:11	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	75.3	150	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:11	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	75.3	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:11	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	75.3	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:11	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	75.3	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:11	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	75.3	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:11	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	75.3	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:11	KH
105-60-2	Caprolactam	ND		ug/kg dry	150	300	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 13:11	KH
86-74-8	Carbazole	257		ug/kg dry	75.3	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:11	KH
218-01-9	Chrysene	1740		ug/kg dry	75.3	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:11	KH
53-70-3	Dibenzo(a,h)anthracene	133	J	ug/kg dry	75.3	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:11	KH
132-64-9	Dibenzofuran	155		ug/kg dry	75.3	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 13:11	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	75.3	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:11	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	75.3	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:11	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	75.3	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:11	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	75.3	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:11	KH
206-44-0	Fluoranthene	2940		ug/kg dry	75.3	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:11	KH
86-73-7	Fluorene	262		ug/kg dry	75.3	150	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:11	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	75.3	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:11	KH



Sample Information

Client Sample ID: SP - 4 (0-2)

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925 Atlantic Ave Brooklyn NY

Soil

August 26, 2015 1:35 pm

08/27/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	75.3	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:11	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	75.3	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:11	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	75.3	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:11	KH
193-39-5	Indeno(1,2,3-cd)pyrene	215		ug/kg dry	75.3	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:11	KH
78-59-1	Isophorone	ND		ug/kg dry	75.3	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:11	KH
91-20-3	Naphthalene	195		ug/kg dry	75.3	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 13:11	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	75.3	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:11	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	75.3	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 13:11	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	75.3	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:11	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	75.3	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 13:11	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	75.3	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:11	KH
85-01-8	Phenanthrene	2750		ug/kg dry	75.3	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:11	KH
108-95-2	Phenol	ND		ug/kg dry	75.3	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:11	KH
129-00-0	Pyrene	2970		ug/kg dry	75.3	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 13:11	KH
	Surrogate Recoveries	Result									
367-12-4	Surrogate: 2-Fluorophenol	46.0 %									
4165-62-2	Surrogate: Phenol-d5	49.1 %									
4165-60-0	Surrogate: Nitrobenzene-d5	44.9 %									
321-60-8	Surrogate: 2-Fluorobiphenyl	43.4 %									
118-79-6	Surrogate: 2,4,6-Tribromophenol	61.3 %									
1718-51-0	Surrogate: Terphenyl-d14	50.5 %									
											Acceptance Range
											10-95
											10-107
											10-95
											10-97
											10-103
											19-99

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 14:32	AMC



Sample Information

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Pesticides, 8081 target 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
72-55-9	4,4'-DDE	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 14:32	AMC
50-29-3	4,4'-DDT	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 14:32	AMC
309-00-2	Aldrin	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 14:32	AMC
319-84-6	alpha-BHC	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 14:32	AMC
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:25	09/03/2015 14:32	AMC
319-85-7	beta-BHC	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 14:32	AMC
57-74-9	Chlordane, total	ND		ug/kg dry	79.3	79.3	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 14:32	AMC
319-86-8	delta-BHC	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 14:32	AMC
60-57-1	Dieldrin	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 14:32	AMC
959-98-8	Endosulfan I	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 14:32	AMC
33213-65-9	Endosulfan II	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 14:32	AMC
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 14:32	AMC
72-20-8	Endrin	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 14:32	AMC
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 14:32	AMC
53494-70-5	Endrin ketone	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:25	09/03/2015 14:32	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 14:32	AMC
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:25	09/03/2015 14:32	AMC
76-44-8	Heptachlor	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 14:32	AMC
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 14:32	AMC
72-43-5	Methoxychlor	ND		ug/kg dry	9.91	9.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 14:32	AMC
8001-35-2	Toxaphene	ND		ug/kg dry	100	100	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:25	09/03/2015 14:32	AMC

Surrogate Recoveries

Result

Acceptance Range

877-09-8 Surrogate: Tetrachloro-m-xylene

39.6 %

30-140



Sample Information

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925 Atlantic Ave Brooklyn NY

Soil

August 26, 2015 1:35 pm

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Pesticides, 8081 target 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
2051-24-3	Surrogate: Decachlorobiphenyl	86.5 %				30-140					

Polychlorinated Biphenyls (PCB)

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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0200	0.0200	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/01/2015 14:25	09/02/2015 18:12	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0200	0.0200	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/01/2015 14:25	09/02/2015 18:12	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0200	0.0200	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/01/2015 14:25	09/02/2015 18:12	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0200	0.0200	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/01/2015 14:25	09/02/2015 18:12	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0200	0.0200	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/01/2015 14:25	09/02/2015 18:12	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0200	0.0200	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/01/2015 14:25	09/02/2015 18:12	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0200	0.0200	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/01/2015 14:25	09/02/2015 18:12	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0200	0.0200	1	EPA 8082A Certifications:	09/01/2015 14:25	09/02/2015 18:12	AMC

Surrogate Recoveries

Result

Acceptance Range

877-09-8	Surrogate: Tetrachloro-m-xylene	47.8 %				30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	82.6 %				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	12500		mg/kg dry	6.00	6.00	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:21	ALD
7440-36-0	Antimony	ND		mg/kg dry	0.600	0.600	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 19:21	ALD
7440-38-2	Arsenic	6.52		mg/kg dry	1.20	1.20	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 19:21	ALD
7440-39-3	Barium	104		mg/kg dry	1.20	1.20	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 19:21	ALD
7440-41-7	Beryllium	ND		mg/kg dry	0.120	0.120	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:21	ALD
7440-43-9	Cadmium	ND		mg/kg dry	0.360	0.360	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 19:21	ALD



Sample Information

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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
7440-70-2	Calcium	2130		mg/kg dry	0.600	6.00	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:21	ALD
7440-47-3	Chromium	30.2		mg/kg dry	0.600	0.600	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 19:21	ALD
7440-48-4	Cobalt	9.70		mg/kg dry	0.600	0.600	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:21	ALD
7440-50-8	Copper	31.0		mg/kg dry	0.600	0.600	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:21	ALD
7439-89-6	Iron	24600		mg/kg dry	2.40	2.40	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:21	ALD
7439-92-1	Lead	132		mg/kg dry	0.360	0.360	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 19:21	ALD
7439-95-4	Magnesium	3660		mg/kg dry	6.00	6.00	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:21	ALD
7439-96-5	Manganese	387		mg/kg dry	0.600	0.600	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:21	ALD
7440-02-0	Nickel	18.5		mg/kg dry	0.600	0.600	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 19:21	ALD
7440-09-7	Potassium	1560		mg/kg dry	6.00	6.00	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:21	ALD
7782-49-2	Selenium	ND		mg/kg dry	1.20	1.20	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 19:21	ALD
7440-22-4	Silver	ND		mg/kg dry	0.600	0.600	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 19:21	ALD
7440-23-5	Sodium	161		mg/kg dry	12.0	12.0	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:21	ALD
7440-28-0	Thallium	ND		mg/kg dry	1.20	1.20	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:21	ALD
7440-62-2	Vanadium	36.8		mg/kg dry	1.20	1.20	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:21	ALD
7440-66-6	Zinc	106		mg/kg dry	1.20	1.20	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:21	ALD

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	0.132		mg/kg dry	0.0360	0.0360	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	09/01/2015 06:32	09/01/2015 15:04	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
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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	83.3		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	08/28/2015 09:45	08/31/2015 10:52	CLS

Sample Information

Client Sample ID: SP - 4 (12-14)

York Sample ID: 15H0920-08

York Project (SDG) No.

Client Project ID

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925 Atlantic Ave Brooklyn NY

Soil

August 26, 2015 1:55 pm

08/27/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:53	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 21:53	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 21:53	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:53	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 21:53	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 21:53	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 21:53	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:53	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:53	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:53	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:53	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:53	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:53	BK



Sample Information

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Volatile Organics, 8260 - Comprehensive

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
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 21:53	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 21:53	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:53	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:53	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 21:53	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 21:53	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	58	120	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:53	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:53	BK
591-78-6	2-Hexanone	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:53	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:53	BK
67-64-1	Acetone	12	SCAL- E	ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:53	BK
107-02-8	Acrolein	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:53	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:53	BK
71-43-2	Benzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 21:53	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:53	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 21:53	BK
75-25-2	Bromoform	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 21:53	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 21:53	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:53	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 21:53	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 21:53	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 21:53	BK



Sample Information

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Volatile Organics, 8260 - Comprehensive

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
67-66-3	Chloroform	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 21:53	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 21:53	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:53	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 21:53	BK
110-82-7	Cyclohexane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:53	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 21:53	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:53	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:53	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 21:53	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:53	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:53	BK
79-20-9	Methyl acetate	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:53	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:53	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:53	BK
75-09-2	Methylene chloride	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 21:53	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:53	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:53	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	09/02/2015 08:28	09/02/2015 21:53	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	09/02/2015 08:28	09/02/2015 21:53	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:53	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:53	BK
100-42-5	Styrene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:53	BK



Sample Information

Client Sample ID: SP - 4 (12-14)

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Volatile Organics, 8260 - Comprehensive

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
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:53	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:53	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 21:53	BK
108-88-3	Toluene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 21:53	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 21:53	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 21:53	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 21:53	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 21:53	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 21:53	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.6	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 21:53	BK
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	124 %			77-125						
2037-26-5	Surrogate: Toluene-d8	110 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	92.0 %			76-130						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	67.6	135	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 10:30	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	135	269	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 10:30	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	67.6	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 10:30	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	67.6	135	2	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 14:17	09/03/2015 10:30	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	67.6	135	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 10:30	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	67.6	135	2	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 14:17	09/03/2015 10:30	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	67.6	135	2	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 14:17	09/03/2015 10:30	KH



Sample Information

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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	135	269	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 10:30	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	67.6	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 10:30	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	67.6	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 10:30	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	67.6	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 10:30	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	67.6	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 10:30	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	135	269	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 10:30	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	67.6	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 10:30	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	67.6	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 10:30	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	67.6	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 10:30	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	67.6	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 10:30	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	67.6	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 10:30	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	67.6	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 10:30	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	135	269	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 10:30	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	67.6	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 10:30	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	67.6	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 10:30	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	67.6	135	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 10:30	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	135	269	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 10:30	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	135	269	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 10:30	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	67.6	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 10:30	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	67.6	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 10:30	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	67.6	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 10:30	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	67.6	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 10:30	KH



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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		ug/kg dry	135	269	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 10:30	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	135	269	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 10:30	KH
83-32-9	Acenaphthene	ND		ug/kg dry	67.6	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 10:30	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	67.6	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 10:30	KH
98-86-2	Acetophenone	ND		ug/kg dry	67.6	135	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 10:30	KH
62-53-3	Aniline	ND		ug/kg dry	270	540	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 10:30	KH
120-12-7	Anthracene	ND		ug/kg dry	67.6	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 10:30	KH
1912-24-9	Atrazine	ND		ug/kg dry	67.6	135	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 10:30	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	67.6	135	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 10:30	KH
92-87-5	Benzidine	ND		ug/kg dry	270	540	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854	09/01/2015 14:17	09/03/2015 10:30	KH
56-55-3	Benzo(a)anthracene	86.3	J	ug/kg dry	67.6	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 10:30	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	67.6	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 10:30	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	67.6	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 10:30	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	67.6	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 10:30	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	67.6	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 10:30	KH
65-85-0	Benzoic acid	ND		ug/kg dry	67.6	135	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 10:30	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	67.6	135	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 10:30	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	67.6	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 10:30	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	67.6	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 10:30	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	67.6	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 10:30	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	67.6	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 10:30	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	67.6	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 10:30	KH



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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

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	135	269	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 10:30	KH
86-74-8	Carbazole	ND		ug/kg dry	67.6	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 10:30	KH
218-01-9	Chrysene	88.4	J	ug/kg dry	67.6	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 10:30	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	67.6	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 10:30	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	67.6	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 10:30	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	67.6	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 10:30	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	67.6	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 10:30	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	67.6	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 10:30	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	67.6	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 10:30	KH
206-44-0	Fluoranthene	181		ug/kg dry	67.6	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 10:30	KH
86-73-7	Fluorene	ND		ug/kg dry	67.6	135	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 10:30	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	67.6	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 10:30	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	67.6	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 10:30	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	67.6	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 10:30	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	67.6	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 10:30	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	67.6	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 10:30	KH
78-59-1	Isophorone	ND		ug/kg dry	67.6	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 10:30	KH
91-20-3	Naphthalene	ND		ug/kg dry	67.6	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 10:30	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	67.6	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 10:30	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	67.6	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 10:30	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	67.6	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 10:30	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	67.6	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 10:30	KH



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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		ug/kg dry	67.6	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 10:30	KH
85-01-8	Phenanthrene	179		ug/kg dry	67.6	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 10:30	KH
108-95-2	Phenol	ND		ug/kg dry	67.6	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 10:30	KH
129-00-0	Pyrene	141		ug/kg dry	67.6	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 10:30	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	46.9 %			10-95						
4165-62-2	Surrogate: Phenol-d5	49.2 %			10-107						
4165-60-0	Surrogate: Nitrobenzene-d5	45.9 %			10-95						
321-60-8	Surrogate: 2-Fluorobiphenyl	44.2 %			10-97						
118-79-6	Surrogate: 2,4,6-Tribromophenol	60.1 %			10-103						
1718-51-0	Surrogate: Terphenyl-d14	46.4 %			19-99						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.78	1.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 03:11	AMC
72-55-9	4,4'-DDE	ND		ug/kg dry	1.78	1.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 03:11	AMC
50-29-3	4,4'-DDT	ND		ug/kg dry	1.78	1.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 03:11	AMC
309-00-2	Aldrin	ND		ug/kg dry	1.78	1.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 03:11	AMC
319-84-6	alpha-BHC	ND		ug/kg dry	1.78	1.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 03:11	AMC
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.78	1.78	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:25	09/03/2015 03:11	AMC
319-85-7	beta-BHC	ND		ug/kg dry	1.78	1.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 03:11	AMC
57-74-9	Chlordane, total	ND		ug/kg dry	71.2	71.2	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 03:11	AMC
319-86-8	delta-BHC	ND		ug/kg dry	1.78	1.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 03:11	AMC
60-57-1	Dieldrin	ND		ug/kg dry	1.78	1.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 03:11	AMC
959-98-8	Endosulfan I	ND		ug/kg dry	1.78	1.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 03:11	AMC



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Pesticides, 8081 target 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
33213-65-9	Endosulfan II	ND		ug/kg dry	1.78	1.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 03:11	AMC
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.78	1.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 03:11	AMC
72-20-8	Endrin	ND		ug/kg dry	1.78	1.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 03:11	AMC
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.78	1.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 03:11	AMC
53494-70-5	Endrin ketone	ND		ug/kg dry	1.78	1.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:25	09/03/2015 03:11	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.78	1.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 03:11	AMC
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.78	1.78	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:25	09/03/2015 03:11	AMC
76-44-8	Heptachlor	ND		ug/kg dry	1.78	1.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 03:11	AMC
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.78	1.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 03:11	AMC
72-43-5	Methoxychlor	ND		ug/kg dry	8.90	8.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 03:11	AMC
8001-35-2	Toxaphene	ND		ug/kg dry	90.0	90.0	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:25	09/03/2015 03:11	AMC
	Surrogate Recoveries	Result				Acceptance Range					
877-09-8	Surrogate: Tetrachloro-m-xylene	83.2 %				30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	97.0 %				30-140					

Polychlorinated Biphenyls (PCB)

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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0180	0.0180	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/01/2015 14:25	09/02/2015 18:31	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0180	0.0180	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/01/2015 14:25	09/02/2015 18:31	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0180	0.0180	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/01/2015 14:25	09/02/2015 18:31	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0180	0.0180	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/01/2015 14:25	09/02/2015 18:31	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0180	0.0180	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/01/2015 14:25	09/02/2015 18:31	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0180	0.0180	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/01/2015 14:25	09/02/2015 18:31	AMC



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Polychlorinated Biphenyls (PCB)

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
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0180	0.0180	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/01/2015 14:25	09/02/2015 18:31	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0180	0.0180	1	EPA 8082A Certifications:	09/01/2015 14:25	09/02/2015 18:31	AMC
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	68.2 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	63.3 %			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	8260		mg/kg dry	5.39	5.39	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:26	ALD
7440-36-0	Antimony	ND		mg/kg dry	0.539	0.539	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 19:26	ALD
7440-38-2	Arsenic	3.34		mg/kg dry	1.08	1.08	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 19:26	ALD
7440-39-3	Barium	75.9		mg/kg dry	1.08	1.08	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 19:26	ALD
7440-41-7	Beryllium	ND		mg/kg dry	0.108	0.108	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:26	ALD
7440-43-9	Cadmium	ND		mg/kg dry	0.324	0.324	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 19:26	ALD
7440-70-2	Calcium	1920		mg/kg dry	0.539	5.39	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:26	ALD
7440-47-3	Chromium	16.9		mg/kg dry	0.539	0.539	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 19:26	ALD
7440-48-4	Cobalt	7.50		mg/kg dry	0.539	0.539	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:26	ALD
7440-50-8	Copper	24.4		mg/kg dry	0.539	0.539	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:26	ALD
7439-89-6	Iron	17500		mg/kg dry	2.16	2.16	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:26	ALD
7439-92-1	Lead	134		mg/kg dry	0.324	0.324	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 19:26	ALD
7439-95-4	Magnesium	2740		mg/kg dry	5.39	5.39	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:26	ALD
7439-96-5	Manganese	363		mg/kg dry	0.539	0.539	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:26	ALD
7440-02-0	Nickel	18.3		mg/kg dry	0.539	0.539	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 19:26	ALD
7440-09-7	Potassium	1270		mg/kg dry	5.39	5.39	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:26	ALD



Sample Information

Client Sample ID: SP - 4 (12-14)

York Sample ID: 15H0920-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0920

925 Atlantic Ave Brooklyn NY

Soil

August 26, 2015 1:55 pm

08/27/2015

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
7782-49-2	Selenium	ND		mg/kg dry	1.08	1.08	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 19:26	ALD
7440-22-4	Silver	ND		mg/kg dry	0.539	0.539	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 19:26	ALD
7440-23-5	Sodium	138		mg/kg dry	10.8	10.8	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:26	ALD
7440-28-0	Thallium	ND		mg/kg dry	1.08	1.08	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:26	ALD
7440-62-2	Vanadium	23.4		mg/kg dry	1.08	1.08	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:26	ALD
7440-66-6	Zinc	57.7		mg/kg dry	1.08	1.08	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:26	ALD

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	0.390		mg/kg dry	0.0324	0.0324	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	09/01/2015 06:32	09/01/2015 15:13	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	92.7		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	08/28/2015 09:45	08/31/2015 10:52	CLS

Sample Information

Client Sample ID: HA - 1 (6-8)

York Sample ID: 15H0920-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0920

925 Atlantic Ave Brooklyn NY

Soil

August 26, 2015 10:38 am

08/27/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	1.6	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 22:35	BK



Sample Information

Client Sample ID: HA - 1 (6-8)

York Sample ID: 15H0920-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0920

925 Atlantic Ave Brooklyn NY

Soil

August 26, 2015 10:38 am

08/27/2015

Volatile Organics, 8260 - Comprehensive

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
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.6	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 22:35	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.6	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 22:35	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.6	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 22:35	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.6	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 22:35	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.6	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 22:35	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.6	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 22:35	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.6	3.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 22:35	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	1.6	3.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 22:35	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.6	3.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 22:35	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.6	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 22:35	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.6	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 22:35	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.6	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 22:35	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.6	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 22:35	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.6	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 22:35	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.6	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 22:35	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.6	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 22:35	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.6	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 22:35	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.6	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 22:35	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	33	65	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 22:35	BK
78-93-3	2-Butanone	ND		ug/kg dry	1.6	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 22:35	BK
591-78-6	2-Hexanone	ND		ug/kg dry	1.6	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 22:35	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	1.6	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 22:35	BK



Sample Information

Client Sample ID: HA - 1 (6-8)

York Sample ID: 15H0920-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0920

925 Atlantic Ave Brooklyn NY

Soil

August 26, 2015 10:38 am

08/27/2015

Volatile Organics, 8260 - Comprehensive

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	7.2	SCAL-E	ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 22:35	BK
107-02-8	Acrolein	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 22:35	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	1.6	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 22:35	BK
71-43-2	Benzene	ND		ug/kg dry	1.6	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 22:35	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	1.6	3.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 22:35	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.6	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 22:35	BK
75-25-2	Bromoform	ND		ug/kg dry	1.6	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 22:35	BK
74-83-9	Bromomethane	ND		ug/kg dry	1.6	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 22:35	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	1.6	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 22:35	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.6	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 22:35	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	1.6	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 22:35	BK
75-00-3	Chloroethane	ND		ug/kg dry	1.6	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 22:35	BK
67-66-3	Chloroform	ND		ug/kg dry	1.6	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 22:35	BK
74-87-3	Chloromethane	ND		ug/kg dry	1.6	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 22:35	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.6	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 22:35	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.6	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 22:35	BK
110-82-7	Cyclohexane	ND		ug/kg dry	1.6	3.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 22:35	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.6	3.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 22:35	BK
74-95-3	Dibromomethane	ND		ug/kg dry	1.6	3.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 22:35	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.6	3.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 22:35	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.6	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 22:35	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.6	3.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 22:35	BK



Sample Information

Client Sample ID: HA - 1 (6-8)

York Sample ID: 15H0920-09

York Project (SDG) No.

Client Project ID

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Collection Date/Time

Date Received

15H0920

925 Atlantic Ave Brooklyn NY

Soil

August 26, 2015 10:38 am

08/27/2015

Volatile Organics, 8260 - Comprehensive

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
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.6	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 22:35	BK
79-20-9	Methyl acetate	ND		ug/kg dry	1.6	3.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 22:35	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.6	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 22:35	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	1.6	3.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 22:35	BK
75-09-2	Methylene chloride	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 22:35	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	1.6	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 22:35	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.6	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 22:35	BK
95-47-6	o-Xylene	ND		ug/kg dry	1.6	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	09/02/2015 08:28	09/02/2015 22:35	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	09/02/2015 08:28	09/02/2015 22:35	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	1.6	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 22:35	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.6	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 22:35	BK
100-42-5	Styrene	ND		ug/kg dry	1.6	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 22:35	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 22:35	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.6	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 22:35	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.6	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 22:35	BK
108-88-3	Toluene	ND		ug/kg dry	1.6	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 22:35	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.6	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 22:35	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.6	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 22:35	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	1.6	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 22:35	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.6	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 22:35	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.6	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 22:35	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	4.9	9.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 22:35	BK



Sample Information

Client Sample ID: HA - 1 (6-8)

York Sample ID: 15H0920-09

York Project (SDG) No.

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925 Atlantic Ave Brooklyn NY

Soil

August 26, 2015 10:38 am

08/27/2015

Volatile Organics, 8260 - Comprehensive

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
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	121 %			77-125						
2037-26-5	Surrogate: Toluene-d8	114 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	92.1 %			76-130						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	68.3	136	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 11:02	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	136	272	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 11:02	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	68.3	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:02	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	68.3	136	2	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 14:17	09/03/2015 11:02	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	68.3	136	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 11:02	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	68.3	136	2	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 14:17	09/03/2015 11:02	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	68.3	136	2	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 14:17	09/03/2015 11:02	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	136	272	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 11:02	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	68.3	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 11:02	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	68.3	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:02	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	68.3	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:02	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	68.3	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:02	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	136	272	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:02	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	68.3	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:02	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	68.3	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:02	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	68.3	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:02	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	68.3	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:02	KH



Sample Information

Client Sample ID: HA - 1 (6-8)

York Sample ID: 15H0920-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0920

925 Atlantic Ave Brooklyn NY

Soil

August 26, 2015 10:38 am

08/27/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	68.3	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 11:02	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	68.3	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:02	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	136	272	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:02	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	68.3	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:02	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	68.3	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 11:02	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	68.3	136	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:02	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	136	272	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:02	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	136	272	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 11:02	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	68.3	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:02	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	68.3	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:02	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	68.3	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:02	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	68.3	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:02	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	136	272	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:02	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	136	272	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:02	KH
83-32-9	Acenaphthene	ND		ug/kg dry	68.3	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:02	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	68.3	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:02	KH
98-86-2	Acetophenone	ND		ug/kg dry	68.3	136	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 11:02	KH
62-53-3	Aniline	ND		ug/kg dry	273	546	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:02	KH
120-12-7	Anthracene	ND		ug/kg dry	68.3	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:02	KH
1912-24-9	Atrazine	ND		ug/kg dry	68.3	136	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 11:02	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	68.3	136	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 11:02	KH
92-87-5	Benzidine	ND		ug/kg dry	273	546	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854	09/01/2015 14:17	09/03/2015 11:02	KH



Sample Information

Client Sample ID: HA - 1 (6-8)

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925 Atlantic Ave Brooklyn NY

Soil

August 26, 2015 10:38 am

08/27/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-55-3	Benzo(a)anthracene	134	J	ug/kg dry	68.3	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:02	KH
50-32-8	Benzo(a)pyrene	87.2	J	ug/kg dry	68.3	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:02	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	68.3	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:02	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	68.3	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:02	KH
207-08-9	Benzo(k)fluoranthene	99.2	J	ug/kg dry	68.3	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:02	KH
65-85-0	Benzoic acid	ND		ug/kg dry	68.3	136	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 11:02	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	68.3	136	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:02	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	68.3	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:02	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	68.3	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:02	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	68.3	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:02	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	68.3	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:02	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	68.3	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:02	KH
105-60-2	Caprolactam	ND		ug/kg dry	136	272	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 11:02	KH
86-74-8	Carbazole	ND		ug/kg dry	68.3	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:02	KH
218-01-9	Chrysene	127	J	ug/kg dry	68.3	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:02	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	68.3	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:02	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	68.3	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 11:02	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	68.3	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:02	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	68.3	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:02	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	68.3	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:02	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	68.3	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:02	KH
206-44-0	Fluoranthene	227		ug/kg dry	68.3	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:02	KH



Sample Information

Client Sample ID: HA - 1 (6-8)

York Sample ID: 15H0920-09

York Project (SDG) No.

Client Project ID

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925 Atlantic Ave Brooklyn NY

Soil

August 26, 2015 10:38 am

08/27/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		ug/kg dry	68.3	136	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:02	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	68.3	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:02	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	68.3	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:02	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	68.3	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:02	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	68.3	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:02	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	68.3	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:02	KH
78-59-1	Isophorone	ND		ug/kg dry	68.3	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:02	KH
91-20-3	Naphthalene	ND		ug/kg dry	68.3	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 11:02	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	68.3	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:02	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	68.3	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 11:02	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	68.3	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:02	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	68.3	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 11:02	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	68.3	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:02	KH
85-01-8	Phenanthrene	151		ug/kg dry	68.3	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:02	KH
108-95-2	Phenol	ND		ug/kg dry	68.3	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:02	KH
129-00-0	Pyrene	216		ug/kg dry	68.3	136	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:02	KH

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: 2-Fluorophenol	52.2 %	10-95
4165-62-2	Surrogate: Phenol-d5	55.7 %	10-107
4165-60-0	Surrogate: Nitrobenzene-d5	51.8 %	10-95
321-60-8	Surrogate: 2-Fluorobiphenyl	49.5 %	10-97
118-79-6	Surrogate: 2,4,6-Tribromophenol	68.5 %	10-103
1718-51-0	Surrogate: Terphenyl-d14	52.0 %	19-99

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: HA - 1 (6-8)

York Sample ID: 15H0920-09

<u>York Project (SDG) No.</u> 15H0920	<u>Client Project ID</u> 925 Atlantic Ave Brooklyn NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> August 26, 2015 10:38 am	<u>Date Received</u> 08/27/2015
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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	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 03:26	AMC
72-55-9	4,4'-DDE	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 03:26	AMC
50-29-3	4,4'-DDT	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 03:26	AMC
309-00-2	Aldrin	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 03:26	AMC
319-84-6	alpha-BHC	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 03:26	AMC
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:25	09/03/2015 03:26	AMC
319-85-7	beta-BHC	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 03:26	AMC
57-74-9	Chlordane, total	ND		ug/kg dry	71.9	71.9	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 03:26	AMC
319-86-8	delta-BHC	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 03:26	AMC
60-57-1	Dieldrin	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 03:26	AMC
959-98-8	Endosulfan I	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 03:26	AMC
33213-65-9	Endosulfan II	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 03:26	AMC
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 03:26	AMC
72-20-8	Endrin	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 03:26	AMC
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 03:26	AMC
53494-70-5	Endrin ketone	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:25	09/03/2015 03:26	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 03:26	AMC
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:25	09/03/2015 03:26	AMC
76-44-8	Heptachlor	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 03:26	AMC
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 03:26	AMC
72-43-5	Methoxychlor	ND		ug/kg dry	8.99	8.99	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 03:26	AMC
8001-35-2	Toxaphene	ND		ug/kg dry	91.0	91.0	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:25	09/03/2015 03:26	AMC

Surrogate Recoveries

Result

Acceptance Range



Sample Information

Client Sample ID: HA - 1 (6-8)

York Sample ID: 15H0920-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0920

925 Atlantic Ave Brooklyn NY

Soil

August 26, 2015 10:38 am

08/27/2015

Pesticides, 8081 target 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
877-09-8	Surrogate: Tetrachloro-m-xylene	86.0 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	99.6 %			30-140						

Polychlorinated Biphenyls (PCB)

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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/01/2015 14:25	09/02/2015 18:51	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/01/2015 14:25	09/02/2015 18:51	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/01/2015 14:25	09/02/2015 18:51	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/01/2015 14:25	09/02/2015 18:51	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/01/2015 14:25	09/02/2015 18:51	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/01/2015 14:25	09/02/2015 18:51	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/01/2015 14:25	09/02/2015 18:51	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A Certifications:	09/01/2015 14:25	09/02/2015 18:51	AMC

Surrogate Recoveries

Result

Acceptance Range

877-09-8	Surrogate: Tetrachloro-m-xylene	63.7 %	30-140
2051-24-3	Surrogate: Decachlorobiphenyl	62.3 %	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	7220		mg/kg dry	5.45	5.45	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:31	ALD
7440-36-0	Antimony	ND		mg/kg dry	0.545	0.545	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 19:31	ALD
7440-38-2	Arsenic	2.63		mg/kg dry	1.09	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 19:31	ALD
7440-39-3	Barium	63.6		mg/kg dry	1.09	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 19:31	ALD
7440-41-7	Beryllium	ND		mg/kg dry	0.109	0.109	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:31	ALD
7440-43-9	Cadmium	ND		mg/kg dry	0.327	0.327	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 19:31	ALD



Sample Information

Client Sample ID: HA - 1 (6-8)

York Sample ID: 15H0920-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0920

925 Atlantic Ave Brooklyn NY

Soil

August 26, 2015 10:38 am

08/27/2015

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
7440-70-2	Calcium	3390		mg/kg dry	0.545	5.45	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:31	ALD
7440-47-3	Chromium	15.1		mg/kg dry	0.545	0.545	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 19:31	ALD
7440-48-4	Cobalt	5.94		mg/kg dry	0.545	0.545	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:31	ALD
7440-50-8	Copper	26.6		mg/kg dry	0.545	0.545	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:31	ALD
7439-89-6	Iron	18200		mg/kg dry	2.18	2.18	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:31	ALD
7439-92-1	Lead	102		mg/kg dry	0.327	0.327	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 19:31	ALD
7439-95-4	Magnesium	2430		mg/kg dry	5.45	5.45	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:31	ALD
7439-96-5	Manganese	225		mg/kg dry	0.545	0.545	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:31	ALD
7440-02-0	Nickel	21.7		mg/kg dry	0.545	0.545	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 19:31	ALD
7440-09-7	Potassium	1030		mg/kg dry	5.45	5.45	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:31	ALD
7782-49-2	Selenium	ND		mg/kg dry	1.09	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 19:31	ALD
7440-22-4	Silver	ND		mg/kg dry	0.545	0.545	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 19:31	ALD
7440-23-5	Sodium	191		mg/kg dry	10.9	10.9	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:31	ALD
7440-28-0	Thallium	ND		mg/kg dry	1.09	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:31	ALD
7440-62-2	Vanadium	23.5		mg/kg dry	1.09	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:31	ALD
7440-66-6	Zinc	70.0		mg/kg dry	1.09	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:31	ALD

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	0.502		mg/kg dry	0.0327	0.0327	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	09/01/2015 06:32	09/01/2015 15:22	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
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Sample Information

Client Sample ID: HA - 1 (6-8)

York Sample ID: 15H0920-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0920

925 Atlantic Ave Brooklyn NY

Soil

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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	91.8		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	08/28/2015 09:45	08/31/2015 10:52	CLS

Sample Information

Client Sample ID: HA - 1 (8-9)

York Sample ID: 15H0920-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0920

925 Atlantic Ave Brooklyn NY

Soil

August 26, 2015 10:53 am

08/27/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:16	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 23:16	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 23:16	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:16	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 23:16	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 23:16	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 23:16	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:16	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:16	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:16	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:16	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:16	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:16	BK



Sample Information

Client Sample ID: HA - 1 (8-9)

York Sample ID: 15H0920-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

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925 Atlantic Ave Brooklyn NY

Soil

August 26, 2015 10:53 am

08/27/2015

Volatile Organics, 8260 - Comprehensive

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
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 23:16	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 23:16	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:16	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:16	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 23:16	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 23:16	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	52	100	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:16	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:16	BK
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:16	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:16	BK
67-64-1	Acetone	7.3	SCAL- E, J	ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:16	BK
107-02-8	Acrolein	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:16	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:16	BK
71-43-2	Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 23:16	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:16	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 23:16	BK
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 23:16	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 23:16	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:16	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 23:16	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 23:16	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 23:16	BK



Sample Information

Client Sample ID: HA - 1 (8-9)

York Sample ID: 15H0920-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0920

925 Atlantic Ave Brooklyn NY

Soil

August 26, 2015 10:53 am

08/27/2015

Volatile Organics, 8260 - Comprehensive

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
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 23:16	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 23:16	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:16	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 23:16	BK
110-82-7	Cyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:16	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 23:16	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:16	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:16	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 23:16	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:16	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:16	BK
79-20-9	Methyl acetate	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:16	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:16	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:16	BK
75-09-2	Methylene chloride	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 23:16	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:16	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:16	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	09/02/2015 08:28	09/02/2015 23:16	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	09/02/2015 08:28	09/02/2015 23:16	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:16	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:16	BK
100-42-5	Styrene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:16	BK



Sample Information

Client Sample ID: HA - 1 (8-9)

York Sample ID: 15H0920-10

York Project (SDG) No.

Client Project ID

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925 Atlantic Ave Brooklyn NY

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08/27/2015

Volatile Organics, 8260 - Comprehensive

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
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:16	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:16	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 23:16	BK
108-88-3	Toluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 23:16	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:16	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 23:16	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 23:16	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 23:16	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 23:16	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.8	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 23:16	BK
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	117 %			77-125						
2037-26-5	Surrogate: Toluene-d8	116 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	90.6 %			76-130						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	67.4	135	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 11:34	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	135	269	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 11:34	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	67.4	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:34	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	67.4	135	2	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 14:17	09/03/2015 11:34	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	67.4	135	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 11:34	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	67.4	135	2	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 14:17	09/03/2015 11:34	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	67.4	135	2	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 14:17	09/03/2015 11:34	KH



Sample Information

Client Sample ID: HA - 1 (8-9)

York Sample ID: 15H0920-10

York Project (SDG) No.

Client Project ID

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925 Atlantic Ave Brooklyn NY

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08/27/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	135	269	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 11:34	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	67.4	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 11:34	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	67.4	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:34	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	67.4	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:34	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	67.4	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:34	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	135	269	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:34	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	67.4	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:34	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	67.4	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:34	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	67.4	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:34	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	67.4	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:34	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	67.4	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 11:34	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	67.4	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:34	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	135	269	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:34	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	67.4	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:34	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	67.4	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 11:34	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	67.4	135	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:34	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	135	269	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:34	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	135	269	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 11:34	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	67.4	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:34	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	67.4	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:34	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	67.4	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:34	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	67.4	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:34	KH



Sample Information

Client Sample ID: HA - 1 (8-9)

York Sample ID: 15H0920-10

York Project (SDG) No.

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925 Atlantic Ave Brooklyn NY

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08/27/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		ug/kg dry	135	269	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:34	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	135	269	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:34	KH
83-32-9	Acenaphthene	ND		ug/kg dry	67.4	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:34	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	67.4	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:34	KH
98-86-2	Acetophenone	ND		ug/kg dry	67.4	135	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 11:34	KH
62-53-3	Aniline	ND		ug/kg dry	269	539	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:34	KH
120-12-7	Anthracene	ND		ug/kg dry	67.4	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:34	KH
1912-24-9	Atrazine	ND		ug/kg dry	67.4	135	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 11:34	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	67.4	135	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 11:34	KH
92-87-5	Benzidine	ND		ug/kg dry	269	539	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854	09/01/2015 14:17	09/03/2015 11:34	KH
56-55-3	Benzo(a)anthracene	82.8	J	ug/kg dry	67.4	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:34	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	67.4	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:34	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	67.4	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:34	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	67.4	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:34	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	67.4	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:34	KH
65-85-0	Benzoic acid	ND		ug/kg dry	67.4	135	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 11:34	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	67.4	135	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:34	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	67.4	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:34	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	67.4	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:34	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	67.4	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:34	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	67.4	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:34	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	67.4	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:34	KH



Sample Information

Client Sample ID: HA - 1 (8-9)

York Sample ID: 15H0920-10

York Project (SDG) No.

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925 Atlantic Ave Brooklyn NY

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08/27/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

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	135	269	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 11:34	KH
86-74-8	Carbazole	ND		ug/kg dry	67.4	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:34	KH
218-01-9	Chrysene	92.5	J	ug/kg dry	67.4	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:34	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	67.4	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:34	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	67.4	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 11:34	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	67.4	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:34	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	67.4	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:34	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	67.4	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:34	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	67.4	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:34	KH
206-44-0	Fluoranthene	169		ug/kg dry	67.4	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:34	KH
86-73-7	Fluorene	ND		ug/kg dry	67.4	135	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:34	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	67.4	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:34	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	67.4	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:34	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	67.4	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:34	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	67.4	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:34	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	67.4	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:34	KH
78-59-1	Isophorone	ND		ug/kg dry	67.4	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:34	KH
91-20-3	Naphthalene	ND		ug/kg dry	67.4	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 11:34	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	67.4	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:34	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	67.4	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 11:34	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	67.4	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:34	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	67.4	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 11:34	KH



Sample Information

Client Sample ID: HA - 1 (8-9)

York Sample ID: 15H0920-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0920

925 Atlantic Ave Brooklyn NY

Soil

August 26, 2015 10:53 am

08/27/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		ug/kg dry	67.4	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:34	KH
85-01-8	Phenanthrene	154		ug/kg dry	67.4	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:34	KH
108-95-2	Phenol	ND		ug/kg dry	67.4	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:34	KH
129-00-0	Pyrene	136		ug/kg dry	67.4	135	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 11:34	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	56.6 %			10-95						
4165-62-2	Surrogate: Phenol-d5	60.7 %			10-107						
4165-60-0	Surrogate: Nitrobenzene-d5	53.1 %			10-95						
321-60-8	Surrogate: 2-Fluorobiphenyl	51.1 %			10-97						
118-79-6	Surrogate: 2,4,6-Tribromophenol	70.5 %			10-103						
1718-51-0	Surrogate: Terphenyl-d14	51.2 %			19-99						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 03:41	AMC
72-55-9	4,4'-DDE	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 03:41	AMC
50-29-3	4,4'-DDT	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 03:41	AMC
309-00-2	Aldrin	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 03:41	AMC
319-84-6	alpha-BHC	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 03:41	AMC
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:25	09/03/2015 03:41	AMC
319-85-7	beta-BHC	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 03:41	AMC
57-74-9	Chlordane, total	ND		ug/kg dry	71.0	71.0	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 03:41	AMC
319-86-8	delta-BHC	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 03:41	AMC
60-57-1	Dieldrin	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 03:41	AMC
959-98-8	Endosulfan I	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 03:41	AMC



Sample Information

Client Sample ID: HA - 1 (8-9)

York Sample ID: 15H0920-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0920

925 Atlantic Ave Brooklyn NY

Soil

August 26, 2015 10:53 am

08/27/2015

Pesticides, 8081 target 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
33213-65-9	Endosulfan II	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 03:41	AMC
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 03:41	AMC
72-20-8	Endrin	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 03:41	AMC
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 03:41	AMC
53494-70-5	Endrin ketone	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:25	09/03/2015 03:41	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 03:41	AMC
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:25	09/03/2015 03:41	AMC
76-44-8	Heptachlor	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 03:41	AMC
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 03:41	AMC
72-43-5	Methoxychlor	ND		ug/kg dry	8.87	8.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 03:41	AMC
8001-35-2	Toxaphene	ND		ug/kg dry	89.8	89.8	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:25	09/03/2015 03:41	AMC

Surrogate Recoveries

Result

Acceptance Range

877-09-8	Surrogate: Tetrachloro-m-xylene	80.0 %	30-140
2051-24-3	Surrogate: Decachlorobiphenyl	94.1 %	30-140

Polychlorinated Biphenyls (PCB)

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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0179	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/01/2015 14:25	09/02/2015 19:10	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0179	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/01/2015 14:25	09/02/2015 19:10	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0179	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/01/2015 14:25	09/02/2015 19:10	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0179	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/01/2015 14:25	09/02/2015 19:10	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0179	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/01/2015 14:25	09/02/2015 19:10	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0179	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/01/2015 14:25	09/02/2015 19:10	AMC



Sample Information

Client Sample ID: HA - 1 (8-9)

York Sample ID: 15H0920-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0920

925 Atlantic Ave Brooklyn NY

Soil

August 26, 2015 10:53 am

08/27/2015

Polychlorinated Biphenyls (PCB)

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
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0179	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/01/2015 14:25	09/02/2015 19:10	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0179	0.0179	1	EPA 8082A Certifications:	09/01/2015 14:25	09/02/2015 19:10	AMC
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	60.7 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	59.9 %			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	7220		mg/kg dry	5.38	5.38	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:36	ALD
7440-36-0	Antimony	ND		mg/kg dry	0.538	0.538	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 19:36	ALD
7440-38-2	Arsenic	2.52		mg/kg dry	1.08	1.08	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 19:36	ALD
7440-39-3	Barium	51.2		mg/kg dry	1.08	1.08	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 19:36	ALD
7440-41-7	Beryllium	ND		mg/kg dry	0.108	0.108	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:36	ALD
7440-43-9	Cadmium	ND		mg/kg dry	0.323	0.323	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 19:36	ALD
7440-70-2	Calcium	2670		mg/kg dry	0.538	5.38	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:36	ALD
7440-47-3	Chromium	16.8		mg/kg dry	0.538	0.538	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 19:36	ALD
7440-48-4	Cobalt	6.70		mg/kg dry	0.538	0.538	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:36	ALD
7440-50-8	Copper	22.2		mg/kg dry	0.538	0.538	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:36	ALD
7439-89-6	Iron	16000		mg/kg dry	2.15	2.15	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:36	ALD
7439-92-1	Lead	48.9		mg/kg dry	0.323	0.323	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 19:36	ALD
7439-95-4	Magnesium	2570		mg/kg dry	5.38	5.38	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:36	ALD
7439-96-5	Manganese	206		mg/kg dry	0.538	0.538	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:36	ALD
7440-02-0	Nickel	27.2		mg/kg dry	0.538	0.538	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 19:36	ALD
7440-09-7	Potassium	1080		mg/kg dry	5.38	5.38	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:36	ALD



Sample Information

Client Sample ID: HA - 1 (8-9) **York Sample ID:** 15H0920-10
York Project (SDG) No.: 15H0920 **Client Project ID:** 925 Atlantic Ave Brooklyn NY **Matrix:** Soil **Collection Date/Time:** August 26, 2015 10:53 am **Date Received:** 08/27/2015

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
7782-49-2	Selenium	ND		mg/kg dry	1.08	1.08	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 19:36	ALD
7440-22-4	Silver	ND		mg/kg dry	0.538	0.538	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 19:36	ALD
7440-23-5	Sodium	176		mg/kg dry	10.8	10.8	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:36	ALD
7440-28-0	Thallium	ND		mg/kg dry	1.08	1.08	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:36	ALD
7440-62-2	Vanadium	22.5		mg/kg dry	1.08	1.08	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:36	ALD
7440-66-6	Zinc	59.5		mg/kg dry	1.08	1.08	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:36	ALD

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	0.192		mg/kg dry	0.0323	0.0323	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	09/01/2015 06:32	09/01/2015 15:35	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	93.0		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	08/28/2015 09:45	08/31/2015 10:52	CLS

Sample Information

Client Sample ID: DUP **York Sample ID:** 15H0920-11
York Project (SDG) No.: 15H0920 **Client Project ID:** 925 Atlantic Ave Brooklyn NY **Matrix:** Soil **Collection Date/Time:** August 26, 2015 3:00 pm **Date Received:** 08/27/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:58	BK



Sample Information

Client Sample ID: DUP

York Sample ID: 15H0920-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0920

925 Atlantic Ave Brooklyn NY

Soil

August 26, 2015 3:00 pm

08/27/2015

Volatile Organics, 8260 - Comprehensive

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
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 23:58	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 23:58	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:58	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 23:58	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 23:58	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 23:58	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:58	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:58	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:58	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:58	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:58	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:58	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 23:58	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 23:58	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:58	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:58	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 23:58	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 23:58	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	47	94	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:58	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:58	BK
591-78-6	2-Hexanone	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:58	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:58	BK



Sample Information

Client Sample ID: DUP

York Sample ID: 15H0920-11

York Project (SDG) No.

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August 26, 2015 3:00 pm

08/27/2015

Volatile Organics, 8260 - Comprehensive

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	7.2	SCAL- E, J	ug/kg dry	4.7	9.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:58	BK
107-02-8	Acrolein	ND		ug/kg dry	4.7	9.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:58	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:58	BK
71-43-2	Benzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 23:58	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:58	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 23:58	BK
75-25-2	Bromoform	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 23:58	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 23:58	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:58	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 23:58	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 23:58	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 23:58	BK
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 23:58	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 23:58	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:58	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 23:58	BK
110-82-7	Cyclohexane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:58	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 23:58	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:58	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:58	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 23:58	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:58	BK



Sample Information

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Volatile Organics, 8260 - Comprehensive

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
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:58	BK
79-20-9	Methyl acetate	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:58	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:58	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:58	BK
75-09-2	Methylene chloride	ND		ug/kg dry	4.7	9.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 23:58	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:58	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:58	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	09/02/2015 08:28	09/02/2015 23:58	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.7	9.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	09/02/2015 08:28	09/02/2015 23:58	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:58	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:58	BK
100-42-5	Styrene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:58	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	4.7	9.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:58	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:58	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 23:58	BK
108-88-3	Toluene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 23:58	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2015 08:28	09/02/2015 23:58	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 23:58	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 23:58	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 23:58	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 23:58	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.0	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2015 08:28	09/02/2015 23:58	BK



Sample Information

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August 26, 2015 3:00 pm

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Volatile Organics, 8260 - Comprehensive

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
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	118 %									
2037-26-5	Surrogate: Toluene-d8	111 %									
460-00-4	Surrogate: p-Bromofluorobenzene	94.4 %									

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	74.0	148	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 12:06	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	148	295	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 12:06	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	74.0	148	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:06	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	74.0	148	2	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 14:17	09/03/2015 12:06	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	74.0	148	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 12:06	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	74.0	148	2	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 14:17	09/03/2015 12:06	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	74.0	148	2	EPA 8270D Certifications: NELAC-NY10854	09/01/2015 14:17	09/03/2015 12:06	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	148	295	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 12:06	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	74.0	148	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 12:06	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	74.0	148	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:06	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	74.0	148	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:06	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	74.0	148	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:06	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	148	295	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:06	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	74.0	148	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:06	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	74.0	148	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:06	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	74.0	148	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:06	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	74.0	148	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:06	KH



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August 26, 2015 3:00 pm

08/27/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	74.0	148	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 12:06	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	74.0	148	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:06	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	148	295	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:06	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	74.0	148	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:06	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	74.0	148	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 12:06	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	74.0	148	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:06	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	148	295	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:06	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	148	295	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 12:06	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	74.0	148	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:06	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	74.0	148	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:06	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	74.0	148	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:06	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	74.0	148	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:06	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	148	295	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:06	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	148	295	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:06	KH
83-32-9	Acenaphthene	ND		ug/kg dry	74.0	148	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:06	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	74.0	148	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:06	KH
98-86-2	Acetophenone	ND		ug/kg dry	74.0	148	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 12:06	KH
62-53-3	Aniline	ND		ug/kg dry	295	591	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:06	KH
120-12-7	Anthracene	ND		ug/kg dry	74.0	148	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:06	KH
1912-24-9	Atrazine	ND		ug/kg dry	74.0	148	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 12:06	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	74.0	148	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 12:06	KH
92-87-5	Benzidine	ND		ug/kg dry	295	591	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854	09/01/2015 14:17	09/03/2015 12:06	KH



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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	74.0	148	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:06	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	74.0	148	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:06	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	74.0	148	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:06	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	74.0	148	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:06	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	74.0	148	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:06	KH
65-85-0	Benzoic acid	ND		ug/kg dry	74.0	148	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 12:06	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	74.0	148	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:06	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	74.0	148	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:06	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	74.0	148	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:06	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	74.0	148	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:06	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	74.0	148	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:06	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	74.0	148	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:06	KH
105-60-2	Caprolactam	ND		ug/kg dry	148	295	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 12:06	KH
86-74-8	Carbazole	ND		ug/kg dry	74.0	148	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:06	KH
218-01-9	Chrysene	ND		ug/kg dry	74.0	148	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:06	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	74.0	148	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:06	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	74.0	148	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 12:06	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	74.0	148	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:06	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	74.0	148	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:06	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	74.0	148	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:06	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	74.0	148	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:06	KH
206-44-0	Fluoranthene	ND		ug/kg dry	74.0	148	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:06	KH



Sample Information

Client Sample ID: DUP

York Sample ID: 15H0920-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0920

925 Atlantic Ave Brooklyn NY

Soil

August 26, 2015 3:00 pm

08/27/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		ug/kg dry	74.0	148	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:06	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	74.0	148	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:06	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	74.0	148	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:06	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	74.0	148	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:06	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	74.0	148	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:06	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	74.0	148	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:06	KH
78-59-1	Isophorone	ND		ug/kg dry	74.0	148	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:06	KH
91-20-3	Naphthalene	ND		ug/kg dry	74.0	148	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 12:06	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	74.0	148	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:06	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	74.0	148	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 12:06	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	74.0	148	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:06	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	74.0	148	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:17	09/03/2015 12:06	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	74.0	148	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:06	KH
85-01-8	Phenanthrene	ND		ug/kg dry	74.0	148	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:06	KH
108-95-2	Phenol	ND		ug/kg dry	74.0	148	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:06	KH
129-00-0	Pyrene	ND		ug/kg dry	74.0	148	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:17	09/03/2015 12:06	KH

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: 2-Fluorophenol	53.9 %	10-95
4165-62-2	Surrogate: Phenol-d5	57.0 %	10-107
4165-60-0	Surrogate: Nitrobenzene-d5	50.5 %	10-95
321-60-8	Surrogate: 2-Fluorobiphenyl	49.3 %	10-97
118-79-6	Surrogate: 2,4,6-Tribromophenol	73.8 %	10-103
1718-51-0	Surrogate: Terphenyl-d14	48.9 %	19-99

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: DUP

York Sample ID: 15H0920-11

<u>York Project (SDG) No.</u> 15H0920	<u>Client Project ID</u> 925 Atlantic Ave Brooklyn NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> August 26, 2015 3:00 pm	<u>Date Received</u> 08/27/2015
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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	1.95	1.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 04:12	AMC
72-55-9	4,4'-DDE	ND		ug/kg dry	1.95	1.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 04:12	AMC
50-29-3	4,4'-DDT	ND		ug/kg dry	1.95	1.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 04:12	AMC
309-00-2	Aldrin	ND		ug/kg dry	1.95	1.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 04:12	AMC
319-84-6	alpha-BHC	ND		ug/kg dry	1.95	1.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 04:12	AMC
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.95	1.95	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:25	09/03/2015 04:12	AMC
319-85-7	beta-BHC	ND		ug/kg dry	1.95	1.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 04:12	AMC
57-74-9	Chlordane, total	ND		ug/kg dry	77.8	77.8	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 04:12	AMC
319-86-8	delta-BHC	ND		ug/kg dry	1.95	1.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 04:12	AMC
60-57-1	Dieldrin	ND		ug/kg dry	1.95	1.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 04:12	AMC
959-98-8	Endosulfan I	ND		ug/kg dry	1.95	1.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 04:12	AMC
33213-65-9	Endosulfan II	ND		ug/kg dry	1.95	1.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 04:12	AMC
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.95	1.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 04:12	AMC
72-20-8	Endrin	ND		ug/kg dry	1.95	1.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 04:12	AMC
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.95	1.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 04:12	AMC
53494-70-5	Endrin ketone	ND		ug/kg dry	1.95	1.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:25	09/03/2015 04:12	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.95	1.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 04:12	AMC
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.95	1.95	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	09/01/2015 14:25	09/03/2015 04:12	AMC
76-44-8	Heptachlor	ND		ug/kg dry	1.95	1.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 04:12	AMC
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.95	1.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 04:12	AMC
72-43-5	Methoxychlor	ND		ug/kg dry	9.73	9.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2015 14:25	09/03/2015 04:12	AMC
8001-35-2	Toxaphene	ND		ug/kg dry	98.5	98.5	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 14:25	09/03/2015 04:12	AMC

Surrogate Recoveries

Result

Acceptance Range



Sample Information

Client Sample ID: DUP

York Sample ID: 15H0920-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0920

925 Atlantic Ave Brooklyn NY

Soil

August 26, 2015 3:00 pm

08/27/2015

Pesticides, 8081 target 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
877-09-8	Surrogate: Tetrachloro-m-xylene	74.5 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	87.2 %			30-140						

Polychlorinated Biphenyls (PCB)

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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0197	0.0197	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/01/2015 14:25	09/02/2015 19:29	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0197	0.0197	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/01/2015 14:25	09/02/2015 19:29	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0197	0.0197	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/01/2015 14:25	09/02/2015 19:29	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0197	0.0197	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/01/2015 14:25	09/02/2015 19:29	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0197	0.0197	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/01/2015 14:25	09/02/2015 19:29	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0197	0.0197	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/01/2015 14:25	09/02/2015 19:29	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0197	0.0197	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/01/2015 14:25	09/02/2015 19:29	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0197	0.0197	1	EPA 8082A Certifications:	09/01/2015 14:25	09/02/2015 19:29	AMC

Surrogate Recoveries

Result

Acceptance Range

877-09-8	Surrogate: Tetrachloro-m-xylene	57.2 %	30-140
2051-24-3	Surrogate: Decachlorobiphenyl	55.1 %	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	10400		mg/kg dry	5.90	5.90	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:41	ALD
7440-36-0	Antimony	ND		mg/kg dry	0.590	0.590	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 19:41	ALD
7440-38-2	Arsenic	3.14		mg/kg dry	1.18	1.18	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 19:41	ALD
7440-39-3	Barium	55.1		mg/kg dry	1.18	1.18	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 19:41	ALD
7440-41-7	Beryllium	ND		mg/kg dry	0.118	0.118	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:41	ALD
7440-43-9	Cadmium	ND		mg/kg dry	0.354	0.354	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 19:41	ALD



Sample Information

Client Sample ID: DUP

York Sample ID: 15H0920-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0920

925 Atlantic Ave Brooklyn NY

Soil

August 26, 2015 3:00 pm

08/27/2015

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
7440-70-2	Calcium	869		mg/kg dry	0.590	5.90	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:41	ALD
7440-47-3	Chromium	16.4		mg/kg dry	0.590	0.590	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 19:41	ALD
7440-48-4	Cobalt	4.20		mg/kg dry	0.590	0.590	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:41	ALD
7440-50-8	Copper	5.20		mg/kg dry	0.590	0.590	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:41	ALD
7439-89-6	Iron	14400		mg/kg dry	2.36	2.36	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:41	ALD
7439-92-1	Lead	7.02		mg/kg dry	0.354	0.354	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 19:41	ALD
7439-95-4	Magnesium	1450		mg/kg dry	5.90	5.90	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:41	ALD
7439-96-5	Manganese	217		mg/kg dry	0.590	0.590	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:41	ALD
7440-02-0	Nickel	8.35		mg/kg dry	0.590	0.590	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 19:41	ALD
7440-09-7	Potassium	527		mg/kg dry	5.90	5.90	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:41	ALD
7782-49-2	Selenium	ND		mg/kg dry	1.18	1.18	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 19:41	ALD
7440-22-4	Silver	ND		mg/kg dry	0.590	0.590	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/28/2015 13:55	09/02/2015 19:41	ALD
7440-23-5	Sodium	59.3		mg/kg dry	11.8	11.8	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:41	ALD
7440-28-0	Thallium	ND		mg/kg dry	1.18	1.18	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:41	ALD
7440-62-2	Vanadium	22.0		mg/kg dry	1.18	1.18	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:41	ALD
7440-66-6	Zinc	23.8		mg/kg dry	1.18	1.18	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 13:55	09/02/2015 19:41	ALD

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	ND		mg/kg dry	0.0354	0.0354	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	09/01/2015 06:32	09/01/2015 15:43	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
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Sample Information

Client Sample ID: DUP

York Sample ID: 15H0920-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0920

925 Atlantic Ave Brooklyn NY

Soil

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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	84.8		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	08/28/2015 09:47	08/31/2015 11:04	CLS

Sample Information

Client Sample ID: Equipment Blank

York Sample ID: 15H0920-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0920

925 Atlantic Ave Brooklyn NY

Water

August 26, 2015 2:47 pm

08/27/2015

Volatile Organics, 8260 - Comprehensive

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
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 20:52	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 20:52	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 20:52	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 20:52	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 20:52	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 20:52	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 20:52	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 20:52	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 20:52	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 20:52	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 20:52	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 20:52	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 20:52	SS



Sample Information

Client Sample ID: Equipment Blank

York Sample ID: 15H0920-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0920

925 Atlantic Ave Brooklyn NY

Water

August 26, 2015 2:47 pm

08/27/2015

Volatile Organics, 8260 - Comprehensive

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
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 20:52	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 20:52	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 20:52	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 20:52	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 20:52	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 20:52	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	160	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 20:52	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 20:52	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 20:52	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 20:52	SS
67-64-1	Acetone	1.5	SCAL- E, J	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 20:52	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 20:52	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 20:52	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 20:52	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 20:52	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 20:52	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 20:52	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 20:52	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 20:52	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 20:52	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 20:52	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 20:52	SS



Sample Information

Client Sample ID: Equipment Blank

York Sample ID: 15H0920-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0920

925 Atlantic Ave Brooklyn NY

Water

August 26, 2015 2:47 pm

08/27/2015

Volatile Organics, 8260 - Comprehensive

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
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 20:52	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 20:52	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 20:52	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 20:52	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 20:52	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 20:52	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 20:52	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 20:52	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 20:52	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 20:52	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 20:52	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 20:52	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 20:52	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 20:52	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 20:52	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 20:52	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 20:52	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	09/01/2015 15:57	09/01/2015 20:52	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	09/01/2015 15:57	09/01/2015 20:52	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 20:52	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 20:52	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 20:52	SS



Sample Information

Client Sample ID: Equipment Blank

York Sample ID: 15H0920-12

York Project (SDG) No.

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Water

August 26, 2015 2:47 pm

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Volatile Organics, 8260 - Comprehensive

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
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 20:52	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 20:52	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 20:52	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 20:52	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 20:52	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 20:52	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 20:52	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 20:52	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 20:52	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	09/01/2015 15:57	09/01/2015 20:52	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	103 %			69-130						
2037-26-5	Surrogate: Toluene-d8	106 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	97.0 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

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
92-52-4	1,1'-Biphenyl	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 18:39	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 18:39	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 18:39	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854	08/28/2015 08:03	08/28/2015 18:39	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 18:39	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854	08/28/2015 08:03	08/28/2015 18:39	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854	08/28/2015 08:03	08/28/2015 18:39	KH



Sample Information

Client Sample ID: Equipment Blank

York Sample ID: 15H0920-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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15H0920

925 Atlantic Ave Brooklyn NY

Water

August 26, 2015 2:47 pm

08/27/2015

Semi-Volatiles, 8270 - Comprehensive

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
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 18:39	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 18:39	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 18:39	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 18:39	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 18:39	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 18:39	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 18:39	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 18:39	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 18:39	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 18:39	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 18:39	KH
95-48-7	2-Methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 18:39	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 18:39	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 18:39	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 18:39	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 18:39	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 18:39	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 18:39	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 18:39	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 18:39	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 18:39	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 18:39	KH



Sample Information

Client Sample ID: Equipment Blank

York Sample ID: 15H0920-12

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925 Atlantic Ave Brooklyn NY

Water

August 26, 2015 2:47 pm

08/27/2015

Semi-Volatiles, 8270 - Comprehensive

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
100-01-6	4-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 18:39	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 18:39	KH
83-32-9	Acenaphthene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 15:30	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 15:30	SR
98-86-2	Acetophenone	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 18:39	KH
62-53-3	Aniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 18:39	KH
120-12-7	Anthracene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 15:30	SR
1912-24-9	Atrazine	ND		ug/L	0.541	0.541	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 15:30	SR
100-52-7	Benzaldehyde	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 18:39	KH
92-87-5	Benzidine	ND		ug/L	10.8	21.6	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 18:39	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 15:30	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 15:30	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 15:30	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 15:30	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 15:30	SR
65-85-0	Benzoic acid	ND		ug/L	27.0	54.1	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 18:39	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 18:39	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 18:39	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 18:39	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 18:39	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 18:39	KH
117-81-7	Bis(2-ethylhexyl)phthalate	1.11		ug/L	0.541	0.541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 15:30	SR



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Semi-Volatiles, 8270 - Comprehensive

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
105-60-2	Caprolactam	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 18:39	KH
86-74-8	Carbazole	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 18:39	KH
218-01-9	Chrysene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 15:30	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 15:30	SR
132-64-9	Dibenzofuran	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 18:39	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 18:39	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 18:39	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 18:39	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 18:39	KH
206-44-0	Fluoranthene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 15:30	SR
86-73-7	Fluorene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 15:30	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0216	0.0216	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 15:30	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.541	0.541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 18:39	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 18:39	KH
67-72-1	Hexachloroethane	ND		ug/L	0.541	0.541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 18:39	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 15:30	SR
78-59-1	Isophorone	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 18:39	KH
91-20-3	Naphthalene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 15:30	SR
98-95-3	Nitrobenzene	ND		ug/L	0.270	0.270	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 18:39	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.541	0.541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 15:30	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 18:39	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 18:39	KH



Sample Information

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Water

August 26, 2015 2:47 pm

08/27/2015

Semi-Volatiles, 8270 - Comprehensive

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
87-86-5	Pentachlorophenol	ND		ug/L	0.270	0.270	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 15:30	SR
85-01-8	Phenanthrene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 15:30	SR
108-95-2	Phenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 18:39	KH
129-00-0	Pyrene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	08/28/2015 08:03	08/28/2015 15:30	SR
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	19.5 %			10-65						
4165-62-2	Surrogate: Phenol-d5	11.9 %			10-49						
4165-60-0	Surrogate: Nitrobenzene-d5	49.6 %			10-96						
321-60-8	Surrogate: 2-Fluorobiphenyl	41.8 %			10-93						
118-79-6	Surrogate: 2,4,6-Tribromophenol	50.1 %			10-128						
1718-51-0	Surrogate: Terphenyl-d14	65.7 %			10-100						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 18:32	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 18:32	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 18:32	AMC
309-00-2	Aldrin	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 18:32	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 18:32	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 18:32	AMC
319-85-7	beta-BHC	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 18:32	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0421	0.0421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 18:32	AMC
319-86-8	delta-BHC	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 18:32	AMC
60-57-1	Dieldrin	ND		ug/L	0.00211	0.00211	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 18:32	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 18:32	AMC



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Pesticides, 8081 target 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
33213-65-9	Endosulfan II	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 18:32	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 18:32	AMC
72-20-8	Endrin	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 18:32	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0105	0.0105	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 18:32	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0105	0.0105	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 18:32	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 18:32	AMC
5566-34-7	gamma-Chlordane	ND		ug/L	0.0105	0.0105	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 18:32	AMC
76-44-8	Heptachlor	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 18:32	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 18:32	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 18:32	AMC
8001-35-2	Toxaphene	ND		ug/L	0.105	0.105	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	08/31/2015 06:45	08/31/2015 18:32	AMC
	Surrogate Recoveries	Result									
877-09-8	Surrogate: Tetrachloro-m-xylene	55.6 %									
2051-24-3	Surrogate: Decachlorobiphenyl	33.0 %									
					Acceptance Range						
					30-120						
					30-120						

Polychlorinated Biphenyls (PCB)

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
12674-11-2	Aroclor 1016	ND		ug/L	0.0526	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	08/31/2015 06:45	08/31/2015 15:07	AMC
11104-28-2	Aroclor 1221	ND		ug/L	0.0526	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	08/31/2015 06:45	08/31/2015 15:07	AMC
11141-16-5	Aroclor 1232	ND		ug/L	0.0526	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	08/31/2015 06:45	08/31/2015 15:07	AMC
53469-21-9	Aroclor 1242	ND		ug/L	0.0526	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	08/31/2015 06:45	08/31/2015 15:07	AMC
12672-29-6	Aroclor 1248	ND		ug/L	0.0526	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	08/31/2015 06:45	08/31/2015 15:07	AMC
11097-69-1	Aroclor 1254	ND		ug/L	0.0526	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	08/31/2015 06:45	08/31/2015 15:07	AMC



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Polychlorinated Biphenyls (PCB)

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
11096-82-5	Aroclor 1260	ND		ug/L	0.0526	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	08/31/2015 06:45	08/31/2015 15:07	AMC
1336-36-3	* Total PCBs	ND		ug/L	0.0526	0.0526	1	EPA 8082A Certifications:	08/31/2015 06:45	08/31/2015 15:07	AMC
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	47.8 %			30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	25.1 %	GC-Sur		30-120						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

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	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 03:24	09/03/2015 03:24	ALD
7440-36-0	Antimony	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 03:24	09/03/2015 03:24	ALD
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 03:24	09/03/2015 03:24	ALD
7440-39-3	Barium	ND		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 03:24	09/03/2015 03:24	ALD
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 03:24	09/03/2015 03:24	ALD
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 03:24	09/03/2015 03:24	ALD
7440-70-2	Calcium	0.827		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 03:24	09/03/2015 03:24	ALD
7440-47-3	Chromium	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 03:24	09/03/2015 03:24	ALD
7440-48-4	Cobalt	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 03:24	09/03/2015 03:24	ALD
7440-50-8	Copper	ND		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 03:24	09/03/2015 03:24	ALD
7439-89-6	Iron	0.034		mg/L	0.022	0.022	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 03:24	09/03/2015 03:24	ALD
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 03:24	09/03/2015 03:24	ALD
7439-95-4	Magnesium	0.137		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 03:24	09/03/2015 03:24	ALD
7439-96-5	Manganese	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 03:24	09/03/2015 03:24	ALD
7440-02-0	Nickel	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 03:24	09/03/2015 03:24	ALD



Sample Information

Client Sample ID: Equipment Blank

York Sample ID: 15H0920-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0920

925 Atlantic Ave Brooklyn NY

Water

August 26, 2015 2:47 pm

08/27/2015

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to		Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
					LOD/MDL	LOQ					
7440-09-7	Potassium	0.119		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 03:24	09/03/2015 03:24	ALD
7782-49-2	Selenium	ND		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 03:24	09/03/2015 03:24	ALD
7440-22-4	Silver	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 03:24	09/03/2015 03:24	ALD
7440-23-5	Sodium	0.433		mg/L	0.111	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 03:24	09/03/2015 03:24	ALD
7440-28-0	Thallium	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 03:24	09/03/2015 03:24	ALD
7440-62-2	Vanadium	ND		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 03:24	09/03/2015 03:24	ALD
7440-66-6	Zinc	0.012		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/03/2015 03:24	09/03/2015 03:24	ALD

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to		Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
					LOD/MDL	LOQ					
7439-97-6	Mercury	ND		mg/L	0.00020	0.00020	1	EPA 7473 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/31/2015 07:19	09/01/2015 07:38	ALD

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 15H0920-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0920

925 Atlantic Ave Brooklyn NY

Water

August 26, 2015 3:00 pm

08/27/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to		Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
					LOD/MDL	LOQ					
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 21:27	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 21:27	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 21:27	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 21:27	SS



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 15H0920-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0920

925 Atlantic Ave Brooklyn NY

Water

August 26, 2015 3:00 pm

08/27/2015

Volatile Organics, 8260 - Comprehensive

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
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 21:27	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 21:27	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 21:27	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 21:27	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 21:27	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 21:27	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 21:27	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 21:27	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 21:27	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 21:27	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 21:27	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 21:27	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 21:27	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 21:27	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 21:27	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	160	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 21:27	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 21:27	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 21:27	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 21:27	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 21:27	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 21:27	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 21:27	SS



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 15H0920-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0920

925 Atlantic Ave Brooklyn NY

Water

August 26, 2015 3:00 pm

08/27/2015

Volatile Organics, 8260 - Comprehensive

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
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 21:27	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 21:27	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 21:27	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 21:27	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 21:27	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 21:27	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 21:27	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 21:27	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 21:27	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 21:27	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 21:27	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 21:27	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 21:27	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 21:27	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 21:27	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 21:27	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 21:27	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 21:27	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 21:27	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 21:27	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 21:27	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 21:27	SS



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 15H0920-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0920

925 Atlantic Ave Brooklyn NY

Water

August 26, 2015 3:00 pm

08/27/2015

Volatile Organics, 8260 - Comprehensive

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
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 21:27	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 21:27	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 21:27	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 21:27	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	09/01/2015 15:57	09/01/2015 21:27	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	09/01/2015 15:57	09/01/2015 21:27	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 21:27	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 21:27	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 21:27	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 21:27	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 21:27	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 21:27	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 21:27	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 21:27	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 21:27	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 21:27	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 21:27	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2015 15:57	09/01/2015 21:27	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	09/01/2015 15:57	09/01/2015 21:27	SS

Surrogate Recoveries

Result

Acceptance Range

17060-07-0 *Surrogate: 1,2-Dichloroethane-d4*

100 %

69-130

2037-26-5 *Surrogate: Toluene-d8*

101 %

81-117

460-00-4 *Surrogate: p-Bromofluorobenzene*

96.9 %

79-122



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
15H0920-01	SP - 1 (0-2)	40mL Vial with Stir Bar-Cool 4° C
15H0920-02	SP - 1 (12-14)	40mL Vial with Stir Bar-Cool 4° C
15H0920-03	SP - 2 (0-2)	40mL Vial with Stir Bar-Cool 4° C
15H0920-04	SP - 2 (12-14)	40mL Vial with Stir Bar-Cool 4° C
15H0920-05	SP - 3 (0-2)	40mL Vial with Stir Bar-Cool 4° C
15H0920-06	SP - 3 (12-14)	40mL Vial with Stir Bar-Cool 4° C
15H0920-07	SP - 4 (0-2)	40mL Vial with Stir Bar-Cool 4° C
15H0920-08	SP - 4 (12-14)	40mL Vial with Stir Bar-Cool 4° C
15H0920-09	HA - 1 (6-8)	40mL Vial with Stir Bar-Cool 4° C
15H0920-10	HA - 1 (8-9)	40mL Vial with Stir Bar-Cool 4° C
15H0920-11	DUP	40mL Vial with Stir Bar-Cool 4° C
15H0920-12	Equipment Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15H0920-13	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Notes and Definitions

SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
S-08	The recovery of this surrogate was outside of QC limits.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
IS-06	Internal standard perylene-d12 did not meet acceptance criteria. The sample was reanalyzed to confirm matrix interference. Compounds affected are: Benzo(g,h,i)perylene, Dibenzo(a,h)anthracene and Indeno(1,2,3-cd)pyrene.
IS-04	This internal standard was suppressed due to matrix effects.
GC-Surr	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the alternate surrogate.
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).

*	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.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.



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. 15H0920

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type
Company: <u>Alpha-Hydro Env</u>	Company: _____	Company: _____	<u>925 Atlantic Ave Brooklyn, NY</u>	RUSH - Same Day <input type="checkbox"/>	Summary Report <input checked="" type="checkbox"/>
Address: <u>1503 Wave Ave Medford, NY 11763</u>	Address: _____	Address: _____		RUSH - Next Day <input type="checkbox"/>	Summary w/ QA Summary _____
Phone No. <u>(631) 448-1862</u>	Phone No. _____	Phone No. _____	Purchase Order No.	RUSH - Two Day <input type="checkbox"/>	CT RCP Package _____
Contact Person: <u>David Oloke</u>	Attention: _____	Attention: <u>Accts. Payable</u>	<u>Job # 15-10183</u>	RUSH - Three Day <input type="checkbox"/>	CTRCP DQA/DUE Pkg _____
E-Mail Address: _____	E-Mail Address: _____	E-Mail Address: _____	Samples from: CT ___ NY <input checked="" type="checkbox"/> NJ ___	RUSH - Four Day <input type="checkbox"/>	NY ASP A Package _____
			Standard(5-7 Days) <input checked="" type="checkbox"/>	NJDEP Red. Deliv. _____	

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)

Volatiles	Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full TICs	8270 or 625 STARS list	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624 Site Spec.	BN Only	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list Nassau Co.	Acids Only	8151Herb	TAL	CT ETPH	TAL MetCN	Ignitability
BTEX Suffolk Co.	PAH list	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE Ketones	TAGM list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list Oxygenates	CT RCP list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list TCLP list	TCL list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list 524.2	NJDEP list	TCLP Pest	Dissolved	Air STARS	Part 360-Expendable No. Direct Filter	BTU/lb.
Arom. only 502.2	App. IX	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expendable Full List	Aquatic Tox.
Halog. only NJDEP list	TCLP BNA	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App. IX list SPLP or TCLP	SPLP or TCLP	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		608 PCB		Helium	TAGM	Silica

- 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):

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
SP-1 (0-2)	8/26/15 10:45 am	S	FULL TCL & TAL METALS LIST	4 (Vocs) & 1 (8oz)
SP-1 (12-14)	8/26/15 11:57 am	S		
SP-2 (0-2)	8/26/15 2:15 pm	S		
SP-2 (12-14)	8/26/15 2:35 pm	S		
SP-3 (0-2)	8/26/15 12:50	S		
SP-3 (12-14)	8/26/15 1:15 pm	S		
SP-4 (0-2)	8/26/15 1:35 pm	S		
SP-4 (12-14)	8/26/15 1:55 pm	S		
HA-1 (6-8)	8/26/15 10:38	S		
HA-1 (8-9)	8/26/15 10:53	S		

Page 136 of 137	Comments	Preservation: 4°C _____ Frozen _____ HCl _____ MeOH _____ HNO ₃ _____ H ₂ SO ₄ _____ NaOH _____ Check those Applicable: ZnAc _____ Ascorbic Acid _____ Other _____	Temperature on Receipt: <u>9.9°C</u>
		Special Instructions: <u>David Oloke 8/27 9:37 am</u> Samples Relinquished By: _____ Date/Time: _____ Samples Received By: <u>KBoke 8/27/15 12:45 pm</u> Date/Time: _____	
		Field Filtered <input type="checkbox"/> Lab to Filter <input type="checkbox"/> Samples Relinquished By: <u>KBoke 8/27/15</u> Date/Time: _____ Samples Received in LAB by: _____ Date/Time: <u>8/27/15 1902</u>	



YORK ANALYTICAL LABORATORIES
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Field Chain-of-Custody Record

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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. 15H0920

YOUR Information		Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type
Company: <u>Alpha-Hydro Env.</u>		Company: _____	Company: <u>→</u>	<u>925 Atlantic Ave</u> <u>Brooklyn, NY</u>	RUSH - Same Day <input type="checkbox"/>	Summary Report <input checked="" type="checkbox"/>
Address: <u>1503 Nave Ave</u> <u>Medford, NY 11763</u>		Address: _____	Address: <u>→</u>		RUSH - Next Day <input type="checkbox"/>	Summary w/ QA Summary _____
Phone No: <u>(631) 448-1862</u>		Phone No: _____	Phone No: <u>→</u>	Purchase Order No.	RUSH - Two Day <input type="checkbox"/>	CTRCP DQA/DUE Pkg _____
Contact Person: <u>David Oloke</u>		Attention: <u>→</u>	Attention: <u>Accts Payable</u>	<u>Job # 15-10183</u>	RUSH - Three Day <input type="checkbox"/>	NY ASP A Package _____
E-Mail Address: _____		E-Mail Address: _____	E-Mail Address: _____	Samples from: CT <input type="checkbox"/> NY <input checked="" type="checkbox"/> NJ <input type="checkbox"/>	RUSH - Four Day <input type="checkbox"/>	NY ASP B Package _____
				Standard(5-7 Days) <input checked="" type="checkbox"/>	Electronic Data Deliverables (EDD)	

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 STARS list	8082PCB	RCRA8	TPH GRO	Pri. Poll.	Corrosivity
624 Site Spec.	BN Only	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list Nassau Co.	Acids Only	8151Herb	TAL	CT ETPH	TAL MetCN	Ignitability
BTEX Suffolk Co.	PAH list	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE Ketones	TAGM 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-Formaldehyde	BTU/lb.
Arom. only 502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part.360-Formaldehyde	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

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):

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
Du.P	8/26/15	S	FULL TCL & TAL METALS LIST	4 (VOLS) & 1 (8oz)
Equipment Blank	8/26/15 2:47pm	W	" "	3 (VOLS) 2 (250ml); 3 (1L)
Trip Blank	8/26/15	W	FULL BISEPA 8620	2 VOLS

Page 137 of 137	Comments	Preservation Check those Applicable	4°C _____ Frozen _____ HCl _____ MeOH _____ HNO ₃ _____ H ₂ SO ₄ _____ NaOH _____ ZnAc _____ Ascorbic Acid _____ Other _____	Temperature on Receipt _____ °C
		Special Instructions	David Oloke 8/27 9:37 AM Samples Relinquished By _____ Date/Time _____ K. B. B. 8/27/15 Samples Received By _____ Date/Time _____	
		Field Filtered <input type="checkbox"/> Lab to Filter <input type="checkbox"/>	Samples Relinquished By _____ Date/Time _____ Samples Received in LAB by _____ Date/Time _____	



Technical Report

prepared for:

Alpha-Hydro Environmental

1503 Wave Avenue

Medford NY, 11763

Attention: David Oloke

Report Date: 09/03/2015

Client Project ID: 925 Atlantic Ave Brooklyn NY

York Project (SDG) No.: 15H0917

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

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 August 27, 2015 and listed below. The project was identified as your project: **925 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.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
15H0917-01	SV-1	Soil Vapor	08/26/2015	08/27/2015
15H0917-02	SV-2	Soil Vapor	08/26/2015	08/27/2015
15H0917-03	SV-3	Soil Vapor	08/26/2015	08/27/2015

General Notes for York Project (SDG) No.: 15H0917

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

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 09/03/2015





Sample Information

Client Sample ID: SV-1

York Sample ID: 15H0917-01

York Project (SDG) No.
15H0917

Client Project ID
925 Atlantic Ave Brooklyn NY

Matrix
Soil Vapor

Collection Date/Time
August 26, 2015 3:00 pm

Date Received
08/27/2015

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
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ppbv	1.9	1.9	19.02	EPA TO-15 Certifications:	09/03/2015 00:33	09/03/2015 00:33	ALD
71-55-6	1,1,1-Trichloroethane	ND		ppbv	1.9	1.9	19.02	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 00:33	09/03/2015 00:33	ALD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ppbv	1.9	1.9	19.02	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 00:33	09/03/2015 00:33	ALD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ppbv	1.9	1.9	19.02	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 00:33	09/03/2015 00:33	ALD
79-00-5	1,1,2-Trichloroethane	ND		ppbv	1.9	1.9	19.02	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 00:33	09/03/2015 00:33	ALD
75-34-3	1,1-Dichloroethane	ND		ppbv	1.9	1.9	19.02	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 00:33	09/03/2015 00:33	ALD
75-35-4	1,1-Dichloroethylene	ND		ppbv	1.9	1.9	19.02	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 00:33	09/03/2015 00:33	ALD
120-82-1	1,2,4-Trichlorobenzene	ND		ppbv	1.9	1.9	19.02	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 00:33	09/03/2015 00:33	ALD
95-63-6	1,2,4-Trimethylbenzene	10		ppbv	1.9	1.9	19.02	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 00:33	09/03/2015 00:33	ALD
106-93-4	1,2-Dibromoethane	ND		ppbv	1.9	1.9	19.02	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 00:33	09/03/2015 00:33	ALD
95-50-1	1,2-Dichlorobenzene	ND		ppbv	1.9	1.9	19.02	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 00:33	09/03/2015 00:33	ALD
107-06-2	1,2-Dichloroethane	ND		ppbv	1.9	1.9	19.02	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 00:33	09/03/2015 00:33	ALD
78-87-5	1,2-Dichloropropane	ND		ppbv	1.9	1.9	19.02	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 00:33	09/03/2015 00:33	ALD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ppbv	1.9	1.9	19.02	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 00:33	09/03/2015 00:33	ALD
108-67-8	1,3,5-Trimethylbenzene	3.0		ppbv	1.9	1.9	19.02	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 00:33	09/03/2015 00:33	ALD
106-99-0	1,3-Butadiene	ND		ppbv	5.7	5.7	19.02	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 00:33	09/03/2015 00:33	ALD
541-73-1	1,3-Dichlorobenzene	ND		ppbv	1.9	1.9	19.02	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 00:33	09/03/2015 00:33	ALD
142-28-9	* 1,3-Dichloropropane	ND		ppbv	1.9	1.9	19.02	EPA TO-15 Certifications:	09/03/2015 00:33	09/03/2015 00:33	ALD
106-46-7	1,4-Dichlorobenzene	ND		ppbv	1.9	1.9	19.02	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 00:33	09/03/2015 00:33	ALD
123-91-1	1,4-Dioxane	ND		ppbv	3.8	3.8	19.02	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 00:33	09/03/2015 00:33	ALD
78-93-3	2-Butanone	53		ppbv	1.9	1.9	19.02	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 00:33	09/03/2015 00:33	ALD



Sample Information

Client Sample ID: SV-1

York Sample ID: 15H0917-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0917

925 Atlantic Ave Brooklyn NY

Soil Vapor

August 26, 2015 3:00 pm

08/27/2015

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to		Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
					LOD/MDL	LOQ					
591-78-6	* 2-Hexanone	ND		ppbv	3.8	3.8	19.02	EPA TO-15 Certifications:	09/03/2015 00:33	09/03/2015 00:33	ALD
107-05-1	* 3-Chloropropene	ND		ppbv	9.5	9.5	19.02	EPA TO-15 Certifications:	09/03/2015 00:33	09/03/2015 00:33	ALD
108-10-1	4-Methyl-2-pentanone	ND		ppbv	1.9	1.9	19.02	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 00:33	09/03/2015 00:33	ALD
67-64-1	Acetone	120		ppbv	3.8	3.8	19.02	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 00:33	09/03/2015 00:33	ALD
107-13-1	* Acrylonitrile	ND		ppbv	1.9	1.9	19.02	EPA TO-15 Certifications:	09/03/2015 00:33	09/03/2015 00:33	ALD
71-43-2	Benzene	4.8		ppbv	1.9	1.9	19.02	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 00:33	09/03/2015 00:33	ALD
100-44-7	Benzyl chloride	ND		ppbv	1.9	1.9	19.02	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 00:33	09/03/2015 00:33	ALD
75-27-4	Bromodichloromethane	ND		ppbv	1.9	1.9	19.02	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 00:33	09/03/2015 00:33	ALD
75-25-2	Bromoform	ND		ppbv	1.9	1.9	19.02	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 00:33	09/03/2015 00:33	ALD
74-83-9	Bromomethane	ND		ppbv	1.9	1.9	19.02	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 00:33	09/03/2015 00:33	ALD
75-15-0	Carbon disulfide	5.5		ppbv	1.9	1.9	19.02	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 00:33	09/03/2015 00:33	ALD
56-23-5	Carbon tetrachloride	ND		ppbv	0.48	0.48	19.02	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 00:33	09/03/2015 00:33	ALD
108-90-7	Chlorobenzene	ND		ppbv	1.9	1.9	19.02	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 00:33	09/03/2015 00:33	ALD
75-00-3	Chloroethane	ND		ppbv	1.9	1.9	19.02	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 00:33	09/03/2015 00:33	ALD
67-66-3	Chloroform	ND		ppbv	1.9	1.9	19.02	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 00:33	09/03/2015 00:33	ALD
74-87-3	Chloromethane	ND		ppbv	1.9	1.9	19.02	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 00:33	09/03/2015 00:33	ALD
156-59-2	cis-1,2-Dichloroethylene	ND		ppbv	1.9	1.9	19.02	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 00:33	09/03/2015 00:33	ALD
10061-01-5	cis-1,3-Dichloropropylene	ND		ppbv	1.9	1.9	19.02	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 00:33	09/03/2015 00:33	ALD
110-82-7	Cyclohexane	4.4		ppbv	1.9	1.9	19.02	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 00:33	09/03/2015 00:33	ALD
124-48-1	Dibromochloromethane	ND		ppbv	1.9	1.9	19.02	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 00:33	09/03/2015 00:33	ALD
75-71-8	Dichlorodifluoromethane	ND		ppbv	1.9	1.9	19.02	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 00:33	09/03/2015 00:33	ALD
141-78-6	* Ethyl acetate	ND		ppbv	3.8	3.8	19.02	EPA TO-15 Certifications:	09/03/2015 00:33	09/03/2015 00:33	ALD



Sample Information

Client Sample ID: SV-1

York Sample ID: 15H0917-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0917

925 Atlantic Ave Brooklyn NY

Soil Vapor

August 26, 2015 3:00 pm

08/27/2015

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to		Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
					LOD/MDL	LOQ					
100-41-4	Ethyl Benzene	12		ppbv	1.9	1.9	19.02	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 00:33	09/03/2015 00:33	ALD
87-68-3	Hexachlorobutadiene	ND		ppbv	1.9	1.9	19.02	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 00:33	09/03/2015 00:33	ALD
67-63-0	Isopropanol	3.8		ppbv	3.8	3.8	19.02	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 00:33	09/03/2015 00:33	ALD
80-62-6	Methyl Methacrylate	ND		ppbv	1.9	1.9	19.02	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 00:33	09/03/2015 00:33	ALD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ppbv	1.9	1.9	19.02	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 00:33	09/03/2015 00:33	ALD
75-09-2	Methylene chloride	ND		ppbv	3.8	3.8	19.02	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 00:33	09/03/2015 00:33	ALD
142-82-5	n-Heptane	5.7		ppbv	1.9	1.9	19.02	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 00:33	09/03/2015 00:33	ALD
110-54-3	n-Hexane	7.4		ppbv	1.9	1.9	19.02	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 00:33	09/03/2015 00:33	ALD
95-47-6	o-Xylene	15		ppbv	1.9	1.9	19.02	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 00:33	09/03/2015 00:33	ALD
179601-23-1	p- & m- Xylenes	37		ppbv	3.8	3.8	19.02	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 00:33	09/03/2015 00:33	ALD
622-96-8	* p-Ethyltoluene	8.7		ppbv	1.9	1.9	19.02	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 00:33	09/03/2015 00:33	ALD
115-07-1	* Propylene	ND		ppbv	1.9	1.9	19.02	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 00:33	09/03/2015 00:33	ALD
100-42-5	Styrene	ND		ppbv	1.9	1.9	19.02	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 00:33	09/03/2015 00:33	ALD
127-18-4	Tetrachloroethylene	99		ppbv	0.48	0.48	19.02	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 00:33	09/03/2015 00:33	ALD
109-99-9	* Tetrahydrofuran	88		ppbv	3.8	3.8	19.02	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 00:33	09/03/2015 00:33	ALD
108-88-3	Toluene	56		ppbv	1.9	1.9	19.02	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 00:33	09/03/2015 00:33	ALD
156-60-5	trans-1,2-Dichloroethylene	ND		ppbv	1.9	1.9	19.02	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 00:33	09/03/2015 00:33	ALD
10061-02-6	trans-1,3-Dichloropropylene	ND		ppbv	1.9	1.9	19.02	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 00:33	09/03/2015 00:33	ALD
79-01-6	Trichloroethylene	3.4		ppbv	0.48	0.48	19.02	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 00:33	09/03/2015 00:33	ALD
75-69-4	Trichlorofluoromethane (Freon 11)	2.3		ppbv	1.9	1.9	19.02	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 00:33	09/03/2015 00:33	ALD
108-05-4	Vinyl acetate	ND		ppbv	1.9	1.9	19.02	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 00:33	09/03/2015 00:33	ALD
593-60-2	Vinyl bromide	ND		ppbv	1.9	1.9	19.02	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 00:33	09/03/2015 00:33	ALD
75-01-4	Vinyl Chloride	ND		ppbv	1.9	1.9	19.02	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 00:33	09/03/2015 00:33	ALD



Sample Information

Client Sample ID: SV-1

York Sample ID: 15H0917-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0917

925 Atlantic Ave Brooklyn NY

Soil Vapor

August 26, 2015 3:00 pm

08/27/2015

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
Surrogate Recoveries		Result	Acceptance Range								
460-00-4	Surrogate: p-Bromofluorobenzene	94.2 %			72-118						

Sample Information

Client Sample ID: SV-2

York Sample ID: 15H0917-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0917

925 Atlantic Ave Brooklyn NY

Soil Vapor

August 26, 2015 3:00 pm

08/27/2015

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
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ppbv	2.0	2.0	20.16	EPA TO-15 Certifications:	09/03/2015 01:23	09/03/2015 01:23	ALD
71-55-6	1,1,1-Trichloroethane	ND		ppbv	2.0	2.0	20.16	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 01:23	09/03/2015 01:23	ALD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ppbv	2.0	2.0	20.16	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 01:23	09/03/2015 01:23	ALD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ppbv	2.0	2.0	20.16	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 01:23	09/03/2015 01:23	ALD
79-00-5	1,1,2-Trichloroethane	ND		ppbv	2.0	2.0	20.16	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 01:23	09/03/2015 01:23	ALD
75-34-3	1,1-Dichloroethane	ND		ppbv	2.0	2.0	20.16	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 01:23	09/03/2015 01:23	ALD
75-35-4	1,1-Dichloroethylene	ND		ppbv	2.0	2.0	20.16	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 01:23	09/03/2015 01:23	ALD
120-82-1	1,2,4-Trichlorobenzene	ND		ppbv	2.0	2.0	20.16	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 01:23	09/03/2015 01:23	ALD
95-63-6	1,2,4-Trimethylbenzene	5.0		ppbv	2.0	2.0	20.16	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 01:23	09/03/2015 01:23	ALD
106-93-4	1,2-Dibromoethane	ND		ppbv	2.0	2.0	20.16	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 01:23	09/03/2015 01:23	ALD
95-50-1	1,2-Dichlorobenzene	ND		ppbv	2.0	2.0	20.16	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 01:23	09/03/2015 01:23	ALD
107-06-2	1,2-Dichloroethane	ND		ppbv	2.0	2.0	20.16	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 01:23	09/03/2015 01:23	ALD
78-87-5	1,2-Dichloropropane	ND		ppbv	2.0	2.0	20.16	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 01:23	09/03/2015 01:23	ALD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ppbv	2.0	2.0	20.16	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 01:23	09/03/2015 01:23	ALD



Sample Information

Client Sample ID: SV-2

York Sample ID: 15H0917-02

York Project (SDG) No.

Client Project ID

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925 Atlantic Ave Brooklyn NY

Soil Vapor

August 26, 2015 3:00 pm

08/27/2015

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
108-67-8	1,3,5-Trimethylbenzene	ND		ppbv	2.0	2.0	20.16	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 01:23	09/03/2015 01:23	ALD
106-99-0	1,3-Butadiene	ND		ppbv	6.0	6.0	20.16	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 01:23	09/03/2015 01:23	ALD
541-73-1	1,3-Dichlorobenzene	ND		ppbv	2.0	2.0	20.16	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 01:23	09/03/2015 01:23	ALD
142-28-9	* 1,3-Dichloropropane	ND		ppbv	2.0	2.0	20.16	EPA TO-15 Certifications:	09/03/2015 01:23	09/03/2015 01:23	ALD
106-46-7	1,4-Dichlorobenzene	ND		ppbv	2.0	2.0	20.16	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 01:23	09/03/2015 01:23	ALD
123-91-1	1,4-Dioxane	ND		ppbv	4.0	4.0	20.16	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 01:23	09/03/2015 01:23	ALD
78-93-3	2-Butanone	12		ppbv	2.0	2.0	20.16	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 01:23	09/03/2015 01:23	ALD
591-78-6	* 2-Hexanone	ND		ppbv	4.0	4.0	20.16	EPA TO-15 Certifications:	09/03/2015 01:23	09/03/2015 01:23	ALD
107-05-1	* 3-Chloropropene	ND		ppbv	10	10	20.16	EPA TO-15 Certifications:	09/03/2015 01:23	09/03/2015 01:23	ALD
108-10-1	4-Methyl-2-pentanone	ND		ppbv	2.0	2.0	20.16	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 01:23	09/03/2015 01:23	ALD
67-64-1	Acetone	110		ppbv	4.0	4.0	20.16	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 01:23	09/03/2015 01:23	ALD
107-13-1	* Acrylonitrile	ND		ppbv	2.0	2.0	20.16	EPA TO-15 Certifications:	09/03/2015 01:23	09/03/2015 01:23	ALD
71-43-2	Benzene	110		ppbv	2.0	2.0	20.16	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 01:23	09/03/2015 01:23	ALD
100-44-7	Benzyl chloride	ND		ppbv	2.0	2.0	20.16	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 01:23	09/03/2015 01:23	ALD
75-27-4	Bromodichloromethane	ND		ppbv	2.0	2.0	20.16	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 01:23	09/03/2015 01:23	ALD
75-25-2	Bromoform	ND		ppbv	2.0	2.0	20.16	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 01:23	09/03/2015 01:23	ALD
74-83-9	Bromomethane	ND		ppbv	2.0	2.0	20.16	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 01:23	09/03/2015 01:23	ALD
75-15-0	Carbon disulfide	4.4		ppbv	2.0	2.0	20.16	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 01:23	09/03/2015 01:23	ALD
56-23-5	Carbon tetrachloride	ND		ppbv	0.50	0.50	20.16	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 01:23	09/03/2015 01:23	ALD
108-90-7	Chlorobenzene	ND		ppbv	2.0	2.0	20.16	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 01:23	09/03/2015 01:23	ALD
75-00-3	Chloroethane	ND		ppbv	2.0	2.0	20.16	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 01:23	09/03/2015 01:23	ALD
67-66-3	Chloroform	ND		ppbv	2.0	2.0	20.16	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 01:23	09/03/2015 01:23	ALD



Sample Information

Client Sample ID: SV-2

York Sample ID: 15H0917-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0917

925 Atlantic Ave Brooklyn NY

Soil Vapor

August 26, 2015 3:00 pm

08/27/2015

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to		Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
					LOD/MDL	LOQ					
74-87-3	Chloromethane	ND		ppbv	2.0	2.0	20.16	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 01:23	09/03/2015 01:23	ALD
156-59-2	cis-1,2-Dichloroethylene	ND		ppbv	2.0	2.0	20.16	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 01:23	09/03/2015 01:23	ALD
10061-01-5	cis-1,3-Dichloropropylene	ND		ppbv	2.0	2.0	20.16	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 01:23	09/03/2015 01:23	ALD
110-82-7	Cyclohexane	ND		ppbv	2.0	2.0	20.16	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 01:23	09/03/2015 01:23	ALD
124-48-1	Dibromochloromethane	ND		ppbv	2.0	2.0	20.16	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 01:23	09/03/2015 01:23	ALD
75-71-8	Dichlorodifluoromethane	ND		ppbv	2.0	2.0	20.16	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 01:23	09/03/2015 01:23	ALD
141-78-6	* Ethyl acetate	ND		ppbv	4.0	4.0	20.16	EPA TO-15 Certifications:	09/03/2015 01:23	09/03/2015 01:23	ALD
100-41-4	Ethyl Benzene	11		ppbv	2.0	2.0	20.16	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 01:23	09/03/2015 01:23	ALD
87-68-3	Hexachlorobutadiene	ND		ppbv	2.0	2.0	20.16	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 01:23	09/03/2015 01:23	ALD
67-63-0	Isopropanol	ND		ppbv	4.0	4.0	20.16	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 01:23	09/03/2015 01:23	ALD
80-62-6	Methyl Methacrylate	ND		ppbv	2.0	2.0	20.16	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 01:23	09/03/2015 01:23	ALD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ppbv	2.0	2.0	20.16	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 01:23	09/03/2015 01:23	ALD
75-09-2	Methylene chloride	ND		ppbv	4.0	4.0	20.16	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 01:23	09/03/2015 01:23	ALD
142-82-5	n-Heptane	ND		ppbv	2.0	2.0	20.16	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 01:23	09/03/2015 01:23	ALD
110-54-3	n-Hexane	6.7		ppbv	2.0	2.0	20.16	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 01:23	09/03/2015 01:23	ALD
95-47-6	o-Xylene	8.1		ppbv	2.0	2.0	20.16	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 01:23	09/03/2015 01:23	ALD
179601-23-1	p- & m- Xylenes	17		ppbv	4.0	4.0	20.16	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 01:23	09/03/2015 01:23	ALD
622-96-8	* p-Ethyltoluene	3.0		ppbv	2.0	2.0	20.16	EPA TO-15 Certifications:	09/03/2015 01:23	09/03/2015 01:23	ALD
115-07-1	* Propylene	ND		ppbv	2.0	2.0	20.16	EPA TO-15 Certifications:	09/03/2015 01:23	09/03/2015 01:23	ALD
100-42-5	Styrene	ND		ppbv	2.0	2.0	20.16	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 01:23	09/03/2015 01:23	ALD
127-18-4	Tetrachloroethylene	19		ppbv	0.50	0.50	20.16	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 01:23	09/03/2015 01:23	ALD
109-99-9	* Tetrahydrofuran	ND		ppbv	4.0	4.0	20.16	EPA TO-15 Certifications:	09/03/2015 01:23	09/03/2015 01:23	ALD



Sample Information

Client Sample ID: SV-2

York Sample ID: 15H0917-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15H0917

925 Atlantic Ave Brooklyn NY

Soil Vapor

August 26, 2015 3:00 pm

08/27/2015

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	71		ppbv	2.0	2.0	20.16	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 01:23	09/03/2015 01:23	ALD
156-60-5	trans-1,2-Dichloroethylene	ND		ppbv	2.0	2.0	20.16	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 01:23	09/03/2015 01:23	ALD
10061-02-6	trans-1,3-Dichloropropylene	ND		ppbv	2.0	2.0	20.16	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 01:23	09/03/2015 01:23	ALD
79-01-6	Trichloroethylene	ND		ppbv	0.50	0.50	20.16	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 01:23	09/03/2015 01:23	ALD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ppbv	2.0	2.0	20.16	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 01:23	09/03/2015 01:23	ALD
108-05-4	Vinyl acetate	ND		ppbv	2.0	2.0	20.16	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 01:23	09/03/2015 01:23	ALD
593-60-2	Vinyl bromide	ND		ppbv	2.0	2.0	20.16	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 01:23	09/03/2015 01:23	ALD
75-01-4	Vinyl Chloride	ND		ppbv	2.0	2.0	20.16	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 01:23	09/03/2015 01:23	ALD
	Surrogate Recoveries	Result			Acceptance Range						
460-00-4	Surrogate: p-Bromofluorobenzene	93.6 %			72-118						

Sample Information

Client Sample ID: SV-3

York Sample ID: 15H0917-03

York Project (SDG) No.

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Matrix

Collection Date/Time

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15H0917

925 Atlantic Ave Brooklyn NY

Soil Vapor

August 26, 2015 3:00 pm

08/27/2015

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
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ppbv	0.18	0.18	1.8	EPA TO-15 Certifications:	09/03/2015 08:55	09/03/2015 08:55	ALD
71-55-6	1,1,1-Trichloroethane	ND		ppbv	0.18	0.18	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:55	09/03/2015 08:55	ALD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ppbv	0.18	0.18	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:55	09/03/2015 08:55	ALD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ppbv	0.18	0.18	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:55	09/03/2015 08:55	ALD
79-00-5	1,1,2-Trichloroethane	ND		ppbv	0.18	0.18	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:55	09/03/2015 08:55	ALD
75-34-3	1,1-Dichloroethane	ND		ppbv	0.18	0.18	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:55	09/03/2015 08:55	ALD



Sample Information

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Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to		Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
					LOD/MDL	LOQ					
75-35-4	1,1-Dichloroethylene	ND		ppbv	0.18	0.18	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:55	09/03/2015 08:55	ALD
120-82-1	1,2,4-Trichlorobenzene	ND		ppbv	0.18	0.18	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:55	09/03/2015 08:55	ALD
95-63-6	1,2,4-Trimethylbenzene	5.7		ppbv	0.18	0.18	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:55	09/03/2015 08:55	ALD
106-93-4	1,2-Dibromoethane	ND		ppbv	0.18	0.18	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:55	09/03/2015 08:55	ALD
95-50-1	1,2-Dichlorobenzene	ND		ppbv	0.18	0.18	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:55	09/03/2015 08:55	ALD
107-06-2	1,2-Dichloroethane	ND		ppbv	0.18	0.18	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:55	09/03/2015 08:55	ALD
78-87-5	1,2-Dichloropropane	ND		ppbv	0.18	0.18	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:55	09/03/2015 08:55	ALD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ppbv	0.18	0.18	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:55	09/03/2015 08:55	ALD
108-67-8	1,3,5-Trimethylbenzene	1.4		ppbv	0.18	0.18	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:55	09/03/2015 08:55	ALD
106-99-0	1,3-Butadiene	7.1		ppbv	0.54	0.54	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:55	09/03/2015 08:55	ALD
541-73-1	1,3-Dichlorobenzene	ND		ppbv	0.18	0.18	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:55	09/03/2015 08:55	ALD
142-28-9	* 1,3-Dichloropropane	ND		ppbv	0.18	0.18	1.8	EPA TO-15 Certifications:	09/03/2015 08:55	09/03/2015 08:55	ALD
106-46-7	1,4-Dichlorobenzene	ND		ppbv	0.18	0.18	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:55	09/03/2015 08:55	ALD
123-91-1	1,4-Dioxane	ND		ppbv	0.36	0.36	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:55	09/03/2015 08:55	ALD
78-93-3	2-Butanone	5.8		ppbv	0.18	0.18	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:55	09/03/2015 08:55	ALD
591-78-6	* 2-Hexanone	ND		ppbv	0.36	0.36	1.8	EPA TO-15 Certifications:	09/03/2015 08:55	09/03/2015 08:55	ALD
107-05-1	* 3-Chloropropene	ND		ppbv	0.90	0.90	1.8	EPA TO-15 Certifications:	09/03/2015 08:55	09/03/2015 08:55	ALD
108-10-1	4-Methyl-2-pentanone	1.6		ppbv	0.18	0.18	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:55	09/03/2015 08:55	ALD
67-64-1	Acetone	42		ppbv	0.36	0.36	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:55	09/03/2015 08:55	ALD
107-13-1	* Acrylonitrile	ND		ppbv	0.18	0.18	1.8	EPA TO-15 Certifications:	09/03/2015 08:55	09/03/2015 08:55	ALD
71-43-2	Benzene	1.6		ppbv	0.18	0.18	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:55	09/03/2015 08:55	ALD
100-44-7	Benzyl chloride	ND		ppbv	0.18	0.18	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:55	09/03/2015 08:55	ALD



Sample Information

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Soil Vapor

August 26, 2015 3:00 pm

08/27/2015

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
75-27-4	Bromodichloromethane	ND		ppbv	0.18	0.18	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:55	09/03/2015 08:55	ALD
75-25-2	Bromoform	ND		ppbv	0.18	0.18	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:55	09/03/2015 08:55	ALD
74-83-9	Bromomethane	ND		ppbv	0.18	0.18	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:55	09/03/2015 08:55	ALD
75-15-0	Carbon disulfide	1.2		ppbv	0.18	0.18	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:55	09/03/2015 08:55	ALD
56-23-5	Carbon tetrachloride	ND		ppbv	0.045	0.045	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:55	09/03/2015 08:55	ALD
108-90-7	Chlorobenzene	ND		ppbv	0.18	0.18	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:55	09/03/2015 08:55	ALD
75-00-3	Chloroethane	ND		ppbv	0.18	0.18	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:55	09/03/2015 08:55	ALD
67-66-3	Chloroform	0.29		ppbv	0.18	0.18	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:55	09/03/2015 08:55	ALD
74-87-3	Chloromethane	ND		ppbv	0.18	0.18	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:55	09/03/2015 08:55	ALD
156-59-2	cis-1,2-Dichloroethylene	ND		ppbv	0.18	0.18	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:55	09/03/2015 08:55	ALD
10061-01-5	cis-1,3-Dichloropropylene	ND		ppbv	0.18	0.18	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:55	09/03/2015 08:55	ALD
110-82-7	Cyclohexane	0.59		ppbv	0.18	0.18	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:55	09/03/2015 08:55	ALD
124-48-1	Dibromochloromethane	ND		ppbv	0.18	0.18	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:55	09/03/2015 08:55	ALD
75-71-8	Dichlorodifluoromethane	0.63		ppbv	0.18	0.18	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:55	09/03/2015 08:55	ALD
141-78-6	* Ethyl acetate	ND		ppbv	0.36	0.36	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:55	09/03/2015 08:55	ALD
100-41-4	Ethyl Benzene	1.2		ppbv	0.18	0.18	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:55	09/03/2015 08:55	ALD
87-68-3	Hexachlorobutadiene	ND		ppbv	0.18	0.18	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:55	09/03/2015 08:55	ALD
67-63-0	Isopropanol	1.8		ppbv	0.36	0.36	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:55	09/03/2015 08:55	ALD
80-62-6	Methyl Methacrylate	ND		ppbv	0.18	0.18	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:55	09/03/2015 08:55	ALD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ppbv	0.18	0.18	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:55	09/03/2015 08:55	ALD
75-09-2	Methylene chloride	0.56		ppbv	0.36	0.36	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:55	09/03/2015 08:55	ALD
142-82-5	n-Heptane	2.4		ppbv	0.18	0.18	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:55	09/03/2015 08:55	ALD
110-54-3	n-Hexane	3.9		ppbv	0.18	0.18	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/03/2015 08:55	09/03/2015 08:55	ALD



Sample Information

Client Sample ID: SV-3

York Sample ID: 15H0917-03

York Project (SDG) No.

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925 Atlantic Ave Brooklyn NY

Soil Vapor

August 26, 2015 3:00 pm

08/27/2015

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		Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
						LOQ						
95-47-6	o-Xylene	3.0		ppbv	0.18	0.18	1.8	EPA TO-15	09/03/2015 08:55	09/03/2015 08:55	ALD	
								Certifications:	NELAC-NY10854,NJDEP			
179601-23-1	p- & m- Xylenes	5.1		ppbv	0.36	0.36	1.8	EPA TO-15	09/03/2015 08:55	09/03/2015 08:55	ALD	
								Certifications:	NELAC-NY10854,NJDEP			
622-96-8	* p-Ethyltoluene	3.3		ppbv	0.18	0.18	1.8	EPA TO-15	09/03/2015 08:55	09/03/2015 08:55	ALD	
								Certifications:				
115-07-1	* Propylene	ND		ppbv	0.18	0.18	1.8	EPA TO-15	09/03/2015 08:55	09/03/2015 08:55	ALD	
								Certifications:				
100-42-5	Styrene	ND		ppbv	0.18	0.18	1.8	EPA TO-15	09/03/2015 08:55	09/03/2015 08:55	ALD	
								Certifications:	NELAC-NY10854,NJDEP			
127-18-4	Tetrachloroethylene	4.4		ppbv	0.045	0.045	1.8	EPA TO-15	09/03/2015 08:55	09/03/2015 08:55	ALD	
								Certifications:	NELAC-NY10854,NJDEP			
109-99-9	* Tetrahydrofuran	ND		ppbv	0.36	0.36	1.8	EPA TO-15	09/03/2015 08:55	09/03/2015 08:55	ALD	
								Certifications:				
108-88-3	Toluene	3.8		ppbv	0.18	0.18	1.8	EPA TO-15	09/03/2015 08:55	09/03/2015 08:55	ALD	
								Certifications:	NELAC-NY10854,NJDEP			
156-60-5	trans-1,2-Dichloroethylene	ND		ppbv	0.18	0.18	1.8	EPA TO-15	09/03/2015 08:55	09/03/2015 08:55	ALD	
								Certifications:	NELAC-NY10854,NJDEP			
10061-02-6	trans-1,3-Dichloropropylene	ND		ppbv	0.18	0.18	1.8	EPA TO-15	09/03/2015 08:55	09/03/2015 08:55	ALD	
								Certifications:	NELAC-NY10854,NJDEP			
79-01-6	Trichloroethylene	ND		ppbv	0.045	0.045	1.8	EPA TO-15	09/03/2015 08:55	09/03/2015 08:55	ALD	
								Certifications:	NELAC-NY10854,NJDEP			
75-69-4	Trichlorofluoromethane (Freon 11)	0.50		ppbv	0.18	0.18	1.8	EPA TO-15	09/03/2015 08:55	09/03/2015 08:55	ALD	
								Certifications:	NELAC-NY10854,NJDEP			
108-05-4	Vinyl acetate	ND		ppbv	0.18	0.18	1.8	EPA TO-15	09/03/2015 08:55	09/03/2015 08:55	ALD	
								Certifications:	NELAC-NY10854,NJDEP			
593-60-2	Vinyl bromide	ND		ppbv	0.18	0.18	1.8	EPA TO-15	09/03/2015 08:55	09/03/2015 08:55	ALD	
								Certifications:	NELAC-NY10854,NJDEP			
75-01-4	Vinyl Chloride	ND		ppbv	0.18	0.18	1.8	EPA TO-15	09/03/2015 08:55	09/03/2015 08:55	ALD	
								Certifications:	NELAC-NY10854,NJDEP			
	Surrogate Recoveries	Result			Acceptance Range							
460-00-4	<i>Surrogate: p-Bromofluorobenzene</i>	96.3 %			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.

*	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.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

