710 GRAND STREET

BROOKLYN, NEW YORK

Remedial Investigation Report

NYC VCP Site Number: TBD

NYC OER Project Number: 16EH-N340K

Prepared for:

Jaroah Inc.

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New York, NY 10013

Prepared by:

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May 2016

REMEDIAL INVESTIGATION REPORT

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LIST OF ACRONYMS

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

CERTIFICATION

I, Ezgi Karayel, 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 710 Grand Street, (OER Project 16EH-N340K, NYC VCP Site No. TBD). 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 contains all available environmental information and data regarding the property.

Qualified Environmental Professional Date Signature

EXECUTIVE SUMMARY

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

Site Location and Current Usage

Jaroah Inc. has applied to enroll in the New York City Voluntary Cleanup Program (NYC VCP) to investigate and remediate a 0.057-acre site located at 710 Grand Street in the Williamsburg section of Brooklyn, New York. Mixed-use, commercial and residential use is proposed for the property. The RI work was performed between May 10, 2016 and May 11, 2016. 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).

Summary of Proposed Redevelopment Plan

The proposed future use of the Site will consist of vertical extension of five (5) floors via the addition of stories on the existing 3-story building. The proposed building will contain the existing commercial retail space and residential apartments. The total gross square footage of the proposed building will be approximately 16,000 square feet and will include 650 square feet of commercial retail use. The remainder of the building other than the storefront will be residential and storage/utility/ mechanical space. The cellar will be utilized for utility and meter room use. The first floor will be partially used for commercial retail with residential lobby. The remaining seven (7) floors will be utilized as residential apartments.

Minimal excavation for an elevator pit and footings will be performed. Preliminary drawings indicate that the elevator pit will require excavation to approximately 6.5 feet below the basement slab. Approximately 65 feet of the Site will be excavated to a depth of around 30 inches (from the Grand Street side towards the back). The water table is expected to be at approximately 30-40 below grade surface (bgs) based on nearby monitoring well data.

Layout of the proposed site development is presented in Figure 3. The current zoning designation is C4-4A denoting it as a commercial property outside the main commercial district with residential potential. The proposed use is consistent with existing zoning for the property.

Summary of Past Uses of Site and Areas of Concern

Past use of the property has been mixed-use with commercial and residential tenants since the year 1905. The current on-Site building was constructed in 1920 and has consisted of commercial and residential tenants.

No AOCs were identified for this site during the RI

Summary of the Work Performed under the Remedial Investigation

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Performed a Ground Penetrating Radar (GPR) survey prior to the RI;
3. Installed three (3) soil borings across the Site, and collected six (6) soil samples for chemical analysis from the soil borings to evaluate soil quality;
4. Installed three (3) soil vapor probes across the Site and collected three (3) soil vapor samples for chemical analysis.
5. Groundwater samples were not collected during this RI due to Site conditions. In order to complete the RI, one (1) groundwater monitoring well was installed at the Site during installation of the geotechnical boring. See Appendix H for the RIR Addendum that describes the groundwater results.

Summary of Environmental Findings

1. Elevation of the property is approximately 38 feet above mean sea level.
2. Depth to groundwater is expected between 30-40 feet at the Site.
3. Groundwater flow is expected from southwest to northeast beneath the Site.
4. Bedrock was not encountered during this RI.

5. The stratigraphy of the Site, from the surface down, consists of 2 feet of brown to tan fine sand with clay/silt underlain by 3 feet of pebbles with a fine sand matrix. The soil encountered was universally dry at all soil borings.

6. Soil samples collected during this RI were compared to 6NYCRR Part 375-6.8 Track 1 Unrestricted Soil Cleanup Objectives (SCOs) and Track 2 Restricted Residential Use SCOs. Only two (2) VOCs; toluene and acetone, were detected in the soil samples above their method detection limits (MDLs) but well below their respective Unrestricted Use SCOs. It should also be noted that acetone is a common laboratory contaminant. Several SVOCs, mainly consisting of polycyclic aromatic hydrocarbons (PAHs), were detected in soil samples above their respective MDLs; however none of them were above their respective Unrestricted Use SCOs. Only one (1) pesticide; endrin aldehyde, was detected in one of the soil samples; however it does not have a defined cleanup objective. No PCBs were detected in any of the soil samples. Several metals were detected above their respective MDLs; however none of them were detected above their respective Unrestricted Use SCOs.

7. Groundwater samples were not collected during this RI due to Site conditions. In order to complete the RI, one (1) groundwater monitoring well was installed at the Site during installation of the geotechnical boring. See Appendix H for the RIR Addendum that describes the groundwater results.

8. Soil vapor samples collected during the RI were compared to the compounds listed in Table 3.1 Air Guideline Values Derived by the NYSDOH located in the New York State Department of Health (NYSDOH) Final Guidance for Evaluating Soil Vapor Intrusion dated October 2006. Soil vapor results detected elevated levels of petroleum compounds, including total BTEX ranging from a minimum concentration of 519 $\mu g/m^3$ (SV-1) to a maximum concentration of 845 $\mu g/m^3$ (SV-3). Benzene was detected at a maximum concentration of 39 $\mu g/m^3$ (SV-1). 1,1,1-trichloroethane, carbon tetrachloride, and trichloroethylene (TCE) were not detected in any of the soil vapor samples. Tetrachloroethylene (PCE) was detected in two of the soil vapor samples with one sample (SV-1) detected at a concentration of 180 $\mu g/m^3$.Using the soil vapor concentration as a reference for a potential sub-slab soil vapor concentration, monitoring or mitigation may be required per the 2006 NYS DOH guidance. Since petroleum related

VOCs were not identified in any of the soil samples, the source of the elevated VOCs concentration in soil vapor is most likely an off-site source.

REMEDIAL INVESTIGATION REPORT

1.0 SITE BACKGROUND

Jaroah Inc. has applied to enroll in the New York City Voluntary Cleanup Program (NYC VCP) to investigate and remediate a 0.057-acre site located at 710 Grand Street in the Williamsburg section of Brooklyn, New York. Mixed commercial and residential use is proposed for the property. The RI work was performed between May 10, 2016 and May 11, 2016. This RIR summarizes the nature and extent of contamination and provides sufficient information for establishment of remedial action objectives, evaluation of remedial action alternatives, and selection of a remedy that is protective of human health and the environment consistent with the use of the property pursuant to RCNY§ 43-1407(f).

1.1 Site Location and Current Usage

The Site is located at 710 Grand Street in the Williamsburg section in Brooklyn, New York and is identified as Block 2788 and Lot 19 on the New York City Tax Map. Figure 1 shows the Site location. The Site is 2,500-square feet and is bounded by Grand Street to the north, 159 Maujer Street to the south, 714 Grand Street to the east, and 706 Grand Street to the west. A map of the site boundary is shown in Figure 2. Currently, the Site is used for ground-level commercial space and contains vacant upper floors (2nd and 3rd floors) and basement containing a boiler room and utilities.

1.2 Proposed Redevelopment Plan

The proposed future use of the Site will consist of vertical extension of five (5) stories via the addition of stories on the existing 3-story building. The proposed building will contain the existing commercial retail space and residential apartments. The total gross square footage of the proposed building will be approximately 16,000 square feet and will include 650 square feet commercial retail use. The remainder of the building other than the storefront will be residential and storage/utility/ mechanical space. The cellar will be utilized for utility and meter room use. The first floor will be partially used for commercial retail with residential lobby. The remaining seven (7) floors will be utilized as residential apartments.

Minimal excavation for an elevator pit and footings will be performed. Preliminary drawings indicate that the elevator pit will require excavation to approximately 6.5 feet below the

basement slab. Approximately 65 feet of the Site will be excavated approximately 30 inches (from the Grand Street side towards the back). The water table is expected to be at approximately 30-40 below grade surface (bgs) based on nearby monitoring well data.

Layout of the proposed site development is presented in Figure 3. The current zoning designation is zoned as C4-4A denoting it as a commercial property outside the main commercial district with residential potential. The proposed use is consistent with existing zoning for the property.

1.3 Description of Surrounding Property

The Site is located within a primarily mixed-use, residential and commercial area of Brooklyn, New York. The Site is bounded by a 3-story residential and commercial building to the east, 4-story residential and commercial building to the west, 3-story residential building to the south, and a 3-story residential and commercial building to the north, across Grand Street.

According to the OER Searchable Property Environmental E-Database (SPEED), there is one sensitive receptor (such as schools, hospitals and day-care facilities) within a 500-foot radius of the Site. The receptor is JHS 049, William J. Gaynor Junior High School located approximately 430 feet south of the Site at 223 Graham Ave, Brooklyn, NY 11211.

Figure 2 shows the surrounding land usage.

2.0 SITE HISTORY

2.1 Past Uses and Ownership

Past use of the property has been mixed-use with commercial and residential tenants since the year 1905. The current on-Site building was constructed in 1920 and has consisted of commercial and residential tenants.

2.2 Previous Investigations

A Phase I ESA dated March 2016 was performed by Merritt Environmental Consulting Corp. The Phase I identified no environmental concerns for the Site other than its E-Designation listing for hazardous materials and noise. The Phase I ESA was previously submitted to OER.

2.3 Site Inspection

Mr. Curtis Breuer of Athenica performed a Site inspection on May 10, 2016. The Site reconnaissance consisted of observing conditions throughout the accessible areas of the Site and around the perimeter of the Site. At the date of the inspection, the Site consisted of ground-floor retail space with warehousing of merchandise in the basement where the RI was performed.

2.4 Areas of Concern

No AOCs were identified for this site during the RI based on available historical information and site inspection.

Phase I Report is presented in Appendix A.

3.0 PROJECT MANAGEMENT

3.1 Project Organization

The Qualified Environmental Profession (QEP) responsible for preparation of this RIR is Ezgi Karayel.

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

Athenica Environmental Services, Inc. (Athenica) performed the following scope of work on behalf of Jaroah Inc.:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Performed a Ground Penetrating Radar (GPR) survey prior to the RI;
3. Installed three (3) soil borings across the entire project Site, and collected six (6) soil samples for chemical analysis from the soil borings to evaluate soil quality;
4. Installed three (3) soil vapor probes across the Site perimeter and collected three (3) samples for chemical analysis.
5. Groundwater samples were not collected during this RI due to Site conditions. In order to complete the RI, one (1) groundwater monitoring well was installed at the Site during installation of the geotechnical boring. See Appendix H for the RIR Addendum that describes the groundwater results.

Photographs of the remedial investigation are provided in Appendix B.

4.1 Geophysical Investigation

Athenica contracted Ground Penetrating Radar Systems (GPRS) to conduct a geophysical survey across the Site on May 10, 2016. The purpose of the ground penetrating radar (GPR) was to determine if any anomalies were present at the Site and to clear all sampling locations of any potential subsurface obstructions. GPRS utilized a Geophysical Survey Systems Inc. (GSSI) SIR-3000 radar unit with a GSSI 1600 MHz antennae along transects approximately two feet apart. The survey was performed in all accessible portions of the Site. The geophysical survey did not identify any anomalies indicative of an underground storage tank (UST) at the Site. A copy of the geophysical survey report describing the methodologies and findings is included in Appendix C.

4.2 Borings and Monitoring Wells

Drilling and Soil Logging

Athenica contracted Zebra Technical Services, LLC to install a total of three (3) soil borings across the Site. The borings were designated as SB-1 through SB-3 and were installed to 4.5 and 5 feet below the existing basement slab. The soil borings were installed utilizing hand operated soil augers and where necessary, a hand-operated, slide hammer coring device.

From each of the soil borings, soil samples were collected from the zero to 2 feet interval and a second sample collected from the 3-5 feet interval (below the existing basement slab). Soil samples were continuously collected from grade to the boring termination depth and screened for evidence of contamination utilizing field observations (odor and/or staining) and a photoionization detector (PID). A PID makes use of the principle of photoionization for the detection and qualitative measurement of organic vapors. A PID does not respond to all compounds similarly, rather, each compound has its own response factor relative to its calibration. For this investigation, the PID was calibrated to the compound isobutylene, as published by the manufacturer. No staining, odors or elevated PID readings were observed in any of the borings.

Boring logs were prepared by a geologist are attached in Appendix D. A map showing the location of soil borings is shown in Figure 4.

Groundwater Monitoring Well Construction

Groundwater samples were not collected during this RI due to Site conditions. In order to complete the RI, one (1) groundwater monitoring well was installed at the Site during installation of the geotechnical boring. See Appendix H for the RIR Addendum that describes the groundwater results.

Survey

The locations of soil borings and soil vapor locations were field measured.

Water Level Measurement

Since no groundwater monitoring wells were installed, depth to groundwater beneath the Site could not be measured. However based on the nearby monitoring wells located approximately 610 feet to the east of the Site, depth to groundwater is approximately 30-40 feet beneath the Site.

4.3 Sample Collection and Chemical Analysis

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

Soil Sampling

A total of six (6) soil samples were collected for chemical analysis during this RI. Three (3) shallow samples from zero to 2 feet interval and three (3) deeper samples from 3 to 5 feet interval below the existing basement slab were collected from the soil borings. Data on soil sample collection for chemical analyses, including dates of collection and sample depths, is reported in Tables 1 through 4. Figure 4 shows the location of samples collected in this investigation. Laboratories and analytical methods are shown below. Soil samples were collected in pre-cleaned, laboratory supplied glassware, stored in a chilled cooler (4º C) and submitted for analysis. Soil samples were analyzed at New York State Department of Health ELAP-certified laboratories. All soil samples were analyzed for the presence of volatile organic compounds (VOCs) by EPA Method 8260, semi-volatile organic compounds (SVOCs) by EPA Method 8270, pesticides/PCBs by EPA Methods 8081/8082, and target analyte list (TAL) metals as well as trivalent and hexavalent chromium. All samples were transmitted under proper chain of custody procedures to York Analytical Laboratories, a State-certified (ELAP) laboratory for confirmatory laboratory analyses.

Groundwater Sampling

Groundwater samples were not collected during this RI due to Site conditions. In order to complete the RI, one (1) groundwater monitoring well was installed at the Site during installation of the geotechnical boring. See Appendix H for the RIR Addendum that describes the groundwater results.

Soil Vapor Sampling

A total of three (3) soil vapor samples were collected for chemical analysis during this RI. The soil vapor probes were installed to five feet below existing basement slab. Soil vapor sampling locations are shown in Figure 4. Soil vapor sample collection data is reported in Table 5. Soil vapor sampling logs are included in Appendix E. Methodologies used for soil vapor assessment conform to the *NYS DOH Final Guidance on Soil Vapor Intrusion, October 2006.*

The soil vapor probes were connected to ¼-inch outer diameter inert Teflon-lined polyethylene tubing which extended above ground surface to allow for purging and sampling. Approximately 24 hours following the installation, approximately three volumes of air was purged from each vapor probe at a flow rate less than 200 milliliters per minute, and a representative vapor sample was collected over an approximately four-hour period for laboratory analysis utilizing a 6-liter pre-cleaned SUMMA canisters. After vapor sampling, each SUMMA canister was labeled and sent to a laboratory certified to perform air analysis in New York State and analyzed for VOCs via EPA TO-15.

Chemical Analysis

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

Factor	Description
Quality Assurance Officer	The chemical analytical quality assurance is directed by Ezgi Karayel
Chemical Analytical Laboratory	Chemical analytical laboratory(s) used in the RI is NYS ELAP certified and was York Analytical Laboratories
Chemical Analytical Methods	Soil analytical methods: • TAL Metals by EPA Method 6010C (rev. 2007); • VOCs by EPA Method 8260C (rev. 2006); • SVOCs by EPA Method 8270D (rev. 2007); • Pesticides by EPA Method 8081B (rev. 2000);

	• PCBs by EPA Method 8082A (rev. 2000); Soil vapor analytical methods: • VOCs by TO-15 VOC parameters.

Results of Chemical Analyses

Laboratory data for soil and soil vapor are summarized in Tables 1 through 5, respectively. Laboratory data deliverables for all samples evaluated in this RIR are provided in digital form in Appendix F and G.

5.0 ENVIRONMENTAL EVALUATION

5.1 Geological and Hydrogeological Conditions

Stratigraphy

The stratigraphy of the Site, from the surface down, consists of 2 feet of brown to tan fine sand with clay/silt underlain by 3 feet of pebbles with a fine sand matrix. The soil encountered was universally dry at all soil borings.

Hydrogeology

Groundwater was not encountered during the installation of soil borings at the Site. Presumed groundwater flow at the Site is towards the northeast. The estimated groundwater depth at the Site is approximately 30-40 feet bgs.

5.2 Soil Chemistry

Soil samples collected during this RI were compared to 6NYCRR Part 375-6.8 Track 1 Unrestricted Soil Cleanup Objectives (SCOs) and Track 2 Restricted Residential Use SCOs. Only two (2) VOCs; toluene and acetone, were detected in the soil samples above their method detection limits (MDLs) but well below their respective Unrestricted Use SCOs. It should also be noted that acetone is a common laboratory contaminant. Several SVOCs, mainly consisting of polycyclic aromatic hydrocarbons (PAHs), were detected in soil samples above their respective MDLs; however none of them were above their respective Unrestricted Use SCOs. Only one (1) pesticide; endrin aldehyde, was detected in one of the soil samples; however it does not have a defined cleanup objective. No PCBs were detected in any of the soil samples. Several metals were detected above their respective MDLs; however none of them were detected above their respective Unrestricted Use SCOs.

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 1 through 4.

5.3 Groundwater Chemistry

Groundwater samples were not collected during this RI due to Site conditions. In order to complete the RI, one (1) groundwater monitoring well was installed at the Site during installation of the geotechnical boring. See Appendix H for the RIR Addendum that describes the groundwater results.

5.4 Soil Vapor Chemistry

Soil vapor samples collected during the RI were compared to the compounds listed in Table 3.1 Air Guideline Values Derived by the NYSDOH located in the New York State Department of Health (NYSDOH) Final Guidance for Evaluating Soil Vapor Intrusion dated October 2006. Soil vapor results detected elevated levels of petroleum compounds, including total BTEX ranging from a minimum concentration of 519 µg/m3 (SV-1) to a maximum concentration of 845 µg/m3 (SV-3). Benzene was detected at a maximum concentration of 39 µg/m3 (SV-1). 1,1,1-trichloroethane, carbon tetrachloride, and trichloroethylene (TCE) were not detected in any of the soil vapor samples. Tetrachloroethylene (PCE) was detected in two of the soil vapor samples with one sample (SV-1) detected at a concentration of 180 µg/m3.Using the soil vapor concentration as a reference for a potential sub-slab soil vapor concentration, monitoring or mitigation may be required per the 2006 NYS DOH guidance. Since petroleum related VOCs were not identified in any of the soil samples, the source of the elevated VOCs concentration in soil vapor is most likely an off-site source.

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 5. Figure 6 shows the location and posts the values for soil vapor samples with detected concentrations.

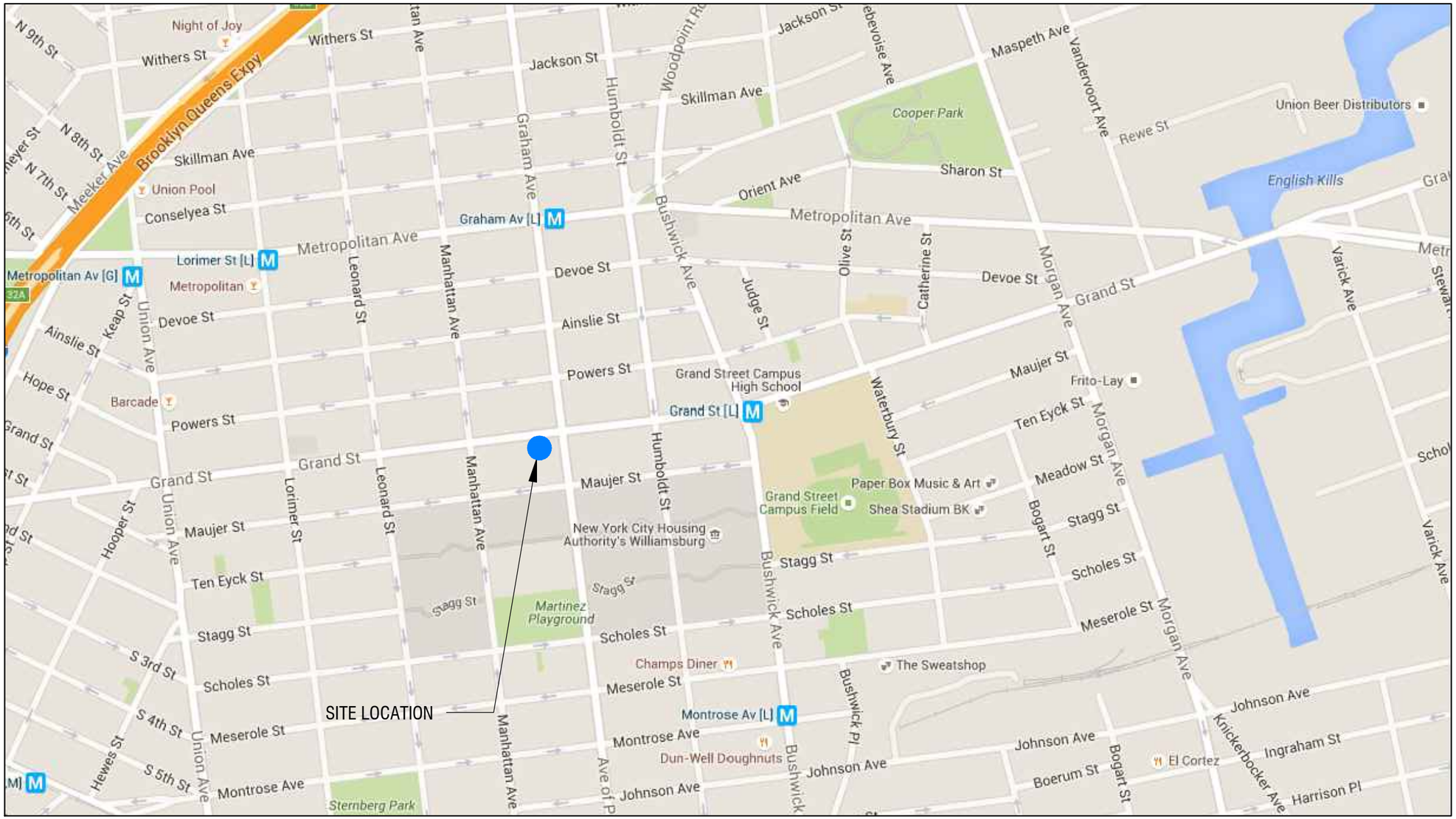
5.5 Prior Activity

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

5.6 Impediments to Remedial Action

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

FIGURES



Legend:

SITE LOCATION

ATHENICA ENVIRONMENTAL SERVICES, INC,
Environmental Consultants

Date:	MAY 23, 2016	Site map:	710 GRAND STREET BROOKLYN, NY 11211
Drawn by:	ANASTASIA KAKOURI		
Checked by:	CURTIS BREUER		
Drawing Scale:	NOT TO SCALE	Figure:	1
Project No.:	16-133-0553	Title:	SITE LOCATION MAP

N
W E
S

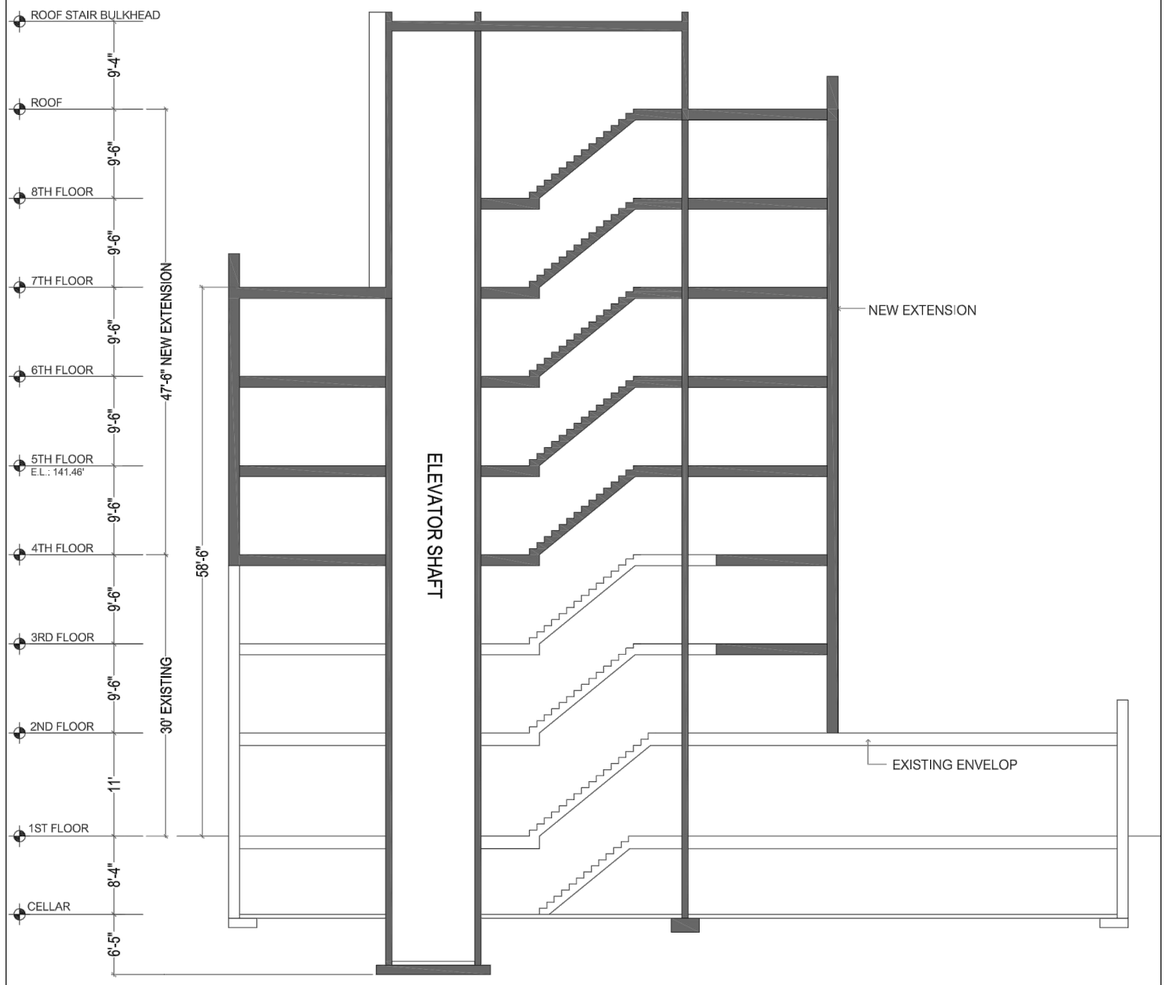
ATHENICA ENVIRONMENTAL SERVICES, INC,
Environmental Consultants

Date:	MAY 23, 2016
Drawn by:	ANASTASIA KAKOURI
Checked by:	CURTIS BREUER
Drawing Scale:	NOT TO SCALE
Project No.:	16-133-0553

Site map: 710 GRAND STREET, BROOKLYN, NY 11211

Figure: 2

Title: REMEDIAL INVESTIGATION REPORT SITE BOUNDARY MAP

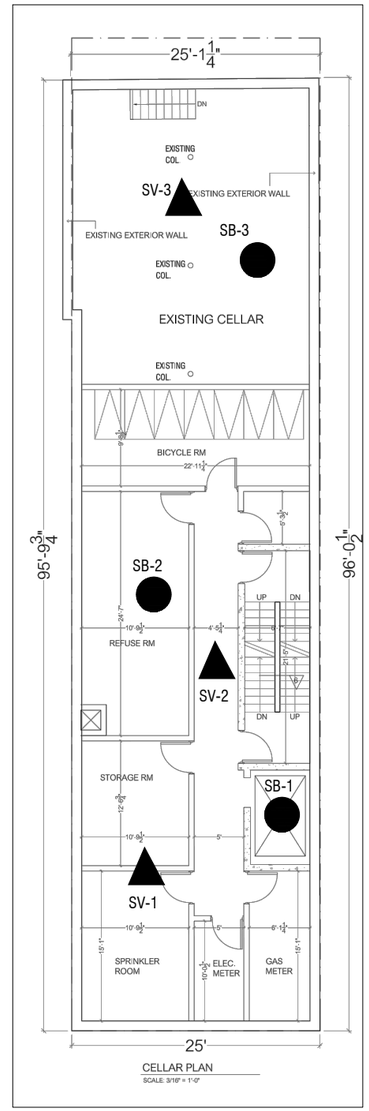


SECTION

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

ATHENICA ENVIRONMENTAL SERVICES, INC,
Environmental Consultants

Site map:	710 GRAND STREET, BROOKLYN, NY 11211
Figure:	3
Title:	REMEDIAL INVESTIGATION REPORT PROPOSED SITE DEVELOPMENT
Date:	MAY 23, 2016
Drawn by:	ANASTASIA KAKOURI
Checked by:	CURTIS BREUER
Drawing Scale:	N.T.S.
Project No.:	16-133-0533



CELLAR PLAN

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

GRAND STREET

Legend:

SOIL VAPOR LOCATION

SOIL BORING LOCATION

Bar Scale:

NOT TO SCALE

ATHENICA ENVIRONMENTAL SERVICES, INC,
Environmental Consultants

Date:	MAY 23, 2016	Site map:	710 GRAND STREET BROOKLYN, NY 11211
Drawn by:	ANASTASIA KAKOURI		
Checked by:	CURTIS BREUER		
Drawing Scale:	AS NOTED	Figure:	4
Project No.:	16-133-0533	Title:	SAMPLING LOCATIONS

Legend:

- SITE
- X.X' CONTOUR INTERVAL
- CONTOUR LINE
- MONITORING WELL

Bar Scale:

NOT TO SCALE

ATHENICA ENVIRONMENTAL SERVICES, INC.
Environmental Consultants

Date:	MAY 23, 2016
Drawn by:	MAYA ZUNG
Checked by:	CURTIS BREUER
Drawing Scale:	AS NOTED
Project No.:	16-133-0533

Site map: 710 GRAND STREET
BROOKLYN, NY 11211

Figure: 5
Title: GROUNDWATER CONTOUR MAP

TABLES

Table 1
VOCs in Soil
710 Grand Street, Brooklyn, NY 11211

Sample ID Sample Depth Sampling Date Sample Matrix Dilution Factor Unit of Measure	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	SB-1 (0-2') 5/10/2016 Soil 1 mg/Kg		SB-1 (3-5') 5/10/2016 Soil 1 mg/Kg		SB-2 (0-2') 5/10/2016 Soil 1 mg/Kg		SB-2 (3-5') 5/10/2016 Soil 1 mg/Kg		SB-3 (0-2') 5/10/2016 Soil 1 mg/Kg		SB-3 (3-5') 5/10/2016 Soil 1 mg/Kg	
1,1,1,2-Tetrachloroethane	NC	NC	0.0022	ND	0.0023	ND	0.0024	ND	0.0021	ND	0.0023	ND	0.0021	ND
1,1,1-Trichloroethane	0.68	100	0.0022	ND	0.0023	ND	0.0024	ND	0.0021	ND	0.0023	ND	0.0021	ND
1,1,2,2-Tetrachloroethane	NC	NC	0.0022	ND	0.0023	ND	0.0024	ND	0.0021	ND	0.0023	ND	0.0021	ND
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NC	NC	0.0022	ND	0.0023	ND	0.0024	ND	0.0021	ND	0.0023	ND	0.0021	ND
1,1,2-Trichloroethane	NC	NC	0.0022	ND	0.0023	ND	0.0024	ND	0.0021	ND	0.0023	ND	0.0021	ND
1,1-Dichloroethane	0.27	26	0.0022	ND	0.0023	ND	0.0024	ND	0.0021	ND	0.0023	ND	0.0021	ND
1,1-Dichloroethylene	0.33	100	0.0022	ND	0.0023	ND	0.0024	ND	0.0021	ND	0.0023	ND	0.0021	ND
1,2,3-Trichlorobenzene	NC	NC	0.0022	ND	0.0023	ND	0.0024	ND	0.0021	ND	0.0023	ND	0.0021	ND
1,2,3-Trichloropropane	NC	NC	0.0022	ND	0.0023	ND	0.0024	ND	0.0021	ND	0.0023	ND	0.0021	ND
1,2,4-Trichlorobenzene	NC	NC	0.0022	ND	0.0023	ND	0.0024	ND	0.0021	ND	0.0023	ND	0.0021	ND
1,2,4-Trimethylbenzene	3.6	52	0.0022	ND	0.0023	ND	0.0024	ND	0.0021	ND	0.0023	ND	0.0021	ND
1,2-Dibromo-3-chloropropane	NC	NC	0.0022	ND	0.0023	ND	0.0024	ND	0.0021	ND	0.0023	ND	0.0021	ND
1,2-Dibromoethane	NC	NC	0.0022	ND	0.0023	ND	0.0024	ND	0.0021	ND	0.0023	ND	0.0021	ND
1,2-Dichlorobenzene	1.1	100	0.0022	ND	0.0023	ND	0.0024	ND	0.0021	ND	0.0023	ND	0.0021	ND
1,2-Dichloroethane	0.02	3.1	0.0022	ND	0.0023	ND	0.0024	ND	0.0021	ND	0.0023	ND	0.0021	ND
1,2-Dichloropropane	NC	NC	0.0022	ND	0.0023	ND	0.0024	ND	0.0021	ND	0.0023	ND	0.0021	ND
1,3,5-Trimethylbenzene	8.4	52	0.0022	ND	0.0023	ND	0.0024	ND	0.0021	ND	0.0023	ND	0.0021	ND
1,3-Dichlorobenzene	2.4	49	0.0022	ND	0.0023	ND	0.0024	ND	0.0021	ND	0.0023	ND	0.0021	ND
1,4-Dichlorobenzene	1.8	13	0.0022	ND	0.0023	ND	0.0024	ND	0.0021	ND	0.0023	ND	0.0021	ND
1,4-Dioxane	0.1	13	0.044	ND	0.045	ND	0.048	ND	0.042	ND	0.047	ND	0.042	ND
2-Butanone	0.12	100	0.0022	ND	0.0023	ND	0.0024	ND	0.0021	ND	0.0023	ND	0.0021	ND
2-Hexanone	NC	NC	0.0022	ND	0.0023	ND	0.0024	ND	0.0021	ND	0.0023	ND	0.0021	ND
4-Methyl-2-pentanone	NC	NC	0.0022	ND	0.0023	ND	0.0024	ND	0.0021	ND	0.0023	ND	0.0021	ND
Acetone	0.05	100	0.0044	ND	0.0045	ND	0.0070	J	0.0042	ND	0.010		0.0042	ND
Acrolein	NC	NC	0.0044	ND	0.0045	ND	0.0048	ND	0.0042	ND	0.0047	ND	0.0042	ND
Acrylonitrile	NC	NC	0.0022	ND	0.0023	ND	0.0024	ND	0.0021	ND	0.0023	ND	0.0021	ND
Benzene	0.06	4.8	0.0022	ND	0.0023	ND	0.0024	ND	0.0021	ND	0.0023	ND	0.0021	ND
Bromochloromethane	NC	NC	0.0022	ND	0.0023	ND	0.0024	ND	0.0021	ND	0.0023	ND	0.0021	ND
Bromodichloromethane	NC	NC	0.0022	ND	0.0023	ND	0.0024	ND	0.0021	ND	0.0023	ND	0.0021	ND
Bromoform	NC	NC	0.0022	ND	0.0023	ND	0.0024	ND	0.0021	ND	0.0023	ND	0.0021	ND
Bromomethane	NC	NC	0.0022	ND	0.0023	ND	0.0024	ND	0.0021	ND	0.0023	ND	0.0021	ND
Carbon disulfide	NC	NC	0.0022	ND	0.0023	ND	0.0024	ND	0.0021	ND	0.0023	ND	0.0021	ND
Carbon tetrachloride	0.76	2.4	0.0022	ND	0.0023	ND	0.0024	ND	0.0021	ND	0.0023	ND	0.0021	ND
Chlorobenzene	1.1	100	0.0022	ND	0.0023	ND	0.0024	ND	0.0021	ND	0.0023	ND	0.0021	ND
Chloroethane	NC	NC	0.0022	ND	0.0023	ND	0.0024	ND	0.0021	ND	0.0023	ND	0.0021	ND
Chloroform	0.37	49	0.0022	ND	0.0023	ND	0.0024	ND	0.0021	ND	0.0023	ND	0.0021	ND
Chloromethane	NC	NC	0.0022	ND	0.0023	ND	0.0024	ND	0.0021	ND	0.0023	ND	0.0021	ND
cis-1,2-Dichloroethylene	0.25	100	0.0022	ND	0.0023	ND	0.0024	ND	0.0021	ND	0.0023	ND	0.0021	ND
cis-1,3-Dichloropropylene	NC	NC	0.0022	ND	0.0023	ND	0.0024	ND	0.0021	ND	0.0023	ND	0.0021	ND
Cyclohexane	NC	NC	0.0022	ND	0.0023	ND	0.0024	ND	0.0021	ND	0.0023	ND	0.0021	ND
Dibromochloromethane	NC	NC	0.0022	ND	0.0023	ND	0.0024	ND	0.0021	ND	0.0023	ND	0.0021	ND
Dibromomethane	NC	NC	0.0022	ND	0.0023	ND	0.0024	ND	0.0021	ND	0.0023	ND	0.0021	ND
Dichlorodifluoromethane	NC	NC	0.0022	ND	0.0023	ND	0.0024	ND	0.0021	ND	0.0023	ND	0.0021	ND
Ethyl Benzene	1	41	0.0022	ND	0.0023	ND	0.0024	ND	0.0021	ND	0.0023	ND	0.0021	ND
Hexachlorobutadiene	NC	NC	0.0022	ND	0.0023	ND	0.0024	ND	0.0021	ND	0.0023	ND	0.0021	ND
Isopropylbenzene	NC	NC	0.0022	ND	0.0023	ND	0.0024	ND	0.0021	ND	0.0023	ND	0.0021	ND
Methyl acetate	NC	NC	0.0022	ND	0.0023	ND	0.0024	ND	0.0021	ND	0.0023	ND	0.0021	ND
Methyl tert-butyl ether (MTBE)	0.93	100	0.0022	ND	0.0023	ND	0.0024	ND	0.0021	ND	0.0023	ND	0.0021	ND
Methylcyclohexane	NC	NC	0.0022	ND	0.0023	ND	0.0024	ND	0.0021	ND	0.0023	ND	0.0021	ND
Methylene chloride	0.05	100	0.0044	ND	0.0045	ND	0.0048	ND	0.0042	ND	0.0047	ND	0.0042	ND
n-Butylbenzene	12	100	0.0022	ND	0.0023	ND	0.0024	ND	0.0021	ND	0.0023	ND	0.0021	ND
n-Propylbenzene	3.9	100	0.0022	ND	0.0023	ND	0.0024	ND	0.0021	ND	0.0023	ND	0.0021	ND
o-Xylene	NC	NC	0.0022	ND	0.0023	ND	0.0024	ND	0.0021	ND	0.0023	ND	0.0021	ND
p- & m- Xylenes	NC	NC	0.0044	ND	0.0045	ND	0.0048	ND	0.0042	ND	0.0047	ND	0.0042	ND
p-Isopropyltoluene	NC	NC	0.0022	ND	0.0023	ND	0.0024	ND	0.0021	ND	0.0023	ND	0.0021	ND
sec-Butylbenzene	11	100	0.0022	ND	0.0023	ND	0.0024	ND	0.0021	ND	0.0023	ND	0.0021	ND
Styrene	NC	NC	0.0022	ND	0.0023	ND	0.0024	ND	0.0021	ND	0.0023	ND	0.0021	ND
tert-Butyl alcohol (TBA)	NC	NC	0.0022	ND	0.0023	ND	0.0024	ND	0.0021	ND	0.0047	ND	0.0042	ND
tert-Butylbenzene	5.9	100	0.0022	ND	0.0023	ND	0.0024	ND	0.0021	ND	0.0023	ND	0.0021	ND
Tetrachloroethylene	1.3	19	0.0022	ND	0.0023	ND	0.0024	ND	0.0021	ND	0.0023	ND	0.0021	ND
Toluene	0.7	100	0.0024	J	0.0023	ND	0.0024	ND	0.0021	J	0.0023	ND	0.0021	ND
trans-1,2-Dichloroethylene	0.19	100	0.0022	ND	0.0023	ND	0.0024	ND	0.0021	ND	0.0023	ND	0.0021	ND
trans-1,3-Dichloropropylene	NC	NC	0.0022	ND	0.0023	ND	0.0024	ND	0.0021	ND	0.0023	ND	0.0021	ND
Trichloroethylene	0.47	21	0.0022	ND	0.0023	ND	0.0024	ND	0.0021	ND	0.0023	ND	0.0021	ND
Trichlorofluoromethane	NC	NC	0.0022	ND	0.0023	ND	0.0024	ND	0.0021	ND	0.0023	ND	0.0021	ND
Vinyl Chloride	0.02	0.9	0.0022	ND	0.0023	ND	0.0024	ND	0.0021	ND	0.0023	ND	0.0021	ND
Xylenes, Total	0.26	100	0.0066	ND	0.0068	ND	0.0072	ND	0.0062	ND	0.0070	ND	0.0063	ND

NOTES:
Any Regulatory Exceedences are color coded by Regulation

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
ND=analyte not detected at or above the level indicated
NC=this indicates that no regulatory limit has been established for this analyte

Table 2
SVOCs in Soil
710 Grand Street, Brooklyn, NY 11211

Sample ID Sample Depth Sampling Date Sample Matrix Dilution Factor Unit of Measure	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives Restricted Residential	SB-1 (0-2') 5/10/2016 Soil 2 mg/Kg		SB-1 (3-5') 5/10/2016 Soil 2 mg/Kg		SB-2 (0-2') 5/10/2016 Soil 2 mg/Kg		SB-2 (3-5') 5/10/2016 Soil 2 mg/Kg		SB-3 (0-2') 5/10/2016 Soil 2 mg/Kg		SB-3 (3-5') 5/10/2016 Soil 2 mg/Kg	
1,1'-Biphenyl	NC	NC	0.046	ND	0.046	ND	0.048	ND	0.046	ND	0.048	ND	0.049	ND
1,2,4,5-Tetrachlorobenzene	NC	NC	0.093	ND	0.091	ND	0.095	ND	0.092	ND	0.097	ND	0.098	ND
1,2,4-Trichlorobenzene	NC	NC	0.046	ND	0.046	ND	0.048	ND	0.046	ND	0.048	ND	0.049	ND
1,2-Dichlorobenzene	1.1	100	0.046	ND	0.046	ND	0.048	ND	0.046	ND	0.048	ND	0.049	ND
1,2-Diphenylhydrazine (as Azobenzene)	NC	NC	0.046	ND	0.046	ND	0.048	ND	0.046	ND	0.048	ND	0.049	ND
1,3-Dichlorobenzene	2.4	49	0.046	ND	0.046	ND	0.048	ND	0.046	ND	0.048	ND	0.049	ND
1,4-Dichlorobenzene	1.8	13	0.046	ND	0.046	ND	0.048	ND	0.046	ND	0.048	ND	0.049	ND
2,3,4,6-Tetrachlorophenol	NC	NC	0.093	ND	0.091	ND	0.095	ND	0.092	ND	0.097	ND	0.098	ND
2,4,5-Trichlorophenol	NC	NC	0.046	ND	0.046	ND	0.048	ND	0.046	ND	0.048	ND	0.049	ND
2,4,6-Trichlorophenol	NC	NC	0.046	ND	0.046	ND	0.048	ND	0.046	ND	0.048	ND	0.049	ND
2,4-Dichlorophenol	NC	NC	0.046	ND	0.046	ND	0.048	ND	0.046	ND	0.048	ND	0.049	ND
2,4-Dimethylphenol	NC	NC	0.046	ND	0.046	ND	0.048	ND	0.046	ND	0.048	ND	0.049	ND
2,4-Dinitrophenol	NC	NC	0.093	ND	0.091	ND	0.095	ND	0.092	ND	0.097	ND	0.098	ND
2,4-Dinitrotoluene	NC	NC	0.046	ND	0.046	ND	0.048	ND	0.046	ND	0.048	ND	0.049	ND
2,6-Dinitrotoluene	NC	NC	0.046	ND	0.046	ND	0.048	ND	0.046	ND	0.048	ND	0.049	ND
2-Chloronaphthalene	NC	NC	0.046	ND	0.046	ND	0.048	ND	0.046	ND	0.048	ND	0.049	ND
2-Chlorophenol	NC	NC	0.046	ND	0.046	ND	0.048	ND	0.046	ND	0.048	ND	0.049	ND
2-Methylnaphthalene	NC	NC	0.046	ND	0.046	ND	0.048	ND	0.046	ND	0.063	JD	0.049	ND
2-Methylphenol	0.33	100	0.046	ND	0.046	ND	0.048	ND	0.046	ND	0.048	ND	0.049	ND
2-Nitroaniline	NC	NC	0.093	ND	0.091	ND	0.095	ND	0.092	ND	0.097	ND	0.098	ND
2-Nitrophenol	NC	NC	0.046	ND	0.046	ND	0.048	ND	0.046	ND	0.048	ND	0.049	ND
3- & 4-Methylphenols	NC	NC	0.046	ND	0.046	ND	0.048	ND	0.046	ND	0.048	ND	0.049	ND
3,3'-Dichlorobenzidine	NC	NC	0.046	ND	0.046	ND	0.048	ND	0.046	ND	0.048	ND	0.049	ND
3-Nitroaniline	NC	NC	0.093	ND	0.091	ND	0.095	ND	0.092	ND	0.097	ND	0.098	ND
4,6-Dinitro-2-methylphenol	NC	NC	0.093	ND	0.091	ND	0.095	ND	0.092	ND	0.097	ND	0.098	ND
4-Bromophenyl phenyl ether	NC	NC	0.046	ND	0.046	ND	0.048	ND	0.046	ND	0.048	ND	0.049	ND
4-Chloro-3-methylphenol	NC	NC	0.046	ND	0.046	ND	0.048	ND	0.046	ND	0.048	ND	0.049	ND
4-Chloroaniline	NC	NC	0.046	ND	0.046	ND	0.048	ND	0.046	ND	0.048	ND	0.049	ND
4-Chlorophenyl phenyl ether	NC	NC	0.046	ND	0.046	ND	0.048	ND	0.046	ND	0.048	ND	0.049	ND
4-Nitroaniline	NC	NC	0.093	ND	0.091	ND	0.095	ND	0.092	ND	0.097	ND	0.098	ND
4-Nitrophenol	NC	NC	0.093	ND	0.091	ND	0.095	ND	0.092	ND	0.097	ND	0.098	ND
Acenaphthene	20	100	0.046	ND	0.046	ND	0.048	ND	0.046	ND	0.060	JD	0.049	ND
Acenaphthylene	100	100	0.046	ND	0.046	ND	0.048	ND	0.046	ND	0.048	ND	0.049	ND
Acetophenone	NC	NC	0.046	ND	0.046	ND	0.048	ND	0.046	ND	0.048	ND	0.049	ND
Aniline	NC	NC	0.19	ND	0.18	ND	0.19	ND	0.18	ND	0.19	ND	0.20	ND
Anthracene	100	100	0.046	ND	0.046	ND	0.42	D	0.046	ND	0.16	D	0.062	JD
Atrazine	NC	NC	0.046	ND	0.046	ND	0.048	ND	0.046	ND	0.048	ND	0.049	ND
Benzaldehyde	NC	NC	0.046	ND	0.046	ND	0.048	ND	0.046	ND	0.048	ND	0.049	ND
Benzidine	NC	NC	0.19	ND	0.18	ND	0.19	ND	0.18	ND	0.19	ND	0.20	ND
Benzo(a)anthracene	1	1	0.093	D	0.046	ND	0.13	D	0.046	ND	0.19	D	0.049	ND
Benzo(a)pyrene	1	1	0.065	JD	0.046	ND	0.13	D	0.046	ND	0.16	D	0.049	ND
Benzo(b)fluoranthene	1	1	0.046	ND	0.046	ND	0.060	JD	0.046	ND	0.099	D	0.049	ND
Benzo(g,h,i)perylene	100	100	0.046	ND	0.046	ND	0.062	JD	0.046	ND	0.12	D	0.049	ND
Benzo(k)fluoranthene	0.8	3.9	0.056	JD	0.046	ND	0.068	JD	0.046	ND	0.093	JD	0.049	ND
Benzoic acid	NC	NC	0.046	ND	0.046	ND	0.048	ND	0.046	ND	0.048	ND	0.049	ND
Benzyl alcohol	NC	NC	0.046	ND	0.046	ND	0.048	ND	0.046	ND	0.048	ND	0.049	ND
Benzyl butyl phthalate	NC	NC	0.046	ND	0.046	ND	0.048	ND	0.046	ND	0.048	ND	0.049	ND
Bis(2-chloroethoxy)methane	NC	NC	0.046	ND	0.046	ND	0.048	ND	0.046	ND	0.048	ND	0.049	ND
Bis(2-chloroethyl)ether	NC	NC	0.046	ND	0.046	ND	0.048	ND	0.046	ND	0.048	ND	0.049	ND
Bis(2-chloroisopropyl)ether	NC	NC	0.046	ND	0.046	ND	0.048	ND	0.046	ND	0.048	ND	0.049	ND
Bis(2-ethylhexyl)phthalate	NC	NC	0.13	D	0.046	ND	0.30	D	0.15	D	0.13	D	0.16	D
Caprolactam	NC	NC	0.093	ND	0.091	ND	0.095	ND	0.092	ND	0.097	ND	0.098	ND
Carbazole	NC	NC	0.046	ND	0.046	ND	0.048	ND	0.046	ND	0.048	ND	0.049	ND
Chrysene	1	3.9	0.11	D	0.046	ND	0.15	D	0.046	ND	0.21	D	0.049	ND
Dibenzo(a,h)anthracene	0.33	0.33	0.046	ND	0.046	ND	0.048	ND	0.046	ND	0.068	JD	0.049	ND
Dibenzofuran	7	59	0.046	ND	0.046	ND	0.048	ND	0.046	ND	0.048	ND	0.049	ND
Diethyl phthalate	NC	NC	0.046	ND	0.046	ND	0.048	ND	0.046	ND	0.048	ND	0.049	ND
Dimethyl phthalate	NC	NC	0.046	ND	0.046	ND	0.048	ND	0.046	ND	0.048	ND	0.049	ND
Di-n-butyl phthalate	NC	NC	0.046	ND	0.046	ND	0.048	ND	0.046	ND	0.048	ND	0.049	ND
Di-n-octyl phthalate	NC	NC	0.046	ND	0.046	ND	0.048	ND	0.046	ND	0.048	ND	0.049	ND
Fluoranthene	100	100	0.16	D	0.046	ND	0.22	D	0.046	ND	0.42	D	0.11	D
Fluorene	30	100	0.046	ND	0.046	ND	0.063	JD	0.046	ND	0.076	JD	0.049	ND
Hexachlorobenzene	0.33	1.2	0.046	ND	0.046	ND	0.048	ND	0.046	ND	0.048	ND	0.049	ND
Hexachlorobutadiene	NC	NC	0.046	ND	0.046	ND	0.048	ND	0.046	ND	0.048	ND	0.049	ND
Hexachlorocyclopentadiene	NC	NC	0.046	ND	0.046	ND	0.048	ND	0.046	ND	0.048	ND	0.049	ND
Hexachloroethane	NC	NC	0.046	ND	0.046	ND	0.048	ND	0.046	ND	0.048	ND	0.049	ND
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.046	ND	0.046	ND	0.048	ND	0.046	ND	0.11	D	0.049	ND
Isophorone	NC	NC	0.046	ND	0.046	ND	0.048	ND	0.046	ND	0.048	ND	0.049	ND
Naphthalene	12	100	0.046	ND	0.046	ND	0.096	D	0.046	ND	0.18	D	0.049	ND
Nitrobenzene	NC	NC	0.046	ND	0.046	ND	0.048	ND	0.046	ND	0.048	ND	0.049	ND
N-Nitrosodimethylamine	NC	NC	0.046	ND	0.046	ND	0.048	ND	0.046	ND	0.048	ND	0.049	ND
N-nitroso-di-n-propylamine	NC	NC	0.046	ND	0.046	ND	0.048	ND	0.046	ND	0.048	ND	0.049	ND
N-Nitrosodiphenylamine	NC	NC	0.046	ND	0.046	ND	0.048	ND	0.046	ND	0.048	ND	0.049	ND
Pentachlorophenol	0.8	6.7	0.046	ND	0.046	ND	0.048	ND	0.046	ND	0.048	ND	0.049	ND
Phenanthrene	100	100	0.31	D	0.046	ND	0.45	D	0.046	ND	0.60	D	0.18	D
Phenol	0.33	100	0.046	ND	0.046	ND	0.048	ND	0.046	ND	0.048	ND	0.049	ND
Pyrene	100	100	0.23	D	0.046	ND	0.27	D	0.046	ND	0.54	D	0.10	D

NOTES:

Any Regulatory Exceedences are color coded by Regulation

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

ND=analyte not detected at or above the level indicated

D=analyte diluted

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

Table 3
Pesticides and PCB's in Soil
710 Grand Street, Brooklyn, NY 11211

Sample ID Sample Depth Sampling Date Sample Matrix Dilution Factor Unit of Measure	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives -Restricted Residential	SB-1 (0-2') 5/10/2016 Soil 5 mg/Kg		SB-1 (3-5') 5/10/2016 Soil 5 mg/Kg		SB-2 (0-2') 5/10/2016 Soil 5 mg/Kg		SB-2 (3-5') 5/10/2016 Soil 5 mg/Kg		SB-3 (0-2') 5/10/2016 Soil 5 mg/Kg		SB-3 (3-5') 5/10/2016 Soil 5 mg/Kg	
4,4'-DDD	0.0033	13	0.0018	ND	0.0018	ND	0.0019	ND	0.0018	ND	0.0019	ND	0.0019	ND
4,4'-DDE	0.0033	8.9	0.0018	ND	0.0018	ND	0.0019	ND	0.0018	ND	0.0019	ND	0.0019	ND
4,4'-DDT	0.0033	7.9	0.0018	ND	0.0018	ND	0.0019	ND	0.0018	ND	0.0019	ND	0.0019	ND
Aldrin	0.005	0.097	0.0018	ND	0.0018	ND	0.0019	ND	0.0018	ND	0.0019	ND	0.0019	ND
alpha-BHC	0.02	0.48	0.0018	ND	0.0018	ND	0.0019	ND	0.0018	ND	0.0019	ND	0.0019	ND
alpha-Chlordane	0.094	4.2	0.0018	ND	0.0018	ND	0.0019	ND	0.0018	ND	0.0019	ND	0.0019	ND
beta-BHC	0.036	0.36	0.0018	ND	0.0018	ND	0.0019	ND	0.0018	ND	0.0019	ND	0.0019	ND
Chlordane, total	NC	NC	0.073	ND	0.072	ND	0.076	ND	0.072	ND	0.076	ND	0.078	ND
delta-BHC	0.04	100	0.0018	ND	0.0018	ND	0.0019	ND	0.0018	ND	0.0019	ND	0.0019	ND
Dieldrin	0.005	0.2	0.0018	ND	0.0018	ND	0.0019	ND	0.0018	ND	0.0019	ND	0.0019	ND
Endosulfan I	2.4	24	0.0018	ND	0.0018	ND	0.0019	ND	0.0018	ND	0.0019	ND	0.0019	ND
Endosulfan II	2.4	24	0.0018	ND	0.0018	ND	0.0019	ND	0.0018	ND	0.0019	ND	0.0019	ND
Endosulfan sulfate	2.4	24	0.0018	ND	0.0018	ND	0.0019	ND	0.0018	ND	0.0019	ND	0.0019	ND
Endrin	0.014	11	0.0018	ND	0.0018	ND	0.0019	ND	0.0018	ND	0.0019	ND	0.0019	ND
Endrin aldehyde	NC	NC	0.0018	ND	0.0033	D	0.0019	ND	0.0018	ND	0.0019	ND	0.0019	ND
Endrin ketone	NC	NC	0.0018	ND	0.0018	ND	0.0019	ND	0.0018	ND	0.0019	ND	0.0019	ND
gamma-BHC (Lindane)	0.1	1.3	0.0018	ND	0.0018	ND	0.0019	ND	0.0018	ND	0.0019	ND	0.0019	ND
gamma-Chlordane	NC	NC	0.0018	ND	0.0018	ND	0.0019	ND	0.0018	ND	0.0019	ND	0.0019	ND
Heptachlor	0.042	2.1	0.0018	ND	0.0018	ND	0.0019	ND	0.0018	ND	0.0019	ND	0.0019	ND
Heptachlor epoxide	NC	NC	0.0018	ND	0.0018	ND	0.0019	ND	0.0018	ND	0.0019	ND	0.0019	ND
Methoxychlor	NC	NC	0.0092	ND	0.0090	ND	0.0094	ND	0.0091	ND	0.0096	ND	0.0097	ND
Toxaphene	NC	NC	0.093	ND	0.091	ND	0.096	ND	0.092	ND	0.097	ND	0.098	ND
Dilution Factor			**1**		**1**		**1**		**1**		**1**		**1**	
Aroclor 1016	NC	NC	0.019	ND	0.018	ND	0.019	ND	0.018	ND	0.019	ND	0.020	ND
Aroclor 1221	NC	NC	0.019	ND	0.018	ND	0.019	ND	0.018	ND	0.019	ND	0.020	ND
Aroclor 1232	NC	NC	0.019	ND	0.018	ND	0.019	ND	0.018	ND	0.019	ND	0.020	ND
Aroclor 1242	NC	NC	0.019	ND	0.018	ND	0.019	ND	0.018	ND	0.019	ND	0.020	ND
Aroclor 1248	NC	NC	0.019	ND	0.018	ND	0.019	ND	0.018	ND	0.019	ND	0.020	ND
Aroclor 1254	NC	NC	0.019	ND	0.018	ND	0.019	ND	0.018	ND	0.019	ND	0.020	ND
Aroclor 1260	NC	NC	0.019	ND	0.018	ND	0.019	ND	0.018	ND	0.019	ND	0.020	ND
Total PCBs	0.1	1	0.019	ND	0.018	ND	0.019	ND	0.018	ND	0.019	ND	0.020	ND

NOTES:

Any Regulatory Exceedences are color coded by Regulation

ND=analyte not detected at or above the level indicated

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

D=analyte diluted

Table 4
Metals and Solids in Soil
710 Grand Street, Brooklyn, NY 11211

Sample ID Sample Depth Sampling Date Sample Matrix Dilution Factor Unit of Measure	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	SB-1 (0-2') 5/10/2016 Soil 1 mg/Kg		SB-1 (3-5') 5/10/2016 Soil 1 mg/Kg		SB-2 (0-2') 5/10/2016 Soil 1 mg/Kg		SB-2 (3-5') 5/10/2016 Soil 1 mg/Kg		SB-3 (0-2') 5/10/2016 Soil 1 mg/Kg		SB-3 (3-5') 5/10/2016 Soil 1 mg/Kg	
Aluminum	NC	NC	8,440		7,250		10,200		7,110		9,380		8,020	
Antimony	NC	NC	0.55	ND	0.54	ND	0.57	ND	0.55	ND	0.58	ND	0.59	ND
Arsenic	13	16	1.42		2.08		1.93		2.15		1.77		1.23	
Barium	350	400	24.10		42.10		34.80		33.10		42.30		29.70	
Beryllium	7.2	72	0.11	ND	0.11	ND	0.11	ND	0.11	ND	0.12	ND	0.12	ND
Cadmium	2.5	4.3	0.33	ND	0.33	ND	0.34	ND	0.33	ND	0.35	ND	0.35	ND
Calcium	NC	NC	790		839		2,770		759		11,400		867	
Chromium	NC	NC	19.10		18.20		18.70		17.60		20.30		15.20	
Cobalt	NC	NC	6.59		12.80		22.10		4.54		11.50		4.59	
Copper	50	270	13.20		14.50		14.90		12.10		14.90		13.30	
Iron	NC	NC	13,700		21,900		12,600		10,700		14,600		8,640	
Lead	63	400	7.01		5.90		6.54		5.34		36		5.06	
Magnesium	NC	NC	2,150		2,120		2,440		1,640		2,940		1,990	
Manganese	1600	2000	213		1,080		83.40		115		219		60.60	
Nickel	30	310	10.40		18.30		16.20		10.60		14.40		11.70	
Potassium	NC	NC	902		1,080		1,100		973		1,400		968	
Selenium	3.9	180	1.11	ND	1.69		1.14	ND	1.10	ND	1.16	ND	1.18	ND
Silver	2	180	0.55	ND	0.54	ND	0.57	ND	0.55	ND	0.58	ND	0.59	ND
Sodium	NC	NC	104		101		113		82.30		132		96.30	
Thallium	NC	NC	1.11	ND	1.09	ND	1.14	ND	1.10	ND	1.16	ND	1.18	ND
Vanadium	NC	NC	33.50		31.70		22.70		25.40		27.20		24.10	
Zinc	109	10000	24.40		35.10		36.60		21.30		38.40		21	
Mercury	0.18	0.81	0.037		0.033	ND	0.039		0.033	ND	0.091		0.035	ND
Chromium, Hexavalent	1	110	0.55	ND	0.54	ND	0.57	ND	0.55	ND	0.58	ND	0.59	ND
Chromium, Trivalent	30	180	17.20		16.80		16.40		16		17.60		12.90	
% Solids	NC	NC	90.20		91.90		87.40		91.10		86.40		85	

NOTES:

Any Regulatory Exceedences are color coded by Regulation

ND=analyte not detected at or above the level indicated

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

Table 5
Soil Vapor Analytical Data
710 Grand Street, Brooklyn, NY 11211

Sample ID	**NYS DOH Soil Vapor Evaluation Criteria**	**SV-1**		**SV-2**		**SV-3**	
Client Matrix		**Soil Vapor**		**Soil Vapor**		**Soil Vapor**	
Sampling Date		**5/11/2016**		**5/11/2016**		**5/11/2016**	
Dilution Factor		**16.8**		**20.4**		**18.39**	
Unit of Measure		**ug/m3**		**ug/m3**		**ug/m3**	
1,1,1,2-Tetrachloroethane	NC	12	ND	14	ND	13	ND
1,1,1-Trichloroethane	100	9.20	ND	11	ND	10	ND
1,1,2,2-Tetrachloroethane	NC	12	ND	14	ND	13	ND
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NC	13	ND	16	ND	14	ND
1,1,2-Trichloroethane	NC	9.20	ND	11	ND	10	ND
1,1-Dichloroethane	NC	6.80	ND	8.30	ND	7.40	ND
1,1-Dichloroethylene	NC	6.70	ND	8.10	ND	7.30	ND
1,2,4-Trichlorobenzene	NC	12	ND	15	ND	14	ND
1,2,4-Trimethylbenzene	NC	34	D	56	D	47	D
1,2-Dibromoethane	NC	13	ND	16	ND	14	ND
1,2-Dichlorobenzene	NC	10	ND	12	ND	11	ND
1,2-Dichloroethane	NC	6.80	ND	8.30	ND	7.40	ND
1,2-Dichloropropane	NC	7.80	ND	9.40	ND	8.50	ND
1,2-Dichlorotetrafluoroethane	NC	12	ND	14	ND	13	ND
1,3,5-Trimethylbenzene	NC	17	D	20	D	19	D
1,3-Butadiene	NC	11	ND	14	ND	12	ND
1,3-Dichlorobenzene	NC	10	ND	12	ND	11	ND
1,3-Dichloropropane	NC	7.80	ND	9.40	ND	8.50	ND
1,4-Dichlorobenzene	NC	10	ND	12	ND	11	ND
1,4-Dioxane	NC	12	ND	15	ND	13	ND
2-Butanone	NC	29	D	64	D	48	D
2-Hexanone	NC	14	ND	17	ND	15	ND
3-Chloropropene	NC	26	ND	32	ND	29	ND
4-Methyl-2-pentanone	NC	6.90	ND	8.40	ND	7.50	ND
Acetone	NC	160	D	410	D	290	D
Acrylonitrile	NC	3.60	ND	4.40	ND	4	ND
Benzene	NC	39	D	18	D	36	D
Benzyl chloride	NC	8.70	ND	11	ND	9.50	ND
Bromodichloromethane	NC	11	ND	14	ND	12	ND
Bromoform	NC	17	ND	21	ND	19	ND
Bromomethane	NC	6.50	ND	7.90	ND	7.10	ND
Carbon disulfide	NC	52	D	6.40	ND	6.90	D
Carbon tetrachloride	5	2.60	ND	3.20	ND	2.90	ND
Chlorobenzene	NC	7.70	ND	9.40	ND	8.50	ND
Chloroethane	NC	4.40	ND	5.40	ND	4.90	ND
Chloroform	NC	9	D	10	ND	9	ND
Chloromethane	NC	3.50	ND	4.20	ND	3.80	ND
cis-1,2-Dichloroethylene	NC	6.70	ND	8.10	ND	7.30	ND
cis-1,3-Dichloropropylene	NC	7.60	ND	9.30	ND	8.30	ND
Cyclohexane	NC	10	D	7	ND	6.30	ND
Dibromochloromethane	NC	14	ND	17	ND	16	ND
Dichlorodifluoromethane	NC	8.30	ND	10	ND	9.10	ND
Ethyl acetate	NC	12	ND	15	ND	13	ND
Ethyl Benzene	NC	31	D	52	D	100	D
Hexachlorobutadiene	NC	18	ND	22	ND	20	ND
Isopropanol	NC	8.30	ND	10	ND	9	ND
Methyl Methacrylate	NC	6.90	ND	8.40	ND	7.50	ND
Methyl tert-butyl ether (MTBE)	NC	6.10	ND	7.40	ND	6.60	ND
Methylene chloride	NC	12	ND	14	ND	45	D
n-Heptane	NC	110	D	37	D	61	D
n-Hexane	NC	60	D	24	D	32	D
o-Xylene	NC	39	D	68	D	99	D
p- & m- Xylenes	NC	140	D	240	D	300	D
p-Ethyltoluene	NC	31	D	68	D	75	D
Propylene	NC	90	D	54	D	34	D
Styrene	NC	7.20	ND	8.70	ND	7.80	ND
Tetrachloroethylene	100	**180**	D	22	D	3.10	ND
Tetrahydrofuran	NC	9.90	ND	12	ND	11	ND
Toluene	NC	270	D	210	D	310	D
trans-1,2-Dichloroethylene	NC	6.70	ND	8.10	ND	7.30	ND
trans-1,3-Dichloropropylene	NC	7.60	ND	9.30	ND	8.30	ND
Trichloroethylene	5	2.30	ND	2.70	ND	2.50	ND
Trichlorofluoromethane (Freon 11)	NC	9.40	ND	11	ND	10	ND
Vinyl acetate	NC	5.90	ND	7.20	ND	6.50	ND
Vinyl bromide	NC	7.30	ND	8.90	ND	8	ND
Vinyl Chloride	NC	4.30	ND	5.20	ND	4.70	ND

NC - No criterion for evaluation of analytical parameter
D=result is from an analysis that required a dilution
ND=analyte not detected at or above the level indicated
Bold and shaded values exceed the NYS DOH Soil Vapor Evaluation Criteria

Note:
Evaluation criteria for soil vapor is the sub-slub vapor concentration for the Matrix 1 and Matrix 2 compounds presented in the NYSDOH Soil Vapor Intrusion Guidance document dated October 2006

APPENDIX A

PHASE I ESA REPORT

(PREVIOUSLY SUBMITTED)

PHASE I ENVIRONMENTAL SITE ASSESSMENT (ESA)

710 GRAND STREET
BROOKLYN, NEW YORK 11211

PREPARED FOR

JAROAH INC.

MECC PROJECT M14602

MARCH 2016

MERRITT ENVIRONMENTAL CONSULTING CORP.

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PHASE I ENVIRONMENTAL SITE ASSESSMENT (ESA)
ASTM E1527-13

PREPARED IN ACCORDANCE WITH THE ALL APPROPRIATE INQUIRY (AAI) RULE

Site Address	710 Grand Street Brooklyn, New York 11211
Prepared for	Jaroah Inc. 404 Broadway, Suite 304 New York, New York 10013 Attn: Mr. Haim Kedmi
Prepared By	Merritt Environmental Consulting Corp. 77 Arkay Drive, Suite D Hauppauge, New York 11788 (631) 617-6200 www.merrittec.com
MECC Project No	Project M14602
Inspection Date	March 9, 2016
Summary Date	March 15, 2016
Final Report Date	March 16, 2016

1) EXECUTIVE SUMMARY

Merritt Environmental Consulting Corp. (MECC) has completed a Phase I Environmental Site Assessment (ESA) at 710 Grand Street, Brooklyn, New York 11211 (the "Property") in accordance with the scope of work presented in Section 2.2. The report conforms to the ASTM E1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.

MECC was retained to perform this Phase ESA as an agent for the owner (Jaroah Inc.) conducting a refinance.

The on site investigation was conducted on March 9, 2016. The Property currently consists of a 3-story residential and commercial building. The site is located on a plot size approximately 2,500 square feet. The building was constructed in 1920. The current use of the Property consists of one (1) commercial unit on the ground floor (Active Warehouse). The 2nd and 3rd floors are vacant.

Based on our site reconnaissance, database review and historical investigation, the following Recognized Environmental Conditions (RECs) were noted at the time of our inspection.

A Recognized Environmental Condition is the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment.

"E" DESIGNATION

The subject property is documented as an "E" designated lot at the NYC Department of Buildings as part of the Greenpoint - Williamsburg Contextual Rezoning:

Lot 19, Taxblock 2788
710 Grand Street
Brooklyn, NY 11211
E-No. E-232
Description: Hazardous Materials* Phase I and Phase II Testing Protocol
Window Wall Attenuation & Alternate Ventilation

The "E" designation would require that the fee owner of the site conduct a testing and sampling protocol and remediation where appropriate, to the satisfaction of the NYCOER before the issuance of a building permit by the Department of Buildings. Once approval is granted by the NYCOER, the work can be performed in accordance to required regulations in order to receive a notice of satisfaction.

An "E" designation only needs to be complied with during the redevelopment of a site. Part of the "E" designation submittal includes architectural drawings on the proposed development.

The process to remove an “E” designation and receive a notice of satisfaction includes the following:

- Submitting a work plan to the New York City Office of Environmental Remediation (NYCOER)
- Conducting a sub-surface investigation
- Submit results to the NYCOER

The process can take several months and cost approximately $30,000-$40,000 to satisfy the requirement for removing an “E” designation. However, the “E” designation is only addressed during the redevelopment of a site.

The subject site is scheduled for redevelopment. Under the NYCOER E-designation program, a comprehensive environmental investigation must be conducted in accordance with receiving a NYCOER notice to proceed-notice of satisfaction. The scope of work required, may uncover additional sub-surface impacts not previously discovered or tested for (IE: pesticides/herbicides/metals).

In addition, no de minimis conditions were noted.

A de minimis condition is one that generally does not present a material risk of harm to public health or the environment and that generally would not be subject of an enforcement action if brought to the attention of appropriate governmental agencies (excluding local asbestos & lead situations).

No Controlled Recognized Environmental Conditions (CRECs) were noted.

A Controlled Recognized Environmental Condition (CREC) is an environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (e.g., property use restrictions, AULs, institutional controls, or engineering controls).

NON-SCOPE CONSIDERATIONS

There may be environmental issues or conditions at a property that parties may wish to assess in connection with commercial real estate that are outside the scope of this practice (the non-scope considerations). Some substances may be present on a property in quantities and under conditions that may lead to contamination of the property or of nearby properties but are not included in CERCLA's definition of hazardous substances (42 U.S.C. §9601(14) or do not otherwise present potential CERCLA liability. In any case, they are beyond the scope of this practice. There may be standards or protocols for assessment of potential hazards and conditions associated with non-scope conditions developed by governmental entities, professional organizations, or other private entities. Asbestos-Containing Building Materials, Lead-Based Paint, and Radon are several non-scope considerations that persons may want to assess in connection with commercial real estate.

	ITEM
1	Based on the age of the building, Asbestos Containing Materials (ACM) and Lead Based Paint (LBP) materials are assumed to be present. Since the site is scheduled for redevelopment it is recommended that any potential ACM, LBP and /or mold be addressed during the redevelopment phase in accordance with applicable regulations.

MECC has not conducted an asbestos, lead based paint or mold evaluation as these items are considered beyond the scope of the ASTM E1527-13 standard. Should the purchaser of the property need these issues addressed, they should retain reputable firms to provide this additional service.

No Historical Recognized Environmental Conditions (HRECs) were reported. In addition no evidence of HRECs were observed during our on-site inspection/ identified in our database search/historical review.

A Historical Recognized Environmental Condition (HREC) is a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority, or meets unrestricted use criteria established by a regulatory authority without subjecting the property to any required controls.

DATA GAPS

A data gap is a lack of or inability to obtain information required by the ASTM E 1527 standard, despite good faith efforts. Data gaps may result from incompleteness in any of the activities required in this practice, including, but not limited to site reconnaissance and interviews.

Based on our reconnaissance, historical searches and documentation reviewed, the following data gaps were identified:

- We are researching the New York City Health Department and Fire Department records for any information of hazardous operations including, past spills, leaks or violations. The information has not yet been received. We will forward any information that appears to impact the scope of this assessment. We anticipate a response within 30-60 days.

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2) INTRODUCTION

2.1 PURPOSE

The report was prepared by Merritt Environmental Consulting Corp., whose purpose is to provide comprehensive Phase I Environmental Site Assessments (ESA) in accordance with ASTM E1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.

2.2 SCOPE OF WORK

For the Phase I Environmental Site Assessment (ESA), Merritt Environmental Consulting Corp. performed the following primary tasks:

1. Physical site inspection by Environmental Professionals (EPs) *who traversed the interior and exterior areas of the site by foot, in addition to conducting a review of adjacent areas and their exteriors.*
2. Investigations of historical usage of site based upon:
- *a. Interview of persons knowledgeable about the sites current and past usage.*
- *b. Review of historical Sanborn fire insurance maps*
- *c. Review of USGS geologic and 7.5 Minute Topographical Maps.*
- *d. Review of aerial photographs*
- *e. Review of city directories*

3. Review of the federal and state environmental databases as per ASTM E1527-13 guidelines, as well as a review of pertinent information provided by local government records.
4. Visual inspection of site for the presence of electrical transformers that may contain polychlorinated biphenyl (PCBs).
5. Visual inspection of water supply, gas supply, garbage disposal practices, storm and sanitary discharge methods.
6. Visual inspection for petroleum storage tanks, above and below grade, stored on site.
7. Unless provided with a Client/Lender Scope of Work (SOW) prior to inspection, no other items have been included.

2.3 SIGNIFICANT ASSUMPTIONS

Information and records provided by the client and outside vendors retained by Merritt Environmental Consulting Corp. are assumed to be correct and complete.

2.4 LIMITATIONS AND EXCEPTIONS

The contents of this report are correct to our knowledge and belief. This report and conclusions stated herein are, however, limited to actual knowledge based upon a visual inspection of the Property, the examination of readily available public records concerning the current and prior use of the Property, and interviews with individuals knowledgeable about present and past property uses.

Merritt Environmental Consulting Corp. has performed this Phase I Environmental Site Assessment (ESA) of the Property in accordance with the detailed scope of work in section 2.2.

Merritt Environmental Consulting Corp. cannot guarantee that the "Property" is completely free of hazardous substances or other materials or conditions that could subject the Client to potential liability. The presence or absence of any such condition can only be confirmed through the collection and analysis of soil and groundwater samples, as well as through testing building materials that may contain asbestos or lead paint. This is beyond the scope of the investigation.

Merritt Environmental Consulting Corp. has no interest other than professional in this Assessment and neither its performance, nor compensation for same, is contingent upon the findings and recommendations that are represented herein.

Transfer Property Acts

Many states have enacted property transfer laws that require notification of environmental conditions to a buyer. This ESA is not designed to meet those parameters or determine if a transfer act applies to the subject site

2.5 SPECIAL TERMS AND CONDITIONS

There are no special terms or conditions to the content of the report that are in addition to the scope outlined in Section 2.2.

2.6 RELIANCE

This Phase I Assessment was performed at the client's request utilizing methods and procedures that are consistent with acceptable professional standards ASTM-E1527-13.

The report has been prepared for the sole use of MECC's client. No other party may use the report without the written authority of MECC.

3) SITE DESCRIPTION

3.1 LOCATION AND LEGAL DESCRIPTION

The Property address is 710 Grand Street. The legal site address is Block 2788, Lot 19. The site is located in the Williamsburg section of Brooklyn, New York.

3.2 SITE AND VICINITY GENERAL CHARACTERISTICS

The current site is situated on a plot size 2,500 square feet.

The current structure was built in circa 1920.

The weather conditions during our on-site inspection consisted of clear skies. The temperature was approximately 67°.

3.3 CURRENT USE OF THE PROPERTIES

The current use of the Property consists of one (1) commercial unit on the ground floor (Active Warehouse). The 2nd and 3rd floors are vacant.

3.4 DESCRIPTIONS OF STRUCTURES, ROADS AND OTHER IMPROVEMENTS

A. The Property consists of a 3-story residential and commercial building. The site is located on a plot size approximately 2,500 square feet (building size is approximately 1,375 square feet). There is a basement which houses the boiler room as well as other utilities.

B. The Property is located on the south side of Grand Street between the corners of Graham Avenue and Manhattan Avenue.

C. The heating system for the Property is located in the basement and is supplied by a gas fired steam boiler. In addition, there is a gas fired roof top HVAC unit which supplies heat to the ground floor store.

D. STORM AND SANITARY DISCHARGE

On-site sanitary systems such as cesspools /septic tanks are not designed to carry liquids and solids away from the property like municipal sewer systems. They are designed to hold liquids and solids in a constricted structure (septic tank) or leach out into subsurface soils (cesspools). In addition, many on-site sanitary designs include overfill pools to handle the additional liquid /solids when the primary pool reaches capacity. Contaminants have a greater ability to collect in these structures and adversely impact their soils than a municipal sewer system.

FINDINGS

There are no on-site sanitary services such as cesspools or septic tanks located on the Property. The sanitary discharge for this building empties into the New York City sewer system located under Grand Street.

E. WATER SUPPLY

The domestic water is supplied by New York City through aqueducts from upstate reservoirs. There are no private groundwater wells servicing this property.

No testing of the water was conducted under this scope.

F. GARBAGE DISPOSAL

There are currently no active incinerators located on the Property. The garbage to be disposed of is placed in portable cans with covers. These containers are picked up several times per week by private sanitation.

3.5 CURRENT USES OF THE ADJOINING PROPERTIES

ASTM defines adjoining properties as any real property or properties the border of which is contiguous or partially contiguous with that of the Property but for a street, road, or other public thoroughfare separating them.

Contamination originating at adjacent sites has the potential to impact the Property via groundwater flow and vapor encroachment. The current uses of the adjacent properties are as follows:

North	Grand Street /3-story residential and commercial building (717 Grand Street)
South	3-story residential building (159 Maujer Street)
East	3-story residential and commercial building (714 Grand Street)
West	4-story residential and commercial building (706 Grand Street)

This area of Brooklyn has been observed to be generally residential and commercial in nature. The current uses of the adjoining sites do not indicate Recognized Environmental Conditions (RECs) in connection with the Property at this time.

4) USER PROVIDED INFORMATION

The "user" is the party seeking to use Practice E1527 to complete an environmental site assessment, a potential purchaser of the property, a potential tenant of property, an owner of property, a lender or property manager. The user has specific obligations for completing a successful application of this practice.

According to the ASTM E1527-13 Standard, in order to qualify for one of the Landowner Liability Protections (LLPs) offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "Brownfields Amendments"), the user must provide the following information (if available) to the Environmental Professional. Failure to provide this information could result in a determination that "all appropriate inquiry" is not complete.

A user questionnaire was forwarded to Mr. Haim Kedmi on March 7, 2016. The information received has been included in this section and throughout the report (See Appendix A).

Reasonably ascertainable recorded land title records and lien records that are filed under federal, tribal, state, or local law should be reviewed to identify environmental liens or activity and use limitations, if any, that are currently recorded against the property. Environmental liens and activity and use limitations that are imposed by judicial authorities may be recorded or filed in judicial records, and, where applicable, such records should be reviewed.

4.1 TITLE RECORDS

Recorded land title records are records of historical fee ownership which may include leases, land contracts and Activity and Use Limitations (AULs) on or of the Property recorded in a place where land title records are, by law or custom, recorded for the local jurisdiction in which the Property is located.

No title records were provided.

4.2 ENVIRONMENTAL LIENS

No information regarding environmental liens and/or Activity and Use Limitations (AULs) has been provided to MECC by the user. According to the questionnaire, the user is not aware of any Environmental Liens, or AULs associated with the property (See Appendix A).

MECC has retained Environmental Data Resources (EDR) to conduct an Environmental Lien Search on the site. No environmental liens were indicated (See Appendix A).

4.3 SPECIALIZED KNOWLEDGE

Users must take into account their specialized knowledge to identify conditions indicative of releases or threatened releases. If the user has any specialized knowledge or experience that is material to Recognized Environmental Conditions (RECs) in connection with the property, the user should communicate any information based on such knowledge or experience.

No information regarding specialized knowledge was provided.

4.4 COMMONLY KNOWN OR REASONABLY ASCERTAINABLE INFORMATION

As per the ASTM E1527-13 standard, commonly known or reasonably ascertainable information within the local community about the Property must be taken into account by the user. If the user is aware of any such information about the Property, that is material to recognized environmental conditions in connection with the Property, the user should communicate this information to the Environmental Professional (MECC).

No commonly known or reasonably ascertainable information regarding the Property has been provided to MECC.

4.5 VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES

In a transaction involving the purchase of commercial real estate the user shall consider the relationship of the purchase price of the property to the fair market value of the property if the property was not affected by hazardous substances or petroleum products. This practice does not require that a real estate appraisal be obtained in order to ascertain fair market value of the property. The user must gather such information to the extent necessary to identify conditions indicative of releases or threatened releases of hazardous substances or petroleum products.

No information regarding the valuation reduction for environmental issues was provided by the user.

4.6 OWNER, PROPERTY MANAGER AND OCCUPANT INFORMATION

The current owner of the site is Jaroah Inc. which purchased the property in 2006.

The current use of the Property consists of one (1) commercial unit on the ground floor (Active Warehouse). The 2nd and 3rd floors are vacant.

4.8 OTHER/ADDITIONAL INFORMATION PROVIDED

The following additional information was provided:

- Site Survey

5) RECORDS REVIEW

5.1 STANDARD ENVIRONMENTAL RECORD SOURCES

The federal government and New York State have compiled database lists of contaminated, potentially hazardous and regulated sites that may impact the subject property. Environmental Data Resources (EDR) has provided this information to Merritt Environmental Consulting Corp. (MECC).

5.1A DATABASE SEARCHES

The following Federal and State databases were provided to Merritt Environmental Consulting Corp. (MECC) on March 15, 2016. MECC has reviewed the following databases, with the corresponding distance.

FINDINGS

The closest 10 sites have been included in Appendix A.

Due to the density of the area, several of the site printouts have been omitted from the report.

FEDERAL

	Database	Radius Searched	Last Updated
1.	Federal National Priority List	1 Mile	10/30/15
2.	Federal Delisted National Priority List	½ Mile	10/30/15
3.	Federal CERCLIS list	½ Mile	10/25/13
4.	Federal CERCLIS NFRAP list	½ Mile	10/25/13
5.	Federal RCRA CORRACTS facilities list	½ Mile	06/09/15
6.	Federal RCRA TSD facilities list	½ Mile	06/09/15
7.	Federal RCRA generators list	Property & Adjacent Sites	06/09/15
8.	Federal Institutional/ Engineering Control list	Property	09/10/15
9.	Federal ERNS list	Property	06/22/15

National Priority List (NPL) - list compiled by EPA pursuant to CERCLA 42 USC 9605(a)(8)(B) of properties with the highest priority for cleanup pursuant to EPA's Hazard Ranking System.

Findings: 1 site located within a 1-mile radius.

Delisted National Priority List (NPL): National Priority List Deletions: The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Findings: No sites located within a ½ -mile radius.

Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) - the list of sites compiled by EPA that EPA has investigated or is currently investigating for potential hazardous substance contamination for possible inclusion on the National Priorities List.

Findings: No sites located within a ½ -mile radius.

CERCLIS No Further Remedial Action Planned (CERCLIS NFRAP) - Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Findings: No sites located within a ½-mile radius.

Federal RCRA CORRACTS facilities list-CORRACTS: Corrective Action Report. CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Findings: 1 site located within a ½-mile radius.

Resource Conservation Recovery Act (RCRA) Treatment Storage Disposal (TSD) facilities - those facilities on which treatment, storage, and/or disposal of hazardous wastes takes place, as defined and regulated by RCRA. Inclusion on the RCRA TSD list does not imply contamination has occurred at the site.

Findings: No sites located within a ½-mile radius.

Resource Conservation Recovery Act (RCRA) generators list - list kept by EPA of those persons or entities that generate hazardous wastes as defined and regulated by RCRA. Inclusion on the RCRA list does not imply contamination has occurred at the site.

Findings: No generators listed at property.
11 generators listed within a ¼-mile radius.

Federal Engineering and Institutional Controls – properties where engineering controls have been placed to mitigate contaminant migration/and or to reduce the potential of human exposure to contaminants; institutional controls typically consist of property use restrictions as recorded on deed notices.

Findings: Site not listed.

Emergency Response Notification System (ERNS) list - list of reported CERCLA hazardous substance releases or spills in quantities greater than the reportable quantity, as maintained at the National Response Center. Notification requirements for such releases or spills are codified in 40 CFR Parts 302 & 355.

Findings: Site not listed.

STATE, TRIBAL, AND LOCAL RECORDS

	Database	Radius Searched	Last Updated
1.	State lists of Hazardous Waste Sites	1 Mile	01/12/16
2.	State landfill/solid waste site lists	½ Mile	01/05/16
3.	State leaking tank lists (LTANKS) /State Spills	½ Mile ⅛ Mile	11/16/15 11/16/15
4.	State Voluntary Cleanup Sites	½ Mile	01/12/16
5.	State Brownfield Sites	½ Mile	01/12/16
6.	State registered tanks	¼ Mile	12/29/15
7.	State Institutional/ Engineering control lists	Property & Adjacent Sites	01/12/16
8.	Indian Reservation	1 Mile	12/31/05
9.	Indian LUST	½ Mile	N/A
10.	Indian UST	¼ Mile	N/A
11.	Indian VCP	½ Mile	N/A

State Hazardous Waste Sites (SHWS) - the New York State Department of Environmental Conservation (NYSDEC) lists the contaminated sites throughout the State. This is the state equivalent to the federal National Priority List.

Findings: 12 sites located within a 1-mile radius.

Solid Waste Disposal Site - any place, location, tract of land, area, or premises used for the disposal of solid wastes as defined by state solid waste regulations. The term is synonymous with the term landfill and is also known as a garbage dump, trash dump or by similar terms.

Findings: 1 site located within a ½-mile radius.

Spill Logs/LTANKS list – New York State Department of Environmental Conservation (NYSDEC) has a computerized list of spills that have occurred as of 1986, including the present status of the sites. In addition, the leaking tank (LTANKS) database was also reviewed for reported incidents in the area.

Findings: 34 LTANKS located within a ½-mile radius.

11 NY Spills located within a 1/8-mile radius.

VCP: Voluntary Cleanup Agreements New York established its Voluntary Cleanup Program (VCP) to address the environmental, legal and financial barriers that often hinder the redevelopment and reuse of contaminated properties. The Voluntary Cleanup Program was developed to enhance private sector cleanup of brownfields by enabling parties to remediate sites using private rather than public funds and to reduce the development pressures on "greenfield" sites.

Findings: No sites located within a ½-mile radius.

Brownfields: Brownfields Site List A Brownfield is any real property where redevelopment or re-use may be complicated by the presence or potential presence of a hazardous waste, petroleum, pollutant, or contaminant.

Findings: 6 sites located within a ½-mile radius.

State registered tanks - state lists of storage tanks required to be registered under Subtitle I. Section 9002 of RCRA.

Findings: No registered tanks located on site.
45 registered tank sites located within a 1/4-mile radius.

E Designation: According to a NYCDOB memorandum (12/23/03), "E" designated lots are amendments to the New York City Zoning Maps that may include environmental designations of certain tax lots that have physical or historical evidence of uses related to hazardous materials. Zoning Resolution 11-15 provides that the Department of Buildings may not issue a building permit for work on a tax lot labeled "E", until the Department of Buildings is provided with a report from the Department of Environmental Protection stating that the environmental requirements for the lot have been met.

Findings: **Site is listed**

Lot 19, Taxblock 2788
710 Grand Street
Brooklyn, NY 11211
E-No. E-232
Description: Hazardous Materials* Phase I and Phase II Testing Protocol
Window Wall Attenuation & Alternate Ventilation

State Engineering and Institutional Controls: Registry of Engineering Controls Environmental Remediation sites that have engineering controls in place. Registry of Institutional Controls Environmental Remediation sites that have institutional controls in place.

Findings: Neither the site nor any property adjoining the site are listed.

Indian Reservation: Indian Reservations This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Findings: No sites located within a 1-mile radius.

Indian LUST: Leaking Underground Storage Tanks on Indian Land. A listing of leaking underground storage tank locations on Indian Land. MECC has been informed that records regarding this database were not made available to EDR for all EPA Regions, including 2 and 3.

Findings: No sites located within a ½-mile radius.

Indian UST: Underground Storage Tanks on Indian Land. A listing of underground storage tank locations on Indian Land. MECC has been informed that records regarding this database were not made available to EDR for all EPA Regions, including 2 and 3.

Findings: No sites located within a ¼-mile radius.

Indian VCP: Voluntary Cleanup Program on Indian Land. A listing of voluntary cleanup priority sites located on Indian Land. MECC has been informed that records regarding this database were not made available to EDR for all EPA Regions, including 2 and 3.

Findings: No sites located within a ½-mile radius.

ADDITIONAL DATABASE RECORDS SEARCHED

	Database	Radius Searched	Last Updated
1.	EDR Manufactured Gas Plants	1 Mile	N/A
2.	EDR US Hist Auto Stations	¼ Mile	N/A
3.	EDR US Hist Cleaners	¼ Mile	N/A

EDR MGP: EDR Proprietary Manufactured Gas Plants The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Findings: 4 sites located within a 1-mile radius.

EDR Historical Auto Stations- EDR has searched selected national collections of business directories and has collected listings of potential gas station /filling station /service station sites that were available to EDR researchers. EDR's review was limited to those categories that might, in EDR's opinion, include gas station /filling station /service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filing station, auto, automobile repair, auto service station, etc.

Findings: 2 sites located within a ¼-mile radius.

EDR US Hist Cleaners-EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR Researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion include dry cleaning establishments. The categories reviewed, included, but were not limited to dry cleaners, cleaners, laundry, Laundromat, cleaning /laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Findings: 3 sites located within a ¼-mile radius.

ORPHAN SITES

Our database review indicated several sites that cannot be positively plotted (orphan sites). A total of 14 sites were classified as orphans. MECC reviewed the orphan summary and identified no property or incident that may be located in close proximity of the site, or which could adversely affect the environmental integrity of the site. In addition, the site is not identified in the orphan summary.

5.2 ADDITIONAL RESOURCES SEARCHED

MECC has used the following websites to research information on the subject property:

- NYC Housing and Preservation
- NYC Department of Finance
- NYC Department of Buildings
- NYCityMap City-Wide GIS

5.3 PHYSICAL SETTING SOURCES

A. BODIES OF WATER

The nearest body of water to the subject site is the English Kills, which is approximately ½ mile east of the site.

B. GROUND WATER FLOW

Through information provided by EDR, hydrological data involving ground water flow has been obtained. Based on our findings, the hydrological groundwater flows in an easterly direction eventually emptying into the English Kills.

Groundwater in this area is at a depth of approximately 38 feet.

Drinking water for the five boroughs has been supplied by the New York reservoir system for many years (See Map in Appendix A). Groundwater is not a primary source of drinking water for Queens.

C. ECOLOGICALLY SENSITIVE AREA

Based on information provided by Environmental Data Resources (EDR), no designated wetlands are located in the immediate vicinity of the property.

D. SITE GEOLOGY AND TOPOGRAPHY

Information pertaining to the hydrogeologic setting in the vicinity of the Property was obtained from a review of selected published documents and maps. United States Geological Survey (USGS) 7.5-minute Topographic Maps were used to characterize surface topography, water table elevation and drainage. Subsurface characteristics were obtained from USGS Surficial and Bedrock Geology Maps.

The Property elevation is approximately 38 feet above mean sea level.

Surface topography is flat with a slight downward slope to the southwest.

The geologic conditions in this area of Brooklyn generally consist of urban soils.

5.4 HISTORICAL USE INFORMATION ON THE PROPERTY

MECC has consulted the following historical sources to develop a history of the previous uses of the Property and surrounding area, in order to help identify the likelihood of past uses having led to Recognized Environmental Conditions (RECs).

In accordance with the ASTM standard, MECC has made an attempt to identify all obvious uses of the property from the present, back to the Property's first developed use, or back to 1940, whichever is earlier. Standard historical sources were available dating back to the year 1887, and the Property's first developed use was as a mixed-use building in the year 1905.

A. Sanborn Fire Insurance maps

Sanborn Fire Insurance maps of the site and immediate area were available for the years 1887, 1905, 1916, 1935, 1942, 1951, 1965, 1978, 1979, 1980, 1981, 1982, 1983, 1986, 1987, 1988, 1989, 1991, 1992, 1993, 1995, 1996, 2001, 2002, 2003, 2004, 2005, 2006 and 2007. The maps indicate the following information:

1887 Site not depicted
1905-2007 Similar to current conditions

B. Aerial Photographs

Aerial Photographs of the site and immediate area were available for the years 1924, 1941, 1951, 1954, 1961, 1966, 1974, 1980, 1984, 1991, 1994, 2006, 2009 and 2011. The photos indicate the following information:

This section of Brooklyn has been developed with residential and commercial buildings from 1924 through the latest aerial photo available (2011).

C. City Directories

City Directories were ordered for the site (See Appendix A). The search indicated the following:

1928-2013 Residential /Commercial Occupants

D. Topographic Maps

A topographic map (topo) is a color coded line-and-symbol representation of natural and selected artificial features plotted to a scale. Topos show the shape, elevation, and development of the terrain in precise detail by using contour lines and color coded symbols. The colors of the lines usually indicate similar classes of information. For example, topographic contours (brown); lakes, streams, irrigation ditches, etc. (blue); land grids and important roads (red); secondary roads and trails, railroads, boundaries, etc. (black).

Historical topographic maps are a valuable historical resource for documenting the prior use of a property and its surrounding area.

Topographic Maps of the site and immediate area were available for the years 1897, 1898, 1900, 1947, 1956, 1967, 1979, 1995 and 2013. The maps reveal that the Property is situated in a densely developed urban area.

E. Building Permit Report

MECC has reviewed EDR's Building Permit Report for the subject site (See Appendix A). The report indicated the following:

Several permits for structural alterations and electrical applications were identified within the report. The information reviewed does not appear to impact the scope of this assessment.

*Due to the size of the Building Permit Report provided, the adjacent property listings have been omitted. They are on file in our office.

DATA FAILURES

A data failure is a failure to achieve the historical research objectives. Even after reviewing standard historical sources. Data failure is one type of data gap.

No significant data failures were noted within the historical research conducted by Merritt Environmental Consulting Corp (MECC).

5.5 HISTORICAL USE INFORMATION ON ADJOINING PROPERTIES

The above historical sources were reviewed by Merritt Environmental Consulting Corp. (MECC) for the adjoining properties on the north, south, east & west.

The adjoining properties have historically been commercial /residential in nature.

6) SITE RECONNAISSANCE

6.1 METHODOLOGY AND LIMITING CONDITIONS

On March 9, 2016, a physical site inspection was performed by an Environmental Professional (EP) who traversed the interior and exterior areas of the site by foot, in addition to conducting a review of adjacent areas and their exteriors.

At the time of our inspection, the following areas were accessed by Mr. Gary Pollack, of our staff: basement areas, boiler room, ground floor, roof top, hallways, utilities areas, random commercial tenant spaces, random floors and all accessible exterior areas of the site.

6.2 GENERAL SITE SETTING

South side of Grand Street
Topography is flat

6.3 EXTERIOR OBSERVATIONS

No on-site wells, drinking water wells, odors, pools of liquid, sumps, pits, ponds or lagoons, were observed during the site reconnaissance.

No potential environmental conditions such as, dead vegetation, gas/chemical spills or storage drums were observed throughout the exterior areas at the time of our inspection.

6.4 INTERIOR OBSERVATIONS

No on-site wells, drinking water wells, odors, pools of liquid, sumps, pits, ponds or lagoons, were observed during the site reconnaissance.

The interior inspection revealed no evidence of any on-site staining of petroleum products, chemicals, or other hazardous materials.

Floor drains were noted at the time of our inspection. No petroleum products, chemicals or other hazardous materials were noted in or around the drains.

6.5 UNDERGROUND STORAGE TANKS (UST) AND DRUMS

Each year, thousands of petroleum leaks and spills are reported nationwide. Thousands of others may go unreported mainly because they have not yet been discovered. These leaks can enter the ground, seep into an aquifer and contaminate a water supply. In some places, water wells have been closed down and people have had to vacate their homes. Even small amounts of petroleum in soil or groundwater can be tasted or smelled and can subsequently affect health.

Leaking petroleum storage tanks are a major source of groundwater contamination. Many older tanks are bare steel and were installed underground in the 1950s and 1960s. These tanks have weakened by rust and have a fifty percent chance of developing leaks.

FINDINGS

A visual inspection and physical walkover of the property indicated that there are no signs of underground storage tanks (USTs) located on the property.

6.6 ABOVEGROUND STORAGE TANKS (AST)

Aboveground Storage Tanks (ASTs) are less susceptible to leaking mainly because they are typically located in basement areas and protected from weather related elements that cause premature failure. In addition, since ASTs are usually visible and accessible they are easier to inspect than buried tank vessels. According to the Part 613 of Title 6 of the New York State Code of Rules and Regulations (NYCRR) tanks in subterranean vaults or basements which cannot be visually inspected are considered underground tanks and must be tested.

FINDINGS

No above ground tanks or storage drums were observed in any of the accessible areas at the time of our inspection. During our reconnaissance, a sealed fill line was observed in front of the building. This fill appears to have been associated with a basement heating oil AST that has since been removed.

Due to the size of the building, it is assumed that the tank was less than 1,100 gallons and therefore not required to be regulated by the New York State Department of Environmental Conservation (NYSDEC).

6.7 ELECTRICAL TRANSFORMERS (PCBs)

Transformers often contain polychlorinated biphenyl (PCB) Askarel coolant liquid and are generally used in hazardous locations where flammability is of concern. PCB transformers are no longer produced because of EPA's ban on the manufacture of new equipment containing PCBs. However, older equipment does remain in certain areas and may contain PCBs.

As of January, 1979, polychlorinated biphenyls (PCB) and other toxic materials used in fluorescent ballasts were phased out. Any building constructed prior to 1979 may contain PCB in minor quantities and is not considered a major health threat.

Further evaluation goes beyond the scope of a Phase I Environmental Report. Should you need any additional information, a technical engineer may be contacted for assistance.

FINDINGS

No electrical transformers were observed on the property.

As per the Toxic Substance Control Act (TSCA), the transformer owner, i.e. the utility company, is responsible for all transformer maintenance and all spills of PCBs from their transformers.

Fluorescent light fixtures were not inspected for PCB content under the scope of this assessment.

6.8 NATURAL GAS

There is one underground gas main entering the building from Grand Street. The main is connected to a meter located in the basement. The gas is then distributed throughout the building by branch lines of black iron pipe.

Gas service is provided by National Grid.

6.9 VAPOR ENCROACHMENT

A Vapor Encroachment Condition (VEC) is defined by ASTM E2600-10 as the presence or likely presence of contaminant of concern (COC) vapors in the subsurface of the Target Property (TP) caused by contaminated soil or groundwater. This can occur at the TP or adjoining properties.

MECC conducted a review of historical resources and regulatory database listings to identify any potential sources of contamination at the subject site that may result in Vapor Encroachment. In addition, MECC has reviewed available information for surrounding properties within the appropriate search distances to identify potential sources of a VEC at the subject site.

This is not intended to meet the criteria of a Vapor Encroachment Screen (VES) as outlined by ASTM E2600-10 Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transaction. This is beyond the scope of a Phase I ESA.

FINDINGS:

Based on a review of the EDR Report, the subject property is not identified in the State Records Search or in the Federal Records Search that would indicate any reported releases. The historical use information did not identify any prior usage that would warrant further investigation. Therefore the subject property does not appear to be a source of a Vapor Encroachment Condition or Vapor Intrusion Condition.

Utilizing the information provided by EDR, MECC has researched within the appropriate search distances to identify any potential sources of a VEC within the minimum search distances outlined in the ASTM E2600-10 Standard.

Based on a review of the EDR Report, no properties within the search distances given by the ASTM E2600-10 Standard appear to be a potential source of a VEC. The historical use information did not identify any prior usage of the adjoining properties that would warrant further investigation. Therefore the adjoining properties do not appear to be a source of a Vapor Encroachment Condition or Vapor Intrusion Condition.

Based on the property and adjacent properties usage and geographic layout, MECC does not recommend any further Vapor Encroachment (VE)/ Vapor Intrusion (VI) investigation at this time.

Any work conducted to address the "E" designation will aide in determining if any sub-surface impacts are present and can better define whether a VEC exists at the site.

6.10 NON-SCOPE ASTM CONSIDERATIONS

There may be environmental issues or conditions at a property that parties may wish to assess in connection with commercial real estate that are outside the scope of this practice (the non-scope considerations).Some substances may be present on a property in quantities and under conditions that may lead to contamination of the property or of nearby properties but are not included in CERCLA's definition of hazardous substances (42 U.S.C. §9601(14) or do not otherwise present potential CERCLA liability. In any case, they are beyond the scope of this practice. There may be standards or protocols for assessment of potential hazards and conditions associated with non-scope conditions developed by governmental entities, professional organizations, or other private entities. Asbestos-Containing Building Materials, Lead-Based Paint, and Radon are several non-scope considerations that persons may want to assess in connection with commercial real estate.

A. ASBESTOS

Asbestos is the name given to several types of fire resistant mineral fiber found in rocks. These minerals are not easily destroyed or degraded by natural processes. Those minerals that have been used most commonly by the construction industry include chrysotile, actinolite, amosite, anthrophyllite, crocidolite and tremolite.

Because of its superior insulating and tensile ability, asbestos has traditionally been used by the building industry in varied forms. Between 1920 and 1980, blanket-type pipe insulation of ACM was prevalent in commercial and residential dwellings. Furthermore, buildings built or remodeled between 1945 and 1978 were often completed with a friable ACM sprayed or trowelled onto the ceiling or walls.

The EPA has identified over 3,000 products containing asbestos that have been used in building construction since World War II.

Friable asbestos, as defined by the Federal Environmental Protection Agency as any material, which may be pulverized with hand pressure. This material has the potential to release asbestos fibers into the atmosphere and in turn may be hazardous to the building occupants' health.

Non-friable asbestos can be found in materials such as vinyl asbestos floor tiles, exterior asbestos shingles, asbestos roofing felts, etc. Many of these materials are still manufactured today and not considered hazardous unless the material is cut, sawed, or grounded in a manner that might release asbestos fibers into the atmosphere.

ASBESTOS FINDINGS

Based on the age of the building, Asbestos Containing Materials (ACM) are assumed to be present. Since the site is scheduled for redevelopment it is recommended that any potential ACM be addressed during the redevelopment phase in accordance with applicable regulations.

MECC has not conducted an asbestos evaluation as this item is considered beyond the scope of the ASTM E1527-13 standard. Should the client need this item addressed, they should retain reputable firms to provide this additional service.

B. LEAD BASED PAINT

Lead-based paint (LBP) was used extensively in buildings and structures that were constructed prior to 1978 and can be hazardous when damaged (i.e., chipped, broken, crumbling, pulverized); lead is toxic to humans particularly to children, if ingested, inhaled, or otherwise absorbed. Exposure to lead can cause health problems in children ranging from damage to the brain and nervous system, behavioral and learning problems (such as hyperactivity), slowed growth, hearing problems and headaches. In adults the health problems can range from difficulties during pregnancy, other reproductive problems, high blood pressure, digestive problems, nerve disorders, memory and concentration problems and muscle and joint pain.

Our research indicates the building was constructed **prior to 1978**, and lead based paint may be present throughout the building.

FINDINGS

Based on the age of the building, Lead Based Paint (LBP) Materials are assumed to be present. Since the site is scheduled for redevelopment it is recommended that any potential LBP be addressed during the redevelopment phase in accordance with applicable regulations.

MECC has not conducted a lead based paint evaluation as this item is considered beyond the scope of the ASTM E1527-13 standard. Should the client need this issue addressed, they should retain reputable firms to provide this additional service.

Research of the Housing Preservation and Development (HPD) Department records did not reveal any lead based paint violations against the subject site (See Appendix A).

New York City Local Law 101A was enacted on August 1, 2004 and focuses on dwelling units and common areas in buildings built before 1960. Owner occupied cooperatives and condominiums are exempt – but common areas in these buildings are covered under the law. An owner has the obligation to investigate in any apartment in a pre-1960 building occupied by a child seven years of age or under and in common areas for all of the conditions that might create a lead paint hazard. These investigations are required at least once a year.

The owner is required to correct a lead based paint hazard which is defined as “any condition in a dwelling or dwelling unit that causes exposure to lead from lead-contaminated dust, or from lead based paint that is peeling, or from lead based paint that is present on chewable surfaces, deteriorated sub-surfaces, friction surfaces, or impact surfaces that would result in adverse human health effects”.

This Phase I Environmental Site Assessment (ESA) is not designed to make a determination of a building owners compliance with local law 101A.

A lead based paint survey in accordance with The Housing & Urban Development (HUD) guidelines was not conducted under the scope of this assessment.

C. MOLD

Mold contamination has become the cause of rising public concern. Mold not only creates a serious health hazard with a variety of on-going illnesses, infections, and disease- its presence can lower the value of the real estate in question.

Mold is often encountered after flooding, catastrophic damage, or as a result of construction defects or damage to building components which allow moisture to be trapped within a building. Since mold can often be contained beyond visible areas it is difficult to control these potential risks from underneath floors, inside walls, and in HVAC systems without the help of professionals.

FINDINGS

Since the site is scheduled for redevelopment it is recommended that any potential mold be addressed during the redevelopment phase in accordance with applicable regulations.

MECC has not conducted a comprehensive Indoor Air Quality (IAQ) or mold evaluation as these items are considered beyond the scope of the ASTM E1527-13 standard. Should the client need these issues addressed, they should retain reputable firms to provide this additional service.

D. RADON

Radon first gained national attention in early 1984, when extremely high levels of indoor radon were found in areas of Connecticut, Pennsylvania, New Jersey, and New York. Radon is a colorless, odorless radioactive gas. Nearly one out of every 15 homes in the U.S. is estimated to have elevated annual average levels of indoor radon. EPA established a Radon Program in 1985 to assist States and homeowners in reducing their risk of lung cancer from indoor radon.

FINDINGS

The New York State Department of Health indicates the average radon level for this area of Brooklyn to be 1.4 picocuries per liter (pCi/L), which is below the EPA action level of 4 pCi/L.

A radon canister was not initiated at the time of our inspection since this is beyond the scope of this assessment.

E. LEAD IN WATER

The U.S. Environmental Protection Agency estimates that drinking water can comprise 20% or more of a person's total exposure to lead. Although lead in drinking water is rarely the single cause of lead poisoning, it can significantly increase a person's total lead exposure. Infants who are fed baby formula or drinks mixed with hot water from the tap are the most vulnerable to lead in drinking water. Lead solder can leach into the water supply. Standing water in the piping system can aid in the leaching process.

The EPA action level for lead in drinking water is 15 parts per billion, (PPB).

A sample with lead levels that equal or exceed 15 PPB is considered to have elevated levels of lead, and it is recommended that response action be taken. This response action may include additional testing, replacement of plumbing components, or an operations and maintenance program.

FINDINGS

No lead water mains were observed in the accessible areas of the Property at the time of our inspection.

7) INTERVIEWS

7.1 INTERVIEW WITH OWNER

The owner was not present during our inspection.

7.2 INTERVIEW WITH SITE REPRESENTATIVE

During our on-site visit, we interviewed Mr. Aaleen, who is the tenant and associated with the site for 2 years.

Copies of the above records of communications are included in Appendices, Section 10.6.

7.3 INTERVIEWS WITH OCCUPANTS (TENANTS)

No other individuals were interviewed regarding the facility.

7.4 INTERVIEWS WITH LOCAL GOVERNMENT OFFICIALS

Government Agency

We are researching the following state and local agency records for any information of hazardous operations including, past spills, leaks or violations:

- New York State Health Department
- New York City Fire Department

The information has not yet been provided. We will forward any information that appears to impact the scope of this assessment. We anticipate a response within 30-60 days.

"E" Designation

The subject property is documented as an "E" designated lot at the NYC Department of Buildings as part of the Greenpoint - Williamsburg Contextual Rezoning:

Lot 19, Taxblock 2788
710 Grand Street
Brooklyn, NY 11211
E-No. E-232
Description: Hazardous Materials* Phase I and Phase II Testing Protocol
Window Wall Attenuation & Alternate Ventilation

The "E" designation would require that the fee owner of the site conduct a testing and sampling protocol and remediation where appropriate, to the satisfaction of the NYCOER before the issuance of a building permit by the Department of Buildings. Once approval is granted by the

NYCOER, the work can be performed in accordance to required regulations in order to receive a notice of satisfaction.

An "E" designation only needs to be complied with during the redevelopment of a site. Part of the "E" designation submittal includes architectural drawings on the proposed development.

The process to remove an "E" designation and receive a notice of satisfaction includes the following:

- **Submitting a work plan to the New York City Office of Environmental Remediation (NYCOER)**
- **Conducting a sub-surface investigation**
- **Submit results to the NYCOER**

The process can take several months and cost approximately $30,000-$40,000 to satisfy the requirement for removing an "E" designation. However, the "E" designation is only addressed during the redevelopment of a site.

The subject site is scheduled for redevelopment. Under the NYCOER E-designation program, a comprehensive environmental investigation must be conducted in accordance with receiving a NYCOER notice to proceed-notice of satisfaction. The scope of work required, may uncover additional sub-surface impacts not previously discovered or tested for (IE: pesticides/herbicides/metals).

7.5 INTERVIEWS WITH OTHERS

No additional interviews were conducted as part of this assessment.

8) REPORT FINDINGS

Based on our site reconnaissance, database review and historical investigation, the following Recognized Environmental Conditions (RECs) were noted at the time of our inspection.

A Recognized Environmental Condition is the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment.

"E" DESIGNATION

The subject property is documented as an "E" designated lot at the NYC Department of Buildings as part of the Greenpoint - Williamsburg Contextual Rezoning:

Lot 19, Taxblock 2788
710 Grand Street
Brooklyn, NY 11211
E-No. E-232
Description: Hazardous Materials* Phase I and Phase II Testing Protocol
Window Wall Attenuation & Alternate Ventilation

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- Submit results to the NYCOER

The process can take several months and cost approximately $30,000-$40,000 to satisfy the requirement for removing an "E" designation. However, the "E" designation is only addressed during the redevelopment of a site.

The subject site is scheduled for redevelopment. Under the NYCOER E-designation program, a comprehensive environmental investigation must be conducted in accordance with receiving a NYCOER notice to proceed-notice of satisfaction. The scope of work required, may uncover additional sub-surface impacts not previously discovered or tested for (IE: pesticides/herbicides/metals).

In addition, no de minimis conditions were noted.

A de minimis condition is one that generally does not present a material risk of harm to public health or the environment and that generally would not be subject of an enforcement action if brought to the attention of appropriate governmental agencies (excluding local asbestos & lead situations).

No Controlled Recognized Environmental Conditions (CRECs) were noted.

A Controlled Recognized Environmental Condition (CREC) is an environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (e.g., property use restrictions, AULs, institutional controls, or engineering controls).

NON-SCOPE CONSIDERATIONS

There may be environmental issues or conditions at a property that parties may wish to assess in connection with commercial real estate that are outside the scope of this practice (the non-scope considerations). Some substances may be present on a property in quantities and under conditions that may lead to contamination of the property or of nearby properties but are not included in CERCLA's definition of hazardous substances (42 U.S.C. §9601(14) or do not otherwise present potential CERCLA liability. In any case, they are beyond the scope of this practice. There may be standards or protocols for assessment of potential hazards and conditions associated with non-scope conditions developed by governmental entities, professional organizations, or other private entities. Asbestos-Containing Building Materials, Lead-Based Paint, and Radon are several non-scope considerations that persons may want to assess in connection with commercial real estate.

	ITEM
1	Based on the age of the building, Asbestos Containing Materials (ACM) and Lead Based Paint (LBP) materials are assumed to be present. Since the site is scheduled for redevelopment it is recommended that any potential ACM, LBP and /or mold be addressed during the redevelopment phase in accordance with applicable regulations.

MECC has not conducted an asbestos, lead based paint or mold evaluation as these items are considered beyond the scope of the ASTM E1527-13 standard. Should the purchaser of the property need these issues addressed, they should retain reputable firms to provide this additional service.

No Historical Recognized Environmental Conditions (HRECs) were reported. In addition no evidence of HRECs were observed during our on-site inspection/ identified in our database search/historical review.

A Historical Recognized Environmental Condition (HREC) is a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority, or meets unrestricted use criteria established by a regulatory authority without subjecting the property to any required controls.

9) OPINIONS

Based on our site reconnaissance, database review, historical review and interviews with persons familiar with the subject site and adjacent properties, the above Recognized Environmental Conditions (RECs) and non-scope considerations were identified under the scope of services outlined in Section 2.2.

Based on our site reconnaissance, database review, historical review and interviews with persons familiar with the subject site and adjacent properties, no de minimis conditions or Controlled Recognized Environmental Conditions (CRECs) were identified under the scope of services outlined in Section 2.2.

No Historical Recognized Environmental Conditions were indicated or discovered during our on-site inspection / database review / Historical Research.

10) CONCLUSION

Merritt Environmental Consulting Corp has performed a Phase I Environmental Site Assessment (ESA) in conformance with the scope and limitations of ASTM Practice E1527 of 710 Grand Street, Brooklyn, New York 11211, the property. Any exceptions to, or deletions from, this practice are described in Section [2.2] of this report.

11) DEVIATIONS

The assessment was performed in accordance with the ASTM 1527-13 Standards as well as the detailed scope of services outlined in section 2.2 of this report.

12) ADDITIONAL SERVICES

No additional services were performed beyond the detailed scope of services in section 2.2.

13) REFERENCES

All references relied upon are located in Appendix A.

14) SIGNATURE OF ENVIRONMENTAL PROFESSIONAL

We thank you for allowing Merritt Environmental Consulting Corp., to serve as your Environmental Consultant for this project. We declare that, to the best our professional knowledge and belief, we meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312, and

We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed the "All Appropriate Inquiries" in conformance with the standards and practices set forth in 40 CFR Part 312.

Should you have any questions regarding the contents of this report, please feel free to contact us to discuss the report in further detail.

Site Inspector:

Reviewed by:

Gary Pollack
Environmental Professional

Charles G. Merritt
Environmental Professional /LEED AP

15) QUALIFICATIONS

See Appendix A

APPENDICES

- Site Photography
- Site Vicinity Map
- Regulatory Records Documentation
- Historical Research Documentation
- Interview Documentation
- Qualifications
- Special Contractual Conditions between User & Environmental Professional (If Applicable)
- Additional Information obtained

S:\Environmental\ASTM 2013/Report/M14602/mw

SITE PHOTOGRAPHY

MERRITT Environmental Consulting Corp.

77 Arkay Drive, Suite D,
Hauppauge, NY 11788
(631) 617-6200, Fax. 631-617-6201
WWW.MERRITTEC.COM

SITE ADDRESS:710 GRAND STREET

PROJECT M14602

VIEW OF FRONT ELEVATION

VIEW OF CLOSED FUEL OIL FILL
NOTED IN FRONT WALK

VIEW OF GAS FIRED HVAC UNIT
NOTED ON ROOF

VIEW OF TYPICAL FLOOR DRAIN
NOTED IN BASEMENT

VIEW OF ELECTRIC METERS
NOTED IN BASEMENT

VIEW OF GAS METER
NOTED IN BASEMENT

77 Arkay Drive, Suite D,
Hauppauge, NY 11788
(631) 617-6200, Fax. 631-617-6201
WWW.MERRITTEC.COM

SITE ADDRESS:710 GRAND STREET

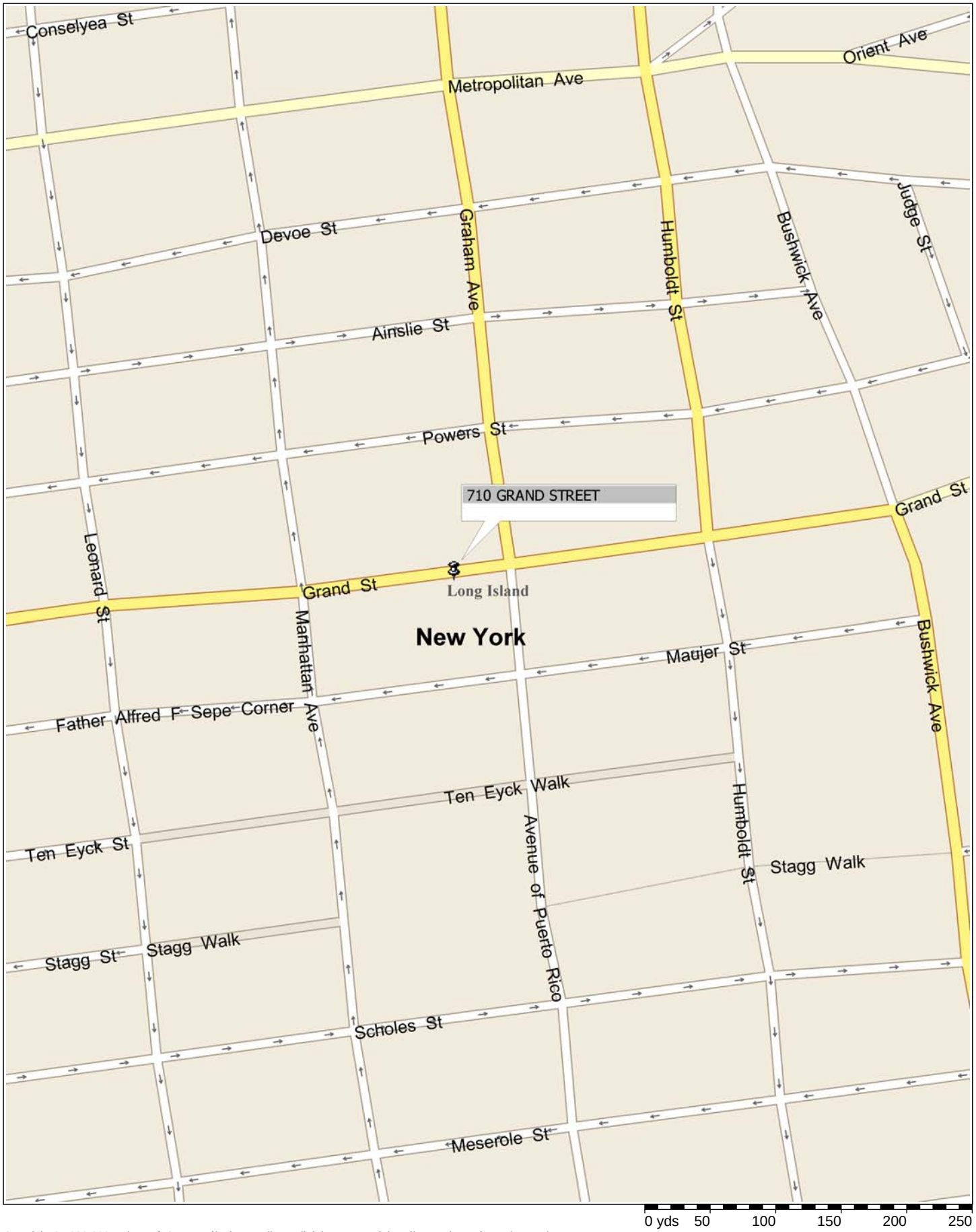
PROJECT M14602

VIEW OF WATER MAIN & METER
NOTED IN BASEMENT

VIEW OF GAS FIRED STEAM BOILER
NOTED IN BASEMENT

SITE VICINITY MAP

New York, New York, United States



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REGULATORY RECORDS DOCUMENTATION

FINAL ASSESSMENT ROLL 2015-2016 | City of New York

Taxable Status Date: January 5, 2015

EXPLANATION OF ASSESSMENT ROLL

View 2016 TENTATIVE ASSESSMENT ROLL
View January 15, 2016 - Market Value History
View May 25, 2015 - Market Value History
View 2015 TENTATIVE ASSESSMENT ROLL
View January 15, 2015 - Market Value History
View May 25, 2014 - Market Value History
View 2014 FINAL ASSESSMENT ROLL
View January 15, 2014 - Market Value History
View 2014 TENTATIVE ASSESSMENT ROLL
View May 25, 2013 - Market Value History
View 2013 FINAL ASSESSMENT ROLL
View January 15, 2013 - Market Value History
View 2013 TENTATIVE ASSESSMENT ROLL
View May 25, 2012 - Market Value History
View 2012 FINAL ASSESSMENT ROLL
View 2012 TENTATIVE ASSESSMENT ROLL
View May 25, 2011 - Market Value History
View 2011 FINAL ASSESSMENT ROLL
View 2011 TENTATIVE ASSESSMENT ROLL
View January 15, 2011 - Market Value History
View 2010 FINAL ASSESSMENT ROLL
View May 25, 2010 - Market Value History
View 2010 TENTATIVE ASSESSMENT ROLL
View 2009 FINAL ASSESSMENT ROLL
View 2008 FINAL ASSESSMENT ROLL
View 2007 FINAL ASSESSMENT ROLL
View 2006 FINAL ASSESSMENT ROLL

Parcel Information

Previous BBL Next BBL

Owner Name:
JAROAH, INC.

Property Address and Zip Code:
710 GRAND STREET 11211

Real Estate Billing Name and Address:
JAROAH, INC.
TRANSIT
406 BROADWAY
NEW YORK NY 10013

Borough: BROOKLYN
Block: 2788
Lot: 19

Tax Class: 1
Building Class: S2 Codes

Land Information

Lot Size	Irregular	Corner
25.00FT X 100.00FT		

Building Information

Number of Buildings	Building Size	Extension	Stories
1	25.00FT X 55.00FT		3

Assessment Information

Description	Land	Total
ESTIMATED MARKET VALUE		571,000
6-20% LIMITATION	10,171	26,763
ACTUAL EX AV	0	0

Taxable/Billable Assessed Value

	Assessed Value
SUBJECT TO ADJUSTMENTS, YOUR 2015/16 TAXES WILL BE BASED ON	26,763

Property is assessed at the following uniform percentages of full market value, unless limited to a lesser amount by law:

Class 1 - 6% **Class 2 - 45%** **Class 3 - 45%** **Class 4 - 45%**

Statements List | Select a BBL | Logon to NYCProperty

NYC Buildings

NYC

CLICK HERE TO SIGN UP FOR BUILDINGS NEWS

NYC Department of Buildings

Property Profile Overview

710 GRAND STREET — **BROOKLYN 11211** — **BIN# 3069592**

GRAND STREET 710 - 710

Health Area	: 800	**Tax Block**	: 2788
Census Tract	: 495	**Tax Lot**	: 19
Community Board	: 301	**Condo**	: NO
Buildings on Lot	: 1	**Vacant**	: NO

View DCP Addresses... **Browse Block**

View Zoning Documents **View Challenge Results** **Pre - BIS PA** **View Certificates of Occupancy**

Cross Street(s):	MANHATTAN AVENUE, GRAHAM AVENUE		
DOB Special Place Name:			
DOB Building Remarks:			
Landmark Status:		**Special Status:**	N/A
Local Law:	NO	**Loft Law:**	NO
SRO Restricted:	NO	**TA Restricted:**	NO
UB Restricted:	NO		
Environmental Restrictions:	HAZMAT/NOISE	**Grandfathered Sign:**	NO
Legal Adult Use:	NO	**City Owned:**	NO
Additional BINs for Building:	NONE		

Special District: UNKNOWN

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

Department of Finance Building Classification: S2-RESIDENCE-MULTI-U

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

	Total	Open
Complaints	1	0
Violations-DOB	4	0
Violations-ECB (DOB)	0	0
Jobs/Filings	5	
ARA / LAA Jobs	1	
Total Jobs	6	
Total Actions	0	

OR Enter Action Type:

OR Select from List: Select...

AND Show Actions

Elevator Records
Electrical Applications
Permits In-Process / Issued
Illuminated Signs Annual Permits
Plumbing Inspections
Open Plumbing Jobs / Work Types
Facades
Marquee Annual Permits
Boiler Records
DEP Boiler Information
Crane Information
After Hours Variance Permits

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

2/29/2016
092815

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

The selected address: 710 GRAND STREET, Brooklyn 11211

HPD#	Range	Block	Lot	CD	CensusTract	Stories	A Units	B Units	Ownership	Registration#	Class
302834 Active	710-710	02788	0019	1	49500	3	2	0	PVT	0	N/A

Other Units

Property Owner Registration Information

Charges

Complaint Status

Complaint History

Submit Certificate of Installation

Litigation/Case Status

Tenant Harassment Report

All Open Violations

prior year Open Viol.'s

Ecertification

Overdue Lead Paint Viol. Correction

I-Card Images

PROS Online

Map

One and two family properties are not required to register with HPD unless neither the property owner nor family members of the owner live on the premises. Owners of these properties can register after obtaining a Registration Number. For more information on how to obtain a Registration Number and register, please return to the HPD home page and search for Property Registration.

No violations were retrieved.

FIRE DEPARTMENT – CITY OF NEW YORK

Public Records Unit / Tanks Section

9 MetroTech Center
Brooklyn, New York 11201-3857
(718) 999-2441 or 2442

Fuel Tank Special Report Request Form

M14602

SECTION A **CUSTOMER INFORMATION**

Please print the required information below.

Scott Devine
Name

77 Arkay Drive, Suite D
Address

Hauppauge, NY 11788
State Zip Code

631-617-6200
Telephone Number

OFFICE USE ONLY

Cashier / Search No.

PRU Staff
Accepted By/Initials:

Searched By:

Total Amount:

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

SECTION B **FUEL TANK REPORT - FEE $10.00 / PER REPORT**

710 Grand Street Brooklyn
House Number Street Name Borough

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

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

PR3 (July-08)

FIRE DEPARTMENT – CITY OF NEW YORK

Public Records Unit / Fire Records Section

9 MetroTech Center
Brooklyn, New York 11201-3857
(718) 999-2681 or 2682

Violation Special Report Request Form

M14602

SECTION A **CUSTOMER INFORMATION**

Please print the required information below.

OFFICE USE ONLY

Cashier / Search No.

PRU Staff
Accepted By/Initials:

Searched By:

Total Amount:

3/4
Date

Scott Devine
Name

77 Arkay Drive, Suite D
Address

Hauppauge NY 11788
Borough, State Zip Code

6316176200
Telephone Number

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

SECTION B **REQUEST VIOLATION REPORT** **FEE $10.00 / PER REPORT**

Please print the required information below.

710 Grand Street Brooklyn
House No Street Name Borough

☑ **EXISTING- ALL NOTICES OF VIOLATION AND VIOLATION ORDERS ISSUED BY THE FIRE PREVENTION**

☐ **EXISTING- ALL SUMMONSES**

Note: This search is limited to outstanding Summonses, Notices of Violation and Violation Orders (VOs) that are reported to be related to a specific address. With respect to VOs this search is limited to VOs issued on January 1, 2008 or thereafter. This search does not contain information on VOs issued by fire companies, unless they were forwarded to the Bureau of Fire Prevention. A requested report will only list the violation numbers. After you have received the Report, you can obtain a copy of any record available for an additional fee of $0.25 (cents) / per page by filling out the copy of violation request form.

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

STATE OF NEW YORK
DEPARTMENT OF HEALTH

E-MAILED

2364 Corning Tower Governor Nelson A. Rockefeller Empire State Plaza Albany, New York 12237

1. TO THE NEW YORK STATE DEPARTMENT OF HEALTH:

I hereby apply to **Inspect** ☐ or **Receive Copies** ☑ of the following records (use additional sheets as needed and attach)

Underground Storage Tanks, site Contamination and Violations - 710 Grand Street, Brooklyn
Project: M14602 Block: 2788 Lot: 19

NAME: Scott Devine PHONE: (631) 617 6200 EMAIL: sdevine@merrittec.com

FIRM: Merritt Environmental

ADDRESS: 77 Arkay Drive Suite D, Hauppauge, NY 11788

SIGNATURE: Scott Devine DATE: 3/4/2016

2. TO THE APPLICANT:

-Records Provided

☐ The reproduction costs for the records are $_____. Please forward a check payable to the New York State Department of Health to the address listed above. If we do not receive your payment within **60** days, we will assume that you no longer wish to receive the materials, and they will be sent back to the originating unit. Accordingly, any future requests for information will require an initial deposit before processing.

☐ Records have been (partially, fully) provided. (If not fully provided, date when records are expected to be fully provided:_____).

-Records Not Available

☐ Records cannot be found after a diligent search.

☐ The Department does not maintain records indicated, please contact:_____

-Records Denied or Redacted

I hereby certify that access to the records—or part of the records—have been denied to the applicant for the reason(s) checked below (You may appeal this denial of access in writing within 30 days to the Records Access Appeals Officer, Empire State Plaza, 1455 Corning Tower, Albany New York 12237):

☐ Specifically exempt by other statute(s).

☐ Unwarranted invasion of personal privacy.

☐ Would impair present or imminent contract awards or collective bargaining negotiations.

☐ Are examination questions or answers.
Are inter-agency or intra-agency materials that are not: -statistical or factual tabulations or data
-instructions to staff that affect the public
-final agency policy or determinations; or
-external audits, including but not limited to audits performed by the comptroller and the federal government.

☐ Are trade secrets.

☐ Could, if disclosed endanger the life of any person.

☐ Are compiled for law enforcement purposes and which, if disclosed would:
-interfere with law enforcement investigations or judicial proceedings
-deprive a person of the right to a fair trial or impartial adjudication
-identify a confidential source or disclose confidential information relating to a criminal investigation, or
-reveal criminal investigative techniques and procedures

☐ Would jeopardize an agency's capacity to guarantee the security of its information technology assets, such assets encompassing both electronic information systems and infrastructures.

Department Representative_____ Date_____

M14602
710 GRAND STREET
Brooklyn, NY 11206

Inquiry Number: 4556130.6
March 04, 2016

The EDR Property Tax Map Report

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

EDR Property Tax Map Report

Environmental Data Resources, Inc.'s EDR Property Tax Map Report is designed to assist environmental professionals in evaluating potential environmental conditions on a target property by understanding property boundaries and other characteristics. The report includes a search of available property tax maps, which include information on boundaries for the target property and neighboring properties, addresses, parcel identification numbers, as well as other data typically used in property location and identification.

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

Disclaimer - Copyright and Trademark Notice

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Finance

NYC Digital Tax Map

Effective Date : 04-26-2011 09:45:40
End Date : Current

Brooklyn Block: 2788

Legend

- Streets
- Miscellaneous Text
- Possession Hooks
- Boundary Lines
- Lot Face Possession Hooks
- Regular
- Underwater
- Tax Lot Polygon
- Condo Number
- Tax Block Polygon

M14602
710 GRAND STREET
Brooklyn, NY 11206

Inquiry Number: 4556130.7
March 07, 2016

EDR Environmental Lien and AUL Search

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

EDR Environmental Lien and AUL Search

The EDR Environmental Lien and AUL Search Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied address information to:

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' offices, registries of deeds, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved, and description); and
- provide a copy of the deed or cite documents reviewed.

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

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EDR Environmental Lien and AUL Search

TARGET PROPERTY INFORMATION

ADDRESS

710 GRAND STREET
M14602
Brooklyn, NY 11206

RESEARCH SOURCE

Source 1:

New York City Register
Kings, NY

PROPERTY INFORMATION

Deed 1:

Type of Deed:	Indenture
Title is vested in:	JAROAH, INC.
Title received from:	H & M LIBERTY REALTY CORP.
Deed Dated	12/31/2006
Deed Recorded:	11/16/2010
Book:	NA
Page:	NA
Volume:	NA
Instrument:	2010100400601001
Docket:	NA
Land Record Comments:	
Miscellaneous Comments:	
Legal Description:	See Exhibit
Legal Current Owner:	JAROAH, INC.
Parcel # / Property Identifier:	Block 2788 Lot 19
Comments:	See Exhibit

ENVIRONMENTAL LIEN

Environmental Lien: Found ☐ Not Found ☒

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

AULs: Found ☐ Not Found ☒

Deed Exhibit 1

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

This page is part of the instrument. The City Register will rely on the information provided by you on this page for purposes of indexing this instrument. The information on this page will control for indexing purposes in the event of any conflict with the rest of the document.

2010100400601001003E78F8

RECORDING AND ENDORSEMENT COVER PAGE

Document ID: 2010100400601001 Document Date: 12-31-2006 Preparation Date: 10-27-2010
Document Type: DEED
Document Page Count: 2

PRESENTER:
BENCHMARK TITLE AGENCY, LLC (PICKUP BY GAIL)
222 BLOOMINGDALE ROAD
BTAC99693
WHITE PLAINS, NY 10605
914-250-2400

RETURN TO:
MARK NESOFF, ESQ.
C/O BENCHMARK TITLE AGENCY LLC
222 BLOOMINGDALE ROAD
WHITE PLAINS, NY 10605

PROPERTY DATA

Borough	Block	Lot	Unit	Address
BROOKLYN	2788	19	Entire Lot	710 GRAND STREET

Property Type: COMMERCIAL REAL ESTATE

CROSS REFERENCE DATA

CRFN_____ *or* Document ID_____ *or* _____ Year____ Reel ___ Page ____ *or* File Number_____

PARTIES

GRANTOR/SELLER:
H & M LIBERTY REALTY CORP.
19-26 HAZEN STREET
EAST ELMHURST, NY 11370

GRANTEE/BUYER:
JAROAH, INC.
710 GRAND STREET
BROOKLYN, NY 11211

FEES AND TAXES

Mortgage		
Mortgage Amount:	$	0.00
Taxable Mortgage Amount:	$	0.00
Exemption:		
TAXES: County (Basic):	$	0.00
City (Additional):	$	0.00
Spec (Additional):	$	0.00
TASF:	$	0.00
MTA:	$	0.00
NYCTA:	$	0.00
Additional MRT:	$	0.00
TOTAL:	$	0.00
Recording Fee:	$	47.00
Affidavit Fee:	$	0.00

Filing Fee:	$	250.00
NYC Real Property Transfer Tax:	$	5,865.53
NYS Real Estate Transfer Tax:	$	1,648.00

RECORDED OR FILED IN THE OFFICE OF THE CITY REGISTER OF THE CITY OF NEW YORK

Recorded/Filed 11-16-2010 13:45
City Register File No.(CRFN):
2010000384022

City Register Official Signature

B7A099693

CONSULT YOUR LAWYER BEFORE SIGNING THIS INSTRUMENT – THIS INSTRUMENT SHOULD BE USED BY LAWYERS ONLY.

THIS INDENTURE, made the 31st day of December, in the year 2006
BETWEEN
H&M Liberty Realty Corp.
19-26 Hazen Street
East Elmhurst, NY 11370
party of the first part, and
Jaroah, Inc.
710 Grand Street
Brooklyn, NY 11211

party of the second part,

WITNESSETH, that the party of the first part, in consideration of ten dollars and other valuable consideration paid by the party of the second part, does hereby grant and release unto the party of the second part, the heirs or successors and assigns of the party of the second part forever,

ALL that certain plot, piece or parcel of land, with the buildings and improvements thereon erected, situate, lying and being in the Borough of Brooklyn, County of Kings, City and State of New York, bounded and described as follows:
Beginning at a point on the southerly side of Grand Street, distant 75 feet westerly from the southwesterly corner of Grand Street and Graham Avenue; running thence southerly parallel with Graham Avenue 100 feet; thence westerly parallel with Grand Street 25 feet; thence northerly parallel with Graham Avenue 100 feet to the southerly side of Grand Street; thence easterly along the southerly side of Grand Street, 25 feet to the point or place of beginning.

Said premises known as 710 Grand Street, Brooklyn, N.Y.

TOGETHER with all right, title and interest, if any, of the party of the first part, in and to any streets and roads abutting the above-described premises to the center lines thereof; TOGETHER with the appurtenances and all the estate and rights of the party of the first party in and to said premises; TO HAVE AND TO HOLD the premises herein granted unto the party of the second part, the heirs or successors and assigns of the party of the second party forever.

AND the party of the first party covenants that the party of the first part has not done or suffered anything whereby the said premises have been encumbered in any way whatever, except as aforesaid.

AND the party of the first part, in compliance with Section 13 of the Lien Law, covenants that the party of the first part will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose.

The word "party" shall be construed as if it read "parties" whenever the sense of this indenture so requires.

IN WITNESS WHEREOF, the party of the first part has duly executed this deed the day and year first above written.

IN PRESENCE OF:
H&M LIBERTY REALTY CORP.

BY: _____
Haim Kedmi, Pres.

By: _____
Haim Kedmi, Sec.

Acknowledgement taken in New York State

State of New York, County of New York, ss:

On the 7 day of Sept, in the year 2010, before me, the undersigned, personally appeared
HAIM KEDMI
personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name (s) is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s) or the person upon behalf of which the individual(s) acted, executed the instrument.

MARK NESOFF
Notary Public, State of New York
No. 4775782
Qualified in Westchester County
Commission Expires March 30, 2011

Acknowledgement by Subscribing Witness taken in New York State

State of New York, County of ,ss:
On the day of , in the year , before me, the undersigned, personally appeared

the subscribing witness to the foregoing instrument, with whom I am personally acquainted, who being by me duly sworn, did depose and say that he/she they reside(s) in

that he/she/they know(s)
to be the individual described in and who executed the foregoing instrument; that said subscribing witness was present and saw said
execute the same; and that said witness at the same time subscribed his/her/their name(s) as a witness thereto.

Title No.: _____

Acknowledgement taken in New York State

State of New York, County of , ss:

On the day of , in the year , before me, the undersigned, personally appeared

personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s) acted, executed the instrument.

SEAL

Acknowledgement taken outside New York State

*State of , County of , ss:
*(or insert District of Columbia, Territory, Possession or Foreign Country)

On the day of , in the year , before me, the undersigned, personally appeared

personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), that by his/her/their signature(s) on the instrument, the individual(s) or the person upon behalf of which the individual(s) acted, executed the instrument, and that such individual made such appearance before the undersigned in the

(add the city or political subdivision and the state or country or other place the acknowledgement was taken).

SECTION:
BLOCK: 2788
LOT: 19
COUNTY OR TOWN: KINGS

RETURN BY MAIL TO:

Mark Nesoff
1501 Broadway, 22nd Floor
New York, NY 10036

RESERVE THIS SPACE FOR USE OF RECORDING OFFICE

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

2010100400601001003SB679

SUPPORTING DOCUMENT COVER PAGE

Document ID: 2010100400601001 Document Date: 12-31-2006 Preparation Date: 10-27-2010
Document Type: DEED

ASSOCIATED TAX FORM ID: 2010092200329

SUPPORTING DOCUMENTS SUBMITTED:

	Page Count
RP - 5217 REAL PROPERTY TRANSFER REPORT	2

FOR CITY USE ONLY
C1. County Code | C2. Date Deed Recorded Month / Day / Year
C3. Book OR C5. CRFN | C4. Page

REAL PROPERTY TRANSFER REPORT

STATE OF NEW YORK
STATE BOARD OF REAL PROPERTY SERVICES

RP - 5217NYC

(Rev 11/2002)

PROPERTY INFORMATION

1. Property Location: 710 (STREET NUMBER) GRAND STREET (STREET NAME) BROOKLYN (BOROUGH) 11211 (ZIP CODE)
2. Buyer Name: JAROAH, INC. (LAST NAME / COMPANY) (FIRST NAME)
   (LAST NAME / COMPANY) (FIRST NAME)
3. Tax Billing Address: Indicate where future Tax Bills are to be sent if other than buyer address (at bottom of form) (LAST NAME / COMPANY) (FIRST NAME)
   (STREET NUMBER AND STREET NAME) (CITY OR TOWN) (STATE) (ZIP CODE)
4. Indicate the number of Assessment Roll parcels transferred on the deed: 1 # of Parcels OR [ ] Part of a Parcel
   4A. Planning Board Approval - N/A for NYC
   4B. Agricultural District Notice - N/A for NYC
5. Deed Property Size: (FRONT FEET) X (DEPTH) OR (ACRES)
   Check the boxes below as they apply:
   6. Ownership Type is Condominium [ ]
   7. New Construction on Vacant Land [ ]
8. Seller Name: H & M LIBERTY REALTY CORP. (LAST NAME / COMPANY) (FIRST NAME)
   (LAST NAME / COMPANY) (FIRST NAME)
9. Check the box below which most accurately describes the use of the property at the time of sale:

A [ ]	One Family Residential	C [ ]	Residential Vacant Land	E [✓]	Commercial	G [ ]	Entertainment / Amusement	I [ ]	Industrial
B [ ]	2 or 3 Family Residential	D [ ]	Non-Residential Vacant Land	F [ ]	Apartment	H [ ]	Community Service	J [ ]	Public Service

SALE INFORMATION

10. Sale Contract Date: 12 / 31 / 2006 (Month Day Year)
11. Date of Sale / Transfer: 12 / 31 / 2006 (Month Day Year)
12. Full Sale Price $ 0
    (Full Sale Price is the total amount paid for the property including personal property. This payment may be in the form of cash, other property or goods, or the assumption of mortgages or other obligations.) *Please round to the nearest whole dollar amount.*
13. Indicate the value of personal property included in the sale $

14. Check one or more of these conditions as applicable to transfer:
    - A [ ] Sale Between Relatives or Former Relatives
    - B [ ] Sale Between Related Companies or Partners in Business
    - C [ ] One of the Buyers is also a Seller
    - D [ ] Buyer or Seller is Government Agency or Lending Institution
    - E [ ] Deed Type not Warranty or Bargain and Sale (Specify Below)
    - F [ ] Sale of Fractional or Less than Fee Interest (Specify Below)
    - G [ ] Significant Change in Property Between Taxable Status and Sale Dates
    - H [ ] Sale of Business is Included in Sale Price
    - I [ ] Other Unusual Factors Affecting Sale Price (Specify Below)
    - J [✓] None

ASSESSMENT INFORMATION - Data should reflect the latest Final Assessment Roll and Tax Bill

15. Building Class: S 2
16. Total Assessed Value (of all parcels in transfer) $
17. Borough, Block and Lot / Roll Identifier(s) (If more than three, attach sheet with additional identifier(s))

BROOKLYN 2788 19

CERTIFICATION

I certify that all of the items of information entered on this form are true and correct (to the best of my knowledge and belief) and I understand that the making of any willful false statement of material fact herein will subject me to the provisions of the penal law relative to the making and filing of false instruments.

BUYER
BUYER SIGNATURE | DATE 10/27/10
STREET NUMBER | STREET NAME (AFTER SALE)
CITY OR TOWN | STATE | ZIP CODE

BUYER'S ATTORNEY
LAST NAME: NESOFF | FIRST NAME: MARK
AREA CODE: 212 | TELEPHONE NUMBER: 221-5700

SELLER
SELLER SIGNATURE | DATE

2010092200329201

CERTIFICATION

I certify that all of the items of information entered on this form are true and correct (to the best of my knowledge and belief) and understand that the making of any willful false statement of material fact herein will subject me to the provisions of the penal law relative to the making and filing of false instruments.

BUYER			BUYER'S ATTORNEY	
BUYER SIGNATURE		DATE	LAST NAME: NeSOFF	FIRST NAME: MARK
			AREA CODE: 212	TELEPHONE NUMBER: 221-5700
STREET NUMBER	STREET NAME (AFTER SALE)		SELLER	
CITY OR TOWN	STATE	ZIP CODE	SELLER SIGNATURE	DATE: 10/27/10

2010092200329201

M14602
710 GRAND STREET
Brooklyn, NY 11206

Inquiry Number: 4556130.2s
March 04, 2016

The EDR Radius Map™ Report with GeoCheck®

EDR® Environmental Data Resources Inc

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

710 GRAND STREET
BROOKLYN, NY 11206

COORDINATES

Latitude (North):	40.7113580 - 40˚ 42' 40.88''
Longitude (West):	73.9443280 - 73˚ 56' 39.58''
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	589172.9
UTM Y (Meters):	4507040.5
Elevation:	38 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5940597 BROOKLYN, NY
Version Date:	2013

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20110710, 20110705
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
710 GRAND STREET
BROOKLYN, NY 11206

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	LOT 19,TAXBLOCK 2788	710 GRAND STREET	NY E DESIGNATION		TP
A2	LOT 32,TAXBLOCK 2782	709 GRAND STREET	NY E DESIGNATION	Higher	38, 0.007, NNW
A3	LOT 20,TAXBLOCK 2788	714 GRAND STREET	NY E DESIGNATION	Higher	39, 0.007, NNE
A4	SPILL NUMBER 9900019	716 GRAND ST	NY Spills	Higher	55, 0.010, NE
A5	711 GRAND STREET	711 GRAND STREET	NY Spills	Higher	58, 0.011, North
A6	LOT 15,TAXBLOCK 2788	700 GRAND STREET	NY E DESIGNATION	Higher	67, 0.013, NW
A7	LOT 30,TAXBLOCK 2782	717 GRAND STREET	NY E DESIGNATION	Higher	79, 0.015, NNE
A8	LOT 34,TAXBLOCK 2782	701 GRAND STREET	NY E DESIGNATION	Higher	81, 0.015, NW
A9	CON EDISON	265 GRAHAM AVE	NY MANIFEST	Higher	100, 0.019, ENE
A10		253 GRAHAM AVE	EDR Hist Auto	Higher	102, 0.019, ESE
A11	LOT 35,TAXBLOCK 2782	697 GRAND STREET	NY E DESIGNATION	Higher	108, 0.020, NW
A12	CON EDISON	277 GRAHAM AV	NY MANIFEST	Higher	110, 0.021, NE
A13	CON EDISON SERVICE B	151 MAUJER ST	RCRA NonGen / NLR, NY MANIFEST	Higher	125, 0.024, SSW
A14	151 MAUJER ST	151 MAUJER STREET	NY LTANKS	Higher	125, 0.024, SSW
A15	WILLIAMSBURG HEALTH	151 MAUJER ST	RCRA-CESQG	Higher	125, 0.024, SSW
A16	CON EDISON	725 GRAND ST	NY E DESIGNATION, NY MANIFEST	Higher	146, 0.028, NE
A17	DIME SAVINGS BANK	726 GRAND STREET	NY HIST UST	Higher	153, 0.029, ENE
A18	CHASE BANK	726 GRAND STREET	NY UST	Higher	153, 0.029, ENE
A19	NYCHA - WILLIAMSBURG	160 MAUJER ST BLDG #	RCRA NonGen / NLR, FINDS, ECHO	Higher	162, 0.031, SSE
A20	NYC DEPARTMENT OF HE	WILLIAMSBURG DISTRIC	NY UST	Higher	175, 0.033, SSW
A21	CON EDISON MANHOLE:	GRAHAM AVE & MAUJER	RCRA NonGen / NLR	Higher	179, 0.034, SE
A22	CON EDISON	GRAHAM AVE & MAUJER	NY MANIFEST	Higher	179, 0.034, SE
A23	WILLIAMSBURG	164 MAUJER STREET	NY UST, NY AST	Higher	186, 0.035, SE
A24	CON EDISON	143 MAUJER ST	NY MANIFEST	Higher	195, 0.037, SW
A25	WILLIAMSBURG	144 MAUJER ST & GRAH	NY LTANKS	Higher	202, 0.038, SSE
B26	THE DRY CLEANERS	240 GRAHAM AVENUE	NY DRYCLEANERS	Higher	220, 0.042, SE
C27	NYCHA - WILLIAMSBURG	142 MAUJER ST BLDG #	RCRA NonGen / NLR, FINDS, ECHO	Higher	220, 0.042, SSW
A28	LOT 40,TAXBLOCK 2782	683 GRAND STREET	NY E DESIGNATION	Lower	221, 0.042, WNW
D29	LOT 41,TAXBLOCK 2782	679 GRAND STREET	NY E DESIGNATION	Lower	250, 0.047, West
E30	LOT 39,TAXBLOCK 2783	737 GRAND STREET	NY E DESIGNATION	Higher	254, 0.048, ENE
C31	WILLIAMSBURG HOUSING	128 MAJUAR ST	NY Spills	Higher	258, 0.049, SSW
E32		283 GRAHAM AVE	EDR Hist Auto	Higher	260, 0.049, NNE
E33	LOT 10,TAXBLOCK 2789	738 GRAND STREET	NY E DESIGNATION	Higher	260, 0.049, ENE
D34	678 GRAND AVE	678 GRAND AVE	NY Spills	Lower	263, 0.050, West
B35	NYCHA - WILLIAMSBURG	176 MAUJER ST BLDG #	RCRA NonGen / NLR, FINDS, ECHO	Higher	290, 0.055, ESE
E36	LOT 36,TAXBLOCK 2783	741 GRAND STREET	NY E DESIGNATION	Higher	292, 0.055, ENE
C37	CON ED	230 MANHATTAN AVE	NY MANIFEST	Higher	310, 0.059, WSW
C38	CON EDISON	230 MANHATTAN AVE	NY MANIFEST	Higher	310, 0.059, WSW
B39	CON EDISON SERVICE B	181 MAUJER ST	RCRA NonGen / NLR, NY MANIFEST	Higher	331, 0.063, ESE

MAPPED SITES SUMMARY

Target Property Address:
710 GRAND STREET
BROOKLYN, NY 11206

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
B40	CON EDISON	180 MAUJER ST	NY MANIFEST	Higher	331, 0.063, ESE
F41	GLOVEMAN REALTY CORP	294 GRAHAM AVENUE	NY UST, NY HIST UST	Higher	349, 0.066, NNE
C42	WILLIAMSBURG HOUSES	128 MAUJER STREET	NY LTANKS, NY HIST UST, NY Spills	Higher	371, 0.070, SW
C43	WILLIAMSBURGH HOUSES	128 MAUJER STREET	NY UST, NY AST	Higher	371, 0.070, SW
B44	WILLIAMSBURG HOUSES	184 MAUJER ST	NY Spills	Higher	374, 0.071, ESE
D45	TARASHINSKY MDSE CO	254 MANHATTAN AVE	NY UST	Lower	393, 0.074, NW
B46	INTERMEDIATE SCHOOL	223 GRAHAM AVENUE	NY LTANKS, NY UST, NY AST, NY HIST AST	Higher	400, 0.076, SSE
B47	NYC BD OF ED - INTER	223 GRAHAM AVE	RCRA-CESQG, NY MANIFEST	Higher	400, 0.076, SSE
D48		664 GRAND ST	EDR Hist Cleaner	Higher	401, 0.076, West
E49	755 REALTY CORP.	753 GRAND STREET	NY AST	Higher	404, 0.077, ENE
D50	LOT 30,TAXBLOCK 2781	663 GRAND STREET	NY E DESIGNATION	Lower	405, 0.077, West
B51	NYCHA WILLIAMSBURG H	222 GRAHAM AVE BLDG	RCRA NonGen / NLR	Higher	409, 0.077, SSE
B52	NYCHA - WILLIAMSBURG	222 GRAHAM AVE BLDG	RCRA-CESQG	Higher	409, 0.077, SSE
B53	CON EDISON SERVICE B	222 GRAHAM AVE	RCRA NonGen / NLR	Higher	409, 0.077, SSE
B54	CON EDISON	222 GRAHAM AVE	NY MANIFEST	Higher	409, 0.077, SSE
C55	NYCHA - WILLIAMSBURG	124 MAUJER ST BLDG #	RCRA NonGen / NLR, FINDS, ECHO	Higher	416, 0.079, SW
B56	CON EDISON	214 GRAHAM	NY MANIFEST	Higher	418, 0.079, SSE
B57	CON EDISON SERVICE B	214 GRAHAM	RCRA NonGen / NLR	Higher	418, 0.079, SSE
B58	WILLIAMSBURGH HOUSES	188 TEN EYCK WALK	NY UST	Higher	425, 0.080, SSE
B59	WILLIAMSBURG HOUSES	188 TEN EYCK WALK	NY LTANKS, NY Spills	Higher	425, 0.080, SSE
F60	LOT 24,TAXBLOCK 2776	293 GRAHAM AVENUE	NY E DESIGNATION	Higher	434, 0.082, North
B61	NYCHA - WILLIAMSBURG	186 TEN EYCK WALK BL	RCRA NonGen / NLR, FINDS, NY MANIFEST, ECHO	Higher	437, 0.083, SSE
D62	LOT 21,TAXBLOCK 2787	660 GRAND STREET	NY E DESIGNATION	Higher	438, 0.083, West
D63	LOT 31,TAXBLOCK 2781	659 GRAND STREET	NY E DESIGNATION	Lower	442, 0.084, West
G64	MANHATTAN AVE & POWE	MANHATTAN AVE / POWE	NY Spills	Lower	450, 0.085, NW
G65	NYNEX	MANHATTAN AVE & POWE	NY MANIFEST	Lower	450, 0.085, NW
D66	658 GRAND STREET HDF	658 GRAND STREET	NY AST	Lower	457, 0.087, West
H67	CON EDISON SERVICE B	195 MAUJER ST	RCRA NonGen / NLR, FINDS	Higher	457, 0.087, ESE
H68	CON EDISON	195 MAUJER ST	NY MANIFEST	Higher	457, 0.087, ESE
H69	CON EDISON	195 MAUJER ST	NY MANIFEST	Higher	457, 0.087, ESE
H70	CON EDISON	195 MAJER ST	NY MANIFEST	Higher	457, 0.087, ESE
B71	NYCHA - WILLIAMSBURG	200 TEN EYCK WALK BL	RCRA NonGen / NLR, FINDS, ECHO	Higher	464, 0.088, SE
D72	LOT 32,TAXBLOCK 2781	655 GRAND STREET	NY E DESIGNATION	Lower	479, 0.091, West
F73	LOT 5,TAXBLOCK 2777	302 GRAHAM AVENUE	NY E DESIGNATION	Higher	479, 0.091, North
H74	NYCHA - WILLIAMSBURG	196 MAUJER ST BLDG #	RCRA NonGen / NLR, FINDS, ECHO	Higher	489, 0.093, ESE
D75	LOT 33,TAXBLOCK 2781	653 GRAND STREET	NY E DESIGNATION	Lower	498, 0.094, West
F76	185 POWERS ST - BKLN	185 POWERS ST	NY Spills	Higher	512, 0.097, NE
I77		765 GRAND ST	EDR Hist Cleaner	Higher	517, 0.098, ENE
I78	GRAND CLEANERS	765 GRAND ST	RCRA-SQG, US AIRS, FINDS, NY DRYCLEANERS, NY...	Higher	517, 0.098, ENE

MAPPED SITES SUMMARY

Target Property Address:
710 GRAND STREET
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J79	LOT 34,TAXBLOCK 2781	649 GRAND STREET	NY E DESIGNATION	Lower	535, 0.101, West
H80	WILLIAMSBURG	200 MAUJER STREET	NY UST, NY AST	Higher	547, 0.104, ESE
J81	648-652 GRAND STREET	648-652 GRAND STREET	NY AST, NY HIST AST	Lower	550, 0.104, West
H82	LOT 21,TAXBLOCK 2789	770 GRAND STREET	NY E DESIGNATION	Higher	553, 0.105, ENE
H83		770 GRAND ST	EDR Hist Cleaner	Higher	553, 0.105, ENE
J84	LOT 35,TAXBLOCK 2781	647 GRAND STREET	NY E DESIGNATION	Lower	556, 0.105, West
K85	NYCHA - WILLIAMSBURG	222 TEN EYCK WALK BL	RCRA NonGen / NLR, FINDS, ECHO	Higher	560, 0.106, SE
H86	LOT 22,TAXBLOCK 2789	772 GRAND STREET	NY E DESIGNATION	Higher	571, 0.108, ENE
F87	FRANK LOVISI	308 GRAHAM AVE	NY AST, NY HIST AST	Higher	584, 0.111, North
I88	GRAND STREET BRIDGE	GRAND STREET	NY Spills	Higher	586, 0.111, ENE
L89	NYCHA - WILLIAMSBURG	108 MAUJER ST BLDG #	RCRA NonGen / NLR, FINDS, ECHO	Higher	591, 0.112, WSW
I90	LOT 5,TAXBLOCK 2790	774 GRAND STREET	NY E DESIGNATION	Higher	598, 0.113, ENE
H91	V C CLEANERS	203 MAUSER ST	RCRA NonGen / NLR, FINDS, ECHO	Higher	598, 0.113, East
H92	SPILL NUMBER 0200270	282 HUMBOLDT ST	NY Spills	Higher	601, 0.114, East
M93	CON EDISON	305 GRAHAM AVE	NY MANIFEST	Higher	615, 0.116, North
H94	CON EDISON - MANHOLE	276 HUMBOLDT ST	RCRA-LQG, NY MANIFEST	Higher	618, 0.117, East
J95	LOT 36,TAXBLOCK 2781	639 GRAND STREET	NY E DESIGNATION	Lower	628, 0.119, West
I96	LOT 1,TAXBLOCK 2784	302 HUMBOLDT STREET	NY E DESIGNATION	Higher	636, 0.120, ENE
N97	CONSYLEA ST. ASSOCIA	211 AINSLEE STREET	NY UST	Lower	641, 0.121, NNW
M98	CON EDISON	309 GRAHAM AVE	NY MANIFEST	Higher	675, 0.128, North
J99	CON EDISON	633 GRAND ST	NY MANIFEST	Lower	684, 0.130, West
J100	CON EDISON SERVICE B	633 GRAND ST	RCRA NonGen / NLR, FINDS	Lower	684, 0.130, West
H101	NYCHA - WILLIAMSBURG	214 MAUJER ST BLDG #	RCRA NonGen / NLR, FINDS, ECHO	Higher	687, 0.130, East
L102	NYCHA - WILLIAMSBURG	110 TEN EYCK WALK BL	RCRA NonGen / NLR, FINDS, ECHO	Higher	702, 0.133, SW
L103	NYC DEPT OF EDUCATIO	101 MAUJER ST	RCRA-SQG, FINDS, ECHO	Higher	705, 0.134, WSW
L104	PS 18	101 MAUJER ST	NY AST, NY HIST AST	Higher	705, 0.134, WSW
O105	CON ED	275 AINSLIE STREET	NY MANIFEST	Higher	761, 0.144, NNE
J106	CON EDISON - MANHOLE	623 GRAND ST	RCRA-LQG, NY MANIFEST	Lower	778, 0.147, West
P107	NYCHA - WILLIAMSBURG	160 STAGG WALK BLDG	RCRA NonGen / NLR, FINDS, ECHO	Higher	780, 0.148, SE
Q108	WILLIAMSBURG HOUSES	125 STAGG WALK	NY LTANKS, NY Spills	Higher	780, 0.148, SSW
Q109	WILLIAMSBURGH HOUSES	125 STAGG WALK	NY UST, NY AST	Higher	780, 0.148, SSW
K110	NYCHA - WILLIAMSBURG	169 STAGG WALK	RCRA NonGen / NLR	Higher	783, 0.148, SE
R111	ALX AUTO REPAIR CORP	222 LEONARD STREET	NY AST	Lower	791, 0.150, West
J112	CON EDISON MANHOLE 1	LEONARD ST & GRAND S	RCRA NonGen / NLR, NY MANIFEST	Lower	795, 0.151, West
L113	WILLIAMSBURG	94 MAUJER STREET	NY UST, NY AST	Higher	814, 0.154, WSW
S114	CON EDISON	799 GRAND ST	NY MANIFEST	Higher	820, 0.155, ENE
S115	CON EDISON	799 GRAND ST	NY MANIFEST	Higher	820, 0.155, ENE
O116	CON EDISON	298 AINSLIE ST	NY MANIFEST	Higher	834, 0.158, NE
O117	CON EDISON	298 AINSLIE ST	NY MANIFEST	Higher	834, 0.158, NE

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S118	RHEE & NURYS DRY CLE	802 GRAND ST	RCRA NonGen / NLR, FINDS, NY MANIFEST, ECHO	Higher	835, 0.158, ENE
S119	RHEE & NURY'S/Y&Y CL	802 GRAND STREET	NY DRYCLEANERS	Higher	835, 0.158, ENE
M120	326 GRAHAM AVE	326 GRAHAM AVENUE	NY UST	Higher	846, 0.160, North
T121	CON EDISON	143 DEVOE ST	NY MANIFEST	Lower	847, 0.160, North
T122	CON EDISON SERVICE B	143 DEVOE ST	RCRA NonGen / NLR	Lower	847, 0.160, North
U123	CON EDISON	180 DEVOE ST	NY MANIFEST	Higher	853, 0.162, NNE
U124	CON EDISON	180 DEVOE ST	NY MANIFEST	Higher	853, 0.162, NNE
125	NYCHA - WILLIAMSBURG	90 MAUJER ST BLDG #1	RCRA NonGen / NLR, FINDS, ECHO	Higher	853, 0.162, WSW
R126	CON EDISON	615 GRAND ST	NY MANIFEST	Lower	855, 0.162, West
V127	NYCHA - WILLIAMSBURG	90 TEN EYCK WALK BLD	RCRA NonGen / NLR, FINDS, NY MANIFEST, ECHO	Higher	860, 0.163, SW
S128	CON EDISON	232 POWER ST	NY MANIFEST	Higher	863, 0.163, ENE
T129	CON EDISON SERVICE B	129 DEVOE	RCRA NonGen / NLR, NY MANIFEST	Lower	870, 0.165, NNW
N130	CON EDISON	120 DEVOE ST	NY MANIFEST	Lower	874, 0.166, NNW
Q131	NYCHA - WILLIAMSBURG	106 STAGG WALK BLDG	RCRA NonGen / NLR, FINDS, ECHO	Higher	882, 0.167, SSW
P132	NYCHA - WILLIAMSBURG	178 STAGG WALK BLDG	RCRA NonGen / NLR, FINDS, ECHO	Higher	898, 0.170, SE
S133	231 MAUJER STREET	231 MAUJER STREET	NY AST, NY HIST AST	Higher	905, 0.171, East
W134	CON EDISON SERVICE B	177 AINSLIE ST	RCRA NonGen / NLR	Lower	914, 0.173, NW
W135	CON EDISON	177 AINSLIE ST	NY MANIFEST	Lower	914, 0.173, NW
X136	CON EDISON	193 GRAHAM AVE	NY MANIFEST	Lower	918, 0.174, SSE
S137	CON EDISON SERVICE B	812 GRAND ST	RCRA NonGen / NLR, NY MANIFEST	Higher	920, 0.174, ENE
S138	CON EDISON	811 GRAND ST	NY MANIFEST	Higher	922, 0.175, ENE
S139	CON EDISON	811 GRAND ST	NY MANIFEST	Higher	922, 0.175, ENE
T140	CON EDISON SERVICE B	327 GRAHAM AVE	RCRA NonGen / NLR, NY MANIFEST	Lower	948, 0.180, North
W141	SAM'S SAME DAY DRYCL	171 AINSLIE(256 LEON	NY DRYCLEANERS	Lower	963, 0.182, WNW
W142	SAMS CLEANERS	171 AINSLIE ST	RCRA NonGen / NLR, FINDS, NY MANIFEST, ECHO	Lower	972, 0.184, WNW
143	WILLIAMSBURG	111 SCHOLES STREET	NY UST, NY AST	Lower	973, 0.184, SSW
T144	NEW GATTI/PARK/LOUIS	334 GRAHAM AVENUE	NY DRYCLEANERS	Lower	984, 0.186, North
T145	GATTI CLEANERS	334 GRAHAM AVE	RCRA NonGen / NLR, US AIRS, NY MANIFEST	Lower	984, 0.186, North
X146	CON EDISON	196 GRAHAM AVE	NY MANIFEST	Lower	985, 0.187, SSE
X147	CON EDISON SERVICE B	196 GRAHAM AVE	RCRA NonGen / NLR	Lower	985, 0.187, SSE
S148	JP MORGAN CHASE AND	819 GRAND STREET	NY AST	Higher	986, 0.187, ENE
V149	NYCHA - WILLIAMSBURG	97 STAGG WALK BLDG #	RCRA NonGen / NLR, FINDS, NY MANIFEST, ECHO	Higher	997, 0.189, SW
Y150	CON EDISON	POWERS ST & BUSHWICK	NY MANIFEST	Higher	1000, 0.189, ENE
Y151	CON EDISON SERVICE B	POWERS ST & BUSHWICK	RCRA NonGen / NLR	Higher	1000, 0.189, ENE
Z152	CON EDISON	103 DEVOE ST	NY MANIFEST	Lower	1005, 0.190, NW
V153	NYCHA - WILLIAMSBURG	88 STAGG WALK BLDG #	RCRA NonGen / NLR, FINDS, ECHO	Higher	1007, 0.191, SW
X154	CON EDISON	194 GRAHAM AVE	NY MANIFEST	Lower	1017, 0.193, SSE
S155	MTA NYCT - GRAND STR	GRAND ST & BUSHWICK	RCRA-SQG, FINDS, ECHO	Higher	1018, 0.193, ENE
S156	MTA NYCT - GRAND STR	GRAND ST & BUSHWICK	NY MANIFEST	Higher	1018, 0.193, ENE

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S157	NYNEX	BUSHWICK AVE & GRAND	NY MANIFEST	Higher	1018, 0.193, ENE
AA158	NYCHA - WILLIAMSBURG	196 STAGG WALK BLDG	RCRA NonGen / NLR, FINDS, ECHO	Higher	1048, 0.198, SE
AB159	WILLIAMSBURG	181 SCHOLES STREET	NY UST, NY AST	Lower	1054, 0.200, SE
T160	BRICKMER REALTY CORP	722 METROPOLITAN AVE	NY AST	Lower	1077, 0.204, North
W161	CON EDISON SERVICE B	270 LEONARD ST	RCRA NonGen / NLR	Lower	1092, 0.207, NW
W162	CON EDISON	270 LEONARD ST	NY MANIFEST	Lower	1092, 0.207, NW
AC163	NEW YORK HEATING COR	354 HUMBOLDT ST	RCRA NonGen / NLR, FINDS, ECHO	Higher	1094, 0.207, NNE
AD164	CON EDISON SERVICE B	151 LEONARD ST	RCRA NonGen / NLR, FINDS	Lower	1108, 0.210, SW
AD165	CON EDISON	151 LEONARD ST	NY MANIFEST	Lower	1108, 0.210, SW
AA166	WILLIAMSBURGH HOUSES	211 STAGG WALK	NY LTANKS, NY UST, NY AST, NY Spills	Higher	1117, 0.212, ESE
AE167	CON ED	586 GRAND ST	NY MANIFEST	Lower	1129, 0.214, West
W168	CON EDISON	273 LENORD ST	NY MANIFEST	Lower	1134, 0.215, NW
Z169	LEONARD ARMS INC	85 DEVOE ST	NY AST, NY HIST AST	Lower	1146, 0.217, NW
AA170	NYCHA - WILLIAMSBURG	214 STAGG WALK BLDG	RCRA NonGen / NLR, FINDS, NY MANIFEST, ECHO	Higher	1147, 0.217, ESE
AF171	CON EDISON SERVICE B	139 MESEROLE ST	RCRA NonGen / NLR, NY MANIFEST	Lower	1151, 0.218, South
AF172	CON EDISON	139 MESEROLE ST	NY MANIFEST	Lower	1151, 0.218, South
173	25 BUSHWICK AVE	25 BUSHWICK AVE	NY LTANKS	Higher	1153, 0.218, NE
X174	CON EDISON MANHOLE:	151 MESEROLE ST	RCRA NonGen / NLR, FINDS	Lower	1159, 0.220, SSE
X175	CON EDISON	151 MESEROLE ST	NY MANIFEST	Lower	1159, 0.220, SSE
AF176	CON EDISON SERVICE B	127 MESEROLE ST	RCRA NonGen / NLR, NY MANIFEST	Lower	1164, 0.220, South
X177	CON EDISON	151 MESEROLE ST & GR	RCRA-CESQG, NJ MANIFEST, NY MANIFEST	Lower	1167, 0.221, SSE
AG178	781 METROPOLITAN AVE	771-781 METROPOLITAN	NY MANIFEST	Higher	1173, 0.222, North
AG179	781 METROPOLITAN AVE	771-781 METROPOLITAN	RCRA-LQG, FINDS, ECHO	Higher	1173, 0.222, North
X180	CON EDISON MANHOLE:	GRAHAM AVE & MESEROL	RCRA NonGen / NLR, NY MANIFEST	Lower	1178, 0.223, SSE
181	LEONARD BRANCH	81 DEVOE STREET	NY AST, NY HIST AST	Lower	1183, 0.224, NW
AH182	PACOGON CORP	677 METROPOLITAN AVE	NY AST, NY HIST AST, NY Spills	Lower	1201, 0.227, NNW
AF183	CON EDISON SERVICE B	132 MESEROLE ST	RCRA NonGen / NLR, NY MANIFEST	Lower	1202, 0.228, South
Z184	CON EDISON SERVICE B	282 LEONARD ST	RCRA NonGen / NLR, FINDS, NY MANIFEST, ECHO	Lower	1205, 0.228, NW
AI185	CON EDISON	161 BUSHWICK AVE	NY MANIFEST	Higher	1205, 0.228, ESE
AI186	CON EDISON SERVICE B	161 BUSHWICK AVE	RCRA NonGen / NLR	Higher	1205, 0.228, ESE
AJ187	CON EDISON - MANHOLE	169 MESEROLE ST / MA	RCRA-LQG, NJ MANIFEST, NY MANIFEST	Lower	1212, 0.230, SSE
AB188	210 HUMBOLT ST	210 HUMBOLDT STREET	NY AST, NY HIST AST	Lower	1218, 0.231, SE
AJ189	171 MESEROLE ST	171 MESEROLE ST	NY AST, NY HIST AST	Lower	1221, 0.231, SSE
AK190	442 LORIMER INC.	442 LORIMER STREET	NY AST, NY HIST AST	Lower	1224, 0.232, WSW
AH191	NYC DEPT OF ED - PUB	320 MANHATTAN AVE	NY Spills, RCRA NonGen / NLR, NY MANIFEST	Lower	1234, 0.234, NNW
AH192	PUBLIC SCHOOL 132 -	320 MANHATTAN AVENUE	NY AST	Lower	1234, 0.234, NNW
AL193	CON EDISON	120 MESOROLE ST	NY MANIFEST	Lower	1239, 0.235, South
AL194	CON EDISON SERVICE B	120 MESOROLE ST	RCRA NonGen / NLR	Lower	1239, 0.235, South
AM195	FORMER BENNETT TRUCK	845 GRAND STREET	NY ENG CONTROLS, NY INST CONTROL, NY BROWNFIELDS,	Higher	1246, 0.236, ENE

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AE196	NYNEX-MANHOLE	LORIMER & GRAND STS	RCRA NonGen / NLR, NY MANIFEST	Lower	1251, 0.237, West
AA197	CON EDISON SERVICE B	202 SCHOLES ST	RCRA NonGen / NLR	Higher	1254, 0.237, SE
AA198	CON EDISON	202 SCHOLES ST	NY MANIFEST	Higher	1254, 0.237, SE
Y199	CON EDISON SERVICE B	16 JUDGE ST	RCRA NonGen / NLR, NY MANIFEST	Higher	1261, 0.239, ENE
AL200	CON EDISON	143 MANHATTAN AVE	NY MANIFEST	Lower	1265, 0.240, South
AH201	656 REALTY	656 METROPOLITAN AVE	NY AST, NY HIST AST	Lower	1266, 0.240, NW
AE202	NYNEX	465 LORIMER ST	NY MANIFEST	Lower	1271, 0.241, West
203	CON EDISON	56 POWERS ST	NY MANIFEST	Lower	1272, 0.241, West
AK204	SALERNO SERVICE STAT	451 LORIMER STREET	NY AST, NY HIST UST	Lower	1276, 0.242, WSW
AK205	SALERNO SERVICE STAT	451 LORIMER STREET	NY UST	Lower	1276, 0.242, WSW
AM206	BENNETT TRUCKING SIT	845 GRAND STREET	NY UST	Higher	1286, 0.244, ENE
AJ207	CON ED	182 MESEROLE ST	NY MANIFEST	Lower	1291, 0.245, SSE
AL208	CON EDISON	106 MESEROLE ST	NY MANIFEST	Lower	1292, 0.245, SSW
AC209	METROPOLITAN AVE/MER	METROPOLITAN&BUSHWIC	NY LTANKS	Higher	1295, 0.245, NNE
AL210	CON EDISON SERVICE B	141 MANHATTAN AVE	RCRA NonGen / NLR	Lower	1300, 0.246, South
AL211	CON EDISON	141 MANHATTAN AVE	NY MANIFEST	Lower	1300, 0.246, South
AL212	GREENPOINT YMCA	99 MESEROLE AVENUE	NY AST	Lower	1306, 0.247, SSW
AC213	SHELL SERVICE STATIO	2 BUSHWICK AVENUE	NY AST	Higher	1309, 0.248, NNE
AC214	SHELL SERVICE STATIO	2 BUSHWICK AVENUE	NY UST	Higher	1309, 0.248, NNE
AC215	SHELL OIL CO	2 BUSHWICK AVE	NY LTANKS, NY Spills, RCRA NonGen / NLR, US AIRS,...	Higher	1309, 0.248, NNE
216	MERIT METROPOLITAN	810 METROPOLITAN AVE	NY LTANKS, NY UST, NY Spills, RCRA NonGen / NLR,...	Higher	1349, 0.255, NNE
AE217	555 GRAND STREET	555 GRAND STREET	NY BROWNFIELDS, NY E DESIGNATION	Lower	1393, 0.264, West
AE218	TRUVAL CLEANERS	555 GRAND ST	RCRA-SQG, NY BROWNFIELDS, FINDS, NY MANIFEST, ECHO	Lower	1393, 0.264, West
219	MOST HOLY TRINITY RE	157 GRAHAM AVE	NY LTANKS, NY UST, NY HIST UST	Lower	1400, 0.265, SSE
AM220	FORMER SCIENTIFIC FI	871 GRAND STREET	NY BROWNFIELDS, NY E DESIGNATION	Higher	1505, 0.285, ENE
221	J & M AUTO REPAIRS	881-885 GRAND ST	NY LTANKS, RCRA NonGen / NLR, FINDS, NY MANIFEST,...	Lower	1585, 0.300, ENE
AN222	SPILL NUMBER 0003338	232 MESROLE ST	NY LTANKS	Higher	1708, 0.323, SE
AN223	SPILL NUMBER 0300112	1-7 BUSHWICK PLACE	NY LTANKS, NY Spills	Higher	1898, 0.359, SE
224	LOSTRITTO & CALANDRI	1-23 MESEROLE AVE	NY SWF/LF	Lower	1916, 0.363, SW
225	308 MAUJER ST	308 MAUJER ST	NY LTANKS	Lower	2070, 0.392, East
226	522 METROPOLITAN AVE	522 METROPOLITAN AVE	NY LTANKS	Lower	2141, 0.405, WNW
AO227	BORINQUEN PLAZA	130 HUMBOLDT STREET	NY LTANKS, NY Spills	Lower	2171, 0.411, SSE
228	BORINQUEN HOUSES	300 BUSHWICK AVENUE	NY LTANKS, NY UST	Lower	2236, 0.423, SE
229	APARTMENT BLDG	243 JACKSON STREET	NY LTANKS, NY Spills	Lower	2249, 0.426, NNE
AO230	BORINQUEN PLAZA	120 HUMBOLDT STREET	NY LTANKS, NY UST	Lower	2305, 0.437, SSE
AP231	90 PRECINCT NYPD -DD	209 UNION AVENUE	NY LTANKS, NY Spills	Lower	2335, 0.442, SW
AP232	209 UNION AVENUE	209 UNION AVE - 90TH	NY LTANKS	Lower	2335, 0.442, SW
233	MIRON LUMBER CO INC	268 JOHNSON AVE	NY LTANKS, NY HIST UST, NY Spills	Lower	2337, 0.443, SE
234	APARTMENT BUILDING	35 MEADOW STREET	NY LTANKS	Lower	2346, 0.444, East

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AO235	BORINQUEN PLAZA	110 HUMBOLDT STREET	NY LTANKS, NY UST	Lower	2427, 0.460, SSE
236	COOPER PARK HOUSING	295 JACKSON ST	NY LTANKS, NY Spills	Lower	2498, 0.473, NNE
237	345 TENEYCK STREET	345 TENEYCK STREET	NY LTANKS	Lower	2502, 0.474, East
238	442 5TH ST	442 5TH ST	NY LTANKS	Lower	2528, 0.479, SW
239	THIRD AVE YARD	222 FIRST STREET	NY LTANKS, NY Spills	Lower	2529, 0.479, NNE
240	LINDSAY PARK HOUSING	54 BOERUM ST	NY LTANKS	Lower	2540, 0.481, SSW
241	ENGINE CO. 216/LADD.	187 UNION AVENUE	NY LTANKS, NY Spills	Lower	2573, 0.487, SW
242	FROST & MEEKER AVE	64 FROST STREET	NY LTANKS, NY Spills	Lower	2573, 0.487, NNW
243	FORMER DRIGGS PLYWOO	11 JACKSON STREET	NY INST CONTROL, NY BROWNFIELDS, NY E DESIGNATION	Lower	2584, 0.489, NW
244	CON EDISON	155 SIEGEL ST	NY LTANKS, NY MANIFEST	Lower	2597, 0.492, SSE
245	432 RODNEY STREET	432 RODNEY, 123 AND	NY BROWNFIELDS	Lower	2623, 0.497, West
246	BQE/ANSBACHER COLOR	MEEKER AVENUE	NY SHWS	Lower	2698, 0.511, WNW
247	SCHOLES ST. STATION	SCHOLES ST 7 BOGART	EDR MGP	Lower	2792, 0.529, ESE
248	CITY BARREL CO.	421-429 MEEKER STREE	NY SHWS	Lower	2800, 0.530, NNW
249	2 INGRAHAM STREET	2 INGRAHAM STREET	NY SHWS, NY VCP, NY BROWNFIELDS	Lower	3363, 0.637, ESE
250	GOODMAN BROTHERS STE	18 DIVISION PLACE	RCRA-CESQG, NY SHWS, NY UST, NY CBS, NY CBS AST,...	Lower	3448, 0.653, NNE
251	EQUITY WORKS	MASPETH AND VANDERVO	EDR MGP	Lower	3499, 0.663, NE
252	FORMER KLINK COSMO C	364 RICHARDSON STREE	NY SHWS	Higher	3722, 0.705, NNE
253	BERKMAN BROS INC	ECKFORD ST	RCRA-CESQG, NY SHWS, NY LTANKS, NY CBS, NY...	Lower	3848, 0.729, NNW
254	NEWTOWN CREEK	SOUTH END OF IVY HIL	NPL, CERCLIS, NY MANIFEST	Lower	3984, 0.755, ENE
255	PFIZER INC	11 BARTLETT ST	CORRACTS, RCRA-LQG, RAATS, ICIS, FINDS, NY...	Lower	4032, 0.764, SSW
256	VARICK AVENUE	165 VARICK AVENUE	NY SHWS	Lower	4252, 0.805, East
257	95 LOMBARDY ST./ACME	95 LOMBARDY ST	NY SHWS, NY UST, NY HIST UST	Higher	4599, 0.871, NNE
AQ258	GREENPOINT	287 MASPETH AVENUE	EDR MGP	Lower	4769, 0.903, NE
AQ259	GREENPOINT ENERGY FA	287 MASPETH AVENUE	NY SHWS, NY SWF/LF, NY LTANKS, NY MOSF, NY VCP, NY...	Lower	4769, 0.903, NE
260	US ENVIRONMENTAL PRO	C O BCF OIL REFINING	CERCLIS, NY SHWS, RCRA NonGen / NLR, PRP, NY...	Lower	4980, 0.943, ENE
261	ACME STEEL PARTITION	513 PORTER AVE	NY SHWS, RCRA NonGen / NLR, NY MANIFEST	Higher	5047, 0.956, NNE
262	WYTHE AVE. (BERRY ST	WYTHE AVE., BERRY ST	EDR MGP	Lower	5125, 0.971, NW
263	CHLORAL GROUP	171 LOMBARDY ST	NY SHWS, NY CBS, NY CBS AST	Higher	5189, 0.983, NNE

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
LOT 19,TAXBLOCK 2788 710 GRAND STREET BROOKLYN, NY 11211	NY E DESIGNATION	N/A

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY..... Federal Facility Site Information listing

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP..... CERCLIS No Further Remedial Action Planned

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System
US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent CERCLIS

NY VAPOR REOPENED..... Vapor Intrusion Legacy Site List

State and tribal leaking storage tank lists

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land
NY HIST LTANKS..... Listing of Leaking Storage Tanks

State and tribal registered storage tank lists

FEMA UST..... Underground Storage Tank Listing
NY CBS UST..... Chemical Bulk Storage Database
NY MOSF UST..... Major Oil Storage Facilities Database
NY MOSF AST..... Major Oil Storage Facilities Database
INDIAN UST..... Underground Storage Tanks on Indian Land

State and tribal institutional control / engineering control registries

NY RES DECL..... Restrictive Declarations Listing

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

NY ERP..... Environmental Restoration Program Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

NY SWRCY..... Registered Recycling Facility List
NY SWTIRE..... Registered Waste Tire Storage & Facility List
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands
ODI..... Open Dump Inventory
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... National Clandestine Laboratory Register
NY DEL SHWS..... Delisted Registry Sites
US CDL..... Clandestine Drug Labs

Local Land Records

NY LIENS..... Spill Liens Information
LIENS 2..... CERCLA Lien Information

EXECUTIVE SUMMARY

Records of Emergency Release Reports

HMIRS	Hazardous Materials Information Reporting System
NY Hist Spills	SPILLS Database
NY SPILLS 90	SPILLS 90 data from FirstSearch
NY SPILLS 80	SPILLS 80 data from FirstSearch

Other Ascertainable Records

FUDS	Formerly Used Defense Sites
DOD	Department of Defense Sites
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR	Financial Assurance Information
EPA WATCH LIST	EPA WATCH LIST
2020 COR ACTION	2020 Corrective Action Program List
TSCA	Toxic Substances Control Act
TRIS	Toxic Chemical Release Inventory System
SSTS	Section 7 Tracking Systems
ROD	Records Of Decision
RMP	Risk Management Plans
PADS	PCB Activity Database System
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS	Material Licensing Tracking System
COAL ASH DOE	Steam-Electric Plant Operation Data
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER	PCB Transformer Registration Database
RADINFO	Radiation Information Database
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS	Incident and Accident Data
CONSENT	Superfund (CERCLA) Consent Decrees
INDIAN RESERV	Indian Reservations
FUSRAP	Formerly Utilized Sites Remedial Action Program
UMTRA	Uranium Mill Tailings Sites
LEAD SMELTERS	Lead Smelter Sites
US MINES	Mines Master Index File
NY COAL ASH	Coal Ash Disposal Site Listing
NY Financial Assurance	Financial Assurance Information Listing
NY HSWDS	Hazardous Substance Waste Disposal Site Inventory
NY SPDES	State Pollutant Discharge Elimination System
NY UIC	Underground Injection Control Wells
FUELS PROGRAM	EPA Fuels Program Registered Listing

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

NY RGA HWS	Recovered Government Archive State Hazardous Waste Facilities List
NY RGA LF	Recovered Government Archive Solid Waste Facilities List

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

EXECUTIVE SUMMARY

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: Also known as Superfund, the National Priority List database is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund program. The source of this database is the U.S. EPA.

A review of the NPL list, as provided by EDR, and dated 10/30/2015 has revealed that there is 1 NPL site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
NEWTOWN CREEK	***SOUTH END OF IVY HIL***	***ENE 1/2 - 1 (0.755 mi.)***	***254***	***749***

Federal RCRA CORRACTS facilities list

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 06/09/2015 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
PFIZER INC	***11 BARTLETT ST***	***SSW 1/2 - 1 (0.764 mi.)***	***255***	***753***

Federal RCRA generators list

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 06/09/2015 has revealed that there are 4 RCRA-LQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON - MANHOLE	***276 HUMBOLDT ST***	***E 0 - 1/8 (0.117 mi.)***	***H94***	***201***

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
781 METROPOLITAN AVE	*771-781 METROPOLITAN*	*N 1/8 - 1/4 (0.222 mi.)*	*AG179*	*423*

Lower Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON - MANHOLE	*623 GRAND ST*	*W 1/8 - 1/4 (0.147 mi.)*	*J106*	*226*
CON EDISON - MANHOLE	*169 MESEROLE ST / MA*	*SSE 1/8 - 1/4 (0.230 mi.)*	*AJ187*	*444*

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 06/09/2015 has revealed that there are 3 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GRAND CLEANERS	*765 GRAND ST*	*ENE 0 - 1/8 (0.098 mi.)*	*I78*	*151*
NYC DEPT OF EDUCATIO	*101 MAUJER ST*	*WSW 1/8 - 1/4 (0.134 mi.)*	*L103*	*218*
MTA NYCT - GRAND STR	*GRAND ST & BUSHWICK*	*ENE 1/8 - 1/4 (0.193 mi.)*	*S155*	*356*

RCRA-CESQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-CESQG list, as provided by EDR, and dated 06/09/2015 has revealed that there are 4 RCRA-CESQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WILLIAMSBURG HEALTH	151 MAUJER ST	SSW 0 - 1/8 (0.024 mi.)	A15	18
NYC BD OF ED - INTER	***223 GRAHAM AVE***	***SSE 0 - 1/8 (0.076 mi.)***	***B47***	***90***
NYCHA - WILLIAMSBURG	222 GRAHAM AVE BLDG	SSE 0 - 1/8 (0.077 mi.)	B52	105

Lower Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON	*151 MESEROLE ST & GR*	*SSE 1/8 - 1/4 (0.221 mi.)*	*X177*	*407*

State- and tribal - equivalent CERCLIS

NY SHWS: The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Environmental Conservation's Inactive Hazardous waste Disposal Sites in New York State.

A review of the NY SHWS list, as provided by EDR, and dated 01/12/2016 has revealed that there are 12

NY SHWS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FORMER KLINK COSMO C Site Code: 405851 Class Code: Significant threat to the public health or environment - action required.	364 RICHARDSON STREE	NNE 1/2 - 1 (0.705 mi.)	252	733
95 LOMBARDY ST./ACME Site Code: 405853 Class Code: Significant threat to the public health or environment - action required.	***95 LOMBARDY ST***	***NNE 1/2 - 1 (0.871 mi.)***	***257***	***782***
ACME STEEL PARTITION Site Code: 405855 Site Code: 494893 Class Code: Significant threat to the public health or environment - action required.	***513 PORTER AVE***	***NNE 1/2 - 1 (0.956 mi.)***	***261***	***812***
CHLORAL GROUP Site Code: 486951 Class Code: Significant threat to the public health or environment - action required.	***171 LOMBARDY ST***	***NNE 1/2 - 1 (0.983 mi.)***	***263***	***822***

Lower Elevation	Address	Direction / Distance	Map ID	Page
BQE/ANSBACHER COLOR Site Code: 55913 Class Code: Does not present a significant threat to the public health or the environment - action may be deferred.	MEEKER AVENUE	WNW 1/2 - 1 (0.511 mi.)	246	697
CITY BARREL CO. Site Code: 55909	421-429 MEEKER STREE	NNW 1/2 - 1 (0.530 mi.)	248	700
2 INGRAHAM STREET Site Code: 57074	***2 INGRAHAM STREET***	***ESE 1/2 - 1 (0.637 mi.)***	***249***	***701***
GOODMAN BROTHERS STE ***BERKMAN BROS INC*** Site Code: 470590	***18 DIVISION PLACE*** ***ECKFORD ST***	***NNE 1/2 - 1 (0.653 mi.)*** ***NNW 1/2 - 1 (0.729 mi.)***	***250*** ***253***	***704*** ***735***
VARICK AVENUE Site Code: 55914	165 VARICK AVENUE	E 1/2 - 1 (0.805 mi.)	256	780
GREENPOINT ENERGY FA Site Code: 372971 Class Code: Significant threat to the public health or environment - action required.	***287 MASPETH AVENUE***	***NE 1/2 - 1 (0.903 mi.)***	***AQ259***	***789***
US ENVIRONMENTAL PRO Site Code: 56747	***C O BCF OIL REFINING***	***ENE 1/2 - 1 (0.943 mi.)***	***260***	***800***

State and tribal landfill and/or solid waste disposal site lists

NY SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the list.

A review of the NY SWF/LF list, as provided by EDR, and dated 01/05/2016 has revealed that there is 1 NY SWF/LF site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
LOSTRITTO & CALANDRI	1-23 MESEROLE AVE	SW 1/4 - 1/2 (0.363 mi.)	224	613

State and tribal leaking storage tank lists

NY LTANKS: Leaking Storage Tank Incident Reports. These records contain an inventory of reported leaking storage tank incidents reported from 4/1/86 through the most recent update. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills

A review of the NY LTANKS list, as provided by EDR, and dated 11/16/2015 has revealed that there are 34 NY LTANKS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
151 MAUJER ST Spill Number/Closed Date: 9414176 / 2003-02-28 Site ID: 233375 Program Number: 9414176	151 MAUJER STREET	SSW 0 - 1/8 (0.024 mi.)	A14	17
WILLIAMSBURG Spill Number/Closed Date: 8809821 / 1992-12-04 Site ID: 304525 Program Number: 8809821	144 MAUJER ST & GRAH	SSE 0 - 1/8 (0.038 mi.)	A25	40
WILLIAMSBURG HOUSES Spill Number/Closed Date: 9104201 / 1995-04-27 Spill Number/Closed Date: 9314699 / 1994-03-23 Spill Number/Closed Date: 9305275 / Not Reported Site ID: 128131 Site ID: 131045 Site ID: 121683 Program Number: 9104201 Program Number: 9314699 Program Number: 9305275	***128 MAUJER STREET***	***SW 0 - 1/8 (0.070 mi.)***	***C42***	***63***
INTERMEDIATE SCHOOL Spill Number/Closed Date: 9711161 / 2005-03-14 Spill Number/Closed Date: 0411168 / 2005-12-19 Site ID: 128139 Site ID: 336264 Program Number: 9711161 Program Number: 0411168	***223 GRAHAM AVENUE***	***SSE 0 - 1/8 (0.076 mi.)***	***B46***	***81***
WILLIAMSBURG HOUSES Spill Number/Closed Date: 9802239 / 2010-02-12 Site ID: 77200 Program Number: 9802239	***188 TEN EYCK WALK***	***SSE 0 - 1/8 (0.080 mi.)***	***B59***	***119***
WILLIAMSBURG HOUSES Spill Number/Closed Date: 9811227 / 2005-12-02 Spill Number/Closed Date: 9810259 / 2004-01-08 Spill Number/Closed Date: 9810261 / 2004-01-08 Spill Number/Closed Date: 9811727 / 1999-03-29 Site ID: 187018 Site ID: 204507 Site ID: 204508 Site ID: 204509 Program Number: 9811227 Program Number: 9810259 Program Number: 9810261 Program Number: 9811727	***125 STAGG WALK***	***SSW 1/8 - 1/4 (0.148 mi.)***	***Q108***	***232***
WILLIAMSBURGH HOUSES	***211 STAGG WALK***	***ESE 1/8 - 1/4 (0.212 mi.)***	***AA166***	***381***

Spill Number/Closed Date: 9110920 / 1992-01-22 Site ID: 187016 Program Number: 9110920				
25 BUSHWICK AVE Spill Number/Closed Date: 9512040 / 1999-07-04 Site ID: 134902 Program Number: 9512040	25 BUSHWICK AVE	NE 1/8 - 1/4 (0.218 mi.)	173	402
METROPOLITAN AVE/MER Spill Number/Closed Date: 8903546 / 1989-07-10 Site ID: 252968 Program Number: 8903546	METROPOLITAN&BUSHWIC	NNE 1/8 - 1/4 (0.245 mi.)	AC209	518
SHELL OIL CO Spill Number/Closed Date: 8900824 / 1991-04-30 Site ID: 182085 Program Number: 8900824	***2 BUSHWICK AVE***	***NNE 1/8 - 1/4 (0.248 mi.)***	***AC215***	***535***
MERIT METROPOLITAN Spill Number/Closed Date: 9404715 / 1994-11-22 Site ID: 158143 Program Number: 9404715	***810 METROPOLITAN AVE***	***NNE 1/4 - 1/2 (0.255 mi.)***	***216***	***553***
SPILL NUMBER 0003338 Spill Number/Closed Date: 0003338 / 2003-04-10 Site ID: 202905 Program Number: 0003338	232 MESROLE ST	SE 1/4 - 1/2 (0.323 mi.)	AN222	608
SPILL NUMBER 0300112 Spill Number/Closed Date: 0300112 / 2004-03-24 Site ID: 80495 Program Number: 0300112	***1-7 BUSHWICK PLACE***	***SE 1/4 - 1/2 (0.359 mi.)***	***AN223***	***609***

Lower Elevation	Address	Direction / Distance	Map ID	Page
MOST HOLY TRINITY RE Spill Number/Closed Date: 0306650 / 2006-08-25 Site ID: 131344 Program Number: 0306650	***157 GRAHAM AVE***	***SSE 1/4 - 1/2 (0.265 mi.)***	***219***	***594***
J & M AUTO REPAIRS Spill Number/Closed Date: 8901284 / 2008-07-21 Site ID: 92038 Program Number: 8901284	***881-885 GRAND ST***	***ENE 1/4 - 1/2 (0.300 mi.)***	***221***	***602***
308 MAUJER ST Spill Number/Closed Date: 0305120 / 2006-01-31 Site ID: 144741 Program Number: 0305120	308 MAUJER ST	E 1/4 - 1/2 (0.392 mi.)	225	613
522 METROPOLITAN AVE Spill Number/Closed Date: 9515443 / 2003-02-24 Site ID: 127377 Program Number: 9515443	522 METROPOLITAN AVE	WNW 1/4 - 1/2 (0.405 mi.)	226	614
BORINQUEN PLAZA Spill Number/Closed Date: 9402292 / 2004-01-08 Spill Number/Closed Date: 9905903 / 2004-01-08 Site ID: 74795 Site ID: 233389	***130 HUMBOLDT STREET***	***SSE 1/4 - 1/2 (0.411 mi.)***	***AO227***	***615***

Program Number: 9402292
Program Number: 9905903

BORINQUEN HOUSES ***300 BUSHWICK AVENUE*** ***SE 1/4 - 1/2 (0.423 mi.)*** ***228*** ***620***
Spill Number/Closed Date: 9711478 / 1998-02-02
Spill Number/Closed Date: 9010701 / 1998-01-13
Spill Number/Closed Date: 9712046 / 2004-02-06
Site ID: 191464
Site ID: 191530
Site ID: 191531
Program Number: 9711478
Program Number: 9010701
Program Number: 9712046

APARTMENT BLDG ***243 JACKSON STREET*** ***NNE 1/4 - 1/2 (0.426 mi.)*** ***229*** ***625***
Spill Number/Closed Date: 0409577 / 2005-02-04
Site ID: 334346
Program Number: 0409577

BORINQUEN PLAZA ***120 HUMBOLDT STREET*** ***SSE 1/4 - 1/2 (0.437 mi.)*** ***AO230*** ***630***
Spill Number/Closed Date: 9807939 / 2010-10-28
Site ID: 201928
Program Number: 9807939

90 PRECINCT NYPD -DD ***209 UNION AVENUE*** ***SW 1/4 - 1/2 (0.442 mi.)*** ***AP231*** ***633***
Spill Number/Closed Date: 8606252 / 2005-01-10
Site ID: 85755
Program Number: 8606252

209 UNION AVENUE 209 UNION AVE - 90TH SW 1/4 - 1/2 (0.442 mi.) AP232 639
Spill Number/Closed Date: 9502048 / 1995-05-18
Site ID: 322916
Program Number: 9502048

MIRON LUMBER CO INC ***268 JOHNSON AVE*** ***SE 1/4 - 1/2 (0.443 mi.)*** ***233*** ***640***
Spill Number/Closed Date: 9913444 / 2009-01-14
Spill Number/Closed Date: 8904846 / 2008-05-06
Site ID: 195776
Site ID: 148418
Program Number: 9913444
Program Number: 8904846

APARTMENT BUILDING 35 MEADOW STREET E 1/4 - 1/2 (0.444 mi.) 234 649
Spill Number/Closed Date: 0601731 / 2006-08-29
Site ID: 364030
Program Number: 0601731

BORINQUEN PLAZA ***110 HUMBOLDT STREET*** ***SSE 1/4 - 1/2 (0.460 mi.)*** ***AO235*** ***651***
Spill Number/Closed Date: 9605290 / 2010-11-10
Site ID: 86456
Program Number: 9605290

COOPER PARK HOUSING ***295 JACKSON ST*** ***NNE 1/4 - 1/2 (0.473 mi.)*** ***236*** ***654***
Spill Number/Closed Date: 9515713 / 2009-09-14
Spill Number/Closed Date: 9515837 / 2008-06-10
Spill Number/Closed Date: 9414384 / 1996-03-29
Spill Number/Closed Date: 9414271 / 1996-03-29
Site ID: 250035
Site ID: 250036
Site ID: 64539
Site ID: 315998

Program Number: 9515713 Program Number: 9515837 Program Number: 9414384 Program Number: 9414271				
345 TENEYCK STREET Spill Number/Closed Date: 9210082 / 1992-12-01 Site ID: 300237 Program Number: 9210082	345 TENEYCK STREET	E 1/4 - 1/2 (0.474 mi.)	237	660
442 5TH ST Spill Number/Closed Date: 9107178 / 1991-10-10 Site ID: 271727 Program Number: 9107178	442 5TH ST	SW 1/4 - 1/2 (0.479 mi.)	238	661
THIRD AVE YARD Spill Number/Closed Date: 0506700 / 2005-09-07 Spill Number/Closed Date: 9605014 / 2003-12-30 Site ID: 351960 Site ID: 263134 Program Number: 0506700 Program Number: 9605014	***222 FIRST STREET***	***NNE 1/4 - 1/2 (0.479 mi.)***	***239***	***662***
LINDSAY PARK HOUSING Spill Number/Closed Date: 0906148 / 2010-10-27 Site ID: 418462 Program Number: 0906148	54 BOERUM ST	SSW 1/4 - 1/2 (0.481 mi.)	240	670
ENGINE CO. 216/LADD. Spill Number/Closed Date: 8607159 / 2005-01-13 Site ID: 188778 Program Number: 8607159	***187 UNION AVENUE***	***SW 1/4 - 1/2 (0.487 mi.)***	***241***	***672***
FROST & MEEKER AVE Spill Number/Closed Date: 9601530 / 2010-08-05 Site ID: 261281 Program Number: 9601530	***64 FROST STREET***	***NNW 1/4 - 1/2 (0.487 mi.)***	***242***	***676***
CON EDISON Spill Number/Closed Date: 9100258 / 1998-01-12 Spill Number/Closed Date: 9711438 / 2010-07-12 Site ID: 327446 Site ID: 327447 Program Number: 9100258 Program Number: 9711438	***155 SIEGEL ST***	***SSE 1/4 - 1/2 (0.492 mi.)***	***244***	***693***

State and tribal registered storage tank lists

NY UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database

A review of the NY UST list, as provided by EDR, and dated 12/29/2015 has revealed that there are 19 NY UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CHASE BANK	726 GRAND STREET	ENE 0 - 1/8 (0.029 mi.)	A18	26
NYC DEPARTMENT OF HE	WILLIAMSBURG DISTRIC	SSW 0 - 1/8 (0.033 mi.)	A20	31

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WILLIAMSBURG	***164 MAUJER STREET***	***SE 0 - 1/8 (0.035 mi.)***	***A23***	***35***
GLOVEMAN REALTY CORP	***294 GRAHAM AVENUE***	***NNE 0 - 1/8 (0.066 mi.)***	***F41***	***60***
WILLIAMSBURGH HOUSES	***128 MAUJER STREET***	***SW 0 - 1/8 (0.070 mi.)***	***C43***	***73***
INTERMEDIATE SCHOOL	***223 GRAHAM AVENUE***	***SSE 0 - 1/8 (0.076 mi.)***	***B46***	***81***
WILLIAMSBURGH HOUSES	188 TEN EYCK WALK	SSE 0 - 1/8 (0.080 mi.)	B58	115
WILLIAMSBURG	***200 MAUJER STREET***	***ESE 0 - 1/8 (0.104 mi.)***	***H80***	***171***
WILLIAMSBURGH HOUSES	***125 STAGG WALK***	***SSW 1/8 - 1/4 (0.148 mi.)***	***Q109***	***239***
WILLIAMSBURG	***94 MAUJER STREET***	***WSW 1/8 - 1/4 (0.154 mi.)***	***L113***	***249***
326 GRAHAM AVE	326 GRAHAM AVENUE	N 1/8 - 1/4 (0.160 mi.)	M120	272
WILLIAMSBURGH HOUSES	***211 STAGG WALK***	***ESE 1/8 - 1/4 (0.212 mi.)***	***AA166***	***381***
BENNETT TRUCKING SIT	845 GRAND STREET	ENE 1/8 - 1/4 (0.244 mi.)	AM206	513
SHELL SERVICE STATIO	2 BUSHWICK AVENUE	NNE 1/8 - 1/4 (0.248 mi.)	AC214	526

Lower Elevation	Address	Direction / Distance	Map ID	Page
TARASHINSKY MDSE CO	254 MANHATTAN AVE	NW 0 - 1/8 (0.074 mi.)	D45	79
CONSYLEA ST. ASSOCIA	211 AINSLEE STREET	NNW 0 - 1/8 (0.121 mi.)	N97	204
WILLIAMSBURG	***111 SCHOLES STREET***	***SSW 1/8 - 1/4 (0.184 mi.)***	***143***	***325***
WILLIAMSBURG	***181 SCHOLES STREET***	***SE 1/8 - 1/4 (0.200 mi.)***	***AB159***	***367***
SALERNO SERVICE STAT	451 LORIMER STREET	WSW 1/8 - 1/4 (0.242 mi.)	AK205	506

NY AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database.

A review of the NY AST list, as provided by EDR, and dated 12/29/2015 has revealed that there are 29 NY AST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WILLIAMSBURG Facility Id: 2-602347	***164 MAUJER STREET***	***SE 0 - 1/8 (0.035 mi.)***	***A23***	***35***
WILLIAMSBURGH HOUSES Facility Id: 2-601883	***128 MAUJER STREET***	***SW 0 - 1/8 (0.070 mi.)***	***C43***	***73***
INTERMEDIATE SCHOOL Facility Id: 2-356220	***223 GRAHAM AVENUE***	***SSE 0 - 1/8 (0.076 mi.)***	***B46***	***81***
755 REALTY CORP. Facility Id: 2-608530	753 GRAND STREET	ENE 0 - 1/8 (0.077 mi.)	E49	101
WILLIAMSBURG Facility Id: 2-602348	***200 MAUJER STREET***	***ESE 0 - 1/8 (0.104 mi.)***	***H80***	***171***
FRANK LOVISI Facility Id: 2-160180	***308 GRAHAM AVE***	***N 0 - 1/8 (0.111 mi.)***	***F87***	***184***
PS 18 Facility Id: 2-355860	***101 MAUJER ST***	***WSW 1/8 - 1/4 (0.134 mi.)***	***L104***	***221***
WILLIAMSBURGH HOUSES Facility Id: 2-475157	***125 STAGG WALK***	***SSW 1/8 - 1/4 (0.148 mi.)***	***Q109***	***239***
WILLIAMSBURG Facility Id: 2-602346	***94 MAUJER STREET***	***WSW 1/8 - 1/4 (0.154 mi.)***	***L113***	***249***
231 MAUJER STREET Facility Id: 2-466727	***231 MAUJER STREET***	***E 1/8 - 1/4 (0.171 mi.)***	***S133***	***300***
JP MORGAN CHASE AND	819 GRAND STREET	ENE 1/8 - 1/4 (0.187 mi.)	S148	339

Facility Id: 2-601809				
WILLIAMSBURGH HOUSES Facility Id: 2-601884	***211 STAGG WALK***	***ESE 1/8 - 1/4 (0.212 mi.)***	***AA166***	***381***
SHELL SERVICE STATIO Facility Id: 2-190411	2 BUSHWICK AVENUE	NNE 1/8 - 1/4 (0.248 mi.)	AC213	523

Lower Elevation	Address	Direction / Distance	Map ID	Page
658 GRAND STREET HDF Facility Id: 2-466859	658 GRAND STREET	W 0 - 1/8 (0.087 mi.)	D66	130
648-652 GRAND STREET Facility Id: 2-466476	***648-652 GRAND STREET***	***W 0 - 1/8 (0.104 mi.)***	***J81***	***175***
ALX AUTO REPAIR CORP Facility Id: 2-609873	222 LEONARD STREET	W 1/8 - 1/4 (0.150 mi.)	R111	245
WILLIAMSBURG Facility Id: 2-602349	***111 SCHOLES STREET***	***SSW 1/8 - 1/4 (0.184 mi.)***	***143***	***325***
WILLIAMSBURG Facility Id: 2-602350	***181 SCHOLES STREET***	***SE 1/8 - 1/4 (0.200 mi.)***	***AB159***	***367***
BRICKMER REALTY CORP Facility Id: 2-374431	722 METROPOLITAN AVE	N 1/8 - 1/4 (0.204 mi.)	T160	371
LEONARD ARMS INC Facility Id: 2-338486	***85 DEVOE ST***	***NW 1/8 - 1/4 (0.217 mi.)***	***Z169***	***391***
LEONARD BRANCH Facility Id: 2-345199	***81 DEVOE STREET***	***NW 1/8 - 1/4 (0.224 mi.)***	***181***	***429***
PACOGON CORP Facility Id: 2-250953	***677 METROPOLITAN AVE***	***NNW 1/8 - 1/4 (0.227 mi.)***	***AH182***	***432***
210 HUMBOLT ST Facility Id: 2-272329	***210 HUMBOLDT STREET***	***SE 1/8 - 1/4 (0.231 mi.)***	***AB188***	***448***
171 MESEROLE ST Facility Id: 2-329983	***171 MESEROLE ST***	***SSE 1/8 - 1/4 (0.231 mi.)***	***AJ189***	***451***
442 LORIMER INC. Facility Id: 2-601303	***442 LORIMER STREET***	***WSW 1/8 - 1/4 (0.232 mi.)***	***AK190***	***455***
PUBLIC SCHOOL 132 - Facility Id: 2-342289	320 MANHATTAN AVENUE	NNW 1/8 - 1/4 (0.234 mi.)	AH192	462
656 REALTY Facility Id: 2-235717	***656 METROPOLITAN AVE***	***NW 1/8 - 1/4 (0.240 mi.)***	***AH201***	***495***
SALERNO SERVICE STAT Facility Id: 2-600442	***451 LORIMER STREET***	***WSW 1/8 - 1/4 (0.242 mi.)***	***AK204***	***500***
GREENPOINT YMCA Facility Id: 2-329215	99 MESEROLE AVENUE	SSW 1/8 - 1/4 (0.247 mi.)	AL212	521

State and tribal institutional control / engineering control registries

NY ENG CONTROLS: Environmental Remediation sites that have engineering controls in place.

A review of the NY ENG CONTROLS list, as provided by EDR, and dated 01/12/2016 has revealed that

there is 1 NY ENG CONTROLS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FORMER BENNETT TRUCK Site Code: 485965	***845 GRAND STREET***	***ENE 1/8 - 1/4 (0.236 mi.)***	***AM195***	***467***

Environmental Remediation sites that have institutional controls in place.

A review of the NY INST CONTROL list, as provided by EDR, and dated 01/12/2016 has revealed that there are 2 NY INST CONTROL sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FORMER BENNETT TRUCK Site Code: 485965	***845 GRAND STREET***	***ENE 1/8 - 1/4 (0.236 mi.)***	***AM195***	***467***

Lower Elevation	Address	Direction / Distance	Map ID	Page
FORMER DRIGGS PLYWOO Site Code: 483489	***11 JACKSON STREET***	***NW 1/4 - 1/2 (0.489 mi.)***	***243***	***683***

State and tribal Brownfields sites

NY BROWNFIELDS: Brownfields Site List

A review of the NY BROWNFIELDS list, as provided by EDR, and dated 01/12/2016 has revealed that there are 6 NY BROWNFIELDS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FORMER BENNETT TRUCK Site Code: 485965	***845 GRAND STREET***	***ENE 1/8 - 1/4 (0.236 mi.)***	***AM195***	***467***
FORMER SCIENTIFIC FI Site Code: 487645 Site Code: 468207	***871 GRAND STREET***	***ENE 1/4 - 1/2 (0.285 mi.)***	***AM220***	***599***

Lower Elevation	Address	Direction / Distance	Map ID	Page
555 GRAND STREET Site Code: 489692	***555 GRAND STREET***	***W 1/4 - 1/2 (0.264 mi.)***	***AE217***	***573***
TRUVAL CLEANERS Site Code: 508513	***555 GRAND ST***	***W 1/4 - 1/2 (0.264 mi.)***	***AE218***	***575***
FORMER DRIGGS PLYWOO Site Code: 508516 Site Code: 483489	***11 JACKSON STREET***	***NW 1/4 - 1/2 (0.489 mi.)***	***243***	***683***
432 RODNEY STREET Site Code: 507600	432 RODNEY, 123 AND	W 1/4 - 1/2 (0.497 mi.)	245	696

EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Registered Storage Tanks

NY HIST UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database

A review of the NY HIST UST list, as provided by EDR, and dated 01/01/2002 has revealed that there are 4 NY HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DIME SAVINGS BANK Facility Status: 1 PBS Number: 2-601850 Tank Status: 1	726 GRAND STREET	ENE 0 - 1/8 (0.029 mi.)	A17	24
GLOVEMAN REALTY CORP Facility Status: 1 PBS Number: 2-329800 Tank Status: 1	***294 GRAHAM AVENUE***	***NNE 0 - 1/8 (0.066 mi.)***	***F41***	***60***
WILLIAMSBURG HOUSES Facility Status: 1 PBS Number: 2-601883 Tank Status: 1	***128 MAUJER STREET***	***SW 0 - 1/8 (0.070 mi.)***	***C42***	***63***

Lower Elevation	Address	Direction / Distance	Map ID	Page
SALERNO SERVICE STAT Facility Status: 1 PBS Number: 2-600442 Tank Status: 4	***451 LORIMER STREET***	***WSW 1/8 - 1/4 (0.242 mi.)***	***AK204***	***500***

Records of Emergency Release Reports

NY Spills: Data collected on spills reported to NYSDEC. is required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

A review of the NY Spills list, as provided by EDR, and dated 11/16/2015 has revealed that there are 11 NY Spills sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SPILL NUMBER 9900019 Spill Number/Closed Date: 9900019 / 1999-07-08 spillno: 9900019 Site ID: 180502	716 GRAND ST	NE 0 - 1/8 (0.010 mi.)	A4	9
711 GRAND STREET Spill Number/Closed Date: 9502718 / 2003-12-15 spillno: 9502718	711 GRAND STREET	N 0 - 1/8 (0.011 mi.)	A5	10

Site ID: 172421

WILLIAMSBURG HOUSING	128 MAJUAR ST	SSW 0 - 1/8 (0.049 mi.)	C31	46

Spill Number/Closed Date: 9900423 / 1999-06-10
spillno: 9900423
Site ID: 170648

WILLIAMSBURG HOUSES	***128 MAUJER STREET***	***SW 0 - 1/8 (0.070 mi.)***	***C42***	***63***

Spill Number/Closed Date: 9506468 / 1995-08-25
Spill Number/Closed Date: 9414149 / 1995-02-02
Spill Number/Closed Date: 9412051 / 1995-05-01
Spill Number/Closed Date: 9208264 / 1992-10-16
Spill Number/Closed Date: 9113231 / 2008-08-04
spillno: 9107819
spillno: 9113231
spillno: 9208264
spillno: 9412051
spillno: 9414149
**Additional key fields are available in the Map Findings section*
Site ID: 128132
Site ID: 308874
Site ID: 121682
Site ID: 121684
Site ID: 121685
**Additional key fields are available in the Map Findings section*

WILLIAMSBURG HOUSES	184 MAUJER ST	ESE 0 - 1/8 (0.071 mi.)	B44	78

Spill Number/Closed Date: 0202670 / 2002-06-13
spillno: 0202670
Site ID: 229979

WILLIAMSBURG HOUSES	***188 TEN EYCK WALK***	***SSE 0 - 1/8 (0.080 mi.)***	***B59***	***119***

Spill Number/Closed Date: 9413630 / 2005-12-07
spillno: 9413630
Site ID: 294663

185 POWERS ST - BKLN	185 POWERS ST	NE 0 - 1/8 (0.097 mi.)	F76	149

Spill Number/Closed Date: 8910037 / 1990-01-19
spillno: 8910037
Site ID: 322269

GRAND STREET BRIDGE	GRAND STREET	ENE 0 - 1/8 (0.111 mi.)	I88	187

Spill Number/Closed Date: 0203627 / 2002-11-04
Spill Number/Closed Date: 9708510 / 1997-10-21
spillno: 0203627
spillno: 9708510
Site ID: 307648
Site ID: 307649

SPILL NUMBER 0200270	282 HUMBOLDT ST	E 0 - 1/8 (0.114 mi.)	H92	199

Spill Number/Closed Date: 0200270 / 2002-04-10
spillno: 0200270
Site ID: 201786

Lower Elevation	Address	Direction / Distance	Map ID	Page
678 GRAND AVE	678 GRAND AVE	W 0 - 1/8 (0.050 mi.)	D34	48

Spill Number/Closed Date: 9508699 / 1995-10-16
Spill Number/Closed Date: 9107017 / 1991-09-30

spillno: 9107017
spillno: 9508699
Site ID: 232940
Site ID: 329299

MANHATTAN AVE & POWE	MANHATTAN AVE / POWE	NW 0 - 1/8 (0.085 mi.)	G64	128

Spill Number/Closed Date: 9403707 / 1995-03-06
spillno: 9403707
Site ID: 88493

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 06/09/2015 has revealed that there are 58 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON SERVICE B	***151 MAUJER ST***	***SSW 0 - 1/8 (0.024 mi.)***	***A13***	***15***
NYCHA - WILLIAMSBURG	***160 MAUJER ST BLDG #***	***SSE 0 - 1/8 (0.031 mi.)***	***A19***	***27***
CON EDISON MANHOLE:	GRAHAM AVE & MAUJER	SE 0 - 1/8 (0.034 mi.)	A21	33
NYCHA - WILLIAMSBURG	***142 MAUJER ST BLDG #***	***SSW 0 - 1/8 (0.042 mi.)***	***C27***	***41***
NYCHA - WILLIAMSBURG	***176 MAUJER ST BLDG #***	***ESE 0 - 1/8 (0.055 mi.)***	***B35***	***50***
CON EDISON SERVICE B	***181 MAUJER ST***	***ESE 0 - 1/8 (0.063 mi.)***	***B39***	***57***
NYCHA WILLIAMSBURG H	222 GRAHAM AVE BLDG	SSE 0 - 1/8 (0.077 mi.)	B51	104
CON EDISON SERVICE B	222 GRAHAM AVE	SSE 0 - 1/8 (0.077 mi.)	B53	107
NYCHA - WILLIAMSBURG	***124 MAUJER ST BLDG #***	***SW 0 - 1/8 (0.079 mi.)***	***C55***	***109***
CON EDISON SERVICE B	214 GRAHAM	SSE 0 - 1/8 (0.079 mi.)	B57	114
NYCHA - WILLIAMSBURG	***186 TEN EYCK WALK BL***	***SSE 0 - 1/8 (0.083 mi.)***	***B61***	***122***
CON EDISON SERVICE B	***195 MAUJER ST***	***ESE 0 - 1/8 (0.087 mi.)***	***H67***	***132***
NYCHA - WILLIAMSBURG	***200 TEN EYCK WALK BL***	***SE 0 - 1/8 (0.088 mi.)***	***B71***	***140***
NYCHA - WILLIAMSBURG	***196 MAUJER ST BLDG #***	***ESE 0 - 1/8 (0.093 mi.)***	***H74***	***145***
NYCHA - WILLIAMSBURG	***222 TEN EYCK WALK BL***	***SE 0 - 1/8 (0.106 mi.)***	***K85***	***180***
NYCHA - WILLIAMSBURG	***108 MAUJER ST BLDG #***	***WSW 0 - 1/8 (0.112 mi.)***	***L89***	***190***
V C CLEANERS	***203 MAUSER ST***	***E 0 - 1/8 (0.113 mi.)***	***H91***	***195***
NYCHA - WILLIAMSBURG	***214 MAUJER ST BLDG #***	***E 1/8 - 1/4 (0.130 mi.)***	***H101***	***210***
NYCHA - WILLIAMSBURG	***110 TEN EYCK WALK BL***	***SW 1/8 - 1/4 (0.133 mi.)***	***L102***	***214***
NYCHA - WILLIAMSBURG	***160 STAGG WALK BLDG***	***SE 1/8 - 1/4 (0.148 mi.)***	***P107***	***228***
NYCHA - WILLIAMSBURG	169 STAGG WALK	SE 1/8 - 1/4 (0.148 mi.)	K110	244
RHEE & NURYS DRY CLE	***802 GRAND ST***	***ENE 1/8 - 1/4 (0.158 mi.)***	***S118***	***258***
NYCHA - WILLIAMSBURG	***90 MAUJER ST BLDG #1***	***WSW 1/8 - 1/4 (0.162 mi.)***	***125***	***277***
NYCHA - WILLIAMSBURG	***90 TEN EYCK WALK BLD***	***SW 1/8 - 1/4 (0.163 mi.)***	***V127***	***282***
NYCHA - WILLIAMSBURG	***106 STAGG WALK BLDG***	***SSW 1/8 - 1/4 (0.167 mi.)***	***Q131***	***292***
NYCHA - WILLIAMSBURG	***178 STAGG WALK BLDG***	***SE 1/8 - 1/4 (0.170 mi.)***	***P132***	***296***
CON EDISON SERVICE B	***812 GRAND ST***	***ENE 1/8 - 1/4 (0.174 mi.)***	***S137***	***306***
NYCHA - WILLIAMSBURG	***97 STAGG WALK BLDG #***	***SW 1/8 - 1/4 (0.189 mi.)***	***V149***	***341***
CON EDISON SERVICE B	POWERS ST & BUSHWICK	ENE 1/8 - 1/4 (0.189 mi.)	Y151	349
NYCHA - WILLIAMSBURG	***88 STAGG WALK BLDG #***	***SW 1/8 - 1/4 (0.191 mi.)***	***V153***	***351***
NYCHA - WILLIAMSBURG	***196 STAGG WALK BLDG***	***SE 1/8 - 1/4 (0.198 mi.)***	***AA158***	***363***
NEW YORK HEATING COR	***354 HUMBOLDT ST***	***NNE 1/8 - 1/4 (0.207 mi.)***	***AC163***	***375***
NYCHA - WILLIAMSBURG	***214 STAGG WALK BLDG***	***ESE 1/8 - 1/4 (0.217 mi.)***	***AA170***	***394***

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON SERVICE B	161 BUSHWICK AVE	ESE 1/8 - 1/4 (0.228 mi.)	AI186	444
CON EDISON SERVICE B	202 SCHOLES ST	SE 1/8 - 1/4 (0.237 mi.)	AA197	490
CON EDISON SERVICE B	***16 JUDGE ST***	***ENE 1/8 - 1/4 (0.239 mi.)***	***Y199***	***492***
SHELL OIL CO	***2 BUSHWICK AVE***	***NNE 1/8 - 1/4 (0.248 mi.)***	***AC215***	***535***

Lower Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON SERVICE B	***633 GRAND ST***	***W 1/8 - 1/4 (0.130 mi.)***	***J100***	***209***
CON EDISON MANHOLE 1	***LEONARD ST & GRAND S***	***W 1/8 - 1/4 (0.151 mi.)***	***J112***	***247***
CON EDISON SERVICE B	143 DEVOE ST	N 1/8 - 1/4 (0.160 mi.)	T122	275
CON EDISON SERVICE B	***129 DEVOE***	***NNW 1/8 - 1/4 (0.165 mi.)***	***T129***	***289***
CON EDISON SERVICE B	177 AINSLIE ST	NW 1/8 - 1/4 (0.173 mi.)	W134	303
CON EDISON SERVICE B	***327 GRAHAM AVE***	***N 1/8 - 1/4 (0.180 mi.)***	***T140***	***310***
SAMS CLEANERS	***171 AINSLIE ST***	***WNW 1/8 - 1/4 (0.184 mi.)***	***W142***	***312***
GATTI CLEANERS	***334 GRAHAM AVE***	***N 1/8 - 1/4 (0.186 mi.)***	***T145***	***329***
CON EDISON SERVICE B	196 GRAHAM AVE	SSE 1/8 - 1/4 (0.187 mi.)	X147	338
CON EDISON SERVICE B	270 LEONARD ST	NW 1/8 - 1/4 (0.207 mi.)	W161	373
CON EDISON SERVICE B	***151 LEONARD ST***	***SW 1/8 - 1/4 (0.210 mi.)***	***AD164***	***379***
CON EDISON SERVICE B	***139 MESEROLE ST***	***S 1/8 - 1/4 (0.218 mi.)***	***AF171***	***399***
CON EDISON MANHOLE:	***151 MESEROLE ST***	***SSE 1/8 - 1/4 (0.220 mi.)***	***X174***	***403***
CON EDISON SERVICE B	***127 MESEROLE ST***	***S 1/8 - 1/4 (0.220 mi.)***	***AF176***	***405***
CON EDISON MANHOLE:	***GRAHAM AVE & MESEROL***	***SSE 1/8 - 1/4 (0.223 mi.)***	***X180***	***427***
CON EDISON SERVICE B	***132 MESEROLE ST***	***S 1/8 - 1/4 (0.228 mi.)***	***AF183***	***436***
CON EDISON SERVICE B	***282 LEONARD ST***	***NW 1/8 - 1/4 (0.228 mi.)***	***Z184***	***438***
NYC DEPT OF ED - PUB	***320 MANHATTAN AVE***	***NNW 1/8 - 1/4 (0.234 mi.)***	***AH191***	***458***
CON EDISON SERVICE B	120 MESOROLE ST	S 1/8 - 1/4 (0.235 mi.)	AL194	466
NYNEX-MANHOLE	***LORIMER & GRAND STS***	***W 1/8 - 1/4 (0.237 mi.)***	***AE196***	***488***
CON EDISON SERVICE B	141 MANHATTAN AVE	S 1/8 - 1/4 (0.246 mi.)	AL210	519

NY DRYCLEANERS: A listing of all registered drycleaning facilities.

A review of the NY DRYCLEANERS list, as provided by EDR, and dated 10/16/2015 has revealed that there are 5 NY DRYCLEANERS sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
THE DRY CLEANERS Facility Id: 2-6104-00972	240 GRAHAM AVENUE	SE 0 - 1/8 (0.042 mi.)	B26	41
GRAND CLEANERS Facility Id: 2-6101-01147	***765 GRAND ST***	***ENE 0 - 1/8 (0.098 mi.)***	***I78***	***151***
RHEE & NURY'S/Y&Y CL Facility Id: 2-6101-00356	802 GRAND STREET	ENE 1/8 - 1/4 (0.158 mi.)	S119	272

Lower Elevation	Address	Direction / Distance	Map ID	Page
SAM'S SAME DAY DRYCL Facility Id: 2-6101-00796	171 AINSLIE(256 LEON	WNW 1/8 - 1/4 (0.182 mi.)	W141	312
NEW GATTI/PARK/LOUIS Facility Id: 2-6101-00992	334 GRAHAM AVENUE	N 1/8 - 1/4 (0.186 mi.)	T144	329

EXECUTIVE SUMMARY

NY E DESIGNATION: Lots designation with an ?E? on the Zoning Maps of the City of New York for potential hazardous material contamination, air and/or noise quality impacts.

A review of the NY E DESIGNATION list, as provided by EDR, and dated 11/18/2015 has revealed that there are 26 NY E DESIGNATION sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LOT 32,TAXBLOCK 2782	709 GRAND STREET	NNW 0 - 1/8 (0.007 mi.)	A2	8
LOT 20,TAXBLOCK 2788	714 GRAND STREET	NNE 0 - 1/8 (0.007 mi.)	A3	8
LOT 15,TAXBLOCK 2788	700 GRAND STREET	NW 0 - 1/8 (0.013 mi.)	A6	11
LOT 30,TAXBLOCK 2782	717 GRAND STREET	NNE 0 - 1/8 (0.015 mi.)	A7	11
LOT 34,TAXBLOCK 2782	701 GRAND STREET	NW 0 - 1/8 (0.015 mi.)	A8	12
LOT 35,TAXBLOCK 2782	697 GRAND STREET	NW 0 - 1/8 (0.020 mi.)	A11	14
CON EDISON	***725 GRAND ST***	***NE 0 - 1/8 (0.028 mi.)***	***A16***	***21***
LOT 39,TAXBLOCK 2783	737 GRAND STREET	ENE 0 - 1/8 (0.048 mi.)	E30	46
LOT 10,TAXBLOCK 2789	738 GRAND STREET	ENE 0 - 1/8 (0.049 mi.)	E33	48
LOT 36,TAXBLOCK 2783	741 GRAND STREET	ENE 0 - 1/8 (0.055 mi.)	E36	54
LOT 24,TAXBLOCK 2776	293 GRAHAM AVENUE	N 0 - 1/8 (0.082 mi.)	F60	122
LOT 21,TAXBLOCK 2787	660 GRAND STREET	W 0 - 1/8 (0.083 mi.)	D62	127
LOT 5,TAXBLOCK 2777	302 GRAHAM AVENUE	N 0 - 1/8 (0.091 mi.)	F73	144
LOT 21,TAXBLOCK 2789	770 GRAND STREET	ENE 0 - 1/8 (0.105 mi.)	H82	178
LOT 22,TAXBLOCK 2789	772 GRAND STREET	ENE 0 - 1/8 (0.108 mi.)	H86	184
LOT 5,TAXBLOCK 2790	774 GRAND STREET	ENE 0 - 1/8 (0.113 mi.)	I90	194
LOT 1,TAXBLOCK 2784	302 HUMBOLDT STREET	ENE 0 - 1/8 (0.120 mi.)	I96	204

Lower Elevation	Address	Direction / Distance	Map ID	Page
LOT 40,TAXBLOCK 2782	683 GRAND STREET	WNW 0 - 1/8 (0.042 mi.)	A28	45
LOT 41,TAXBLOCK 2782	679 GRAND STREET	W 0 - 1/8 (0.047 mi.)	D29	46
LOT 30,TAXBLOCK 2781	663 GRAND STREET	W 0 - 1/8 (0.077 mi.)	D50	103
LOT 31,TAXBLOCK 2781	659 GRAND STREET	W 0 - 1/8 (0.084 mi.)	D63	127
LOT 32,TAXBLOCK 2781	655 GRAND STREET	W 0 - 1/8 (0.091 mi.)	D72	144
LOT 33,TAXBLOCK 2781	653 GRAND STREET	W 0 - 1/8 (0.094 mi.)	D75	149
LOT 34,TAXBLOCK 2781	649 GRAND STREET	W 0 - 1/8 (0.101 mi.)	J79	170
LOT 35,TAXBLOCK 2781	647 GRAND STREET	W 0 - 1/8 (0.105 mi.)	J84	179
LOT 36,TAXBLOCK 2781	639 GRAND STREET	W 0 - 1/8 (0.119 mi.)	J95	203

NY MANIFEST: Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

A review of the NY MANIFEST list, as provided by EDR, and dated 11/02/2015 has revealed that there are 82 NY MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON EPA ID: NYP004590857	265 GRAHAM AVE	ENE 0 - 1/8 (0.019 mi.)	A9	12
CON EDISON EPA ID: NYP004590865	277 GRAHAM AV	NE 0 - 1/8 (0.021 mi.)	A12	14
CON EDISON SERVICE B EPA ID: NYP004474185	***151 MAUJER ST***	***SSW 0 - 1/8 (0.024 mi.)***	***A13***	***15***
CON EDISON EPA ID: NYP004582771 EPA ID: NYP004704433	***725 GRAND ST***	***NE 0 - 1/8 (0.028 mi.)***	***A16***	***21***

EPA ID: NYP004704888				
CON EDISON EPA ID: NYP004545661	GRAHAM AVE & MAUJER	SE 0 - 1/8 (0.034 mi.)	A22	34
CON EDISON EPA ID: NYP004731279	143 MAUJER ST	SW 0 - 1/8 (0.037 mi.)	A24	39
CON ED EPA ID: NYP004829200	230 MANHATTAN AVE	WSW 0 - 1/8 (0.059 mi.)	C37	55
CON EDISON EPA ID: NYP004799441	230 MANHATTAN AVE	WSW 0 - 1/8 (0.059 mi.)	C38	56
CON EDISON SERVICE B EPA ID: NYP004468484	***181 MAUJER ST***	***ESE 0 - 1/8 (0.063 mi.)***	***B39***	***57***
CON EDISON EPA ID: NYP004700977	180 MAUJER ST	ESE 0 - 1/8 (0.063 mi.)	B40	59
NYC BD OF ED - INTER EPA ID: NYD987007945	***223 GRAHAM AVE***	***SSE 0 - 1/8 (0.076 mi.)***	***B47***	***90***
CON EDISON EPA ID: NYP004497004	222 GRAHAM AVE	SSE 0 - 1/8 (0.077 mi.)	B54	108
CON EDISON EPA ID: NYP004497020	214 GRAHAM	SSE 0 - 1/8 (0.079 mi.)	B56	113
NYCHA - WILLIAMSBURG EPA ID: NYR000000042	***186 TEN EYCK WALK BL***	***SSE 0 - 1/8 (0.083 mi.)***	***B61***	***122***
CON EDISON EPA ID: NYP004532842	195 MAUJER ST	ESE 0 - 1/8 (0.087 mi.)	H68	133
CON EDISON EPA ID: NYP004684502 EPA ID: NYP004692810 EPA ID: NYP004630091 EPA ID: NYP004694527 EPA ID: NYP004702619	195 MAUJER ST	ESE 0 - 1/8 (0.087 mi.)	H69	134
CON EDISON EPA ID: NYP004662813	195 MAJER ST	ESE 0 - 1/8 (0.087 mi.)	H70	139
GRAND CLEANERS EPA ID: NYR000033357	***765 GRAND ST***	***ENE 0 - 1/8 (0.098 mi.)***	***I78***	***151***
CON EDISON EPA ID: NYP004829945	305 GRAHAM AVE	N 0 - 1/8 (0.116 mi.)	M93	200
CON EDISON - MANHOLE EPA ID: NYP004345302	***276 HUMBOLDT ST***	***E 0 - 1/8 (0.117 mi.)***	***H94***	***201***
CON EDISON EPA ID: NYP004819078	309 GRAHAM AVE	N 1/8 - 1/4 (0.128 mi.)	M98	206
CON ED EPA ID: NYP004776068	275 AINSLIE STREET	NNE 1/8 - 1/4 (0.144 mi.)	O105	225
CON EDISON EPA ID: NYP004765341	799 GRAND ST	ENE 1/8 - 1/4 (0.155 mi.)	S114	253
CON EDISON EPA ID: NYP004775003	799 GRAND ST	ENE 1/8 - 1/4 (0.155 mi.)	S115	254
CON EDISON EPA ID: NYP004645156	298 AINSLIE ST	NE 1/8 - 1/4 (0.158 mi.)	O116	255
CON EDISON	298 AINSLIE ST	NE 1/8 - 1/4 (0.158 mi.)	O117	257

EPA ID: NYP004611257				
RHEE & NURYS DRY CLE EPA ID: NYD982271769	***802 GRAND ST***	***ENE 1/8 - 1/4 (0.158 mi.)***	***S118***	***258***
CON EDISON EPA ID: NYP004539126	180 DEVOE ST	NNE 1/8 - 1/4 (0.162 mi.)	U123	276
CON EDISON EPA ID: NYP004639126	180 DEVOE ST	NNE 1/8 - 1/4 (0.162 mi.)	U124	276
NYCHA - WILLIAMSBURG EPA ID: NYR000000026	***90 TEN EYCK WALK BLD***	***SW 1/8 - 1/4 (0.163 mi.)***	***V127***	***282***
CON EDISON EPA ID: NYP004709705	232 POWER ST	ENE 1/8 - 1/4 (0.163 mi.)	S128	288
CON EDISON SERVICE B EPA ID: NYP004445862	***812 GRAND ST***	***ENE 1/8 - 1/4 (0.174 mi.)***	***S137***	***306***
CON EDISON EPA ID: NYP004767059	811 GRAND ST	ENE 1/8 - 1/4 (0.175 mi.)	S138	308
CON EDISON EPA ID: NYP004774980	811 GRAND ST	ENE 1/8 - 1/4 (0.175 mi.)	S139	309
NYCHA - WILLIAMSBURG EPA ID: NY0000908483	***97 STAGG WALK BLDG #***	***SW 1/8 - 1/4 (0.189 mi.)***	***V149***	***341***
CON EDISON EPA ID: NYP004545794	POWERS ST & BUSHWICK	ENE 1/8 - 1/4 (0.189 mi.)	Y150	348
MTA NYCT - GRAND STR EPA ID: NYR000206920	GRAND ST & BUSHWICK	ENE 1/8 - 1/4 (0.193 mi.)	S156	360
NYNEX EPA ID: NYP000921718	BUSHWICK AVE & GRAND	ENE 1/8 - 1/4 (0.193 mi.)	S157	361
NYCHA - WILLIAMSBURG EPA ID: NYR000000208	***214 STAGG WALK BLDG***	***ESE 1/8 - 1/4 (0.217 mi.)***	***AA170***	***394***
781 METROPOLITAN AVE EPA ID: NYR000219360	771-781 METROPOLITAN	N 1/8 - 1/4 (0.222 mi.)	AG178	410
CON EDISON EPA ID: NYP004546826	161 BUSHWICK AVE	ESE 1/8 - 1/4 (0.228 mi.)	AI185	442
CON EDISON EPA ID: NYP004579231	202 SCHOLES ST	SE 1/8 - 1/4 (0.237 mi.)	AA198	491
CON EDISON SERVICE B EPA ID: NYP004452728	***16 JUDGE ST***	***ENE 1/8 - 1/4 (0.239 mi.)***	***Y199***	***492***
SHELL OIL CO EPA ID: NYD987001849	***2 BUSHWICK AVE***	***NNE 1/8 - 1/4 (0.248 mi.)***	***AC215***	***535***

Lower Elevation	Address	Direction / Distance	Map ID	Page
NYNEX EPA ID: NYP000915470	MANHATTAN AVE & POWE	NW 0 - 1/8 (0.085 mi.)	G65	129
CON EDISON EPA ID: NYP004571618	633 GRAND ST	W 1/8 - 1/4 (0.130 mi.)	J99	207
CON EDISON - MANHOLE EPA ID: NYP004298477	***623 GRAND ST***	***W 1/8 - 1/4 (0.147 mi.)***	***J106***	***226***
CON EDISON MANHOLE 1	***LEONARD ST & GRAND S***	***W 1/8 - 1/4 (0.151 mi.)***	***J112***	***247***

EPA ID: NYP004142972				
CON EDISON EPA ID: NYP004516787	143 DEVOE ST	N 1/8 - 1/4 (0.160 mi.)	T121	274
CON EDISON EPA ID: NYP004745154	615 GRAND ST	W 1/8 - 1/4 (0.162 mi.)	R126	281
CON EDISON SERVICE B EPA ID: NYP004452249	***129 DEVOE***	***NNW 1/8 - 1/4 (0.165 mi.)***	***T129***	***289***
CON EDISON EPA ID: NYP004771358	120 DEVOE ST	NNW 1/8 - 1/4 (0.166 mi.)	N130	291
CON EDISON EPA ID: NYP004549424	177 AINSLIE ST	NW 1/8 - 1/4 (0.173 mi.)	W135	304
CON EDISON EPA ID: NYP004758371	193 GRAHAM AVE	SSE 1/8 - 1/4 (0.174 mi.)	X136	305
CON EDISON SERVICE B EPA ID: NYP004372058	***327 GRAHAM AVE***	***N 1/8 - 1/4 (0.180 mi.)***	***T140***	***310***
SAMS CLEANERS EPA ID: NY0000277590	***171 AINSLIE ST***	***WNW 1/8 - 1/4 (0.184 mi.)***	***W142***	***312***
GATTI CLEANERS EPA ID: NYD982743981	***334 GRAHAM AVE***	***N 1/8 - 1/4 (0.186 mi.)***	***T145***	***329***
CON EDISON EPA ID: NYP004511903	196 GRAHAM AVE	SSE 1/8 - 1/4 (0.187 mi.)	X146	337
CON EDISON EPA ID: NYP004801107	103 DEVOE ST	NW 1/8 - 1/4 (0.190 mi.)	Z152	350
CON EDISON EPA ID: NYP004808863	194 GRAHAM AVE	SSE 1/8 - 1/4 (0.193 mi.)	X154	355
CON EDISON EPA ID: NYP004529921	270 LEONARD ST	NW 1/8 - 1/4 (0.207 mi.)	W162	374
CON EDISON EPA ID: NYP004553327	151 LEONARD ST	SW 1/8 - 1/4 (0.210 mi.)	AD165	380
CON ED EPA ID: NYP004804126	586 GRAND ST	W 1/8 - 1/4 (0.214 mi.)	AE167	389
CON EDISON EPA ID: NYP004789442	273 LENORD ST	NW 1/8 - 1/4 (0.215 mi.)	W168	390
CON EDISON SERVICE B EPA ID: NYP004446811	***139 MESEROLE ST***	***S 1/8 - 1/4 (0.218 mi.)***	***AF171***	***399***
CON EDISON EPA ID: NYP004447629	139 MESEROLE ST	S 1/8 - 1/4 (0.218 mi.)	AF172	401
CON EDISON EPA ID: NYP004527214	151 MESEROLE ST	SSE 1/8 - 1/4 (0.220 mi.)	X175	404
CON EDISON SERVICE B EPA ID: NYP004391231	***127 MESEROLE ST***	***S 1/8 - 1/4 (0.220 mi.)***	***AF176***	***405***
CON EDISON EPA ID: NYP004184081	***151 MESEROLE ST & GR***	***SSE 1/8 - 1/4 (0.221 mi.)***	***X177***	***407***
CON EDISON MANHOLE: EPA ID: NYP004447405	***GRAHAM AVE & MESEROL***	***SSE 1/8 - 1/4 (0.223 mi.)***	***X180***	***427***
CON EDISON SERVICE B	***132 MESEROLE ST***	***S 1/8 - 1/4 (0.228 mi.)***	***AF183***	***436***

EPA ID: NYP004368676				
CON EDISON SERVICE B EPA ID: NYP004342192	***282 LEONARD ST***	***NW 1/8 - 1/4 (0.228 mi.)***	***Z184***	***438***
CON EDISON - MANHOLE EPA ID: NYP004184123	***169 MESEROLE ST / MA***	***SSE 1/8 - 1/4 (0.230 mi.)***	***AJ187***	***444***
NYC DEPT OF ED - PUB EPA ID: NYR000093609	***320 MANHATTAN AVE***	***NNW 1/8 - 1/4 (0.234 mi.)***	***AH191***	***458***
CON EDISON EPA ID: NYP004574067	120 MESOROLE ST	S 1/8 - 1/4 (0.235 mi.)	AL193	465
NYNEX-MANHOLE EPA ID: NYP000921361	***LORIMER & GRAND STS***	***W 1/8 - 1/4 (0.237 mi.)***	***AE196***	***488***
CON EDISON EPA ID: NYP004768982	143 MANHATTAN AVE	S 1/8 - 1/4 (0.240 mi.)	AL200	494
NYNEX EPA ID: NYP000920199	465 LORIMER ST	W 1/8 - 1/4 (0.241 mi.)	AE202	498
CON EDISON EPA ID: NYP004686697	56 POWERS ST	W 1/8 - 1/4 (0.241 mi.)	203	499
CON ED EPA ID: NYP004825515	182 MESEROLE ST	SSE 1/8 - 1/4 (0.245 mi.)	AJ207	515
CON EDISON EPA ID: NYP004772323	106 MESEROLE ST	SSW 1/8 - 1/4 (0.245 mi.)	AL208	517
CON EDISON EPA ID: NYP004572608	141 MANHATTAN AVE	S 1/8 - 1/4 (0.246 mi.)	AL211	520

NJ MANIFEST: Hazardous waste manifest information.

A review of the NJ MANIFEST list, as provided by EDR, and dated 11/02/2015 has revealed that there are 2 NJ MANIFEST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON EPA ID: NYP004184081	***151 MESEROLE ST & GR***	***SSE 1/8 - 1/4 (0.221 mi.)***	***X177***	***407***
CON EDISON - MANHOLE EPA ID: NYP004184123	***169 MESEROLE ST / MA***	***SSE 1/8 - 1/4 (0.230 mi.)***	***AJ187***	***444***

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and

non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

A review of the EDR MGP list, as provided by EDR, has revealed that there are 4 EDR MGP sites within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
SCHOLES ST. STATION	SCHOLES ST 7 BOGART	ESE 1/2 - 1 (0.529 mi.)	247	699
EQUITY WORKS	MASPETH AND VANDERVO	NE 1/2 - 1 (0.663 mi.)	251	733
GREENPOINT	287 MASPETH AVENUE	NE 1/2 - 1 (0.903 mi.)	AQ258	789
WYTHE AVE. (BERRY ST	WYTHE AVE., BERRY ST	NW 1/2 - 1 (0.971 mi.)	262	822

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 2 EDR Hist Auto sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported	253 GRAHAM AVE	ESE 0 - 1/8 (0.019 mi.)	A10	13
Not reported	283 GRAHAM AVE	NNE 0 - 1/8 (0.049 mi.)	E32	48

EDR Hist Cleaner: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there are 3 EDR Hist Cleaner sites within approximately 0.125 miles of the target property.

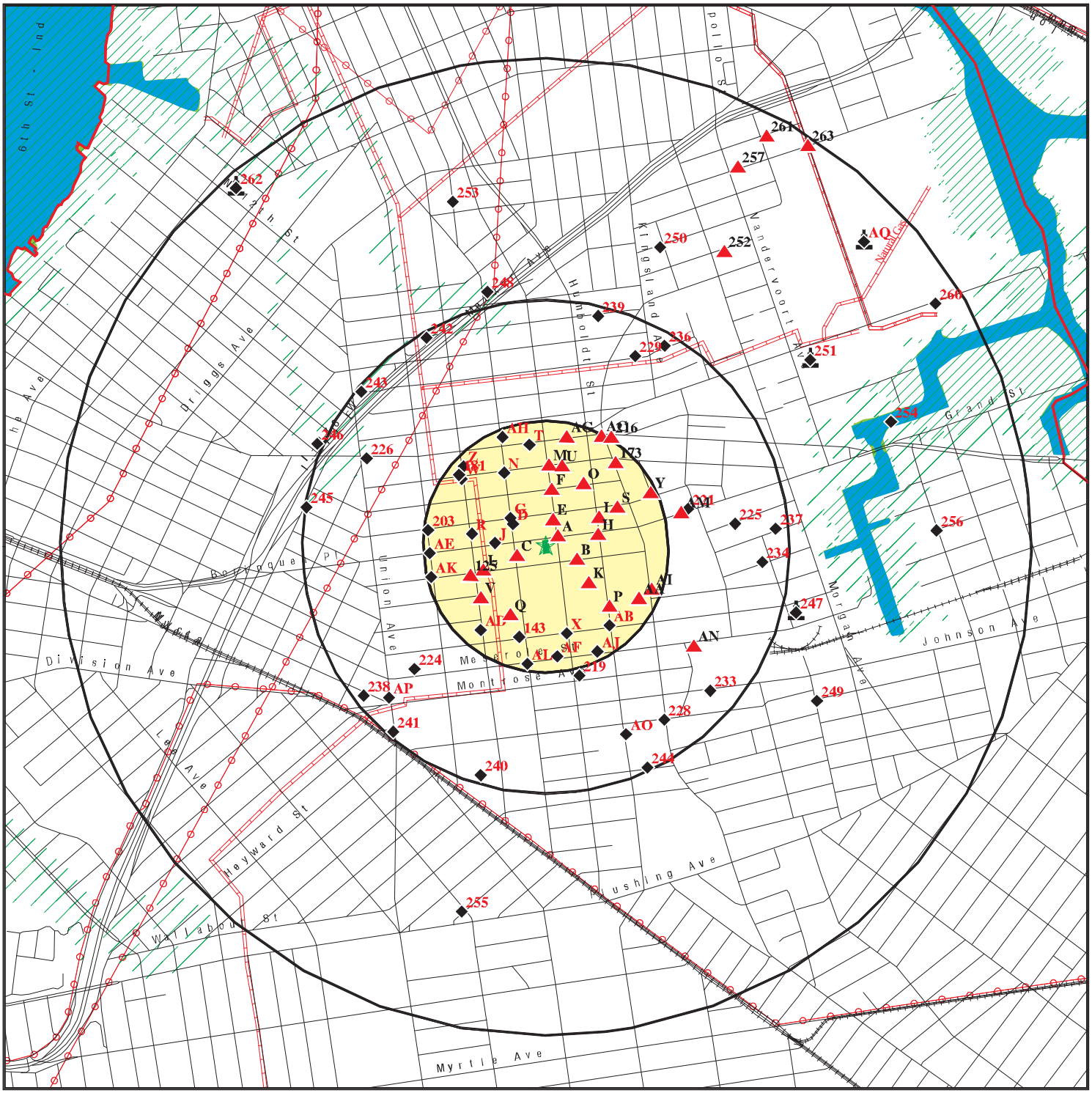
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported	664 GRAND ST	W 0 - 1/8 (0.076 mi.)	D48	101
Not reported	765 GRAND ST	ENE 0 - 1/8 (0.098 mi.)	I77	150
Not reported	770 GRAND ST	ENE 0 - 1/8 (0.105 mi.)	H83	178

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 14 records.

Site Name	Database(s)
DAVIDSON PIPE SUPPLY COMPANY	NY SHWS
INGRAHAM STREET SIDEWALK PLUME TRA	NY SHWS
NORTH OF CORNISH KNIT GOODS	NY SHWS
KENT TERMINAL	NY SHWS, NY VCP
JONES MOTORS	NY SHWS
MEEKER AVENUE PLUME TRACKDOWN	NY SHWS
MORGAN OIL TERMINAL	NY SHWS
K - SCHOLES ST. STATION	NY SHWS, NY BROWNFIELDS
BASEMENT	NY LTANKS
USPS GOWANUS SITE, FORMER MGP METR	NY VCP
KEAP ST. STATION	NY VCP
EQUITY WORKS	NY VCP
SCHOLES ST. STATION	NY VCP
SKILLMAN STATION	NY VCP

OVERVIEW MAP - 4556130.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

0 1/4 1/2 1 Miles

Indian Reservations BIA

County Boundary

Power transmission lines

Pipelines

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: M14602 ADDRESS: 710 GRAND STREET Brooklyn NY 11206 LAT/LONG: 40.711358 / 73.944328	CLIENT: Merritt Environmental Consulting Corp. CONTACT: SCOTT E DEVINE INQUIRY #: 4556130.2s DATE: March 04, 2016 4:50 pm

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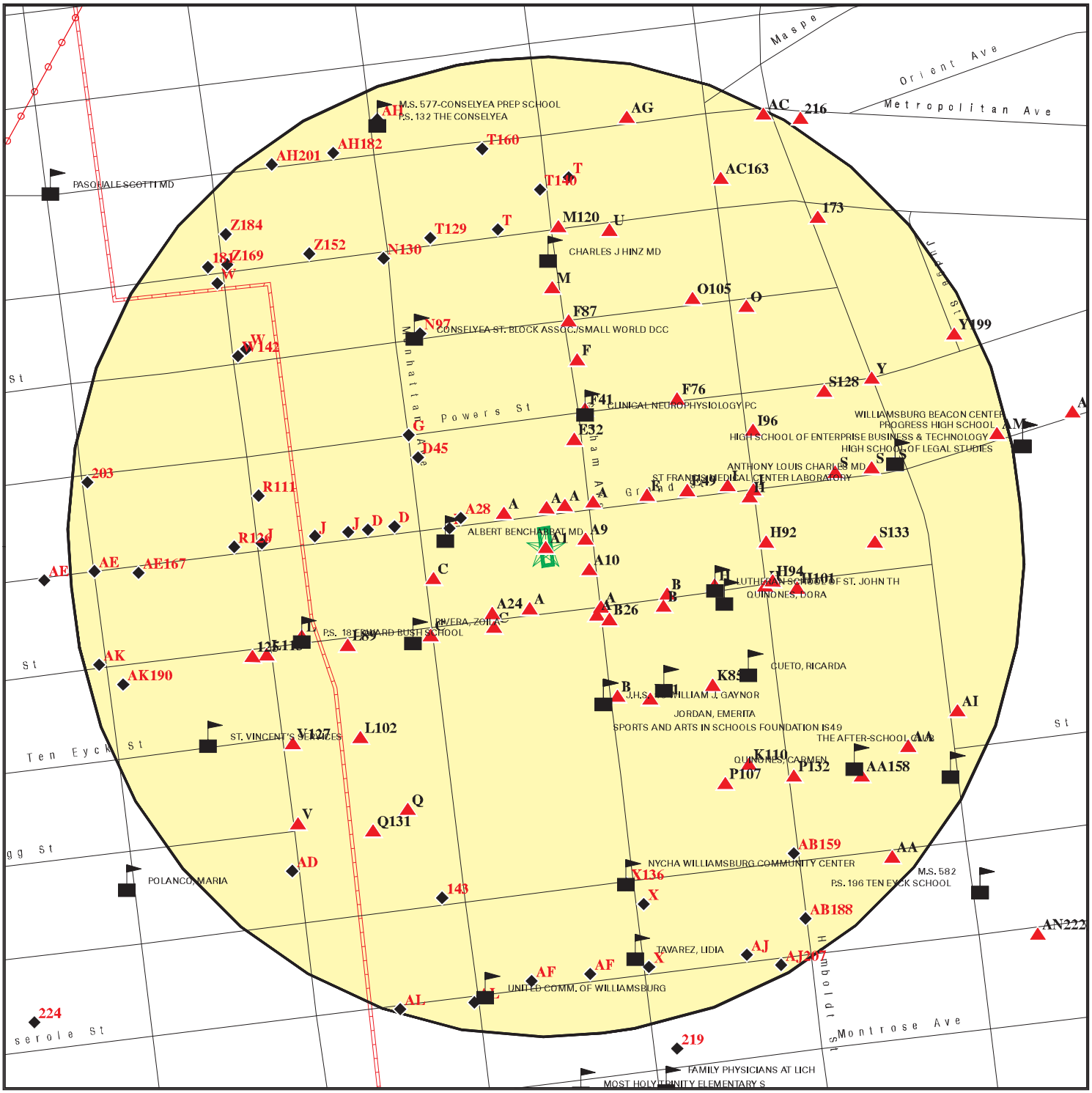
DETAIL MAP - 4556130.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Power transmission lines

Pipelines

100-year flood zone

500-year flood zone

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: M14602	CLIENT: Merritt Environmental Consulting Corp.
ADDRESS: 710 GRAND STREET Brooklyn NY 11206	CONTACT: SCOTT E DEVINE
LAT/LONG: 40.711358 / 73.944328	INQUIRY #: 4556130.2s
	DATE: March 04, 2016 4:52 pm

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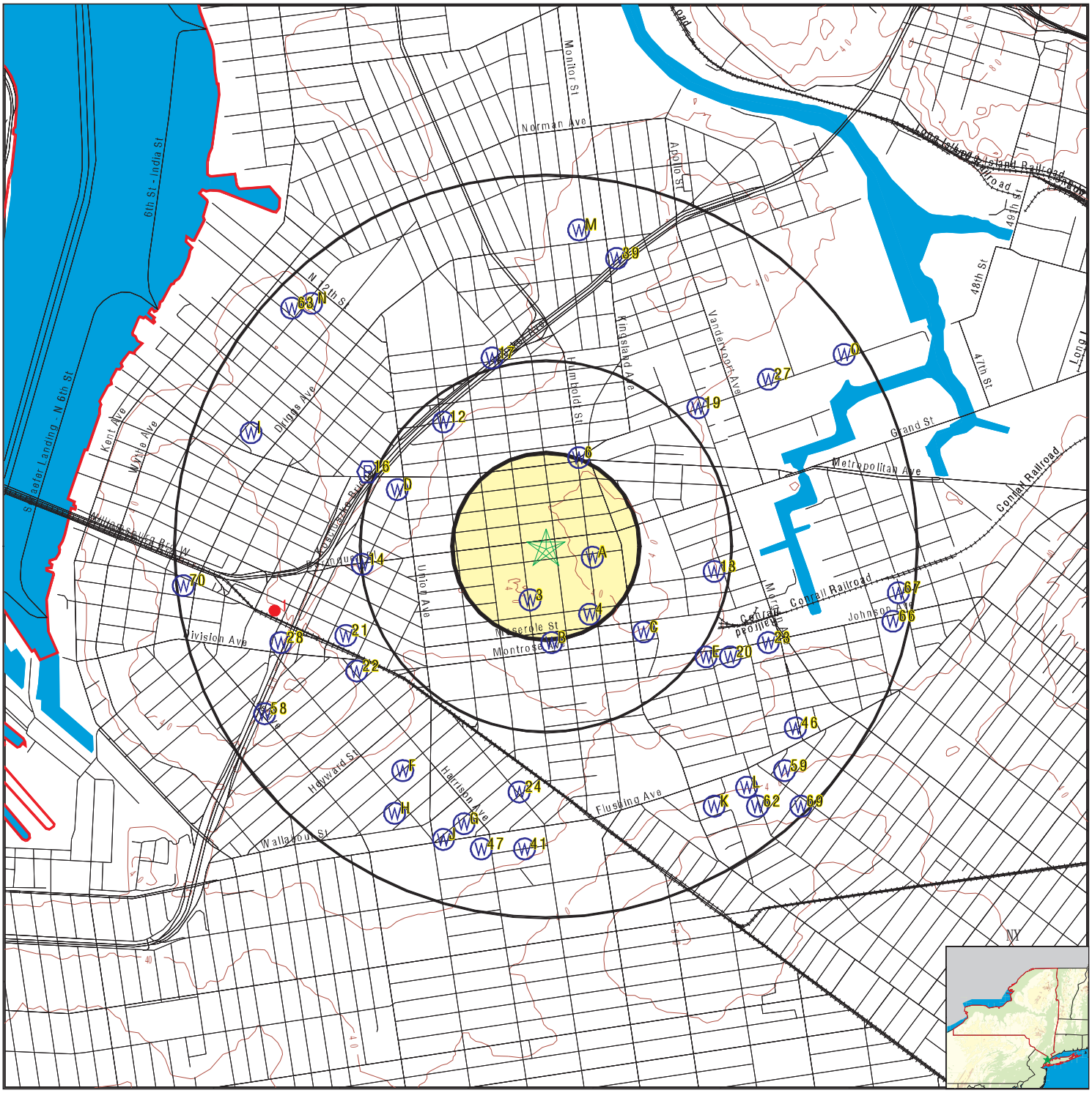
PHYSICAL SETTING SOURCE MAP - 4556130.2s



County Boundary
Major Roads
Contour Lines
Earthquake epicenter, Richter 5 or greater
Water Wells
Public Water Supply Wells
Cluster of Multiple Icons

0 1/4 1/2 1 Miles

Groundwater Flow Direction
GI Indeterminate Groundwater Flow at Location
GV Groundwater Flow Varies at Location
HD Closest Hydrogeological Data
Oil, gas or related wells

N

SITE NAME: M14602 ADDRESS: 710 GRAND STREET Brooklyn NY 11206 LAT/LONG: 40.711358 / 73.944328	CLIENT: Merritt Environmental Consulting Corp. CONTACT: SCOTT E DEVINE INQUIRY #: 4556130.2s DATE: March 04, 2016 4:53 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	1	NR	1
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
CERCLIS	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site List								
CERCLIS-NFRAP	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	1	NR	1
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		1	3	NR	NR	NR	4
RCRA-SQG	0.250		1	2	NR	NR	NR	3
RCRA-CESQG	0.250		3	1	NR	NR	NR	4
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent CERCLIS								
NY SHWS	1.000		0	0	0	12	NR	12
NY VAPOR REOPENED	1.000		0	0	0	0	NR	0
State and tribal landfill and/or solid waste disposal site lists								
NY SWF/LF	0.500		0	0	1	NR	NR	1
State and tribal leaking storage tank lists								
INDIAN LUST	0.500		0	0	0	NR	NR	0
NY LTANKS	0.500		5	5	24	NR	NR	34
NY HIST LTANKS	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
NY UST	0.250		10	9	NR	NR	NR	19
NY CBS UST	0.250		0	0	NR	NR	NR	0
NY MOSF UST	0.500		0	0	0	NR	NR	0
NY CBS	0.250		0	0	NR	NR	NR	0
NY MOSF	0.500		0	0	0	NR	NR	0
NY AST	0.250		8	21	NR	NR	NR	29
NY CBS AST	0.250		0	0	NR	NR	NR	0
NY MOSF AST	0.500		0	0	0	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
NY RES DECL	0.125		0	NR	NR	NR	NR	0
NY ENG CONTROLS	0.500		0	1	0	NR	NR	1
NY INST CONTROL	0.500		0	1	1	NR	NR	2
State and tribal voluntary cleanup sites								
NY VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
NY BROWNFIELDS	0.500		0	1	5	NR	NR	6
NY ERP	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
NY SWRCY	0.500		0	0	0	NR	NR	0
NY SWTIRE	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
NY DEL SHWS	1.000		0	0	0	0	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
NY HIST UST	0.250		3	1	NR	NR	NR	4
NY HIST AST	TP		NR	NR	NR	NR	NR	0
Local Land Records								
NY LIENS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
NY Spills	0.125		11	NR	NR	NR	NR	11
NY Hist Spills	0.125		0	NR	NR	NR	NR	0
NY SPILLS 90	0.125		0	NR	NR	NR	NR	0
NY SPILLS 80	0.125		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		17	41	NR	NR	NR	58
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
NY AIRS	TP		NR	NR	NR	NR	NR	0
NY COAL ASH	0.500		0	0	0	NR	NR	0
NY DRYCLEANERS	0.250		2	3	NR	NR	NR	5
NY E DESIGNATION	0.125	1	26	NR	NR	NR	NR	27
NY Financial Assurance	TP		NR	NR	NR	NR	NR	0
NY HSWDS	0.500		0	0	0	NR	NR	0
NY MANIFEST	0.250		21	61	NR	NR	NR	82
NJ MANIFEST	0.250		0	2	NR	NR	NR	2
NY SPDES	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NY UIC	TP		NR	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	4	NR	4
EDR Hist Auto	0.125		2	NR	NR	NR	NR	2
EDR Hist Cleaner	0.125		3	NR	NR	NR	NR	3
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
NY RGA HWS	TP		NR	NR	NR	NR	NR	0
NY RGA LF	TP		NR	NR	NR	NR	NR	0
- Totals --		1	113	152	31	18	0	315

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1
Target
Property

LOT 19,TAXBLOCK 2788
710 GRAND STREET
BROOKLYN, NY 11211

NY E DESIGNATION **S109942302**
N/A

Site 1 of 26 in cluster A

Actual:
38 ft.

E DESIGNATION:

Tax Lot(s):	19
Tax Block:	2788
Borough Code:	BK
E-No:	E-232
Effective Date:	7/29/2009
Satisfaction Date:	Not reported
Ceqr Number:	09DCP056K
Ulurp Number:	090334ZMK
Zoning Map No:	12c 13a 13b
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Lot Remediation Date:	Not reported
Description:	Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date:	Not reported

A2
NNW
< 1/8
0.007 mi.
38 ft.

LOT 32,TAXBLOCK 2782
709 GRAND STREET
BROOKLYN, NY

NY E DESIGNATION **S109942452**
N/A

Site 2 of 26 in cluster A

Relative:
Higher

Actual:
38 ft.

E DESIGNATION:

Tax Lot(s):	32
Tax Block:	2782
Borough Code:	Not reported
E-No:	E-232
Effective Date:	7/29/2009
Satisfaction Date:	Not reported
Ceqr Number:	09DCP056K
Ulurp Number:	090334ZMK
Zoning Map No:	12c 13a 13b
Description:	Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date:	Not reported

A3
NNE
< 1/8
0.007 mi.
39 ft.

LOT 20,TAXBLOCK 2788
714 GRAND STREET
BROOKLYN, NY 11211

NY E DESIGNATION **S109942323**
N/A

Site 3 of 26 in cluster A

Relative:
Higher

Actual:
39 ft.

E DESIGNATION:

Tax Lot(s):	20
Tax Block:	2788
Borough Code:	BK
E-No:	E-232
Effective Date:	7/29/2009
Satisfaction Date:	Not reported
Ceqr Number:	09DCP056K
Ulurp Number:	090334ZMK

LOT 20,TAXBLOCK 2788 (Continued) **S109942323**

Zoning Map No: 12c 13a 13b

Description: Hazardous Materials* Phase I and Phase II Testing Protocol
Lot Remediation Date: Not reported

Description: Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date: Not reported

A4 **SPILL NUMBER 9900019** **NY Spills** **S104648780**
NE **716 GRAND ST** **N/A**
< 1/8 **BROOKLYN, NY**
0.010 mi.
55 ft. **Site 4 of 26 in cluster A**

Relative:
Higher

Actual:
39 ft.

SPILLS:

Facility ID:	9900019
Facility Type:	ER
DER Facility ID:	151394
Site ID:	180502
DEC Region:	2
Spill Date:	1999-04-01
Spill Number/Closed Date:	9900019 / 1999-07-08
Spill Cause:	Human Error
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	O'DOWD
Referred To:	Not reported
Reported to Dept:	1999-04-01
CID:	270
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Notifier:	Affected Persons
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1999-04-01
Spill Record Last Update:	1999-07-08
Spiller Name:	MIKE
Spiller Company:	MIKE
Spiller Address:	ALL ABOU PLUMBING
Spiller City,St,Zip:	BROOKLYN, NY
Spiller Company:	001
Contact Name:	UNKNOWN
Contact Phone:	Not reported
DEC Memo:	""
Remarks:	"PLUMER WHILE REMOVING TANKS CUT THE FILL PIPE CAUSING DRIVER TO SPILL OIL"

Material:

Site ID:	180502
Operable Unit ID:	1074946
Operable Unit:	01
Material ID:	307162
Material Code:	0001A

SPILL NUMBER 9900019 (Continued) **S104648780**

Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	19.00
Units:	Gallons
Recovered:	19.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

A5 **711 GRAND STREET** **NY Spills** **S102150241**
North **711 GRAND STREET** **N/A**
< 1/8 **BROOKLYN, NY**
0.011 mi.
58 ft. **Site 5 of 26 in cluster A**

Relative:
Higher

Actual:
38 ft.

SPILLS:

Facility ID:	9502718
Facility Type:	ER
DER Facility ID:	145124
Site ID:	172421
DEC Region:	2
Spill Date:	1995-06-02
Spill Number/Closed Date:	9502718 / 2003-12-15
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	RWAUSTIN
Referred To:	Not reported
Reported to Dept:	1995-06-02
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Affected Persons
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1995-06-15
Spill Record Last Update:	2003-12-15
Spiller Name:	Not reported
Spiller Company:	SAME
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	999
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was AUSTIN 12/15/03 - AUSTIN - MINOR SPILL - CLOSED - ORIG. ASSIGNED TO SIGONA - END"
Remarks:	"LEAKING FUEL LINE - CLEANED UP WITH SPEEDY DRY"

711 GRAND STREET (Continued) **S102150241**

Material:

Site ID:	172421
Operable Unit ID:	1013940
Operable Unit:	01
Material ID:	367775
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	Gallons
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

A6
NW
< 1/8
0.013 mi.
67 ft.

LOT 15,TAXBLOCK 2788
700 GRAND STREET
BROOKLYN, NY 11211

NY E DESIGNATION **S109942248**
N/A

Site 6 of 26 in cluster A

Relative:
Higher

Actual:
38 ft.

E DESIGNATION:

Tax Lot(s):	15
Tax Block:	2788
Borough Code:	BK
E-No:	E-232
Effective Date:	7/29/2009
Satisfaction Date:	Not reported
Ceqr Number:	09DCP056K
Ulurp Number:	090334ZMK
Zoning Map No:	12c 13a 13b
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Lot Remediation Date:	Not reported
Description:	Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date:	Not reported

A7
NNE
< 1/8
0.015 mi.
79 ft.

LOT 30,TAXBLOCK 2782
717 GRAND STREET
BROOKLYN, NY

NY E DESIGNATION **S109942434**
N/A

Site 7 of 26 in cluster A

Relative:
Higher

Actual:
39 ft.

E DESIGNATION:

Tax Lot(s):	30
Tax Block:	2782
Borough Code:	Not reported
E-No:	E-232
Effective Date:	7/29/2009
Satisfaction Date:	Not reported
Ceqr Number:	09DCP056K

LOT 30,TAXBLOCK 2782 (Continued) **S109942434**

Ulurp Number: 090334ZMK
Zoning Map No: 12c 13a 13b

Description: Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date: Not reported

A8
NW
< 1/8
0.015 mi.
81 ft.

LOT 34,TAXBLOCK 2782
701 GRAND STREET
BROOKLYN, NY

NY E DESIGNATION **S109942474**
N/A

Site 8 of 26 in cluster A

Relative:
Higher

Actual:
38 ft.

E DESIGNATION:
Tax Lot(s): 34
Tax Block: 2782
Borough Code: Not reported
E-No: E-232
Effective Date: 7/29/2009
Satisfaction Date: Not reported
Ceqr Number: 09DCP056K
Ulurp Number: 090334ZMK
Zoning Map No: 12c 13a 13b

Description: Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date: Not reported

A9
ENE
< 1/8
0.019 mi.
100 ft.

CON EDISON
265 GRAHAM AVE
BROOKLYN, NY 11206

NY MANIFEST **S117066435**
N/A

Site 9 of 26 in cluster A

Relative:
Higher

Actual:
39 ft.

NY MANIFEST:
EPA ID: NYP004590857
Country: USA
Location Address 1: 265 GRAHAM AVE
Location Address 2: SB73896
Location City: BROOKLYN
Location State: NY
Location Zip Code: 11206
Location Zip Code 4: Not reported

Mailing Info:
Name: CON EDISON
Contact: CON EDISON
Address: 4 IRVING PL
Address 2: 15TH FL
City/State/Zip: NEW YORK, NY 10003
Country: USA
Phone: Not reported

Manifest:

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD003812047

CON EDISON (Continued) **S117066435**

Trans2 State ID:	Not reported
Generator Ship Date:	07/09/2014
Trans1 Recv Date:	07/09/2014
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	07/11/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004590857
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	50
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Year:	2014
Manifest Tracking Num:	002504015GBF
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H110

A10 **EDR Hist Auto** **1015366536**
ESE **253 GRAHAM AVE** **N/A**
< 1/8 **BROOKLYN, NY 11206**
0.019 mi.
102 ft. **Site 10 of 26 in cluster A**

Relative:
Higher

Actual:
38 ft.

EDR Historical Auto Stations:

Name:	NEWTOPACIO CAR SERVICE INC
Year:	2002
Address:	253 GRAHAM AVE
Name:	NEWTOPACIO CAR SERVICE INC
Year:	2003
Address:	253 GRAHAM AVE
Name:	TOWNCAR TRANSPORTATION
Year:	2011
Address:	253 GRAHAM AVE
Name:	TOWNCAR TRANSPORTATION
Year:	2012
Address:	253 GRAHAM AVE

Count: 14 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BROOKLYN	S105003695	USPS GOWANUS SITE, FORMER MGP METR	2ND AVENUE AND 12TH STREET		NY VCP
BROOKLYN	S113916585	DAVIDSON PIPE SUPPLY COMPANY	3RD AVE & 37TH STREET		NY SHWS
BROOKLYN	S113916751	INGRAHAM STREET SIDEWALK PLUME TRA	INGRAHAM STREET	11237	NY SHWS
BROOKLYN	S113917078	NORTH OF CORNISH KNIT GOODS	JOHNSON AVE	11206	NY SHWS
BROOKLYN	S113922099	KEAP ST. STATION	KEAP ST, WYTHE AVE, HOOPER ST,	11206	NY VCP
BROOKLYN	S113916586	KENT TERMINAL	KENT AVE. BETWEEN 5TH-11TH ST.	11211	NY SHWS, NY VCP
BROOKLYN	S105972439	JONES MOTORS	LOMBARDY STREET (FOOT OF NEWTO		NY SHWS
BROOKLYN	S113922158	EQUITY WORKS	MASPETH AND VANDERVORT AVES.	11211	NY VCP
BROOKLYN	S113916693	MEEKER AVENUE PLUME TRACKDOWN	MEEKER AVENUE	11222	NY SHWS
BROOKLYN	S113916666	MORGAN OIL TERMINAL	224038 MORGAN OIL TERMINAL		NY SHWS
BROOKLYN	S113922100	SCHOLES ST. STATION	SCHOLES ST 7 BOGART STS, MESSE	11206	NY VCP
BROOKLYN	S110487592	K - SCHOLES ST. STATION	SCHOLES ST 7 BOGART STS, MESSE	11206	NY SHWS, NY BROWNFIELDS
BROOKLYN	S113922101	SKILLMAN STATION	SKILLMAN ST. FLUSHING & BEDFOR	11205	NY VCP
BROOKLYN	S117535331	BASEMENT	925 UNION ST		NY LTANKS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 10/30/2015
Date Data Arrived at EDR: 11/07/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 58

Source: EPA
Telephone: N/A
Last EDR Contact: 01/26/2016
Next Scheduled EDR Contact: 04/18/2016
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 10/30/2015
Date Data Arrived at EDR: 11/07/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 58

Source: EPA
Telephone: N/A
Last EDR Contact: 01/26/2016
Next Scheduled EDR Contact: 04/18/2016
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 10/30/2015	Source: EPA
Date Data Arrived at EDR: 11/07/2015	Telephone: N/A
Date Made Active in Reports: 01/04/2016	Last EDR Contact: 01/26/2016
Number of Days to Update: 58	Next Scheduled EDR Contact: 04/18/2016
	Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 03/26/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/08/2015	Telephone: 703-603-8704
Date Made Active in Reports: 06/11/2015	Last EDR Contact: 01/06/2016
Number of Days to Update: 64	Next Scheduled EDR Contact: 04/18/2016
	Data Release Frequency: Varies

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: 703-412-9810
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 02/19/2016
Number of Days to Update: 94	Next Scheduled EDR Contact: 06/06/2016
	Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: 703-412-9810
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 02/19/2016
Number of Days to Update: 94	Next Scheduled EDR Contact: 06/06/2016
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/09/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 82

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/18/2015
Next Scheduled EDR Contact: 04/11/2016
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/09/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 12/18/2015
Next Scheduled EDR Contact: 04/11/2016
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/09/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 12/18/2015
Next Scheduled EDR Contact: 04/11/2016
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 06/09/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 12/18/2015
Next Scheduled EDR Contact: 04/11/2016
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/09/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 12/18/2015
Next Scheduled EDR Contact: 04/11/2016
Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/28/2015
Date Data Arrived at EDR: 05/29/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 13

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 02/16/2016
Next Scheduled EDR Contact: 05/30/2016
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 09/10/2015
Date Data Arrived at EDR: 09/11/2015
Date Made Active in Reports: 11/03/2015
Number of Days to Update: 53

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/29/2016
Next Scheduled EDR Contact: 06/13/2016
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 09/10/2015
Date Data Arrived at EDR: 09/11/2015
Date Made Active in Reports: 11/03/2015
Number of Days to Update: 53

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/29/2016
Next Scheduled EDR Contact: 06/13/2016
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 06/22/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 82

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 12/29/2015
Next Scheduled EDR Contact: 04/11/2016
Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

SHWS: Inactive Hazardous Waste Disposal Sites in New York State

Referred to as the State Superfund Program, the Inactive Hazardous Waste Disposal Site Remedial Program is the cleanup program for inactive hazardous waste sites and now includes hazardous substance sites

Date of Government Version: 01/12/2016
Date Data Arrived at EDR: 01/12/2016
Date Made Active in Reports: 01/13/2016
Number of Days to Update: 1

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 02/18/2016
Next Scheduled EDR Contact: 05/30/2016
Data Release Frequency: Annually

VAPOR REOPENED: Vapor Intrustion Legacy Site List

New York is currently re-evaluating previous assumptions and decisions regarding the potential for soil vapor intrusion exposures at sites. As a result, all past, current, and future contaminated sites will be evaluated to determine whether these sites have the potential for exposures related to soil vapor intrusion.

Date of Government Version: 08/01/2015
Date Data Arrived at EDR: 11/19/2015
Date Made Active in Reports: 12/10/2015
Number of Days to Update: 21

Source: Department of Environmenal Conservation
Telephone: 518-402-9814
Last EDR Contact: 02/19/2016
Next Scheduled EDR Contact: 05/30/2016
Data Release Frequency: Varies

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Facility Register

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 01/05/2016
Date Data Arrived at EDR: 01/06/2016
Date Made Active in Reports: 02/11/2016
Number of Days to Update: 36

Source: Department of Environmental Conservation
Telephone: 518-457-2051
Last EDR Contact: 01/04/2016
Next Scheduled EDR Contact: 04/18/2016
Data Release Frequency: Semi-Annually

State and tribal leaking storage tank lists

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 11/04/2015
Date Data Arrived at EDR: 11/13/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 52

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/27/2015
Date Data Arrived at EDR: 10/29/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 67

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 02/22/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 08/20/2015
Date Data Arrived at EDR: 10/30/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 111

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 03/30/2015
Date Data Arrived at EDR: 04/28/2015
Date Made Active in Reports: 06/22/2015
Number of Days to Update: 55

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/13/2015
Date Data Arrived at EDR: 10/23/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 118

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 01/08/2015
Date Data Arrived at EDR: 01/08/2015
Date Made Active in Reports: 02/09/2015
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 01/27/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Quarterly

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 11/24/2015
Date Data Arrived at EDR: 12/01/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 34

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Semi-Annually

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 01/07/2016
Date Data Arrived at EDR: 01/08/2016
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 41

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Quarterly

LTANKS: Spills Information Database
Leaking Storage Tank Incident Reports. These records contain an inventory of reported leaking storage tank incidents reported from 4/1/86 through the most recent update. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills.

Date of Government Version: 11/16/2015
Date Data Arrived at EDR: 11/19/2015
Date Made Active in Reports: 12/09/2015
Number of Days to Update: 20

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 02/18/2016
Next Scheduled EDR Contact: 05/30/2016
Data Release Frequency: Varies

HIST LTANKS: Listing of Leaking Storage Tanks
A listing of leaking underground and aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills. In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY LTANKS database. Department of Environmental Conservation.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 07/08/2005
Date Made Active in Reports: 07/14/2005
Number of Days to Update: 6

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/07/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 01/08/2016
Next Scheduled EDR Contact: 04/25/2016
Data Release Frequency: Varies

UST: Petroleum Bulk Storage (PBS) Database
Facilities that have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons.

Date of Government Version: 12/29/2015
Date Data Arrived at EDR: 12/30/2015
Date Made Active in Reports: 02/11/2016
Number of Days to Update: 43

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 12/30/2015
Next Scheduled EDR Contact: 04/11/2016
Data Release Frequency: No Update Planned

CBS UST: Chemical Bulk Storage Database
Facilities that store regulated hazardous substances in underground tanks of any size

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 10/24/2005
Next Scheduled EDR Contact: 01/23/2006
Data Release Frequency: No Update Planned

MOSF UST: Major Oil Storage Facilities Database
Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

MOSF: Major Oil Storage Facility Site Listing
These facilities may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 12/29/2015
Date Data Arrived at EDR: 12/30/2015
Date Made Active in Reports: 02/11/2016
Number of Days to Update: 43

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 12/30/2015
Next Scheduled EDR Contact: 04/11/2016
Data Release Frequency: Quarterly

CBS: Chemical Bulk Storage Site Listing
These facilities store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size

Date of Government Version: 12/29/2015
Date Data Arrived at EDR: 12/30/2015
Date Made Active in Reports: 02/11/2016
Number of Days to Update: 43

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 12/30/2015
Next Scheduled EDR Contact: 04/11/2016
Data Release Frequency: Quarterly

AST: Petroleum Bulk Storage
Registered Aboveground Storage Tanks.

Date of Government Version: 12/29/2015
Date Data Arrived at EDR: 12/30/2015
Date Made Active in Reports: 02/11/2016
Number of Days to Update: 43

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 12/30/2015
Next Scheduled EDR Contact: 04/11/2016
Data Release Frequency: No Update Planned

CBS AST: Chemical Bulk Storage Database

Facilities that store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

MOSF AST: Major Oil Storage Facilities Database

Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 10/13/2015
Date Data Arrived at EDR: 10/23/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 118

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 09/23/2014
Date Data Arrived at EDR: 11/25/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 65

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/20/2015
Date Data Arrived at EDR: 10/29/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 67

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 02/22/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 11/05/2015
Date Data Arrived at EDR: 11/13/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 52

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 08/20/2015
Date Data Arrived at EDR: 10/30/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 111

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Semi-Annually

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 11/24/2015
Date Data Arrived at EDR: 12/01/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 34

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Semi-Annually

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 01/07/2016
Date Data Arrived at EDR: 01/08/2016
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 41

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 12/14/2014
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 28

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 01/27/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Quarterly

State and tribal institutional control / engineering control registries

ENV RES DECL: Environmental Restrictive Declarations

The Environmental Restrictive Declarations (ERD) listed were recorded in connection with a zoning action against the noted Tax Blocks and Tax Lots, or portion thereof, and are available in the property records on file at the Office of the City Register for Bronx, Kings, New York and Queens counties or at the Richmond County Clerk's office. They contain environmental requirements with respect to hazardous materials, air quality and/or noise in accordance with Section 11-15 of this Resolution.

Date of Government Version: 11/18/2015
Date Data Arrived at EDR: 12/28/2015
Date Made Active in Reports: 02/11/2016
Number of Days to Update: 45

Source: New York City Department of City Planning
Telephone: 212-720-3300
Last EDR Contact: 12/21/2015
Next Scheduled EDR Contact: 04/04/2016
Data Release Frequency: Varies

RES DECL: Restrictive Declarations Listing
A restrictive declaration is a covenant running with the land which binds the present and future owners of the property. As a condition of certain special permits, the City Planning Commission may require an applicant to sign and record a restrictive declaration that places specified conditions on the future use and development of the property. Certain restrictive declarations are indicated by a D on zoning maps.

Date of Government Version: 11/18/2010
Date Data Arrived at EDR: 06/30/2014
Date Made Active in Reports: 07/21/2014
Number of Days to Update: 21

Source: NYC Department of City Planning
Telephone: 212-720-3401
Last EDR Contact: 12/23/2015
Next Scheduled EDR Contact: 04/04/2016
Data Release Frequency: Varies

ENG CONTROLS: Registry of Engineering Controls
Environmental Remediation sites that have engineering controls in place.

Date of Government Version: 01/12/2016
Date Data Arrived at EDR: 01/12/2016
Date Made Active in Reports: 01/13/2016
Number of Days to Update: 1

Source: Department of Environmental Conservation
Telephone: 518-402-9553
Last EDR Contact: 02/18/2016
Next Scheduled EDR Contact: 05/30/2016
Data Release Frequency: Quarterly

INST CONTROL: Registry of Institutional Controls
Environmental Remediation sites that have institutional controls in place.

Date of Government Version: 01/12/2016
Date Data Arrived at EDR: 01/12/2016
Date Made Active in Reports: 01/13/2016
Number of Days to Update: 1

Source: Department of Environmental Conservation
Telephone: 518-402-9553
Last EDR Contact: 02/18/2016
Next Scheduled EDR Contact: 05/30/2016
Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

VCP: Voluntary Cleanup Agreements
New York established its Voluntary Cleanup Program (VCP) to address the environmental, legal and financial barriers that often hinder the redevelopment and reuse of contaminated properties. The Voluntary Cleanup Program was developed to enhance private sector cleanup of brownfields by enabling parties to remediate sites using private rather than public funds and to reduce the development pressures on "greenfield" sites.

Date of Government Version: 01/12/2016
Date Data Arrived at EDR: 01/12/2016
Date Made Active in Reports: 01/13/2016
Number of Days to Update: 1

Source: Department of Environmental Conservation
Telephone: 518-402-9711
Last EDR Contact: 02/18/2016
Next Scheduled EDR Contact: 05/30/2016
Data Release Frequency: Semi-Annually

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 12/28/2015
Next Scheduled EDR Contact: 04/11/2016
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Site List
A Brownfield is any real property where redevelopment or re-use may be complicated by the presence or potential presence of a hazardous waste, petroleum, pollutant, or contaminant.

Date of Government Version: 01/12/2016
Date Data Arrived at EDR: 01/12/2016
Date Made Active in Reports: 01/13/2016
Number of Days to Update: 1

Source: Department of Environmental Conservation
Telephone: 518-402-9764
Last EDR Contact: 02/18/2016
Next Scheduled EDR Contact: 05/30/2016
Data Release Frequency: Semi-Annually

ERP: Environmental Restoration Program Listing
In an effort to spur the cleanup and redevelopment of brownfields, New Yorkers approved a $200 million Environmental Restoration or Brownfields Fund as part of the $1.75 billion Clean Water/Clean Air Bond Act of 1996 (1996 Bond Act). Enhancements to the program were enacted on October 7, 2003. Under the Environmental Restoration Program, the State provides grants to municipalities to reimburse up to 90 percent of on-site eligible costs and 100% of off-site eligible costs for site investigation and remediation activities. Once remediated, the property may then be reused for commercial, industrial, residential or public use.

Date of Government Version: 01/12/2016
Date Data Arrived at EDR: 01/12/2016
Date Made Active in Reports: 01/13/2016
Number of Days to Update: 1

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 02/18/2016
Next Scheduled EDR Contact: 05/30/2016
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 12/22/2015
Date Data Arrived at EDR: 12/23/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/21/2015
Next Scheduled EDR Contact: 04/04/2016
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

SWTIRE: Registered Waste Tire Storage & Facility List
A listing of facilities registered to accept waste tires.

Date of Government Version: 08/01/2006
Date Data Arrived at EDR: 11/15/2006
Date Made Active in Reports: 11/30/2006
Number of Days to Update: 15

Source: Department of Environmental Conservation
Telephone: 518-402-8694
Last EDR Contact: 01/15/2016
Next Scheduled EDR Contact: 05/02/2016
Data Release Frequency: Annually

SWRCY: Registered Recycling Facility List
A listing of recycling facilities.

Date of Government Version: 01/05/2016
Date Data Arrived at EDR: 01/06/2016
Date Made Active in Reports: 02/11/2016
Number of Days to Update: 36

Source: Department of Environmental Conservation
Telephone: 518-402-8705
Last EDR Contact: 01/04/2016
Next Scheduled EDR Contact: 04/18/2016
Data Release Frequency: Semi-Annually

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 02/01/2016
Next Scheduled EDR Contact: 05/16/2016
Data Release Frequency: Varies

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: No Update Planned

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register
A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/17/2015
Date Data Arrived at EDR: 12/04/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 76

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/01/2016
Next Scheduled EDR Contact: 06/13/2016
Data Release Frequency: No Update Planned

DEL SHWS: Delisted Registry Sites
A database listing of sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites.

Date of Government Version: 01/12/2016
Date Data Arrived at EDR: 01/12/2016
Date Made Active in Reports: 01/13/2016
Number of Days to Update: 1

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 02/18/2016
Next Scheduled EDR Contact: 05/30/2016
Data Release Frequency: Annually

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/17/2015
Date Data Arrived at EDR: 12/04/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 76

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/01/2016
Next Scheduled EDR Contact: 06/13/2016
Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

HIST UST: Historical Petroleum Bulk Storage Database

These facilities have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. It is no longer updated due to the sensitive nature of the information involved. See UST for more current data.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 06/02/2006
Date Made Active in Reports: 07/20/2006
Number of Days to Update: 48

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: Varies

HIST AST: Historical Petroleum Bulk Storage Database

These facilities have petroleum storage capabilities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. No longer updated due to the sensitive nature of the information involved. See AST for more current data.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 06/02/2006
Date Made Active in Reports: 07/20/2006
Number of Days to Update: 48

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: No Update Planned

Local Land Records

LIENS: Spill Liens Information

Lien information from the Oil Spill Fund.

Date of Government Version: 11/09/2015
Date Data Arrived at EDR: 11/10/2015
Date Made Active in Reports: 12/08/2015
Number of Days to Update: 28

Source: Office of the State Comptroller
Telephone: 518-474-9034
Last EDR Contact: 02/08/2016
Next Scheduled EDR Contact: 05/23/2016
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/18/2014
Date Data Arrived at EDR: 03/18/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 37

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Varies

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 06/24/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/02/2015
Number of Days to Update: 68

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 12/30/2015
Next Scheduled EDR Contact: 04/11/2016
Data Release Frequency: Annually

SPILLS: Spills Information Database
Data collected on spills reported to NYSDEC as required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

Date of Government Version: 11/16/2015
Date Data Arrived at EDR: 11/19/2015
Date Made Active in Reports: 12/09/2015
Number of Days to Update: 20

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 02/18/2016
Next Scheduled EDR Contact: 05/30/2016
Data Release Frequency: Varies

HIST SPILLS: SPILLS Database
This database contains records of chemical and petroleum spill incidents. Under State law, petroleum and hazardous chemical spills that can impact the waters of the state must be reported by the spiller (and, in some cases, by anyone who has knowledge of the spills). In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY SPILLS database. Department of Environmental Conservation.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 07/08/2005
Date Made Active in Reports: 07/14/2005
Number of Days to Update: 6

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/07/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SPILLS 90: SPILLS90 data from FirstSearch
Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 12/14/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/12/2013
Number of Days to Update: 40

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SPILLS 80: SPILLS80 data from FirstSearch
Spills 80 includes those spill and release records available from FirstSearch databases prior to 1990. Typically, they may include chemical, oil and/or hazardous substance spills recorded before 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 80.

Date of Government Version: 11/02/2010
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/07/2013
Number of Days to Update: 63

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated
RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 06/09/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 12/18/2015
Next Scheduled EDR Contact: 04/11/2016
Data Release Frequency: Varies

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 01/31/2015
Date Data Arrived at EDR: 07/08/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 97

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 12/11/2015
Next Scheduled EDR Contact: 03/21/2016
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 01/15/2016
Next Scheduled EDR Contact: 04/25/2016
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 01/15/2016
Next Scheduled EDR Contact: 04/25/2016
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 02/19/2016
Next Scheduled EDR Contact: 05/30/2016
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 09/01/2015
Date Data Arrived at EDR: 09/03/2015
Date Made Active in Reports: 11/03/2015
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 02/16/2016
Next Scheduled EDR Contact: 05/30/2016
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 02/09/2016
Next Scheduled EDR Contact: 05/23/2016
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 04/22/2013
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 02/12/2016
Next Scheduled EDR Contact: 05/23/2016
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 01/15/2015
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 14

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/23/2015
Next Scheduled EDR Contact: 04/04/2016
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 02/12/2015
Date Made Active in Reports: 06/02/2015
Number of Days to Update: 110

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 02/24/2016
Next Scheduled EDR Contact: 06/06/2016
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 11/25/2013
Date Data Arrived at EDR: 12/12/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 74

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 12/11/2015
Next Scheduled EDR Contact: 03/21/2016
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 08/01/2015
Date Data Arrived at EDR: 08/26/2015
Date Made Active in Reports: 11/03/2015
Number of Days to Update: 69

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 10/17/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 3

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 02/12/2016
Next Scheduled EDR Contact: 05/23/2016
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 10/15/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 33

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 01/12/2016
Next Scheduled EDR Contact: 04/25/2016
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System
The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 01/23/2015
Date Data Arrived at EDR: 02/06/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 01/08/2016
Next Scheduled EDR Contact: 04/25/2016
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 02/22/2016
Next Scheduled EDR Contact: 06/06/2016
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 02/22/2016
Next Scheduled EDR Contact: 06/06/2016
Data Release Frequency: Quarterly

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 06/26/2015
Date Data Arrived at EDR: 07/10/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 95

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 02/08/2016
Next Scheduled EDR Contact: 05/23/2016
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 01/13/2016
Next Scheduled EDR Contact: 04/25/2016
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 12/11/2015
Next Scheduled EDR Contact: 03/21/2016
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 01/29/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/07/2015
Date Data Arrived at EDR: 07/09/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 69

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 01/07/2016
Next Scheduled EDR Contact: 04/18/2016
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data
Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 02/03/2016
Next Scheduled EDR Contact: 05/16/2016
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees
Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 04/17/2015
Date Made Active in Reports: 06/02/2015
Number of Days to Update: 46

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 12/23/2015
Next Scheduled EDR Contact: 04/11/2016
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 02/24/2015
Date Made Active in Reports: 09/30/2015
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 02/26/2016
Next Scheduled EDR Contact: 06/06/2016
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 01/15/2016
Next Scheduled EDR Contact: 04/25/2016
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 11/23/2015
Date Data Arrived at EDR: 11/24/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 86

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 02/08/2016
Next Scheduled EDR Contact: 05/23/2016
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 02/22/2016
Next Scheduled EDR Contact: 06/06/2016
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 11/25/2014
Date Data Arrived at EDR: 11/26/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 64

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 01/26/2016
Next Scheduled EDR Contact: 04/18/2016
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/20/2015
Date Data Arrived at EDR: 10/27/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 69

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 12/22/2015
Next Scheduled EDR Contact: 04/11/2016
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/20/2015
Date Data Arrived at EDR: 10/27/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 69

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 12/22/2015
Next Scheduled EDR Contact: 04/11/2016
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/18/2015
Date Data Arrived at EDR: 09/01/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 125

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 03/02/2016
Next Scheduled EDR Contact: 06/13/2016
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 12/04/2015
Next Scheduled EDR Contact: 03/14/2016
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 12/04/2015
Next Scheduled EDR Contact: 03/14/2016
Data Release Frequency: Varies

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 07/20/2015
Date Data Arrived at EDR: 09/09/2015
Date Made Active in Reports: 11/03/2015
Number of Days to Update: 55

Source: EPA
Telephone: (212) 637-3000
Last EDR Contact: 12/10/2015
Next Scheduled EDR Contact: 03/21/2016
Data Release Frequency: Quarterly

AIRS: Air Emissions Data

Point source emissions inventory data.

Date of Government Version: 11/12/2015
Date Data Arrived at EDR: 11/13/2015
Date Made Active in Reports: 12/08/2015
Number of Days to Update: 25

Source: Department of Environmental Conservation
Telephone: 518-402-8452
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Annually

COAL ASH: Coal Ash Disposal Site Listing

A listing of coal ash disposal site locations.

Date of Government Version: 01/05/2016
Date Data Arrived at EDR: 01/06/2016
Date Made Active in Reports: 02/11/2016
Number of Days to Update: 36

Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 01/04/2016
Next Scheduled EDR Contact: 04/18/2016
Data Release Frequency: Varies

DRYCLEANERS: Registered Drycleaners

A listing of all registered drycleaning facilities.

Date of Government Version: 10/16/2015
Date Data Arrived at EDR: 01/12/2016
Date Made Active in Reports: 02/11/2016
Number of Days to Update: 30

Source: Department of Environmental Conservation
Telephone: 518-402-8403
Last EDR Contact: 01/04/2016
Next Scheduled EDR Contact: 03/28/2016
Data Release Frequency: Varies

E DESIGNATION: E DESIGNATION SITE LISTING

The (E (Environmental)) designation would ensure that sampling and remediation take place on the subject properties, and would avoid any significant impacts related to hazardous materials at these locations. The (E) designations would require that the fee owner of the sites conduct a testing and sampling protocol, and remediation where appropriate, to the satisfaction of the NYCDEP before the issuance of a building permit by the Department of Buildings pursuant to the provisions of Section 11-15 of the Zoning Resolution (Environmental Requirements). The (E) designations also include a mandatory construction-related health and safety plan which must be approved by NYCDEP.

Date of Government Version: 11/18/2015
Date Data Arrived at EDR: 12/28/2015
Date Made Active in Reports: 02/11/2016
Number of Days to Update: 45

Source: New York City Department of City Planning
Telephone: 718-595-6658
Last EDR Contact: 12/21/2015
Next Scheduled EDR Contact: 04/04/2016
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial assurance information.

Date of Government Version: 01/11/2016
Date Data Arrived at EDR: 01/12/2016
Date Made Active in Reports: 02/11/2016
Number of Days to Update: 30

Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 01/04/2016
Next Scheduled EDR Contact: 04/18/2016
Data Release Frequency: Quarterly

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for hazardous waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 12/01/2015
Date Data Arrived at EDR: 12/29/2015
Date Made Active in Reports: 02/11/2016
Number of Days to Update: 44

Source: Department of Environmental Conservation
Telephone: 518-402-8712
Last EDR Contact: 02/16/2016
Next Scheduled EDR Contact: 05/30/2016
Data Release Frequency: Varies

HSWDS: Hazardous Substance Waste Disposal Site Inventory

The list includes any known or suspected hazardous substance waste disposal sites. Also included are sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites and non-Registry sites that U.S. EPA Preliminary Assessment (PA) reports or Site Investigation (SI) reports were prepared. Hazardous Substance Waste Disposal Sites are eligible to be Superfund sites now that the New York State Superfund has been refinanced and changed. This means that the study inventory has served its purpose and will no longer be maintained as a separate entity. The last version of the study inventory is frozen in time. The sites on the study will not automatically be made Superfund sites, rather each site will be further evaluated for listing on the Registry. So overtime they will be added to the registry or not.

Date of Government Version: 01/01/2003
Date Data Arrived at EDR: 10/20/2006
Date Made Active in Reports: 11/30/2006
Number of Days to Update: 41

Source: Department of Environmental Conservation
Telephone: 518-402-9564
Last EDR Contact: 05/26/2009
Next Scheduled EDR Contact: 08/24/2009
Data Release Frequency: No Update Planned

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 11/02/2015
Date Data Arrived at EDR: 11/08/2015
Date Made Active in Reports: 12/09/2015
Number of Days to Update: 31

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 02/03/2016
Next Scheduled EDR Contact: 05/16/2016
Data Release Frequency: Annually

SPDES: State Pollutant Discharge Elimination System

New York State has a state program which has been approved by the United States Environmental Protection Agency for the control of wastewater and stormwater discharges in accordance with the Clean Water Act. Under New York State law the program is known as the State Pollutant Discharge Elimination System (SPDES) and is broader in scope than that required by the Clean Water Act in that it controls point source discharges to groundwaters as well as surface waters.

Date of Government Version: 11/10/2015
Date Data Arrived at EDR: 11/13/2015
Date Made Active in Reports: 12/08/2015
Number of Days to Update: 25

Source: Department of Environmental Conservation
Telephone: 518-402-8233
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: No Update Planned

UIC: Underground Injection Control Wells

A listing of enhanced oil recovery underground injection wells.

Date of Government Version: 12/07/2015
Date Data Arrived at EDR: 12/09/2015
Date Made Active in Reports: 02/11/2016
Number of Days to Update: 64

Source: Department of Environmental Conservation
Telephone: 518-402-8056
Last EDR Contact: 12/09/2015
Next Scheduled EDR Contact: 03/21/2016
Data Release Frequency: Quarterly

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 11/23/2015
Date Data Arrived at EDR: 11/24/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 86

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 02/24/2016
Next Scheduled EDR Contact: 06/06/2016
Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 09/20/2015
Date Data Arrived at EDR: 09/23/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 103

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 12/21/2015
Next Scheduled EDR Contact: 04/04/2016
Data Release Frequency: Quarterly

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List
The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Conservation in New York.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: Department of Environmental Conservation
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List
The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Conservation in New York.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/10/2014
Number of Days to Update: 193

Source: Department of Environmental Conservation
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

CORTLAND COUNTY:

Cortland County Storage Tank Listing
A listing of aboveground storage tank sites located in Cortland County.

Date of Government Version: 12/14/2015
Date Data Arrived at EDR: 12/18/2015
Date Made Active in Reports: 02/11/2016
Number of Days to Update: 55

Source: Cortland County Health Department
Telephone: 607-753-5035
Last EDR Contact: 02/01/2016
Next Scheduled EDR Contact: 05/16/2016
Data Release Frequency: Quarterly

Cortland County Storage Tank Listing
A listing of underground storage tank sites located in Cortland County.

Date of Government Version: 12/14/2015
Date Data Arrived at EDR: 12/18/2015
Date Made Active in Reports: 02/11/2016
Number of Days to Update: 55

Source: Cortland County Health Department
Telephone: 607-753-5035
Last EDR Contact: 02/01/2016
Next Scheduled EDR Contact: 05/16/2016
Data Release Frequency: Quarterly

NASSAU COUNTY:

Registered Tank Database
A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 04/16/2015
Date Data Arrived at EDR: 07/07/2015
Date Made Active in Reports: 08/12/2015
Number of Days to Update: 36

Source: Nassau County Health Department
Telephone: 516-571-3314
Last EDR Contact: 01/04/2016
Next Scheduled EDR Contact: 04/18/2016
Data Release Frequency: No Update Planned

Storage Tank Database
A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011
Date Data Arrived at EDR: 02/23/2011
Date Made Active in Reports: 03/29/2011
Number of Days to Update: 34

Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000
Last EDR Contact: 02/01/2016
Next Scheduled EDR Contact: 05/16/2016
Data Release Frequency: Varies

Registered Tank Database
A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 04/16/2015
Date Data Arrived at EDR: 07/07/2015
Date Made Active in Reports: 08/12/2015
Number of Days to Update: 36

Source: Nassau County Health Department
Telephone: 516-571-3314
Last EDR Contact: 01/04/2016
Next Scheduled EDR Contact: 04/18/2016
Data Release Frequency: No Update Planned

Storage Tank Database
A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011
Date Data Arrived at EDR: 02/23/2011
Date Made Active in Reports: 03/29/2011
Number of Days to Update: 34

Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000
Last EDR Contact: 02/01/2016
Next Scheduled EDR Contact: 05/16/2016
Data Release Frequency: Varies

ROCKLAND COUNTY:

Petroleum Bulk Storage Database
A listing of aboveground storage tank sites located in Rockland County.

Date of Government Version: 12/16/2015
Date Data Arrived at EDR: 12/21/2015
Date Made Active in Reports: 02/11/2016
Number of Days to Update: 52

Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 12/07/2015
Next Scheduled EDR Contact: 03/21/2016
Data Release Frequency: Quarterly

Petroleum Bulk Storage Database
A listing of underground storage tank sites located in Rockland County.

Date of Government Version: 12/16/2015
Date Data Arrived at EDR: 12/21/2015
Date Made Active in Reports: 02/11/2016
Number of Days to Update: 52

Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 12/07/2015
Next Scheduled EDR Contact: 03/21/2016
Data Release Frequency: Quarterly

SUFFOLK COUNTY:

Storage Tank Database
A listing of aboveground storage tank sites located in Suffolk County.

Date of Government Version: 03/03/2015
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/23/2015
Number of Days to Update: 13

Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 02/01/2016
Next Scheduled EDR Contact: 05/16/2016
Data Release Frequency: No Update Planned

Storage Tank Database
A listing of underground storage tank sites located in Suffolk County.

Date of Government Version: 03/03/2015
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/23/2015
Number of Days to Update: 13

Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 02/01/2016
Next Scheduled EDR Contact: 05/16/2016
Data Release Frequency: No Update Planned

WESTCHESTER COUNTY:

Listing of Storage Tanks
A listing of aboveground storage tank sites located in Westchester County.

Date of Government Version: 10/13/2015
Date Data Arrived at EDR: 10/15/2015
Date Made Active in Reports: 11/17/2015
Number of Days to Update: 33

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 02/02/2016
Next Scheduled EDR Contact: 05/16/2016
Data Release Frequency: Varies

Listing of Storage Tanks
A listing of underground storage tank sites located in Westchester County.

Date of Government Version: 10/13/2015
Date Data Arrived at EDR: 10/15/2015
Date Made Active in Reports: 11/17/2015
Number of Days to Update: 33

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 02/02/2016
Next Scheduled EDR Contact: 05/16/2016
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/30/2013
Date Data Arrived at EDR: 08/19/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 02/18/2016
Next Scheduled EDR Contact: 05/30/2016
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 07/17/2015
Date Made Active in Reports: 08/12/2015
Number of Days to Update: 26

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 01/15/2016
Next Scheduled EDR Contact: 04/25/2016
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/24/2015
Date Made Active in Reports: 08/18/2015
Number of Days to Update: 25

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 01/19/2016
Next Scheduled EDR Contact: 05/02/2016
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 06/19/2015
Date Made Active in Reports: 07/15/2015
Number of Days to Update: 26

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 02/22/2016
Next Scheduled EDR Contact: 06/06/2016
Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data
Hazardous waste manifest information.

Date of Government Version: 11/16/2015
Date Data Arrived at EDR: 11/23/2015
Date Made Active in Reports: 01/07/2016
Number of Days to Update: 45

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 01/19/2016
Next Scheduled EDR Contact: 05/02/2016
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 03/19/2015
Date Made Active in Reports: 04/07/2015
Number of Days to Update: 19

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 12/09/2015
Next Scheduled EDR Contact: 03/28/2016
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: PennWell Corporation
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data
Source: PennWell Corporation
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.
Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.
Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.
Daycare Centers: Day Care Providers
Source: Department of Health
Telephone: 212-676-2444

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Freshwater Wetlands
Source: Department of Environmental Conservation
Telephone: 518-402-8961

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

M14602
710 GRAND STREET
BROOKLYN, NY 11206

TARGET PROPERTY COORDINATES

Latitude (North):	40.711358 - 40˚ 42’ 40.89’’
Longitude (West):	73.944328 - 73˚ 56’ 39.58’’
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	589172.9
UTM Y (Meters):	4507040.5
Elevation:	38 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5940597 BROOKLYN, NY
Version Date:	2013

EDR’s GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

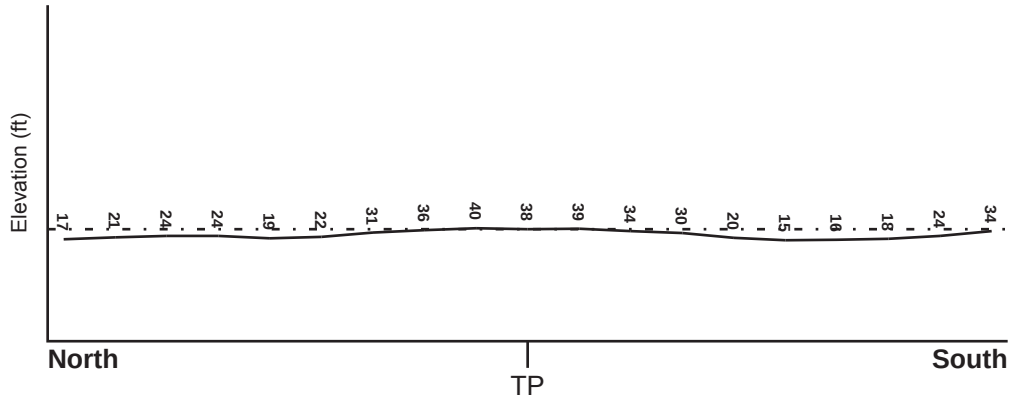
TOPOGRAPHIC INFORMATION

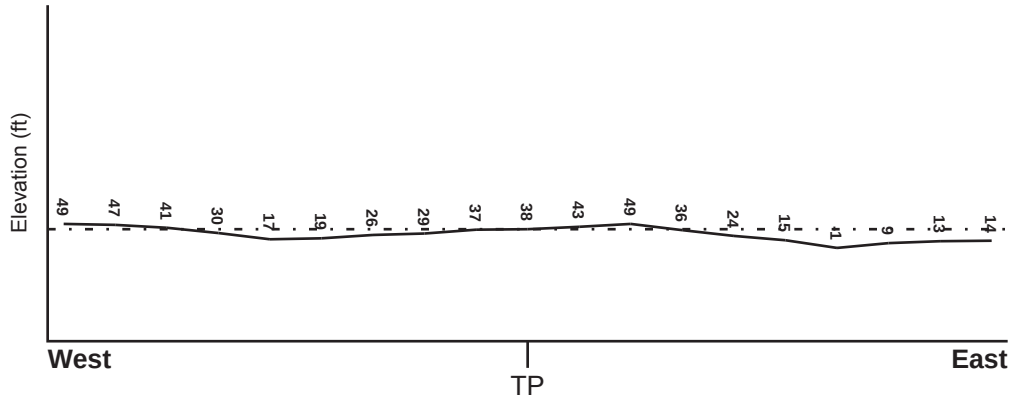
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General WSW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES





Target Property Elevation: 38 ft.

0 1/2 1 Miles

Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
KINGS, NY	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property:	360497 - FEMA DFIRM Flood data
Additional Panels in search area:	3604970048B - FEMA Q3 Flood data 3604970047B - FEMA Q3 Flood data 3604970055B - FEMA Q3 Flood data 3604970056B - FEMA Q3 Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
BROOKLYN	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Mesozoic
System:	Cretaceous
Series:	Upper Cretaceous
Code:	uK *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name:	URBAN LAND
Soil Surface Texture:	variable
Hydrologic Group:	Not reported
Soil Drainage Class:	Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel:	Not Reported
Depth to Bedrock Min:	> 10 inches
Depth to Bedrock Max:	> 10 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	6 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: silt loam
loamy sand
sandy loam
fine sandy loam

Surficial Soil Types: silt loam
loamy sand
sandy loam
fine sandy loam

Shallow Soil Types: sandy loam

Deeper Soil Types: unweathered bedrock
very gravelly - loamy sand
stratified
sandy loam

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	USGS40000829386	0 - 1/8 Mile ESE
A2	USGS40000829385	1/8 - 1/4 Mile ESE
3	USGS40000829320	1/8 - 1/4 Mile SSW
4	USGS40000829291	1/8 - 1/4 Mile SSE
B5	USGS40000829262	1/8 - 1/4 Mile South
6	USGS40000829528	1/4 - 1/2 Mile NNE
B7	USGS40000829242	1/4 - 1/2 Mile South
C8	USGS40000829273	1/4 - 1/2 Mile SE
C9	USGS40000829261	1/4 - 1/2 Mile SE
D10	USGS40000829485	1/4 - 1/2 Mile WNW
D11	USGS40000829478	1/4 - 1/2 Mile WNW
12	USGS40000829578	1/4 - 1/2 Mile NW
13	USGS40000829364	1/4 - 1/2 Mile East
14	USGS40000829373	1/4 - 1/2 Mile West
E15	USGS40000829234	1/2 - 1 Mile SE
17	USGS40000829707	1/2 - 1 Mile NNW
E18	USGS40000829233	1/2 - 1 Mile ESE
19	USGS40000829597	1/2 - 1 Mile NE
20	USGS40000829232	1/2 - 1 Mile ESE
21	USGS40000829263	1/2 - 1 Mile WSW
22	USGS40000829203	1/2 - 1 Mile WSW
23	USGS40000829247	1/2 - 1 Mile ESE
24	USGS40000829033	1/2 - 1 Mile South
F25	USGS40000829064	1/2 - 1 Mile SSW
F26	USGS40000829065	1/2 - 1 Mile SW
27	USGS40000829655	1/2 - 1 Mile NE
28	USGS40000829248	1/2 - 1 Mile WSW
G29	USGS40000828973	1/2 - 1 Mile SSW
G30	USGS40000828976	1/2 - 1 Mile SSW
G31	USGS40000828975	1/2 - 1 Mile SSW
G32	USGS40000828974	1/2 - 1 Mile SSW
G33	USGS40000828977	1/2 - 1 Mile SSW
G34	USGS40000834987	1/2 - 1 Mile SSW
G35	USGS40000834988	1/2 - 1 Mile SSW
G36	USGS40000828958	1/2 - 1 Mile SSW
G37	USGS40000828959	1/2 - 1 Mile SSW
G38	USGS40000828960	1/2 - 1 Mile SSW
39	USGS40000829892	1/2 - 1 Mile NNE
H40	USGS40000829004	1/2 - 1 Mile SSW
41	USGS40000828916	1/2 - 1 Mile South
G42	USGS40000828938	1/2 - 1 Mile SSW
I43	USGS40000829561	1/2 - 1 Mile WNW
J44	USGS40000828939	1/2 - 1 Mile SSW
J45	USGS40000828940	1/2 - 1 Mile SSW
46	USGS40000829116	1/2 - 1 Mile SE
47	USGS40000828917	1/2 - 1 Mile SSW
K48	USGS40000829002	1/2 - 1 Mile SSE
K49	USGS40000829003	1/2 - 1 Mile SSE
L50	USGS40000829052	1/2 - 1 Mile SE
L51	USGS40000829031	1/2 - 1 Mile SE
L52	USGS40000829032	1/2 - 1 Mile SE
H53	USGS40000828978	1/2 - 1 Mile SSW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
J54	USGS40000828918	1/2 - 1 Mile SSW
M55	USGS40000829963	1/2 - 1 Mile North
M56	USGS40000829964	1/2 - 1 Mile North
I57	USGS40000829572	1/2 - 1 Mile WNW
58	USGS40000829139	1/2 - 1 Mile WSW
59	USGS40000829063	1/2 - 1 Mile SE
N60	USGS40000829805	1/2 - 1 Mile NW
N61	USGS40000829792	1/2 - 1 Mile NW
62	USGS40000829001	1/2 - 1 Mile SE
63	USGS40000829806	1/2 - 1 Mile NW
N64	USGS40000829834	1/2 - 1 Mile NW
O65	USGS40000829722	1/2 - 1 Mile ENE
66	USGS40000829283	1/2 - 1 Mile ESE
67	USGS40000829330	1/2 - 1 Mile East
O68	USGS40000829706	1/2 - 1 Mile ENE
69	USGS40000829000	1/2 - 1 Mile SE
70	USGS40000829352	1/2 - 1 Mile West

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
16	NY0007257	1/2 - 1 Mile WNW

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	NYOG80000035720	1/2 - 1 Mile WSW

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for KINGS County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for KINGS COUNTY, NY

Number of sites tested: 51

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area	0.750 pCi/L	100%	0%	0%
Basement	1.370 pCi/L	88%	10%	2%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Freshwater Wetlands
Source: Department of Environmental Conservation
Telephone: 518-402-8961

HYDROGEOLOGIC INFORMATION

AQUIFLOW[R] Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

New York Public Water Wells
Source: New York Department of Health
Telephone: 518-458-6731

OTHER STATE DATABASE INFORMATION

Oil and Gas Well Database
Department of Environmental Conservation
Telephone: 518-402-8072
These files contain records, in the database, of wells that have been drilled.

RADON

State Database: NY Radon
Source: Department of Health
Telephone: 518-402-7556
Radon Test Results

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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HISTORICAL RESEARCH DOCUMENTATION

M14602
710 GRAND STREET
Brooklyn, NY 11206

Inquiry Number: 4556130.3
March 06, 2016

Certified Sanborn® Map Report

6 Armstrong Road, 4th Floor
Shelton, Connecticut 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

3/06/16

Site Name:
M14602
710 GRAND STREET
Brooklyn, NY 11206

Client Name:
Merritt Environmental
77 Arkay Drive
Hauppauge, NY 11788

EDR Inquiry # 4556130.3

Contact: SCOTT E DEVINE

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Merritt Environmental Consulting Corp. were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Site Name: M14602
Address: 710 GRAND STREET
City, State, Zip: Brooklyn, NY 11206
Cross Street:
P.O. # NA
Project: M14602
Certification # 84F2-484B-9372

Maps Provided:

2007	2001	1989	1981	1942
2006	1996	1988	1980	1935
2005	1995	1987	1979	1916
2004	1993	1986	1978	1905
2003	1992	1983	1965	1887
2002	1991	1982	1951	

Sanborn® Library search results
Certification # 84F2-484B-9372

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

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

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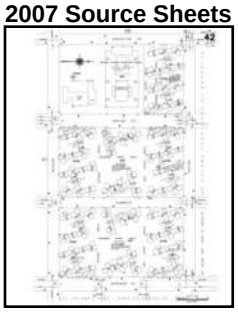
Sanborn Sheet Thumbnails

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

2007 Source Sheets



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Volume 4, Sheet 23

2006 Source Sheets

Volume 4, Sheet 23

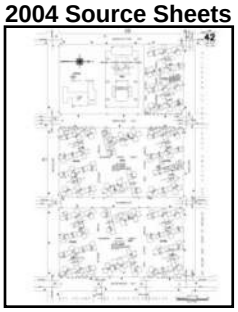
Volume 3, Sheet 42

2005 Source Sheets

Volume 4, Sheet 23

Volume 3, Sheet 42

2004 Source Sheets



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2003 Source Sheets

Volume 4, Sheet 23

Volume 3, Sheet 42

2002 Source Sheets

Volume 3, Sheet 42

Volume 4, Sheet 23

2001 Source Sheets

Volume 4, Sheet 23

Volume 3, Sheet 42

1996 Source Sheets

Volume 3, Sheet 42

Volume 4, Sheet 23

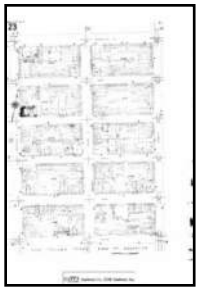
1995 Source Sheets

Volume 4, Sheet 23

Volume 3, Sheet 42

1993 Source Sheets

Volume 3, Sheet 42



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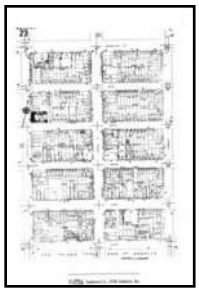
1992 Source Sheets

Volume 3, Sheet 42



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1991 Source Sheets

Volume 4, Sheet 23

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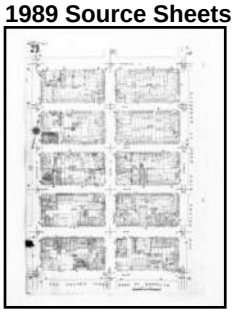
1989 Source Sheets



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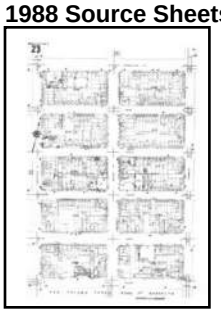
1988 Source Sheets



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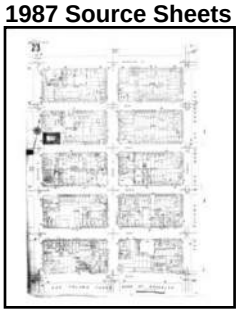
1987 Source Sheets



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1986 Source Sheets

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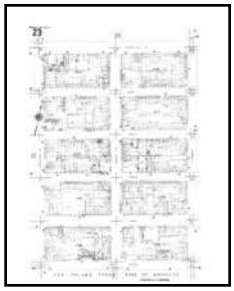

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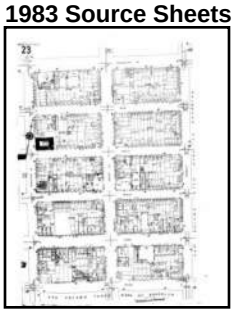
1983 Source Sheets



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1982 Source Sheets

Volume 4, Sheet 23

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1981 Source Sheets

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1980 Source Sheets

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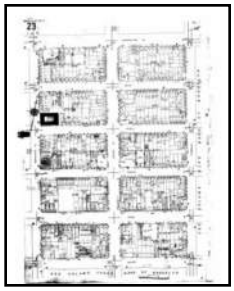

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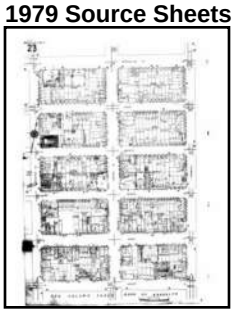
1979 Source Sheets



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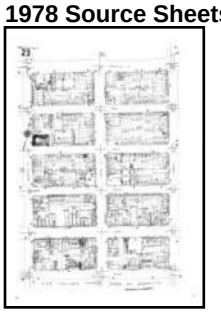
1978 Source Sheets



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1965 Source Sheets

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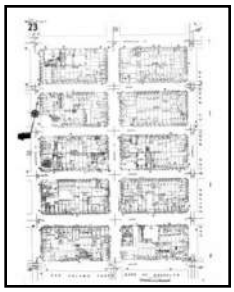

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1951 Source Sheets

Volume 4, Sheet 23

1942 Source Sheets

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1935 Source Sheets

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1916 Source Sheets

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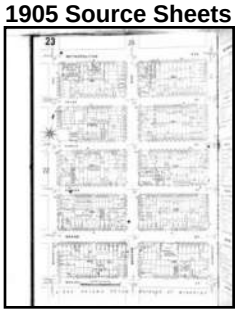
1905 Source Sheets



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1887 Source Sheets

Volume 4, Sheet 110

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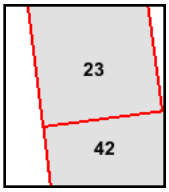

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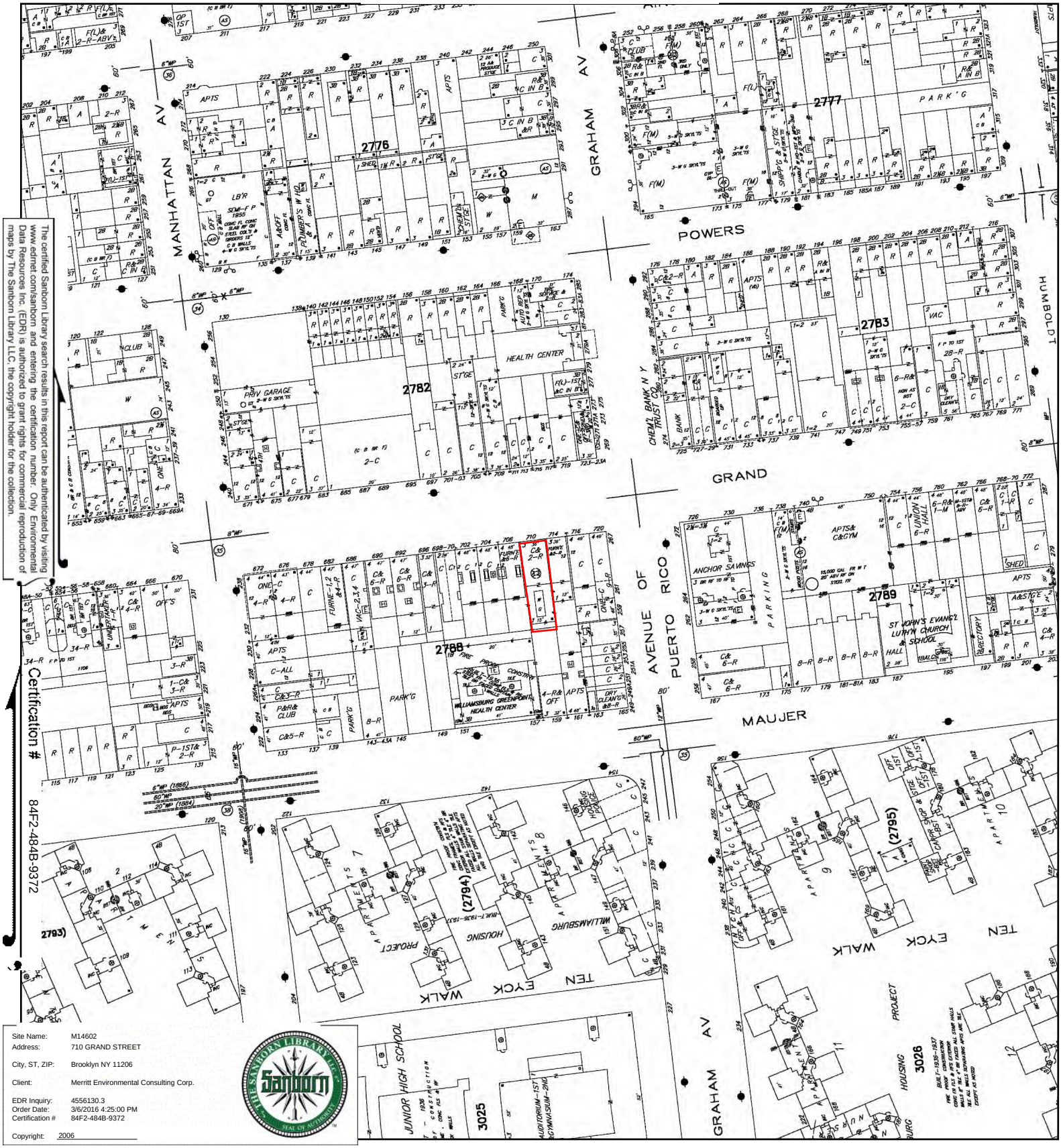

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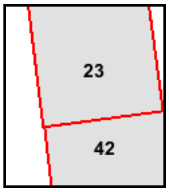

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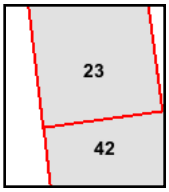

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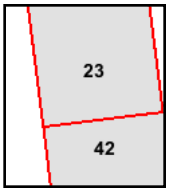

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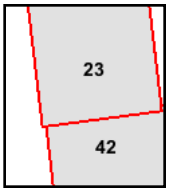

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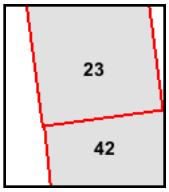

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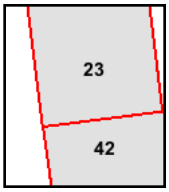

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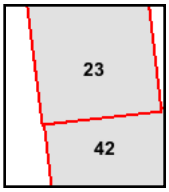

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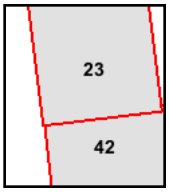

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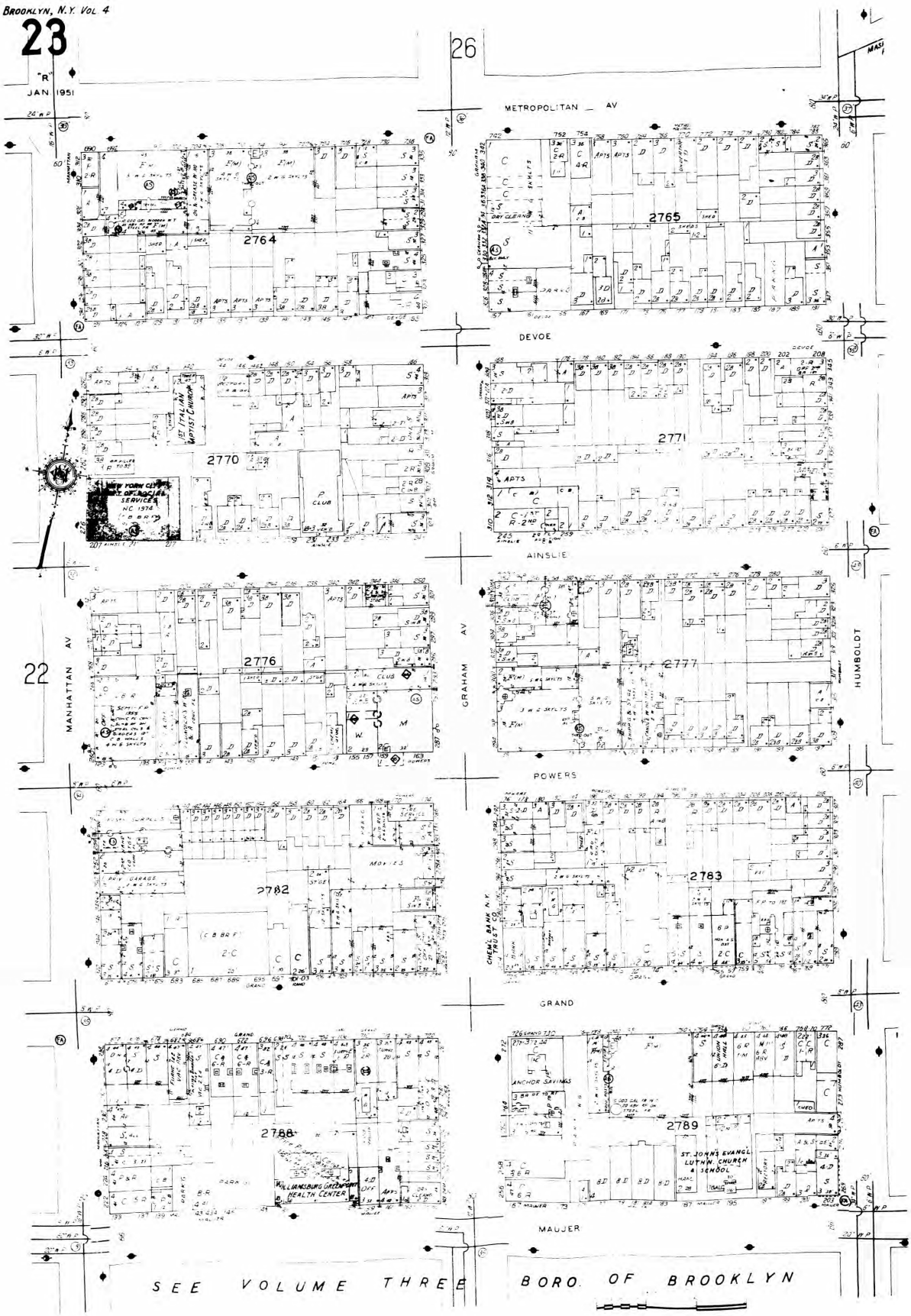

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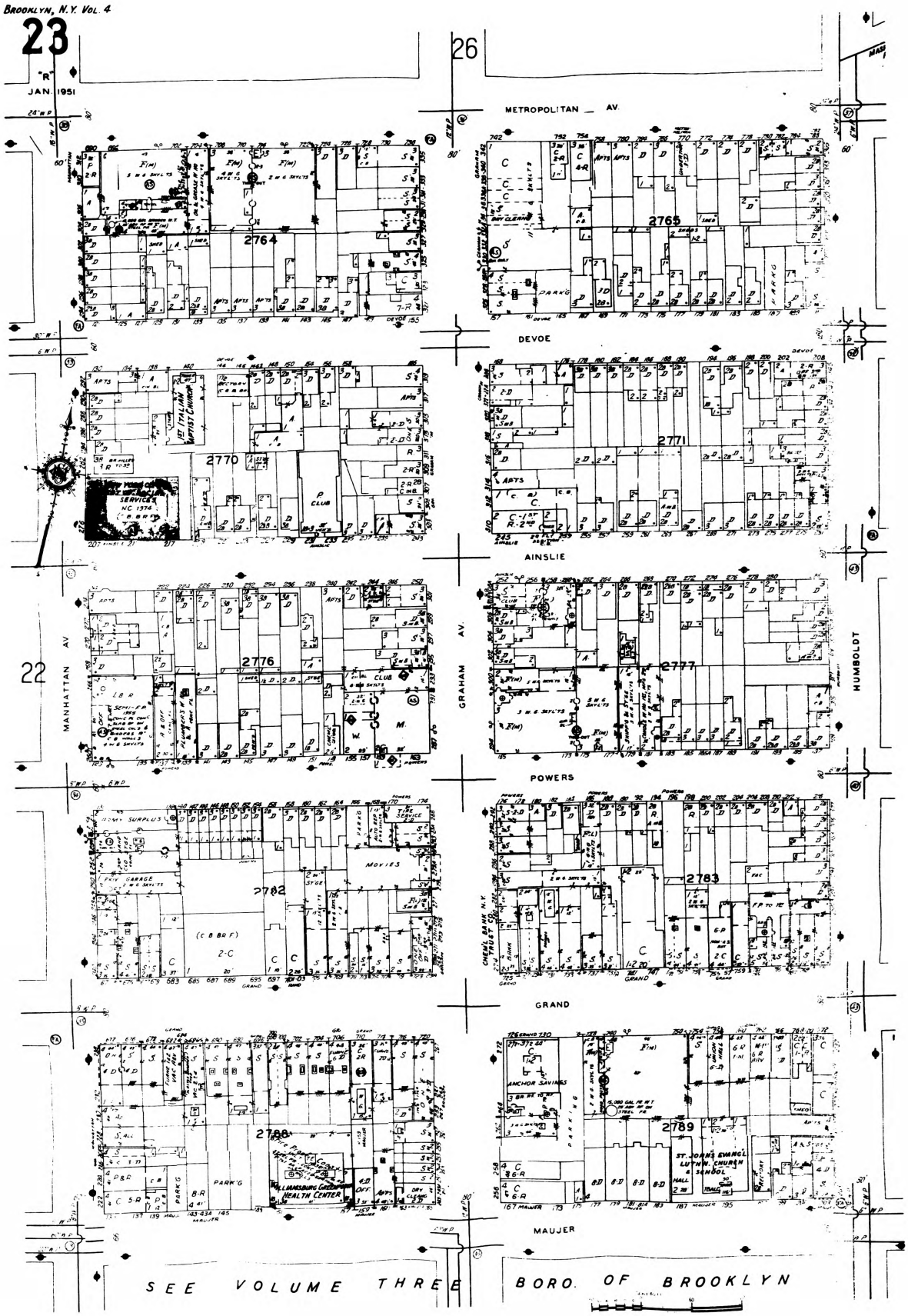

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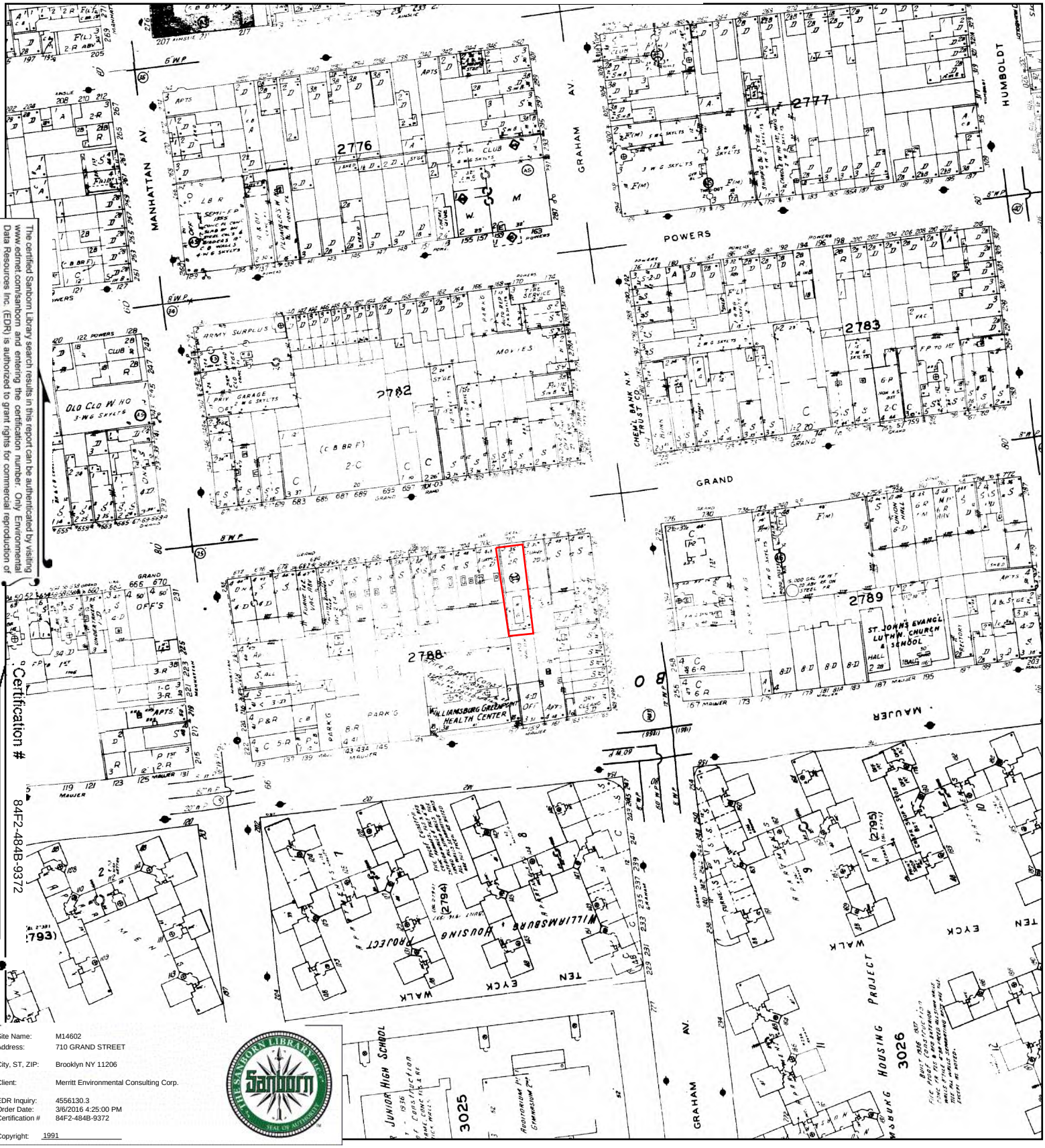

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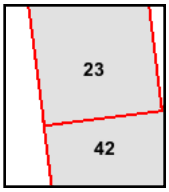

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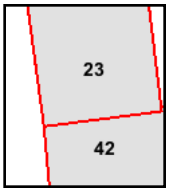

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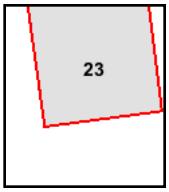

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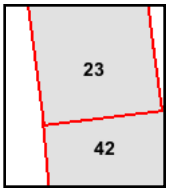

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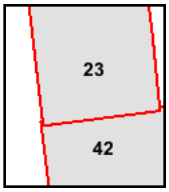

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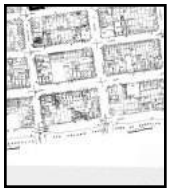

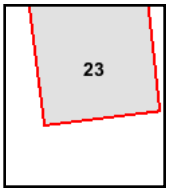

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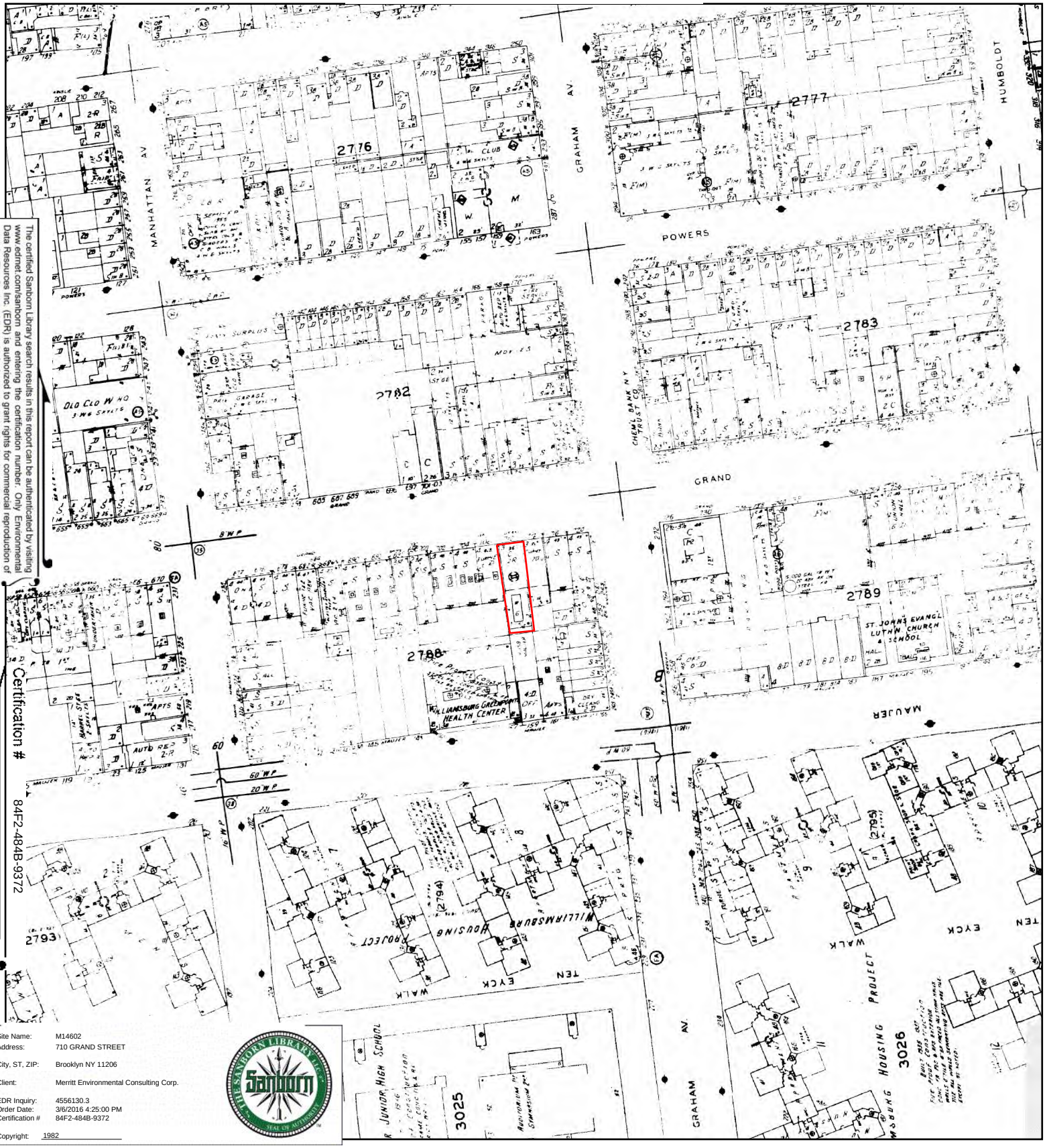

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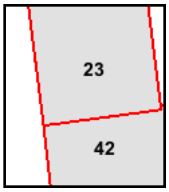

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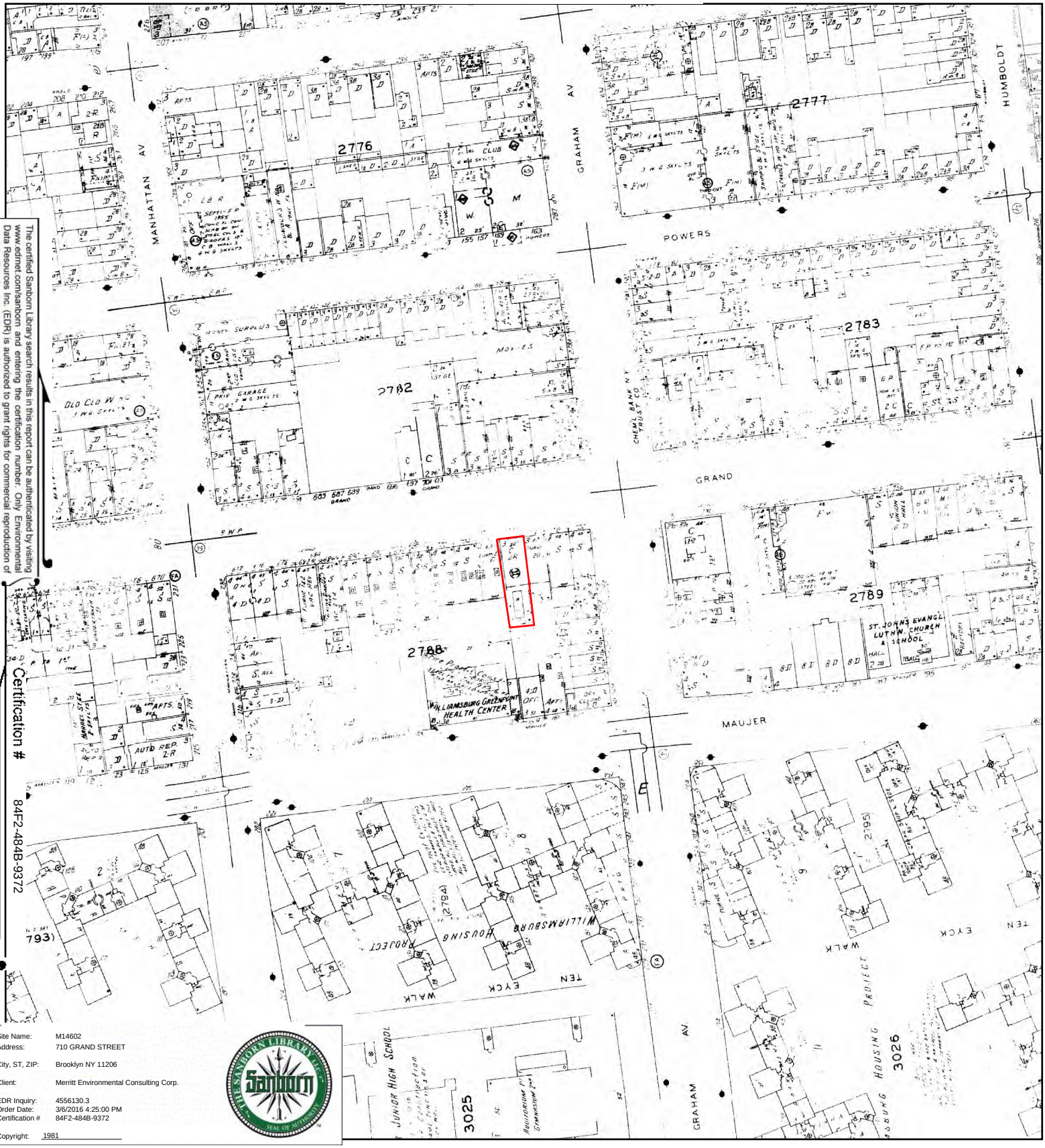

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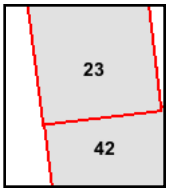

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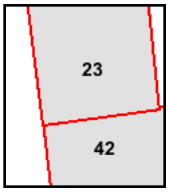

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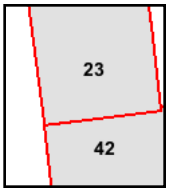
Site Name:	M14602
Address:	710 GRAND STREET
City, ST, ZIP:	Brooklyn NY 11206
Client:	Merritt Environmental Consulting Corp.
EDR Inquiry:	4556130.3
Order Date:	3/6/2016 4:25:00 PM
Certification #	84F2-484B-9372
Copyright:	1979

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

0 Feet 150 300 600



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N

1978 Certified Sanborn Map

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Address:	710 GRAND STREET
City, ST, ZIP:	Brooklyn NY 11206
Client:	Merritt Environmental Consulting Corp.
EDR Inquiry:	4556130.3
Order Date:	3/6/2016 4:25:00 PM
Certification #	84F2-484B-9372
Copyright:	1978

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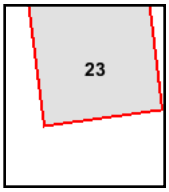

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Address:	710 GRAND STREET
City, ST, ZIP:	Brooklyn NY 11206
Client:	Merritt Environmental Consulting Corp.
EDR Inquiry:	4556130.3
Order Date:	3/6/2016 4:25:00 PM
Certification #	84F2-484B-9372
Copyright:	1965

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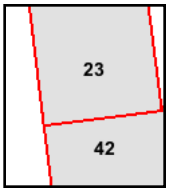

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N

1951 Certified Sanborn Map

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Site Name:	M14602
Address:	710 GRAND STREET
City, ST, ZIP:	Brooklyn NY 11206
Client:	Merritt Environmental Consulting Corp.
EDR Inquiry:	4556130.3
Order Date:	3/6/2016 4:25:00 PM
Certification #	84F2-484B-9372
Copyright:	1951

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

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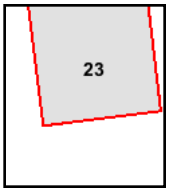

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1942 Certified Sanborn Map

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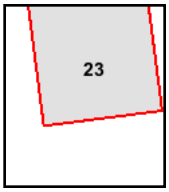
Site Name:	M14602
Address:	710 GRAND STREET
City, ST, ZIP:	Brooklyn NY 11206
Client:	Merritt Environmental Consulting Corp.
EDR Inquiry:	4556130.3
Order Date:	3/6/2016 4:25:00 PM
Certification #	84F2-484B-9372
Copyright:	1942

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



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0 Feet 150 300 600

N

1935 Certified Sanborn Map

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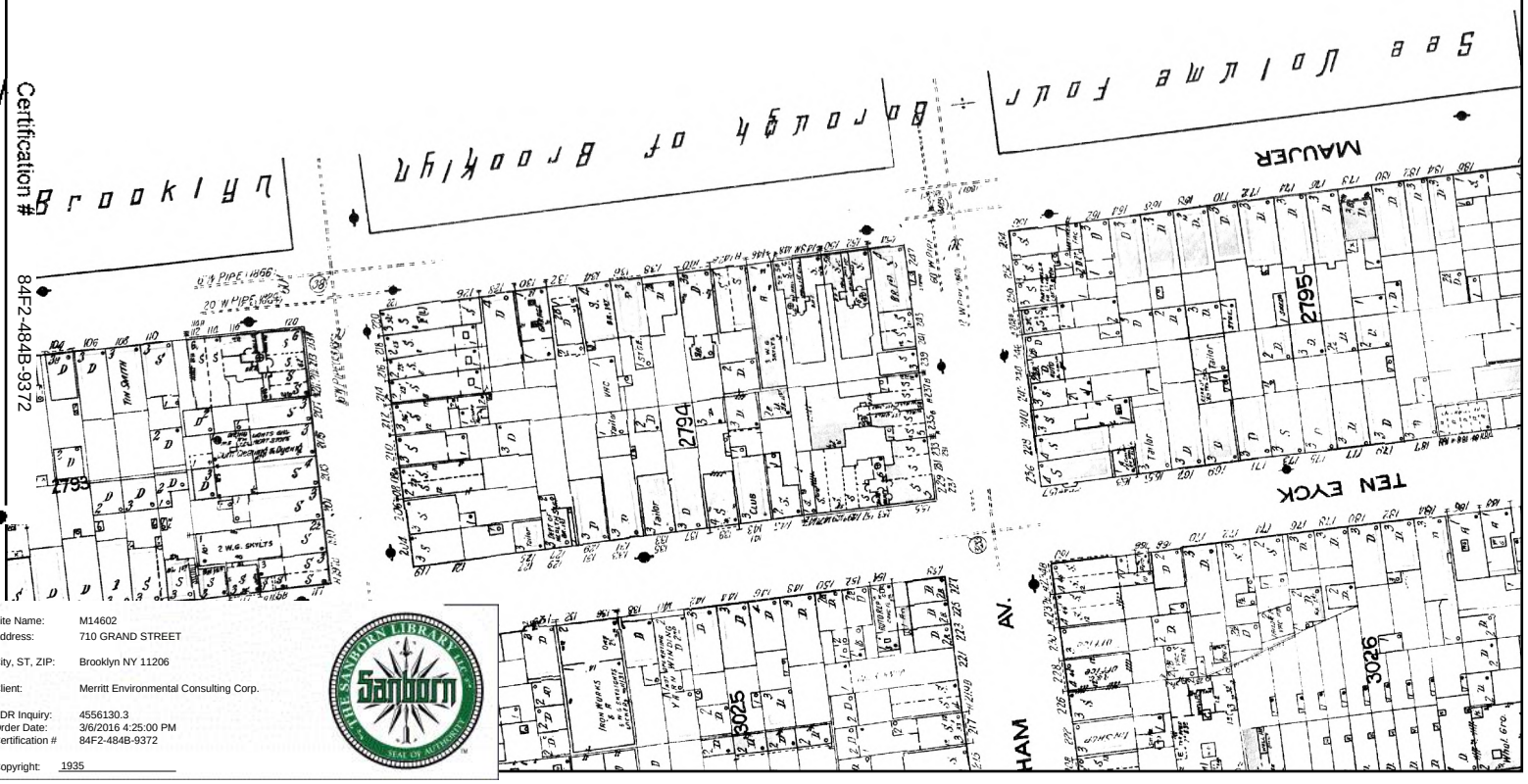
Certification # 84F2-484B-9372



Site Name:	M14602
Address:	710 GRAND STREET
City, ST, ZIP:	Brooklyn NY 11206
Client:	Merritt Environmental Consulting Corp.
EDR Inquiry:	4556130.3
Order Date:	3/6/2016 4:25:00 PM
Certification #	84F2-484B-9372
Copyright:	1935

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

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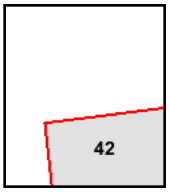

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1916 Certified Sanborn Map

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Certification # 84F2-484B-9372

Site Name:	M14602
Address:	710 GRAND STREET
City, ST, ZIP:	Brooklyn NY 11206
Client:	Merritt Environmental Consulting Corp.
EDR Inquiry:	4556130.3
Order Date:	3/6/2016 4:25:00 PM
Certification #	84F2-484B-9372
Copyright:	1916

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

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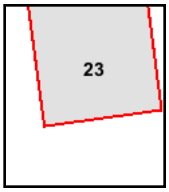

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1905 Certified Sanborn Map

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Certification # 84F2-484B-9372

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Address:	710 GRAND STREET
City, ST, ZIP:	Brooklyn NY 11206
Client:	Merritt Environmental Consulting Corp.
EDR Inquiry:	4556130.3
Order Date:	3/6/2016 4:25:00 PM
Certification #	84F2-484B-9372
Copyright:	1905

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

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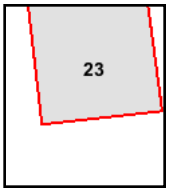

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1887 Certified Sanborn Map

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Address:	710 GRAND STREET
City, ST, ZIP:	Brooklyn NY 11206
Client:	Merritt Environmental Consulting Corp.
EDR Inquiry:	4556130.3
Order Date:	3/6/2016 4:25:00 PM
Certification #	84F2-484B-9372
Copyright:	1887

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

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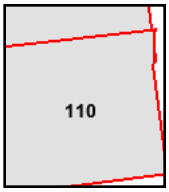

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N

M14602
710 GRAND STREET
Brooklyn, NY 11206

Inquiry Number: 4556130.12
March 07, 2016

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th Floor
Shelton, Connecticut 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

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with any questions or comments.

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Date EDR Searched Historical Sources:

Aerial Photography March 07, 2016

Target Property:

710 GRAND STREET

Brooklyn, NY 11206

Year	***Scale***	***Details***	***Source***
1924	Aerial Photograph. Scale: 1"=500'	Flight Date: July 01, 1924	USGS
1941	Aerial Photograph. Scale: 1"=500'	Flight Date: January 01, 1941	FirstSearch
1951	Aerial Photograph. Scale: 1"=500'	Flight Date: April 21, 1951	EDR Proprietary Aerial Viewpoint
1954	Aerial Photograph. Scale: 1"=500'	Flight Date: January 04, 1954	USGS
1961	Aerial Photograph. Scale: 1"=500'	Flight Date: April 12, 1961	EDR Proprietary Aerial Viewpoint
1966	Aerial Photograph. Scale: 1"=500'	Flight Date: February 23, 1966	USGS
1974	Aerial Photograph. Scale: 1"=500'	Flight Date: October 19, 1974	USGS
1980	Aerial Photograph. Scale: 1"=500'	Flight Date: July 25, 1980	USGS
1984	Aerial Photograph. Scale: 1"=500'	Flight Date: March 26, 1984	USGS
1991	Aerial Photograph. Scale: 1"=500'	Flight Date: March 09, 1991	USGS
1994	Aerial Photograph. Scale: 1"=500'	DOQQ - acquisition dates: April 04, 1994	USGS/DOQQ
2006	Aerial Photograph. Scale: 1"=500'	Flight Year: 2006	USDA/NAIP
2009	Aerial Photograph. Scale: 1"=500'	Flight Year: 2009	USDA/NAIP
2011	Aerial Photograph. Scale: 1"=500'	Flight Year: 2011	USDA/NAIP

INQUIRY #: 4556130.12
YEAR: 1924
= 500'
N
EDR

INQUIRY #: 4556130.12
YEAR: 1941
= 500'
N
EDR

INQUIRY #: 4556130.12
YEAR: 1951
= 500'
N
EDR

INQUIRY #: 4556130.12
YEAR: 1954
= 500'
N
EDR

INQUIRY #: 4556130.12
YEAR: 1961
= 500'
N
EDR

INQUIRY #: 4556130.12
YEAR: 1966
= 500'
N
EDR

INQUIRY #: 4556130.12
YEAR: 1974
= 500'
N
EDR

INQUIRY #: 4556130.12
YEAR: 1980
= 500'
N
EDR

INQUIRY #: 4556130.12
YEAR: 1984
= 500'
N
EDR

INQUIRY #: 4556130.12
YEAR: 1991
= 500'
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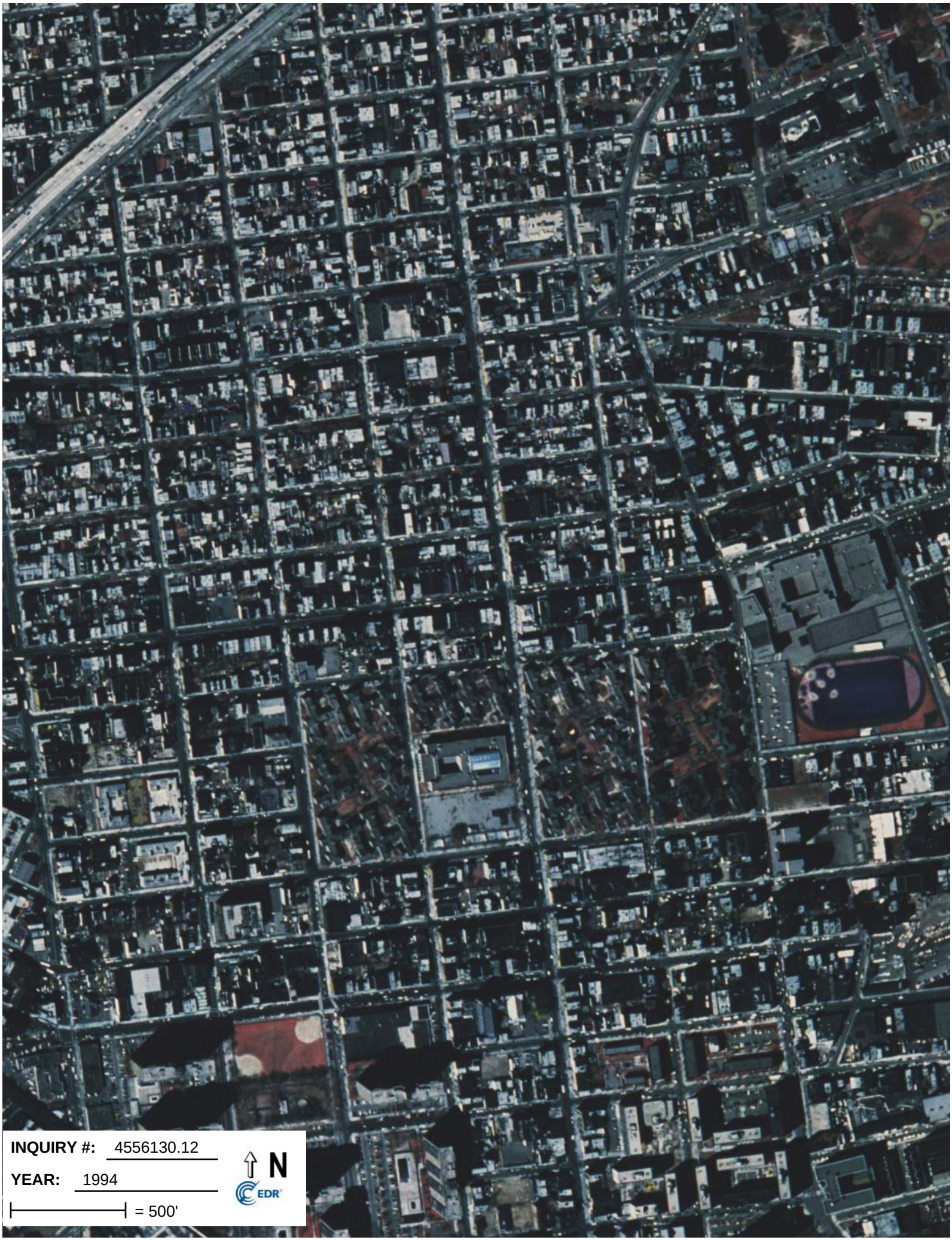
EDR


INQUIRY #: 4556130.12
YEAR: 1994
= 500'
N
EDR

INQUIRY #: 4556130.12
YEAR: 2006
= 500'
N
EDR

INQUIRY #: 4556130.12
YEAR: 2009
= 500'
N
EDR

INQUIRY #: 4556130.12
YEAR: 2011
= 500'
N
EDR

M14602
710 GRAND STREET
Brooklyn, NY 11206

Inquiry Number: 4556130.5
March 04, 2016

The EDR-City Directory Abstract

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

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

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EXECUTIVE SUMMARY

DESCRIPTION

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

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1928 through 2013. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 100 feet of the target property.

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

RESEARCH SUMMARY

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

Year	Source	TP	Adjoining	Text Abstract	Source Image
2013	Cole Information Services	X	X	X	-
2008	Cole Information Services	X	X	X	-
2005	Hill-Donnelly Corporation	X	X	X	-
2000	Cole Information Services	X	X	X	-
1997	NYNEX	X	X	X	-
1992	NYNEX Informantion Resource Co.	X	X	X	-
1985	NYNEX Information Resources Company	X	X	X	-
1980	New York Telephone	X	X	X	-
1976	New York Telephone	X	X	X	-
1973	New York Telephone	X	X	X	-
1970	New York Telephone	X	X	X	-
1965	New York Telephone	X	X	X	-
1960	New York Telephone	X	X	X	-
	New York Telephone Company	X	X	X	-
1949	New York Telephone Company	X	X	X	-
1945	New York Telephone	X	X	X	-
1940	New York Telephone	-	X	X	-
1934	R. L. Polk & Co.	X	X	X	-
1928	New York Telephone	X	X	X	-

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

710 GRAND STREET
Brooklyn, NY 11206

FINDINGS DETAIL

Target Property research detail.

GRAND

710 GRAND

Year	Uses	Source
1997	APONTE Vajeira	NYNEX
	Sports Lane H	NYNEX
1992	TRIANGLE SPORTS	NYNEX Informantion Resource Co.
1985	TRIANGLE SPORTS	NYNEX Information Resources Company
1980	TRIANGLE SPORTS	New York Telephone
1976	VELEZ CARMEN	New York Telephone
1960	COREY FERDINAND	New York Telephone
	TRIANGLE STORES	New York Telephone
	Corey Ferdinand	New York Telephone Company
	Triangle Stores	New York Telephone Company
1949	Corey Ferdinand	New York Telephone Company
1945	House of Flowers	New York Telephone
1934	KARAKITSOS GUSTANDINE FLORIST H	R. L. Polk & Co.
	SCOFOLLITE DOMONIC DRESSES	R. L. Polk & Co.
	SCOFOLLITE PASQUALE CARP H	R. L. Polk & Co.
	SCOFOLLITE PATSY AGT MET LIFE INS CO R	R. L. Polk & Co.
1928	BROADWIN CO THE	New York Telephone

GRAND AVE

710 GRAND AVE

Year	Uses	Source
1997	KOSHKO Helen	NYNEX

FINDINGS

GRAND ST

710 GRAND ST

Year	Uses	Source
2013	SPORTS LANE II	Cole Information Services
2008	NOARC 2 INC	Cole Information Services
	SPORTS LANE II	Cole Information Services
	TERRANOVA SPORTSWEAR INC	Cole Information Services
2005	Sports Lane II	Hill-Donnelly Corporation
2000	SPORTS LANE LL	Cole Information Services
1976	TRIANGLE STORES	New York Telephone

GRAND st

710 GRAND st

Year	Uses	Source
1973	Babington Theresa	New York Telephone

GRAND ST

710 GRAND ST

Year	Uses	Source
1973	Triangle Stores	New York Telephone

GRAND st

710 GRAND st

Year	Uses	Source
1973	Vaca Albert	New York Telephone
1970	Babington Theresa	New York Telephone

GRAND ST

710 GRAND ST

Year	Uses	Source
1970	Triangle Stores	New York Telephone

GRAND st

710 GRAND st

Year	Uses	Source
1970	V & Z Heating Co	New York Telephone

FINDINGS

Year	Uses	Source
1970	Vaca Albert	New York Telephone

GRAND St

710 GRAND St

Year	Uses	Source
1965	Piscopo Antonio	New York Telephone

FINDINGS

ADJOINING PROPERTY DETAIL

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

EX GRAND ST

717 EX GRAND ST

Year	Uses	Source
1960	Rosinsky Sam	New York Telephone Company

GRAND

700 GRAND

Year	Uses	Source
1997	BLOCK H & R Local Offices Williamsburg	NYNEX
	Phoenix Data	NYNEX
	Phoenix Auto Driving School	NYNEX
1992	SHELLEY S BOUTIQUE	NYNEX Informantion Resource Co.
1985	WESTERN UNION AGENTS BILKO CHECK CASHING	NYNEX Information Resources Company
	L & A TRAVEL INC	NYNEX Information Resources Company
	HUNG WAN HOUSE	NYNEX Information Resources Company
1976	PEKING PELACE	New York Telephone
1960	H & H Bargain Cntr cabots	New York Telephone Company
	H & H BARGAIN CNTR CABOTS	New York Telephone
1945	Tortorelli Dominick	New York Telephone
	Porpora Alphonsus	New York Telephone
1934	SURRUSCO MARYS MACH OPR R	R. L. Polk & Co.
1928	LA ROUGE BEAUTY SHOPPE	New York Telephone

701 GRAND

Year	Uses	Source
1992	LIPTON JEWELERS & ELECTRONICS INC	NYNEX Informantion Resource Co.
1960	Heins Irving jwlr	New York Telephone Company
	LIPTON JEWELERS	New York Telephone
	HEINS IRVING JWLR	New York Telephone
	LIPTON JEWELERS	New York Telephone Company
1949	Lipton Robt jeweler	New York Telephone Company
1945	Lipton Robt jeweler	New York Telephone

FINDINGS

Year	Uses	Source
1940	Lipton Robt Jeweler	New York Telephone
1934	LIPSTEN HELEN MRS V-PRES RONT LIPTON INC H	R. L. Polk & Co.
	LIPSTEN ROBT PRES ROBT LIPTON INC JWIR	R. L. Polk & Co.
1928	ROBT JEWELER	New York Telephone

702 GRAND

Year	Uses	Source
1997	Lovers Nails	NYNEX
	JOVEL Rafael A	NYNEX
1992	MIRANDA PEDRO	NYNEX Informantion Resource Co.
	LOVERS NAILS	NYNEX Informantion Resource Co.
	CAPPELLINO F MRS	NYNEX Informantion Resource Co.
1985	ALVERIO MARTIN	NYNEX Information Resources Company
	CAPPELLINO F MRS	NYNEX Information Resources Company
1976	SOTO RAUL	New York Telephone
	GORKIEWICZ MARY MRS	New York Telephone
	CAPPELLINO FANNIE MRS	New York Telephone
1960	LINDON ALBERT C	New York Telephone
	LAGASSE ALFRED T	New York Telephone
	JOHANNEN JOHN DELCATESN	New York Telephone
	CAPPELLINO JOS	New York Telephone
	Lindon Albert C	New York Telephone Company
	Lagasse Alfred T	New York Telephone Company
	Cappellino Jos	New York Telephone Company
	Johannen John delcatesn	New York Telephone Company
1949	Dethlefsen Chas	New York Telephone Company
	Als Oil Burner Svce	New York Telephone Company
1940	Dethlefsen Chas	New York Telephone
1934	STECKLER CARL CLK H	R. L. Polk & Co.
	SCHULTZ OTTO DELICATESSEN H DO	R. L. Polk & Co.
	KELLER MILDRED STEN R	R. L. Polk & Co.
	KELLER GEO UPHOL H	R. L. Polk & Co.
	BARRY WM LAB H	R. L. Polk & Co.
1928	RODIN JACOB DLCTSN	New York Telephone
	ORGAN ROBT R	New York Telephone
	O LEARY JOS F R	New York Telephone
	ANDRES BLANCHE T R	New York Telephone

FINDINGS

703 GRAND

Year	Uses	Source
1992	TAFURO STEVEN	NYNEX Informantion Resource Co.
1985	TAFURO STEVEN	NYNEX Information Resources Company
	TAFURO DOMINIC	NYNEX Information Resources Company
1980	TAFURO DOMINIC	New York Telephone
1976	TAFURO DOMINIC	New York Telephone
1960	TERESA PETER J	New York Telephone
	Teresa Peter J	New York Telephone Company
1934	FREIMAN GEO PHYS	R. L. Polk & Co.
1928	FREIMAN GEO MD OFFICE	New York Telephone

704 GRAND

Year	Uses	Source
1997	Los Premos Restrnt	NYNEX
	MOLINA Ofeiia	NYNEX
	MIRANDA Marcos	NYNEX
1992	LOS PREMOS RESTRNT	NYNEX Informantion Resource Co.
	MIRANDA MARCOS	NYNEX Informantion Resource Co.
1985	FRANCIPANE ANTHONY	NYNEX Information Resources Company
	GIUILIANO JERRY	NYNEX Information Resources Company
	KELLER HENRY	NYNEX Information Resources Company
	STAR COFFEE SHOP	NYNEX Information Resources Company
1980	TAFURO J BAR & GRILL	New York Telephone
1976	LOGANZO TONY	New York Telephone
	TAFURO J BAR & GRILL	New York Telephone
	TAFURO JOSEPH	New York Telephone
	KELLER HENRY	New York Telephone
	FRANCIPANE ANTHONY	New York Telephone
1960	DARCY J	New York Telephone
	FALCO G RESTRNT	New York Telephone
	LOGANZO TONY	New York Telephone
	VITALE GLORIA	New York Telephone
	Vitale Gloria	New York Telephone Company
	Loganzo Tony	New York Telephone Company
	Falco G restrnt	New York Telephone Company
	Darcy J	New York Telephone Company
1949	Loganzo Tony	New York Telephone Company
	Falco G restrnt	New York Telephone Company
1945	Loganzo Tony	New York Telephone

FINDINGS

Year	Uses	Source
1945	Darcy J	New York Telephone
	Falco G restrnt	New York Telephone
1940	Falco G restrnt	New York Telephone
1934	SEEBECK FRANK PLMBR H	R. L. Polk & Co.
	SCHRINER CHAS H	R. L. Polk & Co.
	SAMPSON JENNIE H	R. L. Polk & Co.
	POLLACK ANNA H	R. L. Polk & Co.
	GOLDERER CHAS RESTR	R. L. Polk & Co.
	EGEN CHAS FNSHR H	R. L. Polk & Co.
	EAGAN JOHN LAB H	R. L. Polk & Co.
	EAGAN EVA R	R. L. Polk & Co.
1928	GLUCK A RESTRNT	New York Telephone

705 GRAND

Year	Uses	Source
1997	CHILDRENS PLAYWORLD INC	NYNEX
1992	CHILDREN S PLAYWORLD INC	NYNEX Informantion Resource Co.
1985	CHILDRENS PLAYWORLD INC	NYNEX Information Resources Company
1980	VEGA ROSA	New York Telephone
1960	BRUCKHEIMER M SONS INC PWNBRKRS	New York Telephone
	BRUCKHEIMER M SONS INC pwnbrkrs	New York Telephone Company
1949	Bruckhermer M Sons Inc pwnbrkrs	New York Telephone Company
1945	Bruckheimer M Sons Inc pwnbrkrs	New York Telephone
1934	BRUCKHELMER M SONS PAWNBROKERS	R. L. Polk & Co.
	TIMMONS HENRIETTA R	R. L. Polk & Co.
	TIMMONS TERENCE H	R. L. Polk & Co.
1928	BRUCKHEIMER M SONS PWN BKRS	New York Telephone
	TIMMONS HENRIETTA MISS R	New York Telephone

706 GRAND

Year	Uses	Source
1997	YANGAS Julia	NYNEX
	Grand Variety	NYNEX
	Grand View	NYNEX
	SINCHI Mauro	NYNEX
1992	GRAND VARIETY	NYNEX Informantion Resource Co.
	VILLANUEVA MILAGROS	NYNEX Informantion Resource Co.
	YANGAS JULIA	NYNEX Informantion Resource Co.

FINDINGS

Year	Uses	Source
1985	LADIES SHOES	NYNEX Information Resources Company
	SAEZ ROSA	NYNEX Information Resources Company
1976	GUERRERO LUZ	New York Telephone
1960	TRAPANI FRANK	New York Telephone
	TIZZANO ANGELO J	New York Telephone
	PORPORA ALPHONSUS	New York Telephone
	ILARDI JOS APPLNCE CO	New York Telephone
	CAPPIELLO FRANK	New York Telephone
	CAPPIELLO RADIO & ELEC APPLIANCE CO	New York Telephone
	Trapani Frank	New York Telephone Company
	Tizzano Angelo J	New York Telephone Company
	Porpora Alphonsus	New York Telephone Company
	Ilardi Jos Applnce Co	New York Telephone Company
	Cappiello Radio & Elec Appliance Co	New York Telephone Company
	Cappiello Frank	New York Telephone Company
1949	Cappiello Radio & Elec Appliance Co	New York Telephone Company
	Marinucci Larry	New York Telephone Company
	Porpora Alphonsus	New York Telephone Company
	Tizzano Angelo J	New York Telephone Company
1945	Cappiello Radio & Elec Appliance Co	New York Telephone
1940	Cappiello Radio & Elec Appliance Co	New York Telephone
1934	STUHLER HARRY ELECTN H	R. L. Polk & Co.
	LA ROUGE BEAUTY SHOPPE	R. L. Polk & Co.
	FOLLMER MARGT H	R. L. Polk & Co.
	FOLLMER LEONARD CLK R	R. L. Polk & Co.
	FOLLMER JOS R	R. L. Polk & Co.
	CAHILL MATTHEW LAB H	R. L. Polk & Co.
1928	ROEMER FRED UNDERTAKER MAIN OFFICE	New York Telephone
	ROEMMELE FRED & SON UNDERTAKERS	New York Telephone

708 GRAND

Year	Uses	Source
1997	Grand Ave Clothing	NYNEX

709 GRAND

Year	Uses	Source
1997	ROSA Juan	NYNEX

FINDINGS

Year	Uses	Source
1992	FAYVA SHOES	NYNEX Informantion Resource Co.
1985	ROSIES CLOTHING CORP	NYNEX Information Resources Company
	SCHWARTZ SAUL	NYNEX Information Resources Company
1976	EPPYS SPORTSWR	New York Telephone
	SCHWARTZ SAUL	New York Telephone
1960	COTICCHIO DORIS R	New York Telephone
	EPPY S SPORTSWR	New York Telephone
	TAFURO JOS	New York Telephone
	Tafuro Jos	New York Telephone Company
	Coticchio Doris R	New York Telephone Company
	Eppys Sportswr	New York Telephone Company
1949	Cohen Hyman	New York Telephone Company
	Graham Dept Store Inc	New York Telephone Company
	Klein Carl J b	New York Telephone Company
	Tafuro Jos	New York Telephone Company
1945	Tafuro Jos	New York Telephone
	Nicks Toy Shop	New York Telephone
1940	Raines Curtain & Drapery Shop	New York Telephone
1934	BRIMBERG LOUIS SLSMN H	R. L. Polk & Co.
	BRIMBERG MORRIS R	R. L. Polk & Co.
	BRIMBERG SAML R	R. L. Polk & Co.
1928	BRIMBERG LOUIS R	New York Telephone
	RAINE M DRESS GDS	New York Telephone

711 GRAND

Year	Uses	Source
1997	Itsa Bargin Inc	NYNEX
	Wesley Shops ofe	NYNEX
1992	WESLEY SHOPS OFC	NYNEX Informantion Resource Co.
1985	WESLEY SHOPS OFC	NYNEX Information Resources Company
1976	WESLEY SHOPS OFC	New York Telephone
1960	WESLEY SHOPS OFC	New York Telephone
	Wesley Shops o Fc	New York Telephone Company
1945	Wesley Shops ofc	New York Telephone
1928	CAPLAN BERNARD M SHOES	New York Telephone
	BEN S SHOE STORE	New York Telephone

FINDINGS

712 GRAND

Year	Uses	Source
1940	Singer John G Dr dentist	New York Telephone

713 GRAND

Year	Uses	Source
1960	Seymours Jwlry Shop	New York Telephone Company
	Cohn Seymour jwlry	New York Telephone Company
	COHN SEYMOUR JWLRY	New York Telephone
	SEYMOUR S JWLRY SHOP	New York Telephone
1949	Cohn Seymour jwlry	New York Telephone Company
	Seymours Jwlry Shop	New York Telephone Company
1945	Seymours Jwlry Shop	New York Telephone
	Cohn Seymour jwlry	New York Telephone
1934	SEKLER CHAS M HOSLERY GRAND	R. L. Polk & Co.
1928	SEKLER C M HOSIERY & GLOVES	New York Telephone

714 GRAND

Year	Uses	Source
1997	SANCHEZ Carlos	NYNEX
1992	LOS ANGELES FLOWER SHOP	NYNEX Informantion Resource Co.
1985	MONTOYA JOSE	NYNEX Information Resources Company
	RESTOS FLORIST	NYNEX Information Resources Company
	RESTOS FLORIST	NYNEX Information Resources Company
	TOMMY REY	NYNEX Information Resources Company
1976	FIORILLO FANNIE MRS	New York Telephone
	STEIN S JUVENILE CENTER INC	New York Telephone
1960	CARUSO FRANCES	New York Telephone
	CORTEZ J S	New York Telephone
	DIRNBACH M & O TOYS	New York Telephone
	Caruso Frances	New York Telephone Company
	Cortez J S	New York Telephone Company
	Dirnbach M & O toys	New York Telephone Company
1949	Simon Paul bkry	New York Telephone Company
1945	Simon Paul bkry	New York Telephone
1934	SCHWARTZ JOHN BAKER H DO	R. L. Polk & Co.
1928	SCHWARTZ JOHN BAKERY	New York Telephone

FINDINGS

716 GRAND

Year	Uses	Source
1997	GUADRON Ada C	NYNEX
	GUADRON Jorge C	NYNEX
	Rons Coml Supls Inc	NYNEX
	Sterns Statetry	NYNEX
1992	CANINO L	NYNEX Informantion Resource Co.
	GUADRON JORGE C	NYNEX Informantion Resource Co.
	MAKRESIAS CHRISTOS	NYNEX Informantion Resource Co.
	RONS COML SUPLS INC	NYNEX Informantion Resource Co.
	STERNS STATNRY	NYNEX Informantion Resource Co.
1985	GUADRON JORGE C	NYNEX Information Resources Company
	GUERRA M	NYNEX Information Resources Company
	RONS COML SUPLS INC	NYNEX Information Resources Company
	STERNS STATNRY	NYNEX Information Resources Company
1980	STERN S COML SUPLS INC	New York Telephone
	STERN S STANRY	New York Telephone
1976	STERNS COML SUPLS INC	New York Telephone
	STERNS STATNRY	New York Telephone
1960	Criesl Patk L	New York Telephone Company
	Peters Claire Mrs	New York Telephone Company
	Sterns Coml Supls Inc	New York Telephone Company
	Sterns Statnry	New York Telephone Company
	Tafuro Joe P	New York Telephone Company
	Tallarico Frank S	New York Telephone Company
	Carney Anna Mrs	New York Telephone Company
	TALLARICO FRANK S	New York Telephone
	TAFURO JOE P	New York Telephone
	STERN S STATNRY	New York Telephone
	STERN S COML SUPLS INC	New York Telephone
	PETERS CLAIRE MRS	New York Telephone
	CARNEY ANNA MRS	New York Telephone
	CRIESL PATK L	New York Telephone
1949	Ferraro Carmelo J	New York Telephone Company
	Muller Philip W	New York Telephone Company
	Sterns Stationers Inc	New York Telephone Company
1945	Stern Herman statnry	New York Telephone
1940	Grubman Bros	New York Telephone
1934	TRUCKIO PHILIP R	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1934	TRUCKIO JOHN R	R. L. Polk & Co.
	TRUCKIO ANTHONY LAB H	R. L. Polk & Co.
	PEREZ ANTHONY GLAZIER H	R. L. Polk & Co.
	NORTON WM DRY CLNR H	R. L. Polk & Co.
	NORTON ALICE CLK R	R. L. Polk & Co.
	GRUBMAN BROS STATIONERS	R. L. Polk & Co.
	FREESE JOHN JR STUDENT R	R. L. Polk & Co.
	FREESE JOHN WTCHMN H	R. L. Polk & Co.
	DIGILLO RALPH R	R. L. Polk & Co.
1928	GRUBMAN BROS	New York Telephone

717 GRAND

Year	Uses	Source
1992	A T S TRAVEL SVC INC	NYNEX Informantion Resource Co.
1985	A T S TRAVEL SVC INC	NYNEX Information Resources Company
1976	MASTRANGELO VINCENT	New York Telephone
1960	Polly Preston Shoes	New York Telephone Company
	Moskowitz Theo	New York Telephone Company
	Hymans Treadeasy shoes	New York Telephone Company
	POLLY PRESTON SHOES	New York Telephone
	MOSKOWITZ THEO	New York Telephone
	HYMAN S TREADEASY SHOES	New York Telephone
1949	Levinton Saul	New York Telephone Company
	Hyman Julius shoes	New York Telephone Company
	Aronoff & Hyman shoes	New York Telephone Company
1945	Aronoff & Hyman shoes	New York Telephone
1940	Aronoff & Hyman shoer	New York Telephone
1934	SHAPIRO SAML H	R. L. Polk & Co.
	SACKS SOL R	R. L. Polk & Co.
	SACKS RUTH R	R. L. Polk & Co.
	RAYMOND MAURICE JWLR	R. L. Polk & Co.
1928	WORONOV HARRY J JWLRY	New York Telephone

719 GRAND

Year	Uses	Source
1997	Kings Optical Center	NYNEX
	MELLA PAULA M dentist	NYNEX
	Rabin Sheldon MD PC MD	NYNEX
	Rabin Sheldon MD PC FACS	NYNEX

FINDINGS

Year	Uses	Source
1997	Sacks Evan H MD PC	NYNEX
	Shah Jayesh MD	NYNEX
	Admiral Marcel M MD	NYNEX
1992	SHAH JAYESH M D	NYNEX Informantion Resource Co.
	MEHTA HARSHA D DDS	NYNEX Informantion Resource Co.
1985	SHAH JAYESH MD	NYNEX Information Resources Company
	JONES GLORIA DDS	NYNEX Information Resources Company
	HARRICO GRAND DRUGS & SURGICALS	NYNEX Information Resources Company
1980	THOM MC AN SHOE STORE	New York Telephone
1976	THOM MC AN SHOE STORE	New York Telephone
1934	MEN S WOMEN S AND BOYS SHOES	R. L. Polk & Co.
1928	PEERLESS HAT STORES	New York Telephone

GRAND E

717 GRAND E

Year	Uses	Source
1960	ROSINSKY SAM	New York Telephone

GRAND 3318 2 S

719 GRAND 3318 2 S

Year	Uses	Source
1997	Magramm Irene MD	NYNEX

GRAND AV RIDGEFIELD NJ st

700 GRAND AV RIDGEFIELD NJ st

Year	Uses	Source
1970	Internatl Div	New York Telephone
	Three Little Chicks Inc	New York Telephone
	Chemcl Div Industrl	New York Telephone
	Three Little Chicks Inc	New York Telephone

GRAND AV RIDGEFIELD NJ St

700 GRAND AV RIDGEFIELD NJ St

Year	Uses	Source
1965	Three Little Chicks Inc	New York Telephone
	Genl Offices	New York Telephone

FINDINGS

Year	Uses	Source
1965	Three Little Chicks Inc	New York Telephone
	Chemcl Div Industrl	New York Telephone
	Internalt Div	New York Telephone
	Three Little Chicks Inc	New York Telephone

GRAND AVE

700 GRAND AVE

Year	Uses	Source
1934	LICARL LOUIS LAB H	R. L. Polk & Co.

711 GRAND AVE

Year	Uses	Source
1973	Delavello Thos	New York Telephone

713 GRAND AVE

Year	Uses	Source
1985	DE LAVELLO THOS	NYNEX Information Resources Company

714 GRAND AVE

Year	Uses	Source
1970	Krasner Nancy	New York Telephone

720 GRAND AVE

Year	Uses	Source
1960	BRISK WATRPRFG CO	New York Telephone

710A GRAND AVE

Year	Uses	Source
1934	GEIGENBACH JOHN PORTER R	R. L. Polk & Co.

GRAND H

703 GRAND H

Year	Uses	Source
1934	JACOBSEN ROSE MRS DRY GDS DO	R. L. Polk & Co.

709 GRAND H

Year	Uses	Source
1934	RAINE MAX CURTAINS DO	R. L. Polk & Co.

FINDINGS

GRAND ST

700 GRAND ST

Year	Uses	Source
2013	RAMON CASEIES CHURCH	Cole Information Services
	LM ORTHODONTISTS	Cole Information Services
	HIMAL NAILS SPA INC	Cole Information Services
2008	LAURA MARTIN DDS	Cole Information Services
2005	L M Orthodontics I	Hill-Donnelly Corporation
	Martin Laura T DDS	Hill-Donnelly Corporation
2000	L M ORTHODONTICS	Cole Information Services
1992	L M ORTHODONTICS	NYNEX Informantion Resource Co.

GRAND st

700 GRAND st

Year	Uses	Source
1973	Jimmys Barber Shop	New York Telephone
	New Diamond Restrnt	New York Telephone
1970	Shapiros Corset Shop Inc	New York Telephone
	Anns Speciality Shop	New York Telephone

GRAND St

700 GRAND St

Year	Uses	Source
1965	Shapiros Corset Shop Inc	New York Telephone
	Anns Speciality Shop	New York Telephone

GRAND ST

701 GRAND ST

Year	Uses	Source
2005	99 Cents & Up	Hill-Donnelly Corporation
2000	STORE SIXTEEN INC	Cole Information Services
1992	HEINS IRVING JWLR	NYNEX Informantion Resource Co.
1985	LIPTON JEWELERS	NYNEX Information Resources Company
	HEINS IRVING JWLR	NYNEX Information Resources Company
1976	LIPTON JEWELERS	New York Telephone
	HEINS IRVING JWLR	New York Telephone
1973	Lipton Jeweles	New York Telephone

FINDINGS

Year	Uses	Source
1973	Heins Irving jwlr	New York Telephone
1970	Lipton Jewelers	New York Telephone

GRAND St

701 GRAND St

Year	Uses	Source
1965	Lipton Jewelers	New York Telephone
	Heins Irving jwlr	New York Telephone

GRAND ST

702 GRAND ST

Year	Uses	Source
2013	LOCKSMITH EXPRESS	Cole Information Services
	CHICOS PIZZA & TACOS STAND	Cole Information Services
	7 DAY 24 HOUR EMERGENCY LOCKSMITH	Cole Information Services
2008	CHICOS PIZZA & TACOS STAND	Cole Information Services
2005	h Munera Rubby	Hill-Donnelly Corporation
	Dawa Tsering	Hill-Donnelly Corporation
	J V Taco Stand	Hill-Donnelly Corporation
	Mcconnell Martha	Hill-Donnelly Corporation
	Chicos Izza & Tacos Stand	Hill-Donnelly Corporation
2000	NILDA DIAZ	Cole Information Services
	RUBBY MUNERA	Cole Information Services
	JULIET NANEA	Cole Information Services
	TENZIN PALJOR	Cole Information Services

GRAND st

702 GRAND st

Year	Uses	Source
1973	Iacona A I	New York Telephone
	Gorkiewicz Mary Mrs	New York Telephone
	Pauls Delcatesn	New York Telephone
	Rodan Laura	New York Telephone
	I & Z Svce Center Inc	New York Telephone
	Iacona A M	New York Telephone
	Soto Raul	New York Telephone

FINDINGS

Year	Uses	Source
1973	I & Z Svce Center Inc	New York Telephone
1970	Cappellino Jos	New York Telephone
	Lindon Albert C	New York Telephone
	Pauls Delcatesn	New York Telephone
	Gorkiewicz Mary Mrs	New York Telephone

GRAND St

702 GRAND St

Year	Uses	Source
1965	Lindon Albert C	New York Telephone
	Arcuri Irene	New York Telephone
	Cappellino Jos	New York Telephone
	Lagary Alfred T	New York Telephone
	Pauls Delcateon	New York Telephone

GRAND ST

703 GRAND ST

Year	Uses	Source
2005	No Current Listing	Hill-Donnelly Corporation
2000	LINDA STEIN	Cole Information Services
	O NEGRON	Cole Information Services
	E CLOSSIN	Cole Information Services

GRAND st

703 GRAND st

Year	Uses	Source
1973	Tafuro Dominic	New York Telephone
1970	Tafuro Dominic	New York Telephone

GRAND St

703 GRAND St

Year	Uses	Source
1965	Tafuro Dominic	New York Telephone

FINDINGS

GRAND ST

704 GRAND ST

Year	Uses	Source
2013	NUEVEO PRIMO RESTAURANT	Cole Information Services
	LOCKSMITH EXPRESS	Cole Information Services
	7 DAY 24 HOUR EMERGENCY LOCKSMITH	Cole Information Services
2008	NUEVO PRIMO RESTAURANT	Cole Information Services
2005	All Day Emergency Locksmith	Hill-Donnelly Corporation
	Los Premos Restaurant	Hill-Donnelly Corporation
2000	LOS PRIMOS RSTRNT	Cole Information Services
	ROBERTO ZARATE	Cole Information Services
	MENDEZ REYNA	Cole Information Services
	LISA DANDANARENA	Cole Information Services
	FRANCISCO ALVAREZ	Cole Information Services

GRAND st

704 GRAND st

Year	Uses	Source
1973	Tafuro J bar & gril	New York Telephone
	Francipane Anthony	New York Telephone
	Keller Henry	New York Telephone
	Loganzo Tony	New York Telephone
1970	Keller Henry	New York Telephone
	Loganzo Tony	New York Telephone
	Francipane Anthony	New York Telephone
	Falco G restrnt	New York Telephone

GRAND St

704 GRAND St

Year	Uses	Source
1965	Braehmer Frances	New York Telephone
	Falco C restrnt	New York Telephone
	Francipane Anthony	New York Telephone
	Loganzo Tony	New York Telephone
	Vitale Gloria	New York Telephone

FINDINGS

GRAND ST

705 GRAND ST

Year	Uses	Source
2013	CHILDRENS PLAYWORLD INC	Cole Information Services
2005	Childrens Playworld Inc	Hill-Donnelly Corporation
2000	CHLDRNS PLAYWORLD	Cole Information Services

GRAND st

705 GRAND st

Year	Uses	Source
1973	Bruckheimer M Sons Inc pwnbrbkrs	New York Telephone
1970	BRUCKHEIMER M SONS INC pwnbrkrs	New York Telephone

GRAND St

705 GRAND St

Year	Uses	Source
1965	BRUCKHEIMER M SONS INC pwnbrkrs	New York Telephone

GRAND ST

706 GRAND ST

Year	Uses	Source
2008	GRAND VARIETY OF BROOKLYN	Cole Information Services
2005	Grand Variety	Hill-Donnelly Corporation
	h Yangas Julia	Hill-Donnelly Corporation
	h Andrade Blanca	Hill-Donnelly Corporation
	Capalia Ann	Hill-Donnelly Corporation
2000	2L JULIA YANGAS	Cole Information Services
	JAIME ANDRADE	Cole Information Services
	ZOILA CURET	Cole Information Services
	GRAND VARIETY	Cole Information Services
1997	P R P Auto Insurance	NYNEX
1992	CRUZ SONIA	NYNEX Informantion Resource Co.

FINDINGS

GRAND st

706 GRAND st

Year	Uses	Source
1973	Bissonette Patrick	New York Telephone
1970	Di Nuzzo Antimo	New York Telephone

GRAND St

706 GRAND St

Year	Uses	Source
1965	Cappiello Radio & Elec Applnce Co	New York Telephone
	Ilardi Jos Applnce Co	New York Telephone
	Lofstedt Geo	New York Telephone
	Neri Giuseppe	New York Telephone
	Petruccello Anthony	New York Telephone
	Tizzano Angelo J	New York Telephone
	Cappiello Frank	New York Telephone

GRAND ST

709 GRAND ST

Year	Uses	Source
2013	GRAND HOME DECORATORS	Cole Information Services
	BARON MEDICAL SUPPLY	Cole Information Services
2005	Grand Home Decorators	Hill-Donnelly Corporation
2000	GRAND HOME DCRTRS	Cole Information Services
	JUAN ROSA	Cole Information Services

GRAND st

709 GRAND st

Year	Uses	Source
1973	Schwartz Saul	New York Telephone
	Eppys Sportswr	New York Telephone
1970	Eppys Sportswr	New York Telephone
	Schwartz Saul	New York Telephone

FINDINGS

GRAND St

709 GRAND St

Year	Uses	Source
1965	Eppys Sportswr	New York Telephone
	Epstein Seymour	New York Telephone

GRAND ST

711 GRAND ST

Year	Uses	Source
2013	ELECTRONICS REPAIR CENTER	Cole Information Services
2008	ELECTRONICS REPAIR CENTER	Cole Information Services
2005	Electronics Repair Ctr	Hill-Donnelly Corporation
2000	WESLEY SHOPS	Cole Information Services
	ITSA BARGAIN INC	Cole Information Services

GRAND st

711 GRAND st

Year	Uses	Source
1970	Wesley Shops oft	New York Telephone

GRAND St

711 GRAND St

Year	Uses	Source
1965	Wesley Shops ofc	New York Telephone

713 GRAND St

Year	Uses	Source
1965	Cohn Seymour jwiry	New York Telephone
	Seymours Jwlry Shop	New York Telephone

GRAND ST

714 GRAND ST

Year	Uses	Source
2008	FLORES DE VALLE	Cole Information Services
2005	h Carchi Jose	Hill-Donnelly Corporation
	Salse Enrlque	Hill-Donnelly Corporation

FINDINGS

Year	Uses	Source
2005	h Belahonia Josefa	Hill-Donnelly Corporation
	Flores De Valle i	Hill-Donnelly Corporation
	h Rosillo Manuel S	Hill-Donnelly Corporation
2000	FLORES DE VALLE	Cole Information Services
	MANUEL S ROSILLO	Cole Information Services
	JOSE CARCHL	Cole Information Services
	JOSEFA BELAHONIA	Cole Information Services

GRAND st

714 GRAND st

Year	Uses	Source
1973	Steins Juvenile Center Inc	New York Telephone
1970	Steins Juvenile Center Inc	New York Telephone
	Fiorillo Fannie Mrs	New York Telephone

GRAND St

714 GRAND St

Year	Uses	Source
1965	Dirobach M & O toys	New York Telephone
	Shumon Dorothy	New York Telephone
	Fiorillo Fannie Mrs	New York Telephone

GRAND ST

716 GRAND ST

Year	Uses	Source
2013	MONICAS THREADING SALON	Cole Information Services
	VERSALY JEWELRY	Cole Information Services
2008	SABOR LATINO	Cole Information Services
2005	Sabor Latino	Hill-Donnelly Corporation
	Maria Gil	Hill-Donnelly Corporation
	Kim Chul Yong	Hill-Donnelly Corporation
2000	SABOR LATINO	Cole Information Services
	CEDENO DRIVE SCHL	Cole Information Services
	GERARDO MENDOZA	Cole Information Services

FINDINGS

GRAND st

716 GRAND st

Year	Uses	Source
1973	Sterns Statnry	New York Telephone
	Sobel Jo Ann	New York Telephone
	Sterns Coml Supls Inc	New York Telephone
1970	Criesr Patk L	New York Telephone
	Sterns Coml Supls Inc	New York Telephone
	Sterns Statnry	New York Telephone

GRAND St

716 GRAND St

Year	Uses	Source
1965	Criesi Patk L	New York Telephone
	Sterns Coml Supls Inc	New York Telephone
	Sterns Statnry	New York Telephone
	Tafuro Jos P	New York Telephone
	Zarzano Catherine	New York Telephone

GRAND ST

717 GRAND ST

Year	Uses	Source
2013	SUBWAY SANDWICHES	Cole Information Services
2008	SUBWAY	Cole Information Services
2005	Donut Connection i	Hill-Donnelly Corporation
	Hershey Ice Cream	Hill-Donnelly Corporation
	Subway Sandwiches & Salads	Hill-Donnelly Corporation
2000	L SCHWARTZ	Cole Information Services
	DUNKIN DNTS & BSKN	Cole Information Services

GRAND st

717 GRAND st

Year	Uses	Source
1973	Mastrangelo Vincent	New York Telephone
1970	Rosinsky Sam	New York Telephone
	Mastrangelo Vincent	New York Telephone

FINDINGS

GRAND St

717 GRAND St

Year	Uses	Source
1965	Polly Preston Shoes	New York Telephone
	Rosinsky Sam	New York Telephone
	Hymans Treadeasy shoes	New York Telephone
	Mastrangelo Vincent	New York Telephone

GRAND ST

719 GRAND ST

Year	Uses	Source
2013	RABIN SHELDON MD FACS	Cole Information Services
2008	SHELDON RABIN MD PC	Cole Information Services
	NEW YORK EYE CARE	Cole Information Services
2005	Weiliao Jennifer MD	Hill-Donnelly Corporation
	Rabin Sheldon MD	Hill-Donnelly Corporation
	Kings Optical Ctr P	Hill-Donnelly Corporation
	Fishkin Joseph MD	Hill-Donnelly Corporation
	Guerriero Paul N MD	Hill-Donnelly Corporation
2000	RABIN SHIDN MD PC	Cole Information Services
	RABIN SHLDN MD PC	Cole Information Services
	KINGS OPTICAL CTR	Cole Information Services

GRAND st

719 GRAND st

Year	Uses	Source
1973	Thom Mc An Shoe Store	New York Telephone

GRAND ST

720 GRAND ST

Year	Uses	Source
2008	24 HOURS EXPRESS DELI GROCERY CORP	Cole Information Services

FINDINGS

GRANT

717 GRANT

Year	Uses	Source
1934	SACKS SAML ASST TREAS BIALYSTOKER BLKUS CHOLLINE OF BKN INC H	R. L. Polk & Co.

GRANT AVE

700 GRANT AVE

Year	Uses	Source
1934	LICARL ANTHONY HLPR R	R. L. Polk & Co.
	LICARL JOHN CARP R	R. L. Polk & Co.

701 GRANT AVE

Year	Uses	Source
1934	LALICATA PAUL CLO PRESSOR R	R. L. Polk & Co.
	LALICATA KATH MACH OPR R	R. L. Polk & Co.
	LALICATA JOS CARP H	R. L. Polk & Co.
	LALICATA FRANK HLPR R	R. L. Polk & Co.

702 GRANT AVE

Year	Uses	Source
1934	FRISCIO ANTHONY LAB H	R. L. Polk & Co.
	FRISCIO JOS CLK R	R. L. Polk & Co.
	MESSINA ANTHONY LAB H	R. L. Polk & Co.

706 GRANT AVE

Year	Uses	Source
1934	JANSEN DORA TCH PS 87 H	R. L. Polk & Co.

718 GRANT AVE

Year	Uses	Source
1934	DIMARO JES TAXI DRIVER R	R. L. Polk & Co.

FINDINGS

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched	Address Not Identified in Research Source
710 GRAND STREET	1940

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched	Address Not Identified in Research Source
700 GRAND	2013, 2008, 2005, 2000, 1980, 1973, 1970, 1965, 1949, 1940
700 GRAND AV RIDGEFIELD NJ St	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1960, 1949, 1945, 1940, 1934, 1928
700 GRAND AV RIDGEFIELD NJ st	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1965, 1960, 1949, 1945, 1940, 1934, 1928
700 GRAND AVE	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928
700 GRAND ST	2013, 2008, 1997, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
700 GRAND St	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1960, 1949, 1945, 1940, 1934, 1928
700 GRAND st	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1965, 1960, 1949, 1945, 1940, 1934, 1928
700 GRAND ST	2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
700 GRANT AVE	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928
701 GRAND	2013, 2008, 2005, 2000, 1997, 1985, 1980, 1976, 1973, 1970, 1965
701 GRAND ST	2013, 2008, 1997, 1980, 1965, 1960, 1949, 1945, 1940, 1934, 1928
701 GRAND St	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1960, 1949, 1945, 1940, 1934, 1928
701 GRANT AVE	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928
702 GRAND	2013, 2008, 2005, 2000, 1980, 1973, 1970, 1965, 1945
702 GRAND ST	2013, 2008, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
702 GRAND St	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1960, 1949, 1945, 1940, 1934, 1928
702 GRAND st	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1965, 1960, 1949, 1945, 1940, 1934, 1928
702 GRAND ST	2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

FINDINGS

Address Researched	Address Not Identified in Research Source
702 GRANT AVE	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928
703 GRAND	2013, 2008, 2005, 2000, 1997, 1973, 1970, 1965, 1949, 1945, 1940
703 GRAND H	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928
703 GRAND ST	2013, 2008, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
703 GRAND St	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1960, 1949, 1945, 1940, 1934, 1928
703 GRAND st	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1965, 1960, 1949, 1945, 1940, 1934, 1928
704 GRAND	2013, 2008, 2005, 2000, 1973, 1970, 1965
704 GRAND ST	2013, 2008, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
704 GRAND St	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1960, 1949, 1945, 1940, 1934, 1928
704 GRAND st	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1965, 1960, 1949, 1945, 1940, 1934, 1928
704 GRAND ST	2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
705 GRAND	2013, 2008, 2005, 2000, 1976, 1973, 1970, 1965, 1940
705 GRAND ST	2013, 2008, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
705 GRAND St	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1960, 1949, 1945, 1940, 1934, 1928
705 GRAND st	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1965, 1960, 1949, 1945, 1940, 1934, 1928
705 GRAND ST	2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
706 GRAND	2013, 2008, 2005, 2000, 1980, 1973, 1970, 1965
706 GRAND ST	2013, 2008, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
706 GRAND St	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1960, 1949, 1945, 1940, 1934, 1928
706 GRAND st	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1965, 1960, 1949, 1945, 1940, 1934, 1928
706 GRAND ST	2013, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
706 GRANT AVE	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928
708 GRAND	2013, 2008, 2005, 2000, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
709 GRAND	2013, 2008, 2005, 2000, 1980, 1973, 1970, 1965
709 GRAND H	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928

FINDINGS

Address Researched	Address Not Identified in Research Source
709 GRAND ST	2013, 2008, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
709 GRAND St	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1960, 1949, 1945, 1940, 1934, 1928
709 GRAND st	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1965, 1960, 1949, 1945, 1940, 1934, 1928
709 GRAND ST	2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
710A GRAND AVE	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928
711 GRAND	2013, 2008, 2005, 2000, 1980, 1973, 1970, 1965, 1949, 1940, 1934
711 GRAND AVE	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
711 GRAND ST	2013, 2008, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
711 GRAND St	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1960, 1949, 1945, 1940, 1934, 1928
711 GRAND st	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1965, 1960, 1949, 1945, 1940, 1934, 1928
711 GRAND ST	2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
712 GRAND	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1934, 1928
713 GRAND	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1940
713 GRAND AVE	2013, 2008, 2005, 2000, 1997, 1992, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
713 GRAND St	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1960, 1949, 1945, 1940, 1934, 1928
714 GRAND	2013, 2008, 2005, 2000, 1980, 1973, 1970, 1965, 1940
714 GRAND AVE	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1965, 1960, 1949, 1945, 1940, 1934, 1928
714 GRAND ST	2013, 2008, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
714 GRAND St	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1960, 1949, 1945, 1940, 1934, 1928
714 GRAND st	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1965, 1960, 1949, 1945, 1940, 1934, 1928
714 GRAND ST	2013, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
716 GRAND	2013, 2008, 2005, 2000, 1973, 1970, 1965
716 GRAND ST	2013, 2008, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
716 GRAND St	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1960, 1949, 1945, 1940, 1934, 1928
716 GRAND st	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1965, 1960, 1949, 1945, 1940, 1934, 1928

FINDINGS

Address Researched	Address Not Identified in Research Source
716 GRAND ST	2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
717 EX GRAND ST	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1949, 1945, 1940, 1934, 1928
717 GRAND	2013, 2008, 2005, 2000, 1997, 1980, 1973, 1970, 1965
717 GRAND E	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1949, 1945, 1940, 1934, 1928
717 GRAND ST	2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
717 GRAND ST	2013, 2008, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
717 GRAND St	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1960, 1949, 1945, 1940, 1934, 1928
717 GRAND st	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1965, 1960, 1949, 1945, 1940, 1934, 1928
717 GRANT	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928
718 GRANT AVE	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928
719 GRAND	2013, 2008, 2005, 2000, 1973, 1970, 1965, 1960, 1949, 1945, 1940
719 GRAND 3318 2 S	2013, 2008, 2005, 2000, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
719 GRAND ST	2013, 2008, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
719 GRAND st	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
719 GRAND ST	2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
720 GRAND AVE	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1949, 1945, 1940, 1934, 1928
720 GRAND ST	2013, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

M14602

710 GRAND STREET

Brooklyn, NY 11206

Inquiry Number: 4556130.4

March 04, 2016

EDR Historical Topo Map Report

with QuadMatch™

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

03/04/16

Site Name:	Client Name:
M14602	Merritt Environmental Consulting
710 GRAND STREET	77 Arkay Drive
Brooklyn, NY 11206	Hauppauge, NY 11788
EDR Inquiry # 4556130.4	Contact: SCOTT E DEVINE

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Merritt Environmental Consulting Corp. were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:		***Coordinates:***	
Site Name:	M14602	**Latitude:**	40.711358 40° 42' 41" North
Address:	710 GRAND STREET	**Longitude:**	-73.944328 -73° 56' 40" West
City,State,Zip:	Brooklyn, NY 11206	**UTM Zone:**	Zone 18 North
P.O.#	NA	**UTM X Meters:**	589170.58
Project:	M14602	**UTM Y Meters:**	4507251.71
		Elevation:	38.00' above sea level

Maps Provided:

2013	1897
1995	
1979	
1967	
1956	
1947	
1900	
1898	

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Topo Sheet Thumbnails

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2013 Source Sheets

Brooklyn
2013
7.5-minute, 24000

1995 Source Sheets

Brooklyn
1995
7.5-minute, 24000
Photo Inspected 1995
Aerial Photo Revised 1977

1979 Source Sheets

Brooklyn
1979
7.5-minute, 24000
Photo Revised 1979
Aerial Photo Revised 1977

1967 Source Sheets

Brooklyn
1967
7.5-minute, 24000
Aerial Photo Revised 1966
Edited 1966

Topo Sheet Thumbnails

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1956 Source Sheets

Brooklyn
1956
7.5-minute, 24000

1947 Source Sheets

Brooklyn
1947
7.5-minute, 24000
Aerial Photo Revised 1940

1900 Source Sheets

Brooklyn
1900
15-minute, 62500

1898 Source Sheets

Brooklyn
1898
15-minute, 62500

Topo Sheet Thumbnails

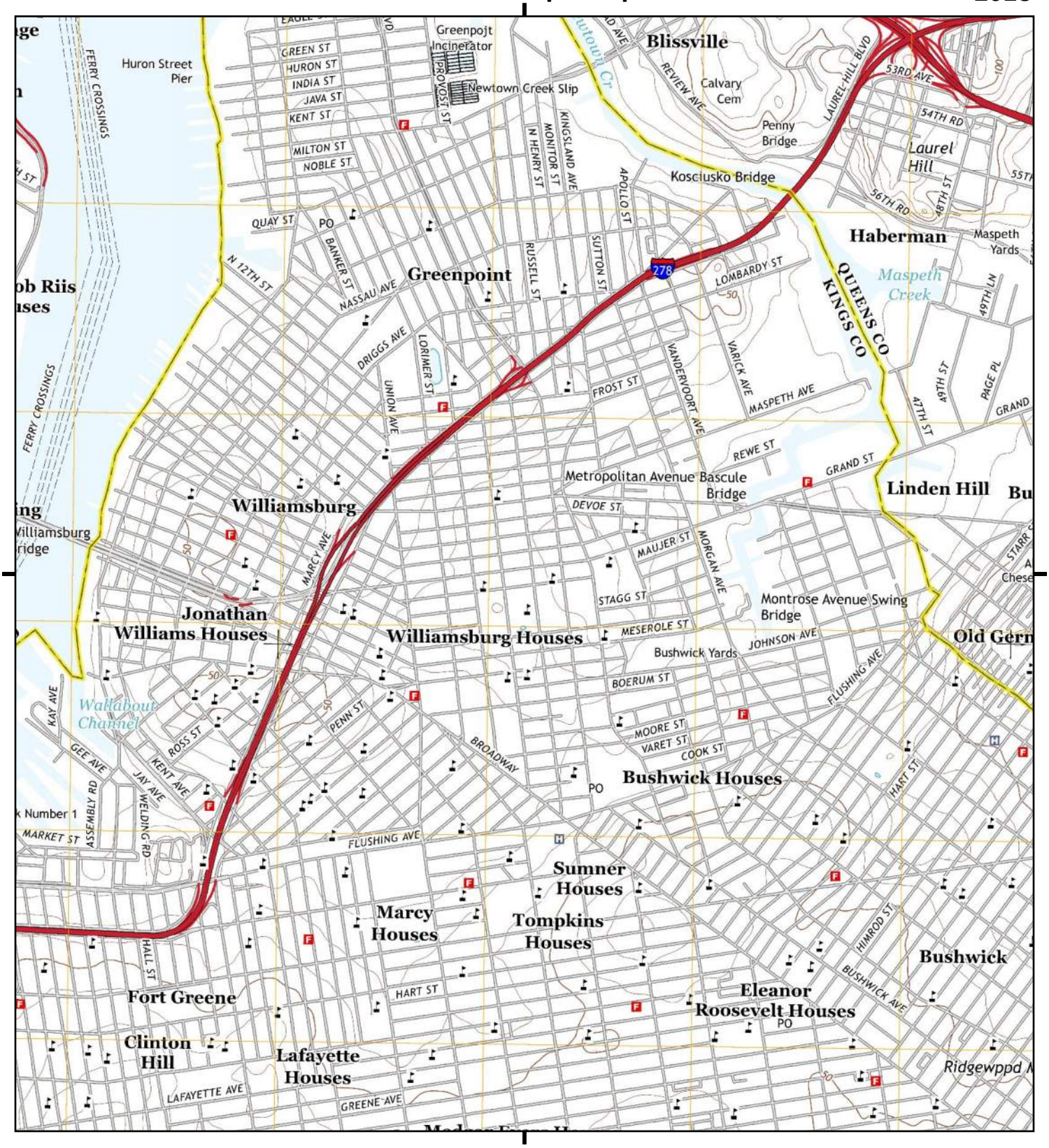
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1897 Source Sheets

Brooklyn
1897
15-minute, 62500

Historical Topo Map

2013



This report includes information from the following map sheet(s).

Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

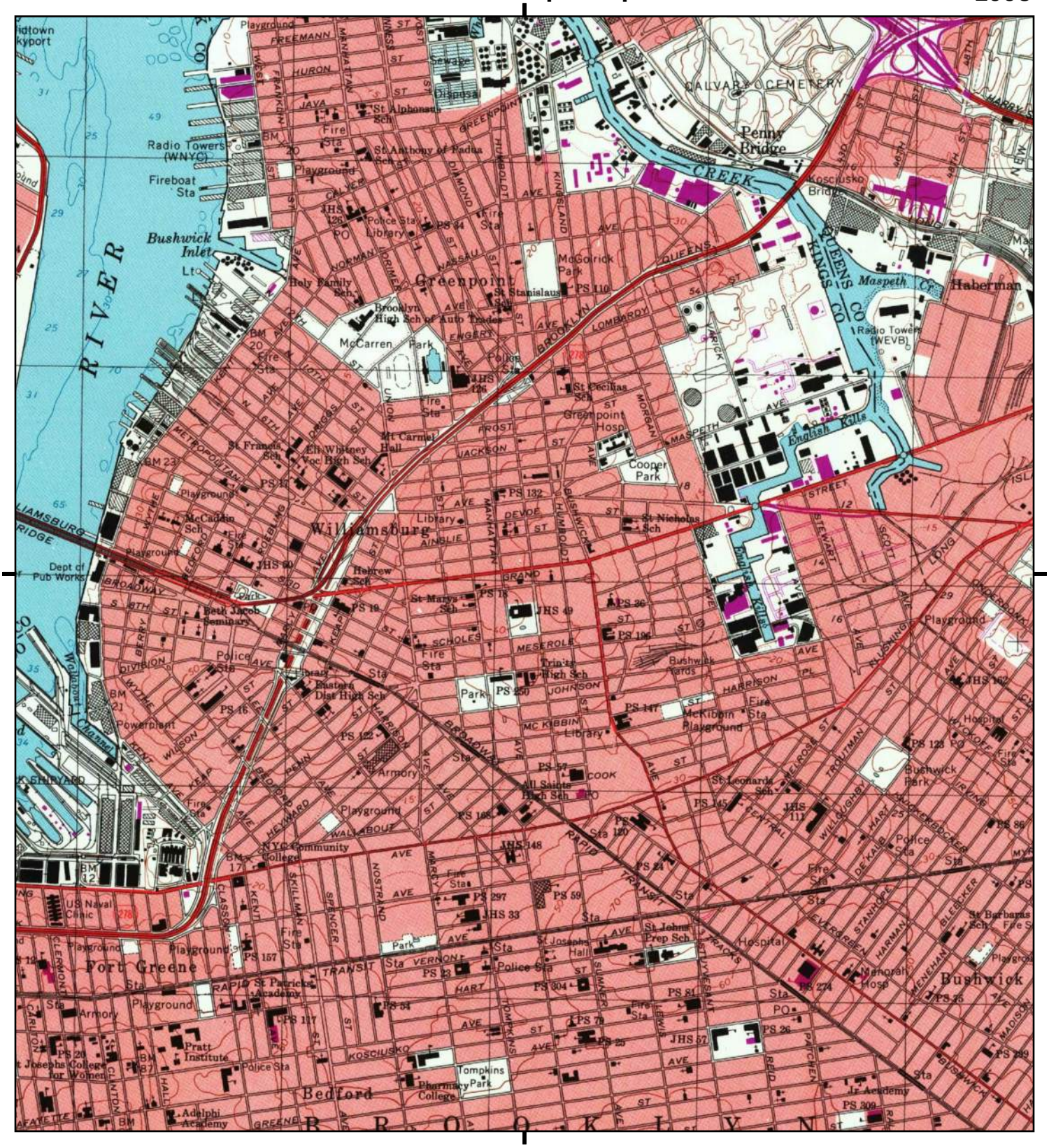
TP, Brooklyn, 2013, 7.5-minute

SITE NAME: M14602
ADDRESS: 710 GRAND STREET
Brooklyn, NY 11206
CLIENT: Merritt Environmental Consulting Corp.

N

Historical Topo Map

1995



This report includes information from the following map sheet(s).

Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

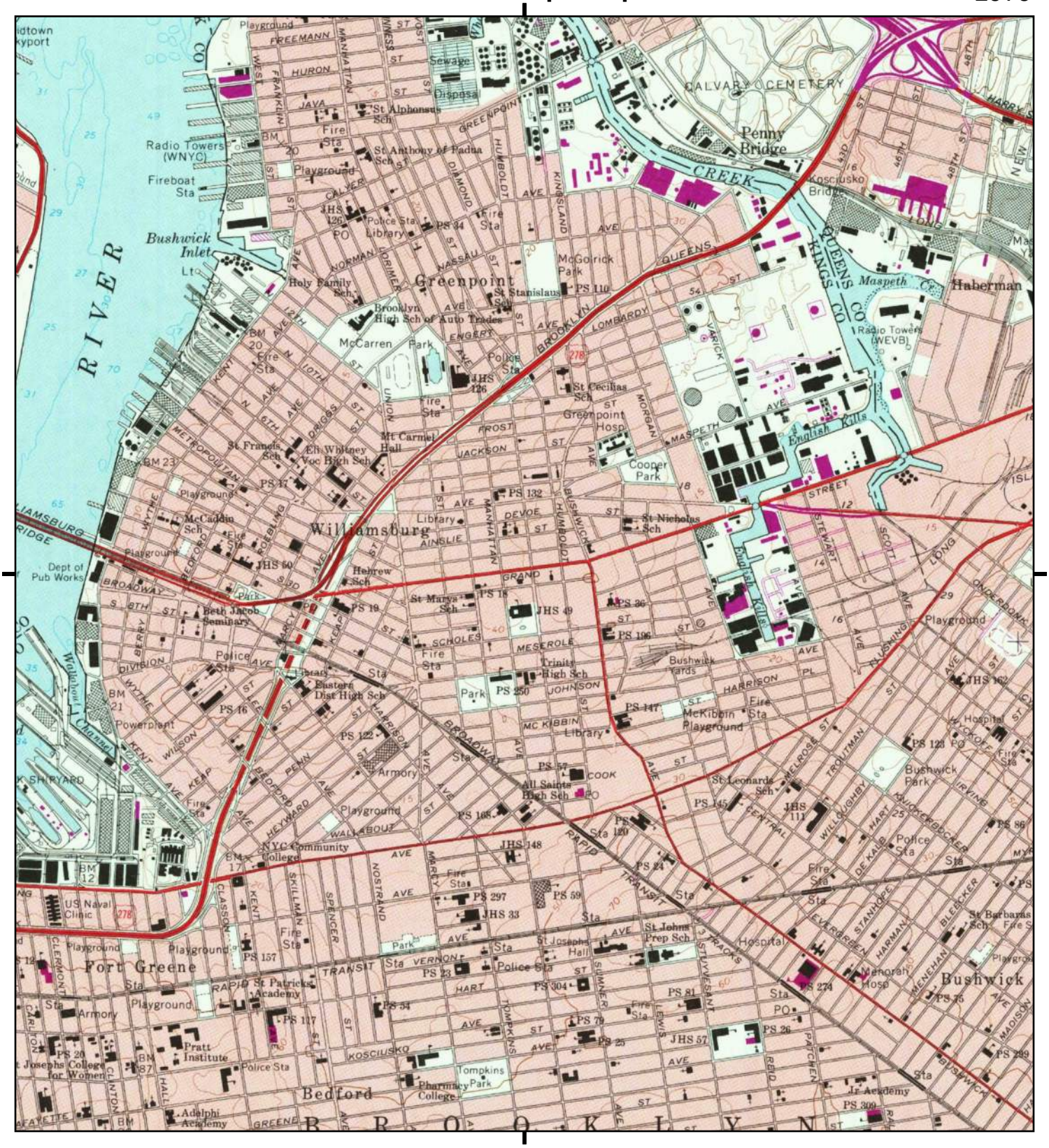
TP, Brooklyn, 1995, 7.5-minute

SITE NAME: M14602
ADDRESS: 710 GRAND STREET
Brooklyn, NY 11206
CLIENT: Merritt Environmental Consulting Corp.

N

Historical Topo Map

1979



This report includes information from the following map sheet(s).

Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Brooklyn, 1979, 7.5-minute

SITE NAME: M14602
ADDRESS: 710 GRAND STREET
Brooklyn, NY 11206
CLIENT: Merritt Environmental Consulting Corp.

N

Historical Topo Map

1967

This report includes information from the following map sheet(s).

Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Brooklyn, 1967, 7.5-minute

SITE NAME: M14602
ADDRESS: 710 GRAND STREET
Brooklyn, NY 11206
CLIENT: Merritt Environmental Consulting Corp.

N

Historical Topo Map

1956

This report includes information from the following map sheet(s).

Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

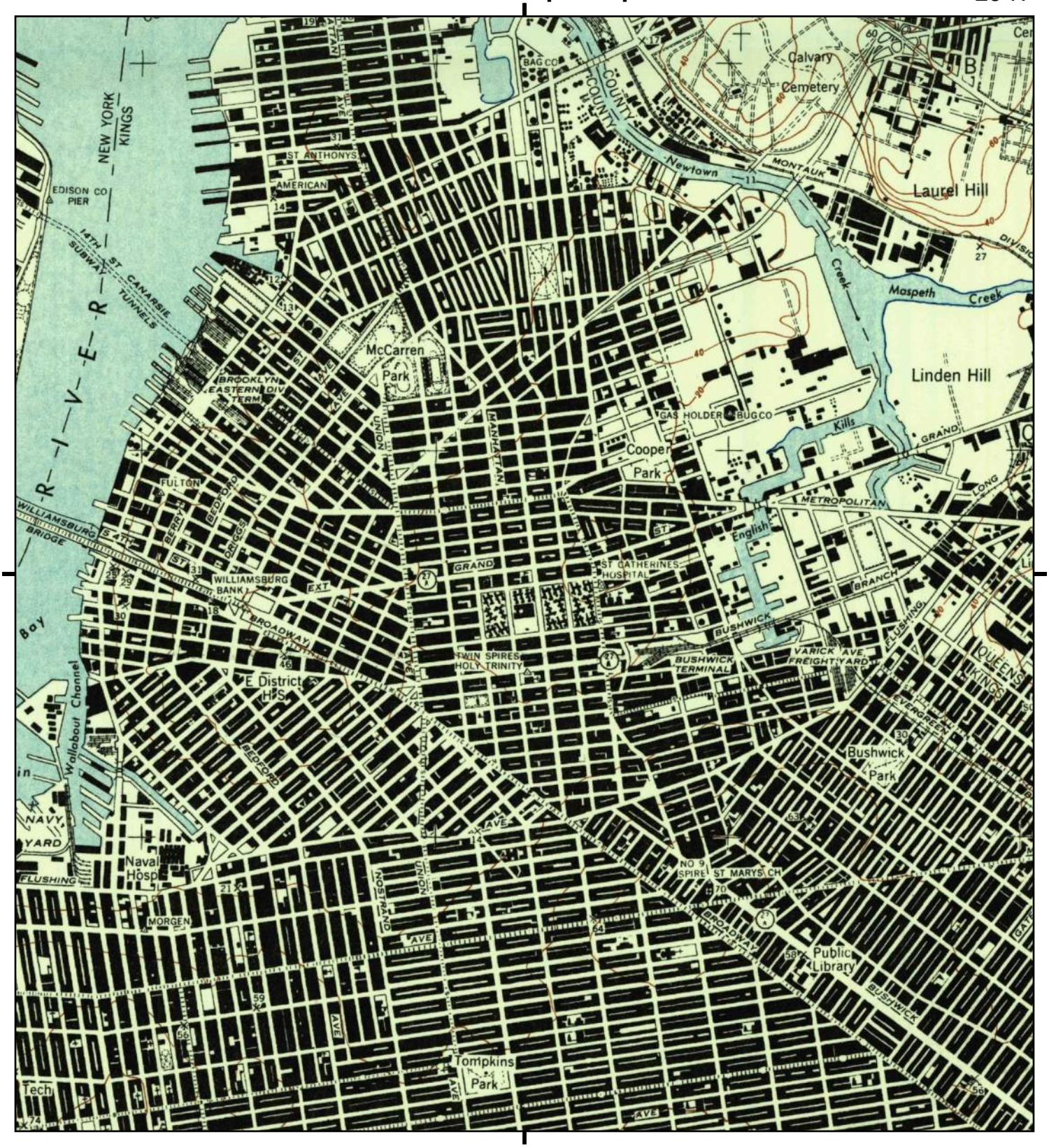
TP, Brooklyn, 1956, 7.5-minute

SITE NAME: M14602
ADDRESS: 710 GRAND STREET
Brooklyn, NY 11206
CLIENT: Merritt Environmental Consulting Corp.

N

Historical Topo Map

1947



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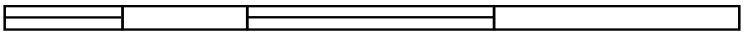
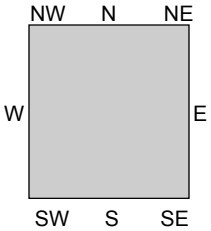


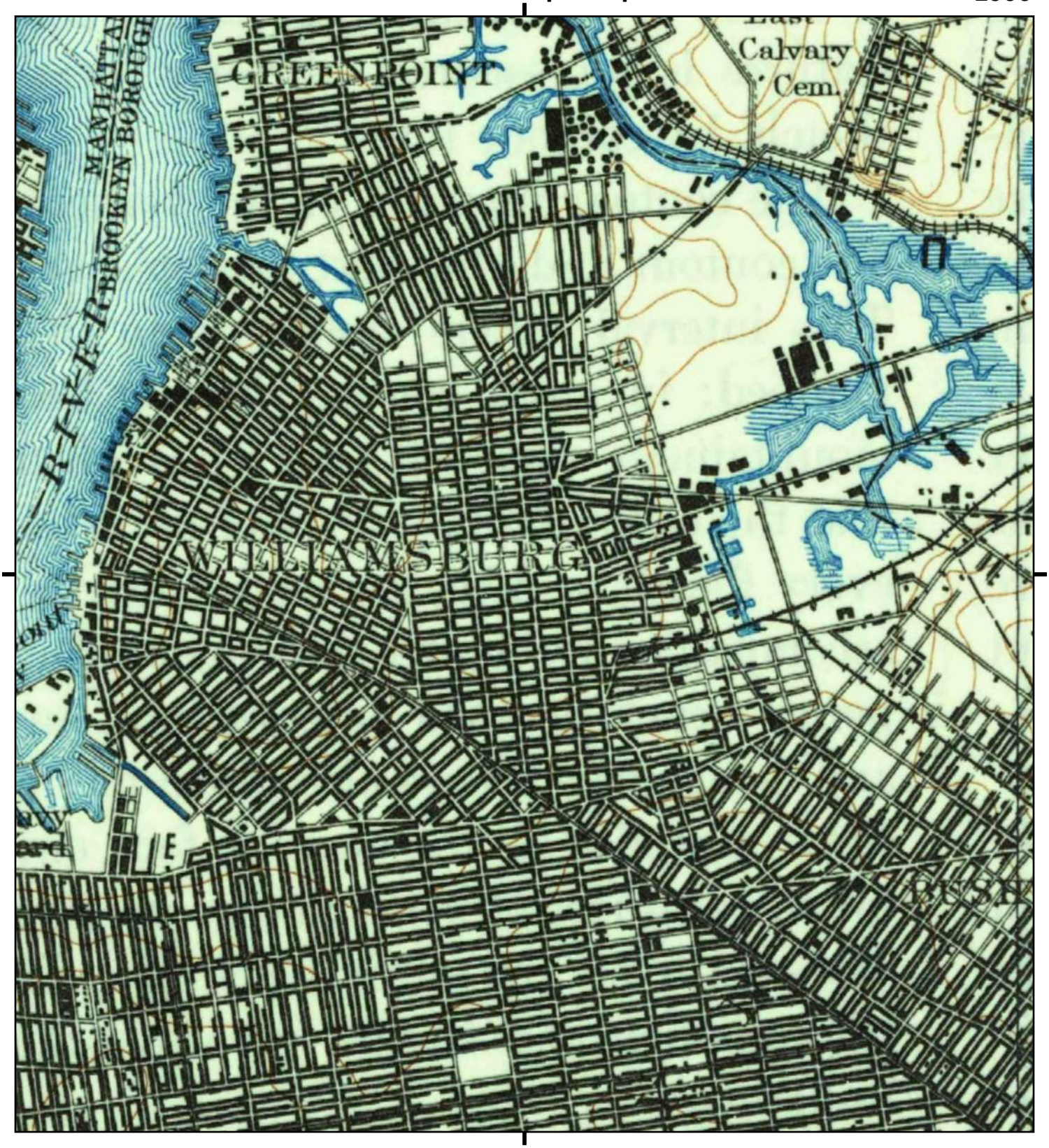


TP, Brooklyn, 1947, 7.5-minute

SITE NAME: M14602
ADDRESS: 710 GRAND STREET
Brooklyn, NY 11206
CLIENT: Merritt Environmental Consulting Corp.

Historical Topo Map

1900



This report includes information from the following map sheet(s).

Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Brooklyn, 1900, 15-minute

SITE NAME: M14602
ADDRESS: 710 GRAND STREET
Brooklyn, NY 11206
CLIENT: Merritt Environmental Consulting Corp.

N

Historical Topo Map

1898

This report includes information from the following map sheet(s).

Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

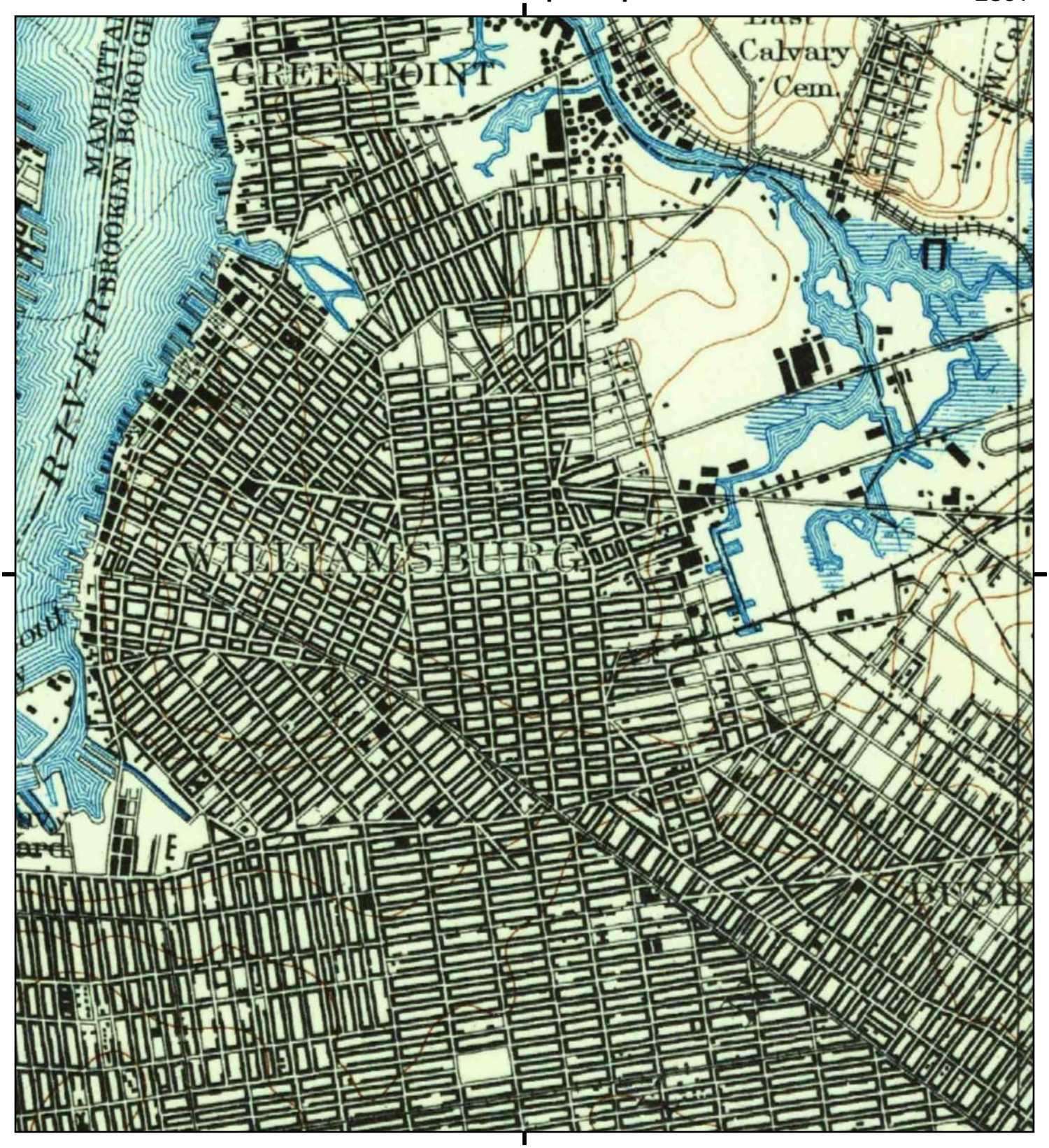
TP, Brooklyn, 1898, 15-minute

SITE NAME: M14602
ADDRESS: 710 GRAND STREET
Brooklyn, NY 11206
CLIENT: Merritt Environmental Consulting Corp.

N

Historical Topo Map

1897



This report includes information from the following map sheet(s).

Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Brooklyn, 1897, 15-minute

SITE NAME: M14602
ADDRESS: 710 GRAND STREET
Brooklyn, NY 11206
CLIENT: Merritt Environmental Consulting Corp.

N

M14602
710 GRAND STREET
Brooklyn, NY 11206

Inquiry Number: 4556130.8
March 04, 2016

EDR Building Permit Report

Target Property and Adjoining Properties

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

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Executive Summary

Findings

Glossary

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

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EDR BUILDING PERMIT REPORT

About This Report

The EDR Building Permit Report provides a practical and efficient method to search building department records for indications of environmental conditions. Generated via a search of municipal building permit records gathered from more than 1,600 cities nationwide, this report will assist you in meeting the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

Building permit data can be used to identify current and/or former operations and structures/features of environmental concern. The data can provide information on a target property and adjoining properties such as the presence of underground storage tanks, pump islands, sumps, drywells, etc., as well as information regarding water, sewer, natural gas, electrical connection dates, and current/former septic tanks.

ASTM and EPA Requirements

ASTM E 1527-13 lists building department records as a "standard historical source," as detailed in § 8.3.4.7: "Building Department Records - The term building department records means those records of the local government in which the property is located indicating permission of the local government to construct, alter, or demolish improvements on the property." ASTM also states that "Uses in the area surrounding the property shall be identified in the report, but this task is required only to the extent that this information is revealed in the course of researching the property itself."

EPA's Standards and Practices for All Appropriate Inquires (AAI) states: "§312.24: Reviews of historical sources of information. (a) Historical documents and records must be reviewed for the purposes of achieving the objectives and performance factors of §312.20(e) and (f). Historical documents and records may include, but are not limited to, aerial photographs, fire insurance maps, building department records, chain of title documents, and land use records."

Methodology

EDR has developed the EDR Building Permit Report through our partnership with BuildFax, the nation's largest repository of building department records. BuildFax collects, updates, and manages building department records from local municipal governments. The database now includes 30 million permits, on more than 10 million properties across 1,600 cities in the United States.

The EDR Building Permit Report comprises local municipal building permit records, gathered directly from local jurisdictions, including both target property and adjoining properties. Years of coverage vary by municipality. Data reported includes (where available): date of permit, permit type, permit number, status, valuation, contractor company, contractor name, and description.

Incoming permit data is checked at seven stages in a regimented quality control process, from initial data source interview, to data preparation, through final auditing. To ensure the building department is accurate, each of the seven quality control stages contains, on average, 15 additional quality checks, resulting in a process of approximately 105 quality control "touch points."

For more information about the EDR Building Permit Report, please contact your EDR Account Executive at (800) 352-0050.

EDR® Environmental Data Resources Inc

BUILD FAX® PROPERTY HISTORY

EXECUTIVE SUMMARY: SEARCH DOCUMENTATION

A search of building department records was conducted by Environmental Data Resources, Inc (EDR) on behalf of Merritt Environmental Consulting Corp. on Mar 04, 2016.

TARGET PROPERTY

710 GRAND STREET
Brooklyn, NY 11206

SEARCH METHODS

EDR searches available lists for both the Target Property and Surrounding Properties.

RESEARCH SUMMARY

Building permits identified: **YES**

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

P//New York City, NY

Year	*Source*	*TP*	*Adjoining*
2016	New York City, Department of Buildings		X
2015	New York City, Department of Buildings		X
2014	New York City, Department of Buildings		X
2013	New York City, Department of Buildings		X
2012	New York City, Department of Buildings		X
2011	New York City, Department of Buildings		X
2010	New York City, Department of Buildings		X
2009	New York City, Department of Buildings		X
2008	New York City, Department of Buildings		X
2007	New York City, Department of Buildings		X
2006	New York City, Department of Buildings		X
2005	New York City, Department of Buildings		X
2004	New York City, Department of Buildings		X
2003	New York City, Department of Buildings		X
2002	New York City, Department of Buildings		X
	New York City, Department of Buildings	X	
2001	New York City, Department of Buildings		X
	New York City, Department of Buildings	X	
2000	New York City, Department of Buildings		X
	New York City, Department of Buildings	X	
1999	New York City, Department of Buildings		X
1998	New York City, Department of Buildings		X
1997	New York City, Department of Buildings		X
1996	New York City, Department of Buildings		X
1995	New York City, Department of Buildings		X
	New York City, Department of Buildings	X	
1994	New York City, Department of Buildings		X
1993	New York City, Department of Buildings		X

EXECUTIVE SUMMARY: SEARCH DOCUMENTATION

Year	Source	TP	Adjoining
1992	New York City, Department of Buildings		X
1991	New York City, Department of Buildings		X
1990	New York City, Department of Buildings		X
1989	New York City, Department of Buildings		
1988	New York City, Department of Buildings		

BUILDING DEPARTMENT RECORDS SEARCHED

Name: P//New York City, NY
Years: 1988-2016
Source: New York City, Department of Buildings, BROOKLYN, NY
Phone: (212) 566-5000

TARGET PROPERTY FINDINGS

TARGET PROPERTY DETAIL

710 GRAND STREET
Brooklyn, NY 11206

710 GRAND ST

Date:	**3/25/2002**
Permit Type:	**PL**
Description:	**PLUMBING - ALTERATION TYPE 2** **Removal of non-load bearing partitions, plumbing fixtures, piping, cap lines as per code. Repair of wood joists and masonry walls as required; install window security devices, in accordance with filed drawings. No change in use, egress, or occupancy.**
Permit Description:	**PLUMBING**
Work Class:	A2 - ALTERATION TYPE 2
Proposed Use:	
Permit Number:	301276848-01-PL
Status:	ISSUED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	ROBERT MARTIN

Date:	**12/20/2001**
Permit Type:	**EW**
Description:	
Permit Description:	**EQUIPMENT WORK**
Work Class:	
Proposed Use:	OTHER CONSTRUCTION EQUIPMENT
Permit Number:	301276848-01-EW-OT
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

TARGET PROPERTY FINDINGS

Date: **12/20/2001**
Permit Type: **EW**
Description:

Permit Description: **EQUIPMENT WORK**
Work Class:
Proposed Use: OTHER CONSTRUCTION EQUIPMENT
Permit Number: 301276848-02-EW-OT
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **9/28/2000**
Permit Type: **EW**
Description: **ALTERATION TYPE 2 - MECH/HVAC**
AIR CONDITIONING INSTALLATION. THERE WILL BE NO CHANGE IN USE EGRESS OR OCCUPANC
Y.

Permit Description: **EQUIPMENT WORK**
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: MECHANICAL/HVAC
Permit Number: 301055104-01-EW-MH
Status: ISSUED
Valuation: $0.00
Contractor Company:
Contractor Name: HEIM KEDEM

Date: **2/9/1995**
Permit Type: **EW**
Description: **ALTERATION TYPE 2 - MECH/HVAC**
H.V.A.C. UNIT INSTALLATION WITH GAS PIPI NG TO UNIT THERE WILL BE NO CHANGE IN USE EGRESS OR OCCUPANCY.

Permit Description: **EQUIPMENT WORK**
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: MECHANICAL/HVAC
Permit Number: 300408182-01-EW-MH
Status: ISSUED
Valuation: $0.00
Contractor Company:
Contractor Name: VINCENT LIOTTA PROFESSIONAL ENGINEER

TARGET PROPERTY FINDINGS

Date:	**2/9/1995**
Permit Type:	**PL**
Description:	**PLUMBING - ALTERATION TYPE 2** **H.V.A.C. UNIT INSTALLATION WITH GAS PIPI NG TO UNIT THERE WILL BE NO CHANGE IN USE EGRESS OR OCCUPANCY.**
Permit Description:	**PLUMBING**
Work Class:	A2 - ALTERATION TYPE 2
Proposed Use:	
Permit Number:	300408182-01-PL
Status:	ISSUED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	JOHN KOLB

INTERVIEW DOCUMENTATION

MERRITT Environmental Consulting Corp.

77 Arkay Drive, Suite D, Hauppauge, NY 11788
(631) 617-6200/Tel (631) 617-6201/Fax

Address: 710 Grand st Project M 14602

Description: 2 + 3 story Commercial

Person Interviewed: Mr. Aalen

QUESTION	OWNER\OWNER'S REPRESENTATIVE			OCCUPANT \ MANAGER \ OTHER			OBSERVED DURING SITE VISIT		
	YES	NO	UNK	YES	NO	UNK	YES	NO	UNK
1a. Is the property used for an industrial use?								Y	
1b. Is any adjoining property used for an industrial use?								Y	
2a. Did you observe evidence or do you have any prior knowledge that the property has been used for an industrial use in the past?								Y	
2b. Did you observe evidence or do you have any prior knowledge that an adjoining property has been used for an industrial use in the past?								Y	
3a. Is the property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?								Y	

QUESTION	OWNER\OWNER'S REPRESENTATIVE			OCCUPANT \ MANAGER \ OTHER			OBSERVED DURING SITE VISIT		
	YES	NO	UNK	YES	NO	UNK	YES	NO	UNK
3b. Is any adjoining property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?								Y	
4a. Did you observed evidence or do you have any prior knowledge that the property has been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?								Y	
4b. Did you observe evidence or do you have any prior knowledge that an adjoining property has been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?								Y	
5a. Are there currently any damaged or discarded automotive or industrial batteries, pesticides, paints, or other chemicals in individual containers of >5 gal (19 L) in volume or 50 gal (190 L) in the aggregate, stored on or used at the property or at the facility?								Y	
5b. Did you observe evidence or do you have any prior knowledge there have been previously any damaged or discarded automotive or industrial batteries, pesticides, paints, or other chemicals in individual containers of >5 gal (19 L) in volume or 50 gal (190 L) in the aggregate, stored on or used at the property or at the facility?								Y	

QUESTION	OWNER\OWNER'S REPRESENTATIVE			OCCUPANT \ MANAGER \ OTHER			OBSERVED DURING SITE VISIT		
	YES	NO	UNK	YES	NO	UNK	YES	NO	UNK
6a. Are there currently any industrial drums (typically 55 gal (208 L) or sacks of chemicals located on the property or at the facility?								Y	
6b. Did you observe evidence or do you have any prior knowledge that there have been previously any industrial drums (typically 55 gal (208 L) or sacks of chemicals located on the property or at the facility?								Y	
7a. Did you observe evidence or do you have any prior knowledge that fill dirt has been brought onto the property that originated from a contaminated site?								X	
7b. Did you observe evidence or do you have any prior knowledge that fill dirt has been brought onto the property that is of an unknown origin?								Y	
8a. Are there currently any pits, ponds, or lagoons located on the property in connection with waste treatment or waste disposal?								Y	
8b. Did you observe evidence or do you have any prior knowledge that there have been previously any pits, ponds, or lagoons located on the property in connection with waste treatment or waste disposal?								Y	

QUESTION	OWNER\OWNER'S REPRESENTATIVE			OCCUPANT \ MANAGER \ OTHER			OBSERVED DURING SITE VISIT		
	YES	NO	UNK	YES	NO	UNK	YES	NO	UNK
9a. Is there currently any stained soil on the property?									Y
9b. Did you observe evidence or do you have any prior knowledge that there has been previously, any stained soil on the property?									Y
10a. Are there currently any registered or unregistered storage tanks (above or underground) located on the property?								Y	
10b. Did you observe evidence or do you have any prior knowledge that there have been previously, any registered or unregistered storage tanks (above or underground) located on the property?							Y		
11a. Are there currently any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property?							Y		
Closed fill									
11b. Did you observe evidence or do you have any prior knowledge that there have been previously any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property?							Y		

QUESTION	OWNER\OWNER'S REPRESENTATIVE			OCCUPANT \ MANAGER \ OTHER			OBSERVED DURING SITE VISIT		
	YES	NO	UNK	YES	NO	UNK	YES	NO	UNK
12a. Are there currently any flooring, drains, or walls located within the facility that are stained by substances other than water or are emitting foul odors?								Y	
12b. Did you observe evidence or do you have any prior knowledge that there have been previously any flooring, drains, or walls within the facility that were stained by substances other than water or were emitting foul odors?								Y	
13a. If the property is served by a private well or non-public water system, is there evidence or do you have prior knowledge that contaminants have been identified in the well system that exceed guidelines applicable to the water system?								Y	
13b. If the property is served by a private well or non-public water system, is there evidence or do you have prior knowledge that the well has been designated as contaminated by any government environmental / health agency?								Y	
14. Does the owner or occupant of the property have any knowledge or environmental liens or governmental notifications relating to past or recurrent violations or environmental laws as respect to the property or any facility located on the property?									Y
15a. Has the owner or occupant of the property been informed of the past existence of hazardous substances or petroleum products with respect to the property or any facility located on the property?									Y

QUESTION	OWNER\OWNER'S REPRESENTATIVE			OCCUPANT \ MANAGER \ OTHER			OBSERVED DURING SITE VISIT		
	YES	NO	UNK	YES	NO	UNK	YES	NO	UNK
15b. Has the owner or occupant of the property been informed of the current existence of hazardous substances or petroleum products with respect to the property or any facility located on the property?									Y
15c. Has the owner or occupant of the property been informed of the past existence of environmental violations with respect to the property or any facility located on the property?									Y
15d. Has the owner or occupant of the property been informed of the current existence of environmental violations with respect to the property or any facility located on the property?									Y
16. Does the owner or occupant of the property have any knowledge of any environmental site assessment of the property or facility that indicated the presence of hazardous substances or petroleum products on, or contamination of, the property or recommended further assessment of the property?									Y
17. Does the owner or occupant of the property know of any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of any hazardous substance or petroleum product involving the property by any owner or occupant of the property?									Y

QUESTION	OWNER\OWNER'S REPRESENTATIVE			OCCUPANT \ MANAGER \ OTHER			OBSERVED DURING SITE VISIT		
	YES	NO	UNK	YES	NO	UNK	YES	NO	UNK
18a. Does the property discharge waste water on or adjacent to the property, other than storm water, into a storm water sewer system?								Y	
18b. Does the property discharge waste water on or adjacent to the property other than storm water into a sanitary sewer system?								Y	
19. Did you observe evidence or do you have any prior knowledge that any hazardous substances or petroleum products, unidentified waste materials, tires, automotive or industrial batteries, or any other waste materials have been dumped above grade, buried and/or burned on the property?								Y	
20. Is there a transformer, capacitor, or any hydraulic equipment for which there are any records indicating the presence of PCBs?								X	
NON-SCOPE ITEMS									
1. Did you observe any suspect asbestos containing material? If yes, see report								Y	
2. Did you observe evidence of peeling or cracking paint? If yes, see report								Y	
3. Did you observe evidence of a lead water main? If yes, see report								Y	

QUALIFICATIONS

Charles G. Merritt
President

As Merritt Environmental Consulting Corp.'s Principal and Senior Certified Environmental Specialist (CES), Mr. Merritt supervises all aspects of environmental assessments (Phase I & Transaction Screen) reports. These assessments include on site property evaluations, site interviews, reviews of regulatory data, and public records to identify environmental concerns. Mr. Merritt has received extensive training, professional certifications, and over 20 years of industry experience; providing a range of diversified environmental services for a wide variety of clients.

Areas of Expertise:

- Phase I Environmental Site Assessments (ESA) E1527-00 & E1527-05 (All Appropriate Inquiry "AAI" standards)
- Provide peer review of environmental reports for lending institutions
- Supervise Site Remediations
- Review of all Environmental Reports prepared
- Client Liaison

Professional Experience:

- Conduct Environmental Site Assessments (ESA's) for lending institutions, property owners, insurance companies and private investors conducting due diligence investigations
- Perform asbestos, lead-based paint, mold and radon surveys

Education/Certificates/Membership

- Adelphi University
  Bachelor of Business Administration **May 1988**

Certifications and Affiliation:

- LEED AP
- ASTM Technical & Professional Training
- Certified Environmental Specialist (CES) EAA #10770

John Perotti
Project Manager

As an experienced Certified Environmental Specialist (CES), Mr. Perotti performs Phase I Environmental Site Assessments (ESA) and Transaction Screens for the Tri-State region. The environmental assessments include on site property inspections, reviews of regulatory data, and historical data to identify environmental concerns.

Areas of Expertise:

- Phase I Environmental Site Assessments (ESA) E1527-00 & E1527-05 (All Appropriate Inquiry "AAI" standards)
- Environmental Transaction Screens
- Asbestos and lead investigations

Professional Experience:

- Conduct Environmental Site Assessments (ESA's) for lending institutions, property owners and other private clients conducting due diligence investigations

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Certifications and Affiliation:

- Certified Environmental Specialist (EAA) #73426
- New York State Asbestos Inspector
- New York State Asbestos Project Manager
- New York State Asbestos Air Monitor
- New York State Asbestos Supervisor
- EPA Certification for Lead Based Paint Supervisor
- ASTM 1527-05 "All Appropriate Inquiry" qualified environmental professional

Gary Pollack
Project Manager

As an experienced Certified Environmental Inspector (CEI), Mr. Pollack performs Phase I Environmental Site Assessments (ESA) and Transaction Screens for the Tri-State region. The environmental assessments include on site property inspections, reviews of regulatory data, and historical data to identify environmental concerns.

Areas of Expertise:

- Phase I Environmental Site Assessments (ESA) E1527-00 & E1527-05 (All Appropriate Inquiry "AAI" standards)
- Environmental Transaction Screens
- Asbestos, lead and mold investigations

Professional Experience:

- Conduct Environmental Site Assessments (ESA's) for lending institutions, property owners and other private clients conducting due diligence investigations

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Certifications and Affiliation:

- Certified Environmental Inspector (EAA) #14087
- State of New Jersey Asbestos Inspector
- State of New Jersey Asbestos Project Manager
- State of New Jersey Asbestos Air Monitor
- State of New Jersey Asbestos Supervisor
- EPA Certification for Lead Based Paint Supervisor
- ASTM 1527-05 "All Appropriate Inquiry" qualified environmental professional

SPECIAL CONTRACTUAL CONDITIONS BETWEEN USERS & ENVIRONMENTAL PROFESSIONAL (If Applicable)

HISTORICAL RECOGNIZED ENVIRONMENTAL CONDITION (HREC) DOCUMENTATION PROVIDED (If Applicable)

ADDITIONAL INFORMATION OBTAINED

MERRITT Environmental Consulting Corp.

77 Arkay Drive, Suite D, Hauppauge, NY 11788
(631) 617-6200/Tel (631) 617-6201/Fax

March 7, 2016

Project: M14602

Haim Kedmi

Email: haim@hmknyc.com

Re: Phase I ASTM - Document & Information Inquiry Sheet
710 Grand Street, Brooklyn, NY 11211

Dear Mr. Kedmi,

Merritt Environmental Consulting Corp. has been retained to conduct a Phase I Site Assessment of the above referenced property in accordance with the ASTM standards. We kindly request that someone knowledgeable with the property provide the information requested below to our office.

- **Current owning entity name** JAROAH INC
- **Year purchased** 2006
- **Year of construction** 2016
- **AKA addresses** 710 GRAND STREET
- **Cross Street**
- **Block and Lot** 2788-0019
- **Plot size** 25'X100'
- **Sq. footage of building** 4125
- **Building manager / Super's name** HAIM KEDMI
- **Title Records** I DONT UNDERSTAND
- **Tenant list (commercial/retail only)** NOARC II RETAIL ONLY
- **Site Survey** YES
- **Environmental Liens** NONE
- **Valuation reduction for Environmental issues** I DONT UNDERSTAND
- **Prior Environmental Reports** I DONT HAVE

Your quick response to provide this information will facilitate the commencement of our report. Furthermore, the information provided will appear as exhibits in our report. Should you have any questions or if you need further assistance, please feel free to contact our office.

Regards,

Charles G. Merritt

Phase I Environmental Site Assessment

User Provided Information Questionnaire

The ASTM standard for Phase I ESAs requires that the user (usually the client) be responsible for certain information that is included in the Phase I report. The following questions are being provided to you as the "user". You may or may not know specifics about what is being asked.

Name: HAIM KEDMI

Organization: JAROAH INC

Subject Site: 710 GRAND STREET

Signed: _____

Date: 3/7/2016

1. Title Records: Do you currently have any title records for the Site?

   (If "yes", please mail, fax, or e-mail a copy to MEC)

   NO

2. Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law?

   NONE

3. Are you aware of any activity or land use limitations, such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?

NO

4. Do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

NO

5. Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as user,

a) Do you know the past uses of the property? If so, what are they?

RETAIL WAS A PAST USE PARAGON SPORTING GOODS

b) Do you know of specific chemicals that are present or once were present at the property?

NO

c) Do you know of spills or other chemical releases that have taken place at the property?

NO

d) Do you know of any environmental cleanups that have taken place at the property?

NO

6. Do you know of any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the property?

NO

7. Do you know of any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on or from the property?

NO

8. Do you know of any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products?

NO

9. Based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of contamination at the property?

NO

10. Do you believe that the value of the Site that was or is being paid for this property reasonably reflects the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?

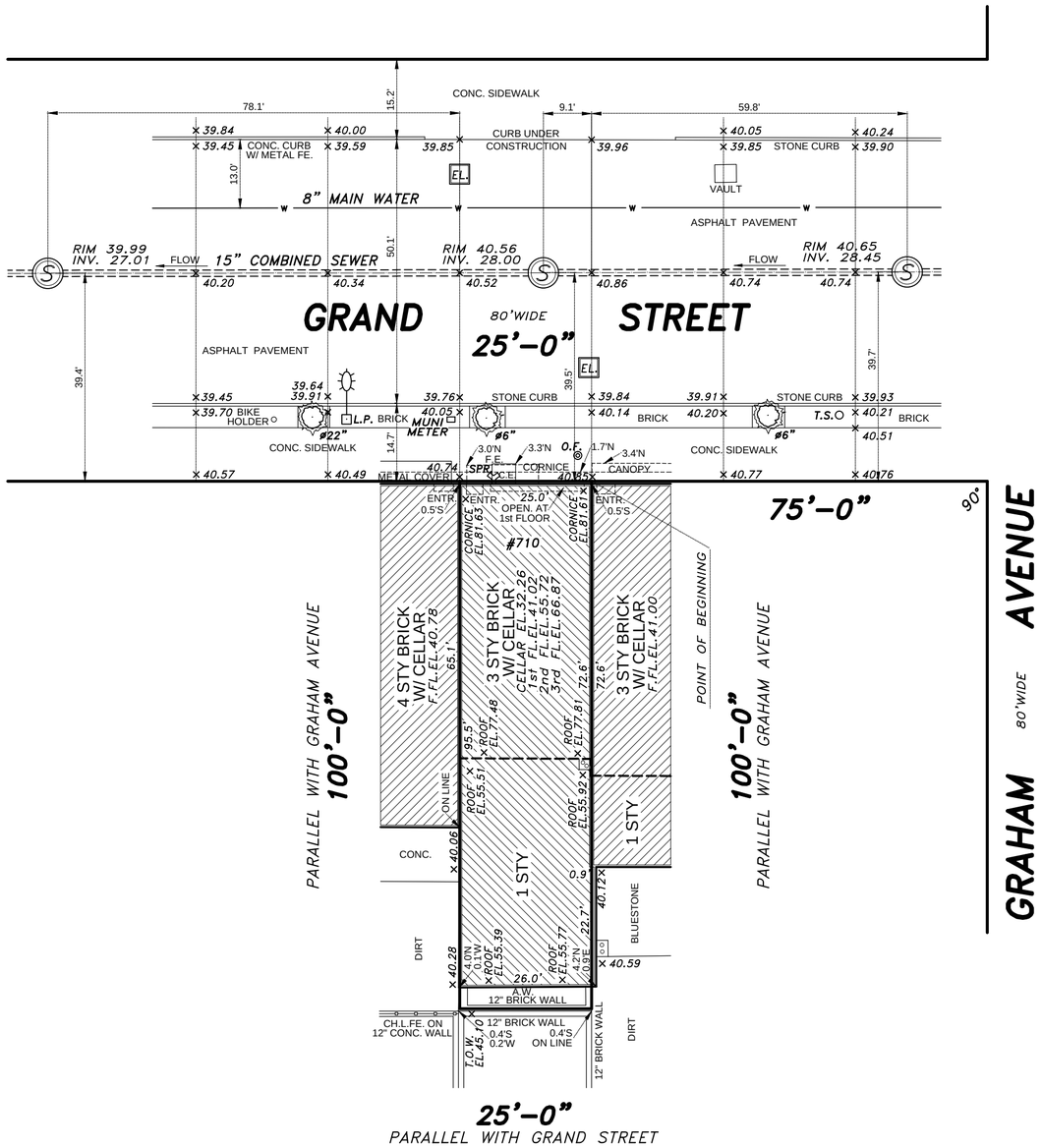
NO

JOB NO. B 2788-19-TO

SURVEYED ON: FEBRUARY 2, 2016

FLOOD NOTE

BY GRAPHIC PLOTTING ONLY, SUBJECT PROPERTY IS LOCATED IN ZONE X (AREA OF NO FLOODING) AS SHOWN ON THE FLOOD INSURANCE RATE MAP FOR COMMUNITY PANEL NUMBER 360 497 0204 F WHICH BEARS AN EFFECTIVE DATE OF SEPTEMBER 5, 2007 AND REVISED DECEMBER 5, 2013.



SCALE 1"=20'

SYMBOLS AND ABBREVIATIONS

FENCE	CH.L.FE. — WOOD FE.
UTILITY POLE	U.P.
PARKING METER	P.M.
OIL FILL	O.F.
MONITORING WELL	M.W.
TRAFFIC LIGHT	T.L.
LIGHT	
STREET LIGHT	L.P.
FIRE HYDRANT	HYD.
SIAMESE CONNECTION	S.F. SPR.
SHUT OFF VALVE	G.V. G.V. W.V. W.V.
HANDICAPPED PARKING	
EXISTING TREE	ø12"
DRAINS	DR. DR.
ROOF OVER	R.O.
EXISTING ELEVATIONS	×43.15 TOP OF CURB; ×42.93 BOTTOM OF CURB; ×43.78
CITY ESTABLISHED GRADES	L.G.7.52
CURB AND CURB CUT	CURB CUT
OVERHEAD SERVICE	OHS.W.
CABLE TV MANHOLE	CTV
MANHOLES	MH E T W S RIM EL. INV.EL.
CATCH BASIN	C.B. C.B.
FIRE ESCAPE	F.E.
PLATFORM	PL. or PLTF.
BASEMENT ENTRANCE	B.E.
CELLAR ENTRANCE	C.E.
AIR WAY	A.W.
BAY WINDOW	B.W.
CONCRETE	CONC.
OVERHANG	O.H
AIR CONDITION	AC
METAL	MET.
NORTH OF PROPERTY LINE	N
SOUTH OF PROPERTY LINE	S
EAST OF PROPERTY LINE	E
WEST OF PROPERTY LINE	W

GENERAL NOTES

SUBSURFACE UTILITIES ARE NOT GUARANTEED BY SURVEYOR. HIGH CAUTION RECOMMENDED AND VERIFICATION WITH PROPER CITY AGENCIES, IS MANDATORY BEFORE COMMENCING ALL NEW WORK.

ALL SUBSURFACE AND OVERHEAD UTILITIES (AS TO SIZE , TYPE AND DEPTH) SHOWN ON THIS SURVEY ARE TAKEN FROM RECORDS OF GOVERNMENTAL AGENCIES AND UTILITY COMPANIES, UNLESS OTHERWISE NOTED AND SHOWN.

COVER OR DEPTH OF UTILITIES WHICH DERIVED FROM FIELD MEASUREMENTS SHOWN ON THIS SURVEY SHOULD BE VERIFIED WITH PROPER AGENCY PRIOR TO CONSTRUCTION OF PROJECT. INVERT ELEVATIONS ARE DERIVED FROM CITY AGENCY RECORDS WHEN NOT AVAILABLE BY FIELD SURVEY AND NOTED AS 'PER RECORD' ON THE SURVEY.

ALL SUBSURFACE UTILITY AS TO LOCATION AND DEPTH, SHOULD BE RECHECKED AND LEGAL GRADES SHOULD BE VERIFIED WITH THE TOPOGRAPHICAL BUREAU, PREFERABLY IN WRITING BEFORE COMMENCING CONSTRUCTION.

THIS IS TO CERTIFY THAT THERE ARE NO STREAMS OR NATURAL WATER COURSES ON THE SURVEYED PROPERTY EXCEPT AS SHOWN AND/OR DESCRIBED ON THIS SURVEY.

ALL OPERATIONS OF UNDERGROUND FACILITIES AND ALL EXCAVATORS ARE OBLIGATED TO COMPLY WITH ARTICLE 36 OF THE GENERAL BUSINESS LAW AND WITH PROVISIONS OF INDUSTRIAL CODE PART (RULE NO.35) BEFORE ANY EXCAVATION OR DEMOLITION IS COMMENCED. EVERY EXCAVATOR IS REQUIRED BY THESE LAWS TO GIVE ADVANCE NOTICE TO EVERY OPERATOR OF UNDERGROUND FACILITIES OF HIS INTENT TO PERFORM EXCAVATION OR DEMOLITION WORK IN THE SPECIFIED AREA

ALL ELEVATIONS SHOWN REFER TO THE NAVD 1988 DATUM. TO OBTAIN:
- NGVD 1929 DATUM - ADD 1.098 FEET
- BROOKLYN BOROUGH DATUM - SUBTRACT 1.447 FEET

EASEMENTS IF ANY ARE NOT SHOWN ON THIS SURVEY. NO INFORMATION PROVIDED TO SURVEYOR AT THIS TIME.

UNDERGROUND UTILITIES NOTES

UNDERGROUND, OVERHEAD AND GROUND LEVEL UTILITIES ARE NOT GUARANTEED AS TO ACCURACY, EXACT LOCATION, TYPE OR USE, ACTIVE OR INACTIVE. VERIFIFICATION IS MANDATORY WITH MUNICIPAL AGENCIES, PUBLIC AND PRIVATE UTILITY COMPANIES PRIOR TO TAKING TITLE AND OR DESIGN WORK. BOUNDARIES ARE NOT GUARANTEED UNLESS SO NOTED.

ALL OPERATIONS OF UNDERGROUND FACILITIES AND ALL EXCAVATORS ARE OBLIGATED TO COMPLY WITH ARTICLE 36 OF THE GENERAL BUSINESS LAW AND WITH PROVISIONS OF INDUSTRIAL CODE PART (RULE NO. 35) BEFORE ANY EXCAVATION OR DEMOLITION IS COMMENCED. EVERY EXCAVATOR IS REQUIRED BY THESE LAWS TO GIVE ADVANCE NOTICE TO EVERY OPERATOR OF UNDERGROUND FACILITIES OF HIS INTENT TO PERFORM EXCAVATION OR DEMOLITION WORK IN THE SPECIFIED AREA

UNAUTHORIZED ALTERATION OR ADDITION TO THIS SURVEY IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW. COPIES OF THIS SURVEY MAP NOT BEARING THE LAND SURVEYOR'S INKED SEAL OR EMBOSSED SEAL SHALL NOT BE CONSIDERED TO BE A VALID COPY. GUARANTEES OR CERTIFICATIONS INDICATED HEREON SHALL RUN ONLY TO THE PERSON FOR WHOM THE SURVEY IS PREPARED AND ON HIS BEHALF TO THE TITLE COMPANY, GOVERNMENTAL AGENCY AND LENDING INSTITUTION LISTED HEREON, AND TO THE ASSIGNEES OF THE LENDING INSTITUTION. GUARANTEES OR CERTIFICATIONS ARE NOT TRANSFERABLE TO ADDITIONAL INSTITUTIONS OR SUBSEQUENT OWNERS.

GUARANTEED TO: Haim Kedmi

COUNTY: KINGS CITY: BROOKLYN

SECTION: BLOCK: 2788 LOT(S): 19

PROPERTY ADDRESS: 710 GRAND STREET

ARCHITECTURAL SURVEY

PREPARED BY

PERFECT POINT
LAND SURVEYING RT
brooklyn - queens - manhattan - bronx
staten island - nassau
phone: (718) 474-7700
fax: (718) 872-9699
info@ppsurveying.com
www.ppsurveying.com

N.Y.S. L.L.S. 049844

LOT AREA = 2500.00 sq.ft. = 0.5739 acre

GRAPHIC SCALE

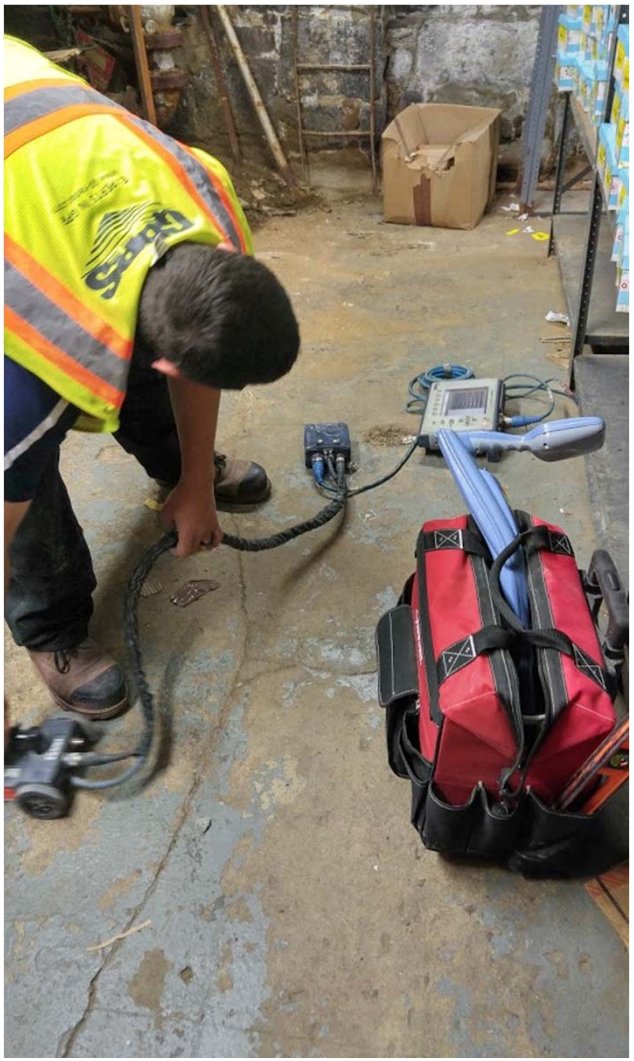
ALL WRITTEN MEASUREMENTS AND OFFSETS NOTED ON THIS SURVEY SUPERSEDE MEASUREMENTS SCALED OF THIS PLOT.

SCALE 1:20

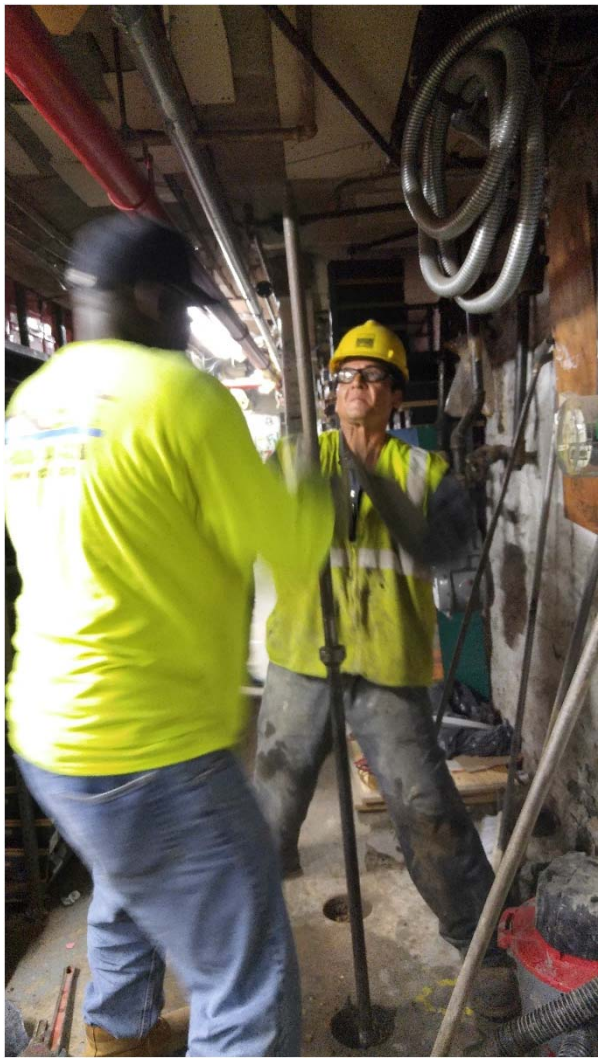
0 5 10 15 20 25 30 35 40 45 50 100

APPENDIX B

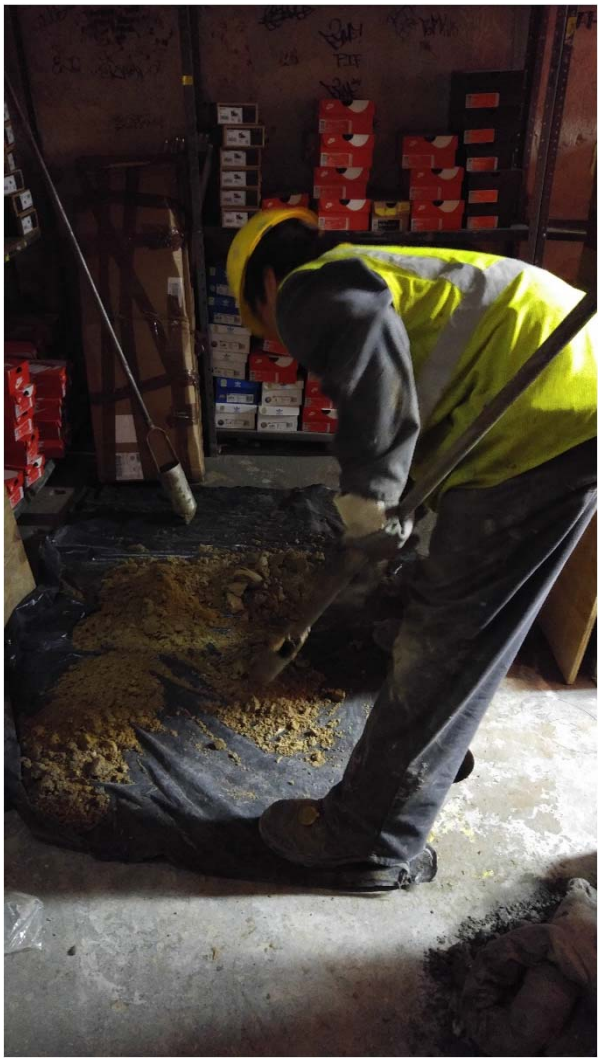
PHOTO LOG



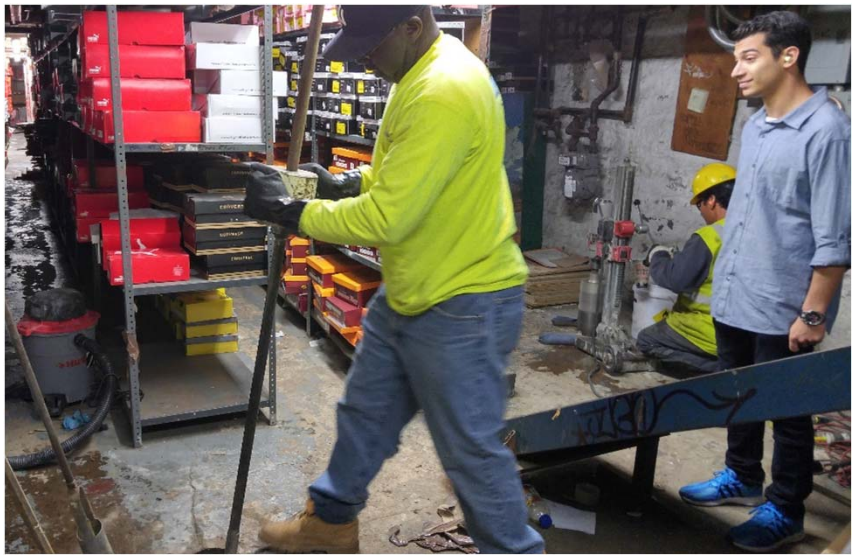
GPRS field technician utilizing a 1600 MHZ GSSI Antenna with SIR-3000 GPR head to scan proposed boring locations



Cascade drilling crew using a slide hammer in conjunction with soil augers to install soil boring SB-1



Cascade drilling crew emptying out a soil auger onto plastic sheeting for field scanning and sampling



Cascade drilling crew members utilizing a slide hammer to hand core (image center) and a core drill to open cement (image right)

Image of soil boring SB-2 with excavated soil on plastic sheeting for field scanning and sampling

Soil from SB-1 with surface on left and deepening to the right

Tubing extending out from the soil vapor implant at SV-2. Note layer of bentonite clay packed near the surface

Installed 6L Summa canister and tubing at SV-2

Installed 6L Summa canister and tubing at SV-1

APPENDIX C

GPR REPORT

May 10, 2016

Attn: Curtis Breuer
Athenica Environmental Services
122-09 Greenpoint Ave
Long Island City, NY 11104

Subject: Ground Penetrating Radar (GPR) utility locating @ 710 Grand Street Brooklyn, NY

Lead Technician: Joe Bernarducci
Project Manager of New Jersey/Tri-State
Ground Penetrating Radar Systems, Inc
Phone: (848) 223-5084
Joe.Bernarducci@gp-radar.com

Table of Contents

1. Overview of GPR
2. Equipment & Capabilities
3. Site Description
4. Inspection Methods
5. Findings
6. Qualifications
7. Closing

1. Overview of GPR

Ground Penetrating Radar (GPR) is a non-destructive testing technology that sends a series of radar pulses into the surface which reflect back off of anomalies below. As the radar pulses through the ground, the waves bend slightly when encountering a material with differing physical properties, particularly density and conductivity. Thousands of pulses are sent and received in a small area, and the received signals are combined to form a real-time image of what is in the ground. The various places where the radar waves bend are displayed as anomalies which can be interpreted as reinforcing steel, steel pipes, PVC conduits, underground storage tanks, voids, foundations, etc. One of the many advantages of the technology is the ability to locate metal and non-metallic objects as well as determining depth to the object. GPR data acquisition is very fast and results are available immediately, allowing any discovered anomalies to be marked directly in the field. Although confused with X-Ray, GPR uses less than 1% of your cell phones radiation emissions and is safe to work with human presence in close proximity.

2. Equipment and Capabilities

Ground Penetrating Radar (GPR)

- **GSSI SIR-3000**

-GPRS uses a Geophysical Survey Systems Inc. (GSSI) SIR-3000 radar unit. This is the most advanced GPR available. It allows for on-site interpretation, as well as stored data for later processing. This equipment is self-calibrating, allowing more precise depth and location measurements.

-GSSI is the world's leading GPR designer and manufacturer. Information can be found at www.geophysical.com.

- **1600 MHZ GSSI Antenna**

-For portions of projects involving concrete scanning, we use a 1600MHz antenna with the SIR-3000 GPR head unit. This antenna allows data collection to a maximum depth of approximately eighteen to twenty-four inches, depending on the condition of the concrete. This is most commonly used for locating reinforcing steel and mapping out conduits in the concrete.

- **RD-7000 Radiofrequency Detection System**

- The RD7000 can detect the electromagnetic fields from live power or radio frequency signals. It can also be used in conjunction with a transmitter to connect directly to accessible, metallic pipes, risers, or tracer wires. A tone is sent through the pipe or tracer wire at a specific frequency which can then be detected by the receiver. For more information, please visit: http://www.spx.com/en/radiodetection/pd-rd7000/

Joe Bernarducci
Ground Penetrating Radar Systems
(848) 223-5084
Joe.Bernarducci@gp-radar.com

3. Site Description

The primary objective was to scan 6 soil boring locations in the basement of 710 Grand Street, Brooklyn, NY. The slab scanned was approximately 8" thick with reinforcement. The client was planning on advancing soil borings through the slab then hand augering to about 5' and was interested in any utilities or tanks under the slab.

4. Inspection Methods

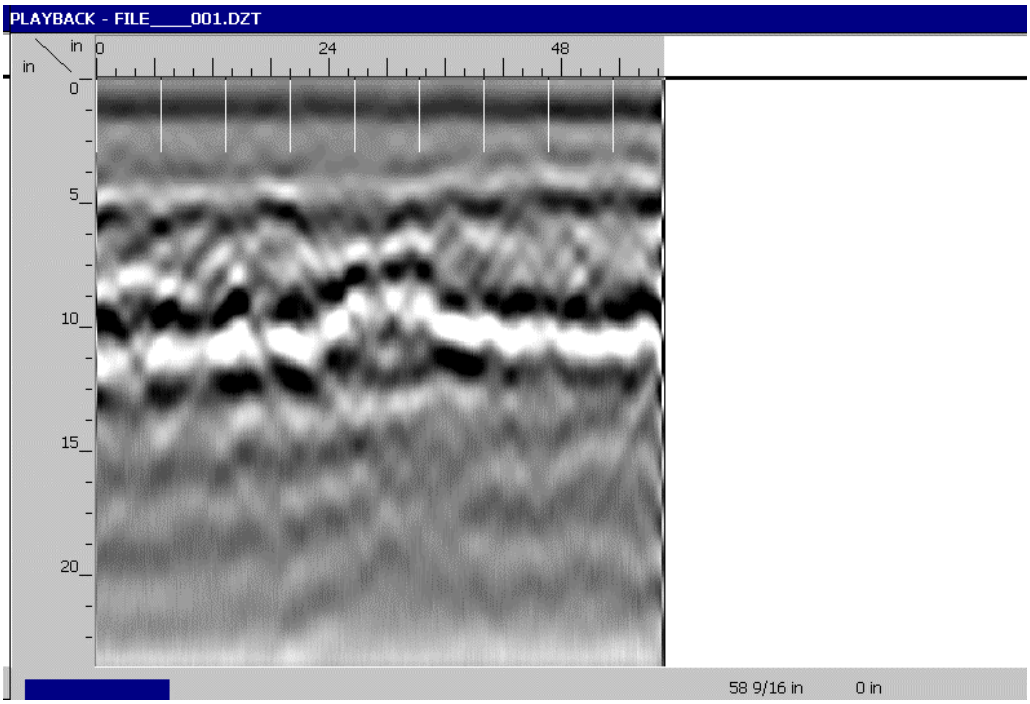
Since the surface was concrete and the scans were performed every two inches our 1600MHz antenna was utilized. When scanning the concrete, North-South and West-East scans were made to ensure the locations of any live conduits were identified within the proposed locations. The paths of the conduits were then discovered and captured on the SIR-3000 for later review.

5. Findings

After scanning the selected locations, several unknown conduits were detected. The slab was found to be 8" thick with reinforcement. The RD-7000 was used to detect live power near all boring locations. When a conduit or utility was located the site contact was notified and the boring location was shifted accordingly. No utility or conduit was marked on the surface because the boring was shifted to a final location with no utilities within 2'. Scans could not be performed within 3" of any obstruction including the wall and metal shelving at this site.

Below are some screen shots taken from the SIR-3000 and photographs taken on site with notes attached.

Joe Bernarducci
Ground Penetrating Radar Systems
(848) 223-5084
Joe.Bernarducci@gp-radar.com



Above is a screen shot taken from the SIR-3000 with the 1600MHz antenna showing the typical data found at this site. There are 2 gauges in each screen shot. The left side gives the technician the depth of each obstruction while the top allows you to see the distance of each scan.

Above is a site photograph showing a boring locations, the boring location is marked with yellow tape.

Joe Bernarducci
Ground Penetrating Radar Systems
(848) 223-5084
Joe.Bernarducci@gp-radar.com

Above is a site photograph showing a boring locations, the boring location is marked with yellow tape.

Joe Bernarducci
Ground Penetrating Radar Systems
(848) 223-5084
Joe.Bernarducci@gp-radar.com

6. Qualifications

Ground Penetrating Radar Systems, Inc. (GPRS) was started in October 2001, by Matt Aston. The original intention in starting this business was to give contractors a reliable was to "see" into the concrete slabs in order to avoid cutting embedded electrical conduits and critical reinforcing steel. While GPRS performs this work on a regular basis, there are many other applications in which we use Ground Penetrating Radar to benefit our customer base.

Since our inception, GPRS has grown to be nationwide and has completed over five thousand projects. We are very proud of our ten years of zero recordables. We are very proud of our performance. We have had a reported incident of error on less than one percent of the projects we have completed. Our customers have expressed a high level of satisfaction, as evidenced by the fact that in 2010, nearly 80% of our business was either repeat or referred by our customers. GPRS has been involved on projects ranging from small residential jobs to major construction projects with values in excess of $1 Billion.

7. Closing

Thank you for the opportunity to serve you on this project. I hope this report has answered all the questions you had regarding this survey. However if there is anything you have questions about or feel was omitted, please do not hesitate to contact me.

Thank you,

Joe Bernarducci
Project Manager of New Jersey/Tri-State
Ground Penetrating Radar Systems, Inc
Phone: (848) 223-5084
Joe.Bernarducci@gp-radar.com

APPENDIX D

SOIL BORING LOGS

ATHENICA ENVIRONMENTAL SERVICES, INC. Environmental Engineering Consultants 45-09 Greenpoint Avenue Long Island City, NY 11104 p: 718-784-7490 f: 718-784-4085 e: info@athenica.com	**Client:** Jaroah Inc **Job Name:** 710 Grand Street **Job Number:** 16-133-0553	**Boring Number:** **SB-1** **Boring Location:** 15' from north wall 2' from west wall
Field Representatives: Curtis Breuer	**Site Location:** 710 Grand Street Brooklyn, NY	**Drilling Rig Type:** Core Drill, Hand Auger **Casing Sampler Type:** N/A
Groundwater Observations: None	**Approximate Site Elevation:** 38 feet above sea level	**Date Start: 5-10-16** **Date Completed: 5-10-16**

Depth (bgs)	Sample Number	Type	Recovery (in.)	Density or Moisture	PID (ppm)	Field Identification of Soil / Remarks
0'	(0-2')	G	24"	Dry	2.8	tan to brown fine sand with clay/silt. No odor.
2'	(2'-3')		12"	Dry	1.6	brown with slight reddish hue, fine sand with some clay/silt, minor pebbles to 1". No odor.
3'	(3'-5')	G	18"	Dry	2	brown with slight reddish hue, fine sand with some clay/silt, increasing pebbles to 1-1.5". No odor.

4.5' = Boring termination Depth

- shaded cell indicates sample taken for lab analysis

G - grab sample collected for analysis

bgs - below ground surface

ATHENICA ENVIRONMENTAL SERVICES, INC. Environmental Engineering Consultants 45-09 Greenpoint Avenue Long Island City, NY 11104 p: 718-784-7490 f: 718-784-4085 e: info@athenica.com	**Client:** Jaroah Inc **Job Name:** 710 Grand Street **Job Number:** 16-133-0553	**Boring Number:** **SB-2** **Boring Location:** 54' from north wall 13' from west wall
Field Representatives: Curtis Breuer	**Site Location:** 710 Grand Street Brooklyn, NY	**Drilling Rig Type:** Core Drill, Hand Auger **Casing Sampler Type:** N/A
Groundwater Observations: None	**Approximate Site Elevation:** 38 feet above sea level	**Date Start: 5-10-16** **Date Completed: 5-10-16**

Depth (bgs)	Sample Number	Type	Recovery (in.)	Density or Moisture	PID (ppm)	Field Identification of Soil / Remarks
0'	(0-2')	G	24"	Dry	2.1	brown/tan to terra cotta red, very fine sand with some clay/silt. No odor.
2'	(2'-3')		12"	Dry	1.7	brown/greyish brown, slight rusty orange stain/color, fine sand with some some clay/silt, minor pebbles to 1". No odor.
3'	(3'-5')	G	24"	Dry	1.5	(36-48") rusty orange to brown, sandy, less clay/silt than previous (48-54") dark grey clay with minor sand. No odor.

5' = Boring termination Depth

- shaded cell indicates sample taken for lab analysis

G - grab sample collected for analysis

bgs - below ground surface

ATHENICA ENVIRONMENTAL SERVICES, INC. Environmental Engineering Consultants 45-09 Greenpoint Avenue Long Island City, NY 11104 p: 718-784-7490 f: 718-784-4085 e: info@athenica.com	**Client:** Jaroah Inc **Job Name:** 710 Grand Street **Job Number:** 16-133-0553	**Boring Number:** **SB-3** **Boring Location:** 89' from north wall 9' from west wall
Field Representatives: Curtis Breuer	**Site Location:** 710 Grand Street Brooklyn, NY	**Drilling Rig Type:** Core Drill, Hand Auger **Casing Sampler Type:** N/A
Groundwater Observations: None	**Approximate Site Elevation:** 38 feet above sea level	**Date Start: 5-10-16** **Date Completed: 5-10-16**

Depth (bgs)	Sample Number	Type	Recovery (in.)	Density or Moisture	PID (ppm)	Field Identification of Soil / Remarks
0'	(0-2')	G	24"	Dry	2.4	yellowish brown, fine sand with some clay/silt. No odor.
2'	(2'-3')		12"	Dry	2.1	increase in silt/clay, brown to tan in color. No odor.
3'	(3'-5')	G	18"	Dry	2.1	same as above (insignificant change). No odor.

4.5' = Boring termination Depth

- shaded cell indicates sample taken for lab analysis

G - grab sample collected for analysis

bgs - below ground surface

APPENDIX E

SOIL VAPOR SAMPLING LOG

E-Designation Remedial Investigation - Soil Vapor Log
710 Grand Street, Brooklyn, NY

Sample ID	Sample Date	Flow Controller Readout	Start Sampling Time	Stop Sampling Time	Canister Pressure in Field ("Hg") (Start)	Canister Pressure in Field ("Hg") (Stop)
SV-1	5/11/2016	< 0.2 L/min	10:22	13:40	-30.0	-2.0
SV-2	5/11/2016	< 0.2 L/min	10:17	13:50	-26.5	-3.0
SV-3	5/11/2016	< 0.2 L/min	10:10	14:00	-28.0	-5.0

APPENDIX F

LABORATORY ANALYTICAL RESULTS FOR SOIL SAMPLES

Technical Report

prepared for:

Athenica Environmental Services, Inc.
45-09 Greenpoint Avenue
Long Island City NY, 11104
Attention: Curtis Breuer

Report Date: 05/18/2016
Client Project ID: 16-133-0553 710 Grand St.
York Project (SDG) No.: 16E0419

CT Cert. No. PH-0723 New Jersey Cert. No. CT-005 New York Cert. No. 10854 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 (203) 325-1371 FAX (203) 357-0166

Report Date: 05/18/2016
Client Project ID: 16-133-0553 710 Grand St.
York Project (SDG) No.: 16E0419

Athenica Environmental Services, Inc.
45-09 Greenpoint Avenue
Long Island City NY, 11104
Attention: Curtis Breuer

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 May 11, 2016 and listed below. The project was identified as your project: **16-133-0553 710 Grand St.**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
16E0419-01	SB-1 (0'-2')	Soil	05/10/2016	05/11/2016
16E0419-02	SB-1 (3'-5')	Soil	05/10/2016	05/11/2016
16E0419-03	SB-2 (0'-2')	Soil	05/10/2016	05/11/2016
16E0419-04	SB-2 (3'-5')	Soil	05/10/2016	05/11/2016
16E0419-05	SB-3 (0'-2')	Soil	05/10/2016	05/11/2016
16E0419-06	SB-3 (3'-5')	Soil	05/10/2016	05/11/2016

General Notes for York Project (SDG) No.: 16E0419

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

Approved By: **Date:** 05/18/2016

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: **SB-1 (0'-2')** **York Sample ID:** **16E0419-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0419	16-133-0553 710 Grand St.	Soil	May 10, 2016 3:00 pm	05/11/2016

Volatile Organics, NJDEP/TCL/Part 375 List

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	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 17:42	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:12	05/13/2016 17:42	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:12	05/13/2016 17:42	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 17:42	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:12	05/13/2016 17:42	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:12	05/13/2016 17:42	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:12	05/13/2016 17:42	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 17:42	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 17:42	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 17:42	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 17:42	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 17:42	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 17:42	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:12	05/13/2016 17:42	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:12	05/13/2016 17:42	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 17:42	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 17:42	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:12	05/13/2016 17:42	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:12	05/13/2016 17:42	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	44	89	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 17:42	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.2	8.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 17:42	SS

Sample Information

Client Sample ID: **SB-1 (0'-2')** **York Sample ID:** **16E0419-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0419	16-133-0553 710 Grand St.	Soil	May 10, 2016 3:00 pm	05/11/2016

Volatile Organics, NJDEP/TCL/Part 375 List **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	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 17:42	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 17:42	SS
67-64-1	Acetone	ND		ug/kg dry	4.4	8.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 17:42	SS
107-02-8	Acrolein	ND		ug/kg dry	4.4	8.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 17:42	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 17:42	SS
71-43-2	Benzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:12	05/13/2016 17:42	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 17:42	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:12	05/13/2016 17:42	SS
75-25-2	Bromoform	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:12	05/13/2016 17:42	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:12	05/13/2016 17:42	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 17:42	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:12	05/13/2016 17:42	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:12	05/13/2016 17:42	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:12	05/13/2016 17:42	SS
67-66-3	Chloroform	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:12	05/13/2016 17:42	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:12	05/13/2016 17:42	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 17:42	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:12	05/13/2016 17:42	SS
110-82-7	Cyclohexane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 17:42	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:12	05/13/2016 17:42	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 17:42	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 17:42	SS

Sample Information

Client Sample ID: **SB-1 (0'-2')** **York Sample ID:** **16E0419-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0419	16-133-0553 710 Grand St.	Soil	May 10, 2016 3:00 pm	05/11/2016

Volatile Organics, NJDEP/TCL/Part 375 List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:12	05/13/2016 17:42	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 17:42	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 17:42	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 17:42	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 17:42	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 17:42	SS
75-09-2	Methylene chloride	ND		ug/kg dry	4.4	8.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:12	05/13/2016 17:42	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 17:42	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 17:42	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	05/13/2016 08:12	05/13/2016 17:42	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.4	8.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	05/13/2016 08:12	05/13/2016 17:42	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 17:42	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 17:42	SS
100-42-5	Styrene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 17:42	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 17:42	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 17:42	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:12	05/13/2016 17:42	SS
108-88-3	**Toluene**	**2.4**	J	ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:12	05/13/2016 17:42	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 17:42	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:12	05/13/2016 17:42	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:12	05/13/2016 17:42	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:12	05/13/2016 17:42	SS

Sample Information

Client Sample ID: **SB-1 (0'-2')** **York Sample ID:** **16E0419-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0419	16-133-0553 710 Grand St.	Soil	May 10, 2016 3:00 pm	05/11/2016

Volatile Organics, NJDEP/TCL/Part 375 List

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
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:12	05/13/2016 17:42	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.6	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:12	05/13/2016 17:42	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*112 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*105 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*85.2 %*	*76-130*

Semi-Volatiles, NJDEP/TCL/Part 375 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
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:12	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	92.5	185	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:12	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:12	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/16/2016 07:22	05/16/2016 15:12	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:12	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/16/2016 07:22	05/16/2016 15:12	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/16/2016 07:22	05/16/2016 15:12	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	92.5	185	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:12	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:12	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:12	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:12	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:12	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	92.5	185	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:12	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:12	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:12	SR

Sample Information

Client Sample ID: **SB-1 (0'-2')** **York Sample ID:** **16E0419-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0419	16-133-0553 710 Grand St.	Soil	May 10, 2016 3:00 pm	05/11/2016

Semi-Volatiles, NJDEP/TCL/Part 375 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
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 15:12	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		ug/kg dry	46.4	92.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 15:12	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 15:12	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		ug/kg dry	46.4	92.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 15:12	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/kg dry	92.5	185	2	EPA 8270D	05/16/2016 07:22	05/16/2016 15:12	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/kg dry	46.4	92.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 15:12	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	46.4	92.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 15:12	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	46.4	92.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 15:12	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/kg dry	92.5	185	2	EPA 8270D	05/16/2016 07:22	05/16/2016 15:12	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	92.5	185	2	EPA 8270D	05/16/2016 07:22	05/16/2016 15:12	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	46.4	92.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 15:12	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	46.4	92.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 15:12	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/kg dry	46.4	92.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 15:12	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	46.4	92.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 15:12	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/kg dry	92.5	185	2	EPA 8270D	05/16/2016 07:22	05/16/2016 15:12	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		ug/kg dry	92.5	185	2	EPA 8270D	05/16/2016 07:22	05/16/2016 15:12	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 15:12	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 15:12	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		ug/kg dry	46.4	92.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 15:12	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/kg dry	185	370	2	EPA 8270D	05/16/2016 07:22	05/16/2016 15:12	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 15:12	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		ug/kg dry	46.4	92.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 15:12	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: **SB-1 (0'-2')** **York Sample ID:** **16E0419-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0419	16-133-0553 710 Grand St.	Soil	May 10, 2016 3:00 pm	05/11/2016

Semi-Volatiles, NJDEP/TCL/Part 375 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
100-52-7	Benzaldehyde	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:12	SR
92-87-5	Benzidine	ND		ug/kg dry	185	370	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	05/16/2016 07:22	05/16/2016 15:12	SR
56-55-3	**Benzo(a)anthracene**	**93.2**		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:12	SR
50-32-8	**Benzo(a)pyrene**	**65.1**	J	ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:12	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:12	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:12	SR
207-08-9	**Benzo(k)fluoranthene**	**56.2**	J	ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:12	SR
65-85-0	Benzoic acid	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:12	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:12	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:12	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:12	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:12	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:12	SR
117-81-7	**Bis(2-ethylhexyl)phthalate**	**126**		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:12	SR
105-60-2	Caprolactam	ND		ug/kg dry	92.5	185	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:12	SR
86-74-8	Carbazole	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:12	SR
218-01-9	**Chrysene**	**106**		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:12	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:12	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:12	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:12	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:12	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:12	SR

Sample Information

Client Sample ID: **SB-1 (0'-2')** **York Sample ID:** **16E0419-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0419	16-133-0553 710 Grand St.	Soil	May 10, 2016 3:00 pm	05/11/2016

Semi-Volatiles, NJDEP/TCL/Part 375 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
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:12	SR
206-44-0	**Fluoranthene**	**163**		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:12	SR
86-73-7	Fluorene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:12	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:12	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:12	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:12	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:12	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:12	SR
78-59-1	Isophorone	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:12	SR
91-20-3	Naphthalene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:12	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:12	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:12	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:12	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:12	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:12	SR
85-01-8	**Phenanthrene**	**310**		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:12	SR
108-95-2	Phenol	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:12	SR
129-00-0	**Pyrene**	**226**		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:12	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*42.6 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*46.7 %*	*23-114*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*41.7 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*43.5 %*	*21-113*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*43.4 %*	*19-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*38.6 %*	*24-116*

Sample Information

Client Sample ID: **SB-1 (0'-2')** **York Sample ID:** **16E0419-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0419	16-133-0553 710 Grand St.	Soil	May 10, 2016 3:00 pm	05/11/2016

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	1.83	1.83	5	EPA 8081B	05/17/2016 07:10	05/17/2016 21:02	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		ug/kg dry	1.83	1.83	5	EPA 8081B	05/17/2016 07:10	05/17/2016 21:02	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		ug/kg dry	1.83	1.83	5	EPA 8081B	05/17/2016 07:10	05/17/2016 21:02	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/kg dry	1.83	1.83	5	EPA 8081B	05/17/2016 07:10	05/17/2016 21:02	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/kg dry	1.83	1.83	5	EPA 8081B	05/17/2016 07:10	05/17/2016 21:02	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.83	1.83	5	EPA 8081B	05/17/2016 07:10	05/17/2016 21:02	AMC
								Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		ug/kg dry	1.83	1.83	5	EPA 8081B	05/17/2016 07:10	05/17/2016 21:02	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		ug/kg dry	73.2	73.2	5	EPA 8081B	05/17/2016 07:10	05/17/2016 21:02	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/kg dry	1.83	1.83	5	EPA 8081B	05/17/2016 07:10	05/17/2016 21:02	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		ug/kg dry	1.83	1.83	5	EPA 8081B	05/17/2016 07:10	05/17/2016 21:02	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/kg dry	1.83	1.83	5	EPA 8081B	05/17/2016 07:10	05/17/2016 21:02	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/kg dry	1.83	1.83	5	EPA 8081B	05/17/2016 07:10	05/17/2016 21:02	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.83	1.83	5	EPA 8081B	05/17/2016 07:10	05/17/2016 21:02	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/kg dry	1.83	1.83	5	EPA 8081B	05/17/2016 07:10	05/17/2016 21:02	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.83	1.83	5	EPA 8081B	05/17/2016 07:10	05/17/2016 21:02	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/kg dry	1.83	1.83	5	EPA 8081B	05/17/2016 07:10	05/17/2016 21:02	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.83	1.83	5	EPA 8081B	05/17/2016 07:10	05/17/2016 21:02	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.83	1.83	5	EPA 8081B	05/17/2016 07:10	05/17/2016 21:02	AMC
								Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		ug/kg dry	1.83	1.83	5	EPA 8081B	05/17/2016 07:10	05/17/2016 21:02	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.83	1.83	5	EPA 8081B	05/17/2016 07:10	05/17/2016 21:02	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/kg dry	9.15	9.15	5	EPA 8081B	05/17/2016 07:10	05/17/2016 21:02	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: **SB-1 (0'-2')** **York Sample ID:** **16E0419-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0419	16-133-0553 710 Grand St.	Soil	May 10, 2016 3:00 pm	05/11/2016

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	92.6	92.6	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 21:02	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*57.7 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*86.2 %*	*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	0.0185	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 17:26	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0185	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 17:26	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0185	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 17:26	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0185	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 17:26	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0185	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 17:26	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0185	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 17:26	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0185	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 17:26	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0185	0.0185	1	EPA 8082A Certifications:	05/17/2016 07:10	05/17/2016 17:26	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*65.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*77.0 %*	*30-140*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8440**		mg/kg dry	5.54	5.54	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:11	KV
7440-36-0	Antimony	ND		mg/kg dry	0.554	0.554	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:11	KV
7440-38-2	**Arsenic**	**1.42**		mg/kg dry	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:11	KV
7440-39-3	**Barium**	**24.1**		mg/kg dry	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:11	KV

Sample Information

Client Sample ID: **SB-1 (0'-2')** **York Sample ID:** **16E0419-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0419	16-133-0553 710 Grand St.	Soil	May 10, 2016 3:00 pm	05/11/2016

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	0.111	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:11	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.333	0.333	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:11	KV
7440-70-2	**Calcium**	**790**		mg/kg dry	0.554	5.54	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:11	KV
7440-47-3	**Chromium**	**19.1**		mg/kg dry	0.554	0.554	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:11	KV
7440-48-4	**Cobalt**	**6.59**		mg/kg dry	0.554	0.554	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:11	KV
7440-50-8	**Copper**	**13.2**		mg/kg dry	0.554	0.554	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:11	KV
7439-89-6	**Iron**	**13700**		mg/kg dry	2.22	2.22	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:11	KV
7439-92-1	**Lead**	**7.01**		mg/kg dry	0.333	0.333	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:11	KV
7439-95-4	**Magnesium**	**2150**		mg/kg dry	5.54	5.54	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:11	KV
7439-96-5	**Manganese**	**213**		mg/kg dry	0.554	0.554	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:11	KV
7440-02-0	**Nickel**	**10.4**		mg/kg dry	0.554	0.554	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:11	KV
7440-09-7	**Potassium**	**902**		mg/kg dry	5.54	5.54	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:11	KV
7782-49-2	Selenium	ND		mg/kg dry	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:11	KV
7440-22-4	Silver	ND		mg/kg dry	0.554	0.554	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:11	KV
7440-23-5	**Sodium**	**104**		mg/kg dry	11.1	11.1	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2016 10:17	05/12/2016 19:11	KV
7440-28-0	Thallium	ND		mg/kg dry	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:11	KV
7440-62-2	**Vanadium**	**33.5**		mg/kg dry	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:11	KV
7440-66-6	**Zinc**	**24.4**		mg/kg dry	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:11	KV

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**	**0.0366**		mg/kg dry	0.0333	0.0333	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	05/12/2016 06:36	05/12/2016 09:08	KV

Total Solids

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

Sample Information

Client Sample ID: **SB-1 (0'-2')** **York Sample ID:** **16E0419-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0419	16-133-0553 710 Grand St.	Soil	May 10, 2016 3:00 pm	05/11/2016

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**	**90.2**		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	05/17/2016 14:24	05/17/2016 18:54	LAB

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.388	0.554	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	05/13/2016 08:37	05/13/2016 15:20	LAB

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**17.2**		mg/kg	0.250	0.500	1	Calculation Certifications:	05/16/2016 07:42	05/16/2016 15:15	SC

Sample Information

Client Sample ID: **SB-1 (3'-5')** **York Sample ID:** **16E0419-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0419	16-133-0553 710 Grand St.	Soil	May 10, 2016 3:00 pm	05/11/2016

Volatile Organics, NJDEP/TCL/Part 375 List

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	05/13/2016 08:12	05/13/2016 18:12	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:12	05/13/2016 18:12	SS
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	05/13/2016 08:12	05/13/2016 18:12	SS
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	05/13/2016 08:12	05/13/2016 18:12	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:12	05/13/2016 18:12	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:12	05/13/2016 18:12	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:12	05/13/2016 18:12	SS

Sample Information

Client Sample ID: **SB-1 (3'-5')** **York Sample ID:** **16E0419-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0419	16-133-0553 710 Grand St.	Soil	May 10, 2016 3:00 pm	05/11/2016

Volatile Organics, NJDEP/TCL/Part 375 List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/13/2016 08:12	05/13/2016 18:12	SS
								Certifications:	NELAC-NY10854,NJDEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/13/2016 08:12	05/13/2016 18:12	SS
								Certifications:	NELAC-NY10854,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/13/2016 08:12	05/13/2016 18:12	SS
								Certifications:	NELAC-NY10854,NJDEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/13/2016 08:12	05/13/2016 18:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/13/2016 08:12	05/13/2016 18:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/13/2016 08:12	05/13/2016 18:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/13/2016 08:12	05/13/2016 18:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/13/2016 08:12	05/13/2016 18:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/13/2016 08:12	05/13/2016 18:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/13/2016 08:12	05/13/2016 18:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/13/2016 08:12	05/13/2016 18:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/13/2016 08:12	05/13/2016 18:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/kg dry	45	91	1	EPA 8260C	05/13/2016 08:12	05/13/2016 18:12	SS
								Certifications:	NELAC-NY10854,NJDEP		
78-93-3	2-Butanone	ND		ug/kg dry	2.3	9.1	1	EPA 8260C	05/13/2016 08:12	05/13/2016 18:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
591-78-6	2-Hexanone	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/13/2016 08:12	05/13/2016 18:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/13/2016 08:12	05/13/2016 18:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
67-64-1	Acetone	ND		ug/kg dry	4.5	9.1	1	EPA 8260C	05/13/2016 08:12	05/13/2016 18:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
107-02-8	Acrolein	ND		ug/kg dry	4.5	9.1	1	EPA 8260C	05/13/2016 08:12	05/13/2016 18:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
107-13-1	Acrylonitrile	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/13/2016 08:12	05/13/2016 18:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
71-43-2	Benzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/13/2016 08:12	05/13/2016 18:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/13/2016 08:12	05/13/2016 18:12	SS
								Certifications:	NELAC-NY10854,NJDEP		
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/13/2016 08:12	05/13/2016 18:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: **SB-1 (3'-5')** **York Sample ID:** **16E0419-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0419	16-133-0553 710 Grand St.	Soil	May 10, 2016 3:00 pm	05/11/2016

Volatile Organics, NJDEP/TCL/Part 375 List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-25-2	Bromoform	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/13/2016 08:12	05/13/2016 18:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/13/2016 08:12	05/13/2016 18:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/13/2016 08:12	05/13/2016 18:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/13/2016 08:12	05/13/2016 18:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/13/2016 08:12	05/13/2016 18:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/13/2016 08:12	05/13/2016 18:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/13/2016 08:12	05/13/2016 18:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/13/2016 08:12	05/13/2016 18:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/13/2016 08:12	05/13/2016 18:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/13/2016 08:12	05/13/2016 18:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/13/2016 08:12	05/13/2016 18:12	SS
								Certifications:	NELAC-NY10854,NJDEP		
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/13/2016 08:12	05/13/2016 18:12	SS
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/13/2016 08:12	05/13/2016 18:12	SS
								Certifications:	NELAC-NY10854,NJDEP		
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/13/2016 08:12	05/13/2016 18:12	SS
								Certifications:	NELAC-NY10854,NJDEP		
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/13/2016 08:12	05/13/2016 18:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/13/2016 08:12	05/13/2016 18:12	SS
								Certifications:	NELAC-NY10854,NJDEP		
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/13/2016 08:12	05/13/2016 18:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
79-20-9	Methyl acetate	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/13/2016 08:12	05/13/2016 18:12	SS
								Certifications:	NELAC-NY10854,NJDEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/13/2016 08:12	05/13/2016 18:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/13/2016 08:12	05/13/2016 18:12	SS
								Certifications:	NELAC-NY10854,NJDEP		
75-09-2	Methylene chloride	ND		ug/kg dry	4.5	9.1	1	EPA 8260C	05/13/2016 08:12	05/13/2016 18:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/13/2016 08:12	05/13/2016 18:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		

Sample Information

Client Sample ID: **SB-1 (3'-5')** **York Sample ID:** **16E0419-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0419	16-133-0553 710 Grand St.	Soil	May 10, 2016 3:00 pm	05/11/2016

Volatile Organics, NJDEP/TCL/Part 375 List

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
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/13/2016 08:12	05/13/2016 18:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/13/2016 08:12	05/13/2016 18:12	SS
								Certifications:	CTDOH,NELAC-NY10854		
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.5	9.1	1	EPA 8260C	05/13/2016 08:12	05/13/2016 18:12	SS
								Certifications:	CTDOH,NELAC-NY10854		
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/13/2016 08:12	05/13/2016 18:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/13/2016 08:12	05/13/2016 18:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
100-42-5	Styrene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/13/2016 08:12	05/13/2016 18:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/13/2016 08:12	05/13/2016 18:12	SS
								Certifications:	NELAC-NY10854,NJDEP		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/13/2016 08:12	05/13/2016 18:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/13/2016 08:12	05/13/2016 18:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/13/2016 08:12	05/13/2016 18:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/13/2016 08:12	05/13/2016 18:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/13/2016 08:12	05/13/2016 18:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/13/2016 08:12	05/13/2016 18:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/13/2016 08:12	05/13/2016 18:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/13/2016 08:12	05/13/2016 18:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.8	14	1	EPA 8260C	05/13/2016 08:12	05/13/2016 18:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*108 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*106 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*94.3 %*	*76-130*

Semi-Volatiles, NJDEP/TCL/Part 375 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
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	45.5	90.8	2	EPA 8270D	05/16/2016 07:22	05/16/2016 15:43	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: **SB-1 (3'-5')** **York Sample ID:** **16E0419-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0419	16-133-0553 710 Grand St.	Soil	May 10, 2016 3:00 pm	05/11/2016

Semi-Volatiles, NJDEP/TCL/Part 375 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
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	90.8	181	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:43	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:43	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/16/2016 07:22	05/16/2016 15:43	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:43	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/16/2016 07:22	05/16/2016 15:43	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/16/2016 07:22	05/16/2016 15:43	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	90.8	181	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:43	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:43	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:43	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:43	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:43	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	90.8	181	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:43	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:43	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:43	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:43	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:43	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:43	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:43	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	90.8	181	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:43	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:43	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:43	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:43	SR

Sample Information

Client Sample ID: **SB-1 (3'-5')** **York Sample ID:** **16E0419-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0419	16-133-0553 710 Grand St.	Soil	May 10, 2016 3:00 pm	05/11/2016

Semi-Volatiles, NJDEP/TCL/Part 375 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
99-09-2	3-Nitroaniline	ND		ug/kg dry	90.8	181	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:43	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	90.8	181	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:43	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:43	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:43	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:43	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:43	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	90.8	181	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:43	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	90.8	181	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:43	SR
83-32-9	Acenaphthene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:43	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:43	SR
98-86-2	Acetophenone	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:43	SR
62-53-3	Aniline	ND		ug/kg dry	182	364	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:43	SR
120-12-7	Anthracene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:43	SR
1912-24-9	Atrazine	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:43	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:43	SR
92-87-5	Benzidine	ND		ug/kg dry	182	364	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	05/16/2016 07:22	05/16/2016 15:43	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:43	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:43	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:43	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:43	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:43	SR
65-85-0	Benzoic acid	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 15:43	SR

Sample Information

Client Sample ID: **SB-1 (3'-5')** **York Sample ID:** **16E0419-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0419	16-133-0553 710 Grand St.	Soil	May 10, 2016 3:00 pm	05/11/2016

Semi-Volatiles, NJDEP/TCL/Part 375 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
100-51-6	Benzyl alcohol	ND		ug/kg dry	45.5	90.8	2	EPA 8270D	05/16/2016 07:22	05/16/2016 15:43	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	45.5	90.8	2	EPA 8270D	05/16/2016 07:22	05/16/2016 15:43	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	45.5	90.8	2	EPA 8270D	05/16/2016 07:22	05/16/2016 15:43	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	45.5	90.8	2	EPA 8270D	05/16/2016 07:22	05/16/2016 15:43	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	45.5	90.8	2	EPA 8270D	05/16/2016 07:22	05/16/2016 15:43	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	45.5	90.8	2	EPA 8270D	05/16/2016 07:22	05/16/2016 15:43	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/kg dry	90.8	181	2	EPA 8270D	05/16/2016 07:22	05/16/2016 15:43	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/kg dry	45.5	90.8	2	EPA 8270D	05/16/2016 07:22	05/16/2016 15:43	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D	05/16/2016 07:22	05/16/2016 15:43	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D	05/16/2016 07:22	05/16/2016 15:43	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/kg dry	45.5	90.8	2	EPA 8270D	05/16/2016 07:22	05/16/2016 15:43	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/kg dry	45.5	90.8	2	EPA 8270D	05/16/2016 07:22	05/16/2016 15:43	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/kg dry	45.5	90.8	2	EPA 8270D	05/16/2016 07:22	05/16/2016 15:43	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	45.5	90.8	2	EPA 8270D	05/16/2016 07:22	05/16/2016 15:43	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	45.5	90.8	2	EPA 8270D	05/16/2016 07:22	05/16/2016 15:43	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D	05/16/2016 07:22	05/16/2016 15:43	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D	05/16/2016 07:22	05/16/2016 15:43	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D	05/16/2016 07:22	05/16/2016 15:43	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D	05/16/2016 07:22	05/16/2016 15:43	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D	05/16/2016 07:22	05/16/2016 15:43	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		ug/kg dry	45.5	90.8	2	EPA 8270D	05/16/2016 07:22	05/16/2016 15:43	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D	05/16/2016 07:22	05/16/2016 15:43	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: **SB-1 (3'-5')** **York Sample ID:** **16E0419-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0419	16-133-0553 710 Grand St.	Soil	May 10, 2016 3:00 pm	05/11/2016

Semi-Volatiles, NJDEP/TCL/Part 375 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
78-59-1	Isophorone	ND		ug/kg dry	45.5	90.8	2	EPA 8270D	05/16/2016 07:22	05/16/2016 15:43	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D	05/16/2016 07:22	05/16/2016 15:43	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D	05/16/2016 07:22	05/16/2016 15:43	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	45.5	90.8	2	EPA 8270D	05/16/2016 07:22	05/16/2016 15:43	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	45.5	90.8	2	EPA 8270D	05/16/2016 07:22	05/16/2016 15:43	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	45.5	90.8	2	EPA 8270D	05/16/2016 07:22	05/16/2016 15:43	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		ug/kg dry	45.5	90.8	2	EPA 8270D	05/16/2016 07:22	05/16/2016 15:43	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D	05/16/2016 07:22	05/16/2016 15:43	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/kg dry	45.5	90.8	2	EPA 8270D	05/16/2016 07:22	05/16/2016 15:43	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D	05/16/2016 07:22	05/16/2016 15:43	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*33.8 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*35.0 %*	*23-114*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*38.4 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*33.3 %*	*21-113*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*31.1 %*	*19-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*30.5 %*	*24-116*

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	1.80	1.80	5	EPA 8081B	05/17/2016 07:10	05/17/2016 16:17	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		ug/kg dry	1.80	1.80	5	EPA 8081B	05/17/2016 07:10	05/17/2016 16:17	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		ug/kg dry	1.80	1.80	5	EPA 8081B	05/17/2016 07:10	05/17/2016 16:17	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/kg dry	1.80	1.80	5	EPA 8081B	05/17/2016 07:10	05/17/2016 16:17	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/kg dry	1.80	1.80	5	EPA 8081B	05/17/2016 07:10	05/17/2016 16:17	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: **SB-1 (3'-5')** **York Sample ID:** **16E0419-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0419	16-133-0553 710 Grand St.	Soil	May 10, 2016 3:00 pm	05/11/2016

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
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/17/2016 07:10	05/17/2016 16:17	AMC
319-85-7	beta-BHC	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 16:17	AMC
57-74-9	Chlordane, total	ND		ug/kg dry	71.8	71.8	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 16:17	AMC
319-86-8	delta-BHC	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 16:17	AMC
60-57-1	Dieldrin	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 16:17	AMC
959-98-8	Endosulfan I	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 16:17	AMC
33213-65-9	Endosulfan II	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 16:17	AMC
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 16:17	AMC
72-20-8	Endrin	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 16:17	AMC
7421-93-4	**Endrin aldehyde**	**3.33**		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 16:17	AMC
53494-70-5	Endrin ketone	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 16:17	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 16:17	AMC
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/17/2016 07:10	05/17/2016 16:17	AMC
76-44-8	Heptachlor	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 16:17	AMC
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 16:17	AMC
72-43-5	Methoxychlor	ND		ug/kg dry	8.98	8.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 16:17	AMC
8001-35-2	Toxaphene	ND		ug/kg dry	90.9	90.9	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 16:17	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*116 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*104 %*	*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

Sample Information

Client Sample ID: **SB-1 (3'-5')** **York Sample ID:** **16E0419-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0419	16-133-0553 710 Grand St.	Soil	May 10, 2016 3:00 pm	05/11/2016

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	0.0181	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 17:46	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0181	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 17:46	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0181	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 17:46	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0181	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 17:46	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0181	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 17:46	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0181	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 17:46	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0181	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 17:46	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0181	0.0181	1	EPA 8082A Certifications:	05/17/2016 07:10	05/17/2016 17:46	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*80.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*81.0 %*	*30-140*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7250**		mg/kg dry	5.44	5.44	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:16	KV
7440-36-0	Antimony	ND		mg/kg dry	0.544	0.544	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:16	KV
7440-38-2	**Arsenic**	**2.08**		mg/kg dry	1.09	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:16	KV
7440-39-3	**Barium**	**42.1**		mg/kg dry	1.09	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:16	KV
7440-41-7	Beryllium	ND		mg/kg dry	0.109	0.109	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:16	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.327	0.327	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:16	KV
7440-70-2	**Calcium**	**839**		mg/kg dry	0.544	5.44	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:16	KV
7440-47-3	**Chromium**	**18.2**		mg/kg dry	0.544	0.544	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:16	KV
7440-48-4	**Cobalt**	**12.8**		mg/kg dry	0.544	0.544	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:16	KV

Sample Information

Client Sample ID: **SB-1 (3'-5')** **York Sample ID:** **16E0419-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0419	16-133-0553 710 Grand St.	Soil	May 10, 2016 3:00 pm	05/11/2016

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
7440-50-8	**Copper**	**14.5**		mg/kg dry	0.544	0.544	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:16	KV
7439-89-6	**Iron**	**21900**		mg/kg dry	2.18	2.18	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:16	KV
7439-92-1	**Lead**	**5.90**		mg/kg dry	0.327	0.327	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:16	KV
7439-95-4	**Magnesium**	**2120**		mg/kg dry	5.44	5.44	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:16	KV
7439-96-5	**Manganese**	**1080**		mg/kg dry	0.544	0.544	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:16	KV
7440-02-0	**Nickel**	**18.3**		mg/kg dry	0.544	0.544	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:16	KV
7440-09-7	**Potassium**	**1080**		mg/kg dry	5.44	5.44	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:16	KV
7782-49-2	**Selenium**	**1.69**		mg/kg dry	1.09	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:16	KV
7440-22-4	Silver	ND		mg/kg dry	0.544	0.544	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:16	KV
7440-23-5	**Sodium**	**101**		mg/kg dry	10.9	10.9	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2016 10:17	05/12/2016 19:16	KV
7440-28-0	Thallium	ND		mg/kg dry	1.09	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:16	KV
7440-62-2	**Vanadium**	**31.7**		mg/kg dry	1.09	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:16	KV
7440-66-6	**Zinc**	**35.1**		mg/kg dry	1.09	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:16	KV

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	0.0327	0.0327	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	05/12/2016 06:36	05/12/2016 09:14	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**	**91.9**		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	05/17/2016 14:24	05/17/2016 18:54	LAB

Chromium, Hexavalent

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

Sample Information

Client Sample ID: **SB-1 (3'-5')** **York Sample ID:** **16E0419-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0419	16-133-0553 710 Grand St.	Soil	May 10, 2016 3:00 pm	05/11/2016

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.381	0.544	1	EPA 7196A	05/13/2016 08:37	05/13/2016 15:20	LAB
								Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**16.8**		mg/kg	0.250	0.500	1	Calculation	05/16/2016 07:42	05/16/2016 15:15	SC
								Certifications:			

Sample Information

Client Sample ID: **SB-2 (0'-2')** **York Sample ID:** **16E0419-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0419	16-133-0553 710 Grand St.	Soil	May 10, 2016 3:00 pm	05/11/2016

Volatile Organics, NJDEP/TCL/Part 375 List **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	2.4	4.8	1	EPA 8260C	05/13/2016 08:12	05/13/2016 18:43	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/13/2016 08:12	05/13/2016 18:43	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/13/2016 08:12	05/13/2016 18:43	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/13/2016 08:12	05/13/2016 18:43	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/13/2016 08:12	05/13/2016 18:43	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/13/2016 08:12	05/13/2016 18:43	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/13/2016 08:12	05/13/2016 18:43	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/13/2016 08:12	05/13/2016 18:43	SS
								Certifications: NELAC-NY10854,NJDEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/13/2016 08:12	05/13/2016 18:43	SS
								Certifications: NELAC-NY10854,NJDEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/13/2016 08:12	05/13/2016 18:43	SS
								Certifications: NELAC-NY10854,NJDEP			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/13/2016 08:12	05/13/2016 18:43	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			

Sample Information

Client Sample ID: **SB-2 (0'-2')** **York Sample ID:** **16E0419-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0419	16-133-0553 710 Grand St.	Soil	May 10, 2016 3:00 pm	05/11/2016

Volatile Organics, NJDEP/TCL/Part 375 List **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
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 18:43	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 18:43	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:12	05/13/2016 18:43	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:12	05/13/2016 18:43	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 18:43	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 18:43	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:12	05/13/2016 18:43	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:12	05/13/2016 18:43	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	48	96	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 18:43	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.4	9.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 18:43	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 18:43	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 18:43	SS
67-64-1	**Acetone**	**7.0**	SCAL-E, J	ug/kg dry	4.8	9.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 18:43	SS
107-02-8	Acrolein	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 18:43	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 18:43	SS
71-43-2	Benzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:12	05/13/2016 18:43	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 18:43	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:12	05/13/2016 18:43	SS
75-25-2	Bromoform	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:12	05/13/2016 18:43	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:12	05/13/2016 18:43	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 18:43	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:12	05/13/2016 18:43	SS

Sample Information

Client Sample ID: **SB-2 (0'-2')** **York Sample ID:** **16E0419-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0419	16-133-0553 710 Grand St.	Soil	May 10, 2016 3:00 pm	05/11/2016

Volatile Organics, NJDEP/TCL/Part 375 List **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
108-90-7	Chlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:12	05/13/2016 18:43	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:12	05/13/2016 18:43	SS
67-66-3	Chloroform	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:12	05/13/2016 18:43	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:12	05/13/2016 18:43	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 18:43	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:12	05/13/2016 18:43	SS
110-82-7	Cyclohexane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 18:43	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:12	05/13/2016 18:43	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 18:43	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 18:43	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:12	05/13/2016 18:43	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 18:43	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 18:43	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 18:43	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 18:43	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 18:43	SS
75-09-2	Methylene chloride	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:12	05/13/2016 18:43	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 18:43	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 18:43	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	05/13/2016 08:12	05/13/2016 18:43	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	05/13/2016 08:12	05/13/2016 18:43	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 18:43	SS

Sample Information

Client Sample ID: **SB-2 (0'-2')** **York Sample ID:** **16E0419-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0419	16-133-0553 710 Grand St.	Soil	May 10, 2016 3:00 pm	05/11/2016

Volatile Organics, NJDEP/TCL/Part 375 List

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
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 18:43	SS
100-42-5	Styrene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 18:43	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 18:43	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 18:43	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:12	05/13/2016 18:43	SS
108-88-3	Toluene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:12	05/13/2016 18:43	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 18:43	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:12	05/13/2016 18:43	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:12	05/13/2016 18:43	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:12	05/13/2016 18:43	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:12	05/13/2016 18:43	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.2	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:12	05/13/2016 18:43	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*106 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*93.4 %*	*76-130*

Semi-Volatiles, NJDEP/TCL/Part 375 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
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:14	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	95.4	191	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:14	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:14	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/16/2016 07:22	05/16/2016 16:14	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:14	SR

Sample Information

Client Sample ID: **SB-2 (0'-2')** **York Sample ID:** **16E0419-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0419	16-133-0553 710 Grand St.	Soil	May 10, 2016 3:00 pm	05/11/2016

Semi-Volatiles, NJDEP/TCL/Part 375 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
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/16/2016 07:22	05/16/2016 16:14	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/16/2016 07:22	05/16/2016 16:14	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	95.4	191	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:14	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:14	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:14	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:14	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:14	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	95.4	191	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:14	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:14	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:14	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:14	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:14	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:14	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:14	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	95.4	191	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:14	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:14	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:14	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:14	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	95.4	191	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:14	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	95.4	191	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:14	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:14	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:14	SR

Sample Information

Client Sample ID: **SB-2 (0'-2')** **York Sample ID:** **16E0419-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0419	16-133-0553 710 Grand St.	Soil	May 10, 2016 3:00 pm	05/11/2016

Semi-Volatiles, NJDEP/TCL/Part 375 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
106-47-8	4-Chloroaniline	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:14	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:14	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	95.4	191	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:14	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	95.4	191	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:14	SR
83-32-9	Acenaphthene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:14	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:14	SR
98-86-2	Acetophenone	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:14	SR
62-53-3	Aniline	ND		ug/kg dry	191	382	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:14	SR
120-12-7	**Anthracene**	**417**		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:14	SR
1912-24-9	Atrazine	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:14	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:14	SR
92-87-5	Benzidine	ND		ug/kg dry	191	382	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	05/16/2016 07:22	05/16/2016 16:14	SR
56-55-3	**Benzo(a)anthracene**	**133**		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:14	SR
50-32-8	**Benzo(a)pyrene**	**130**		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:14	SR
205-99-2	**Benzo(b)fluoranthene**	**59.5**	J	ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:14	SR
191-24-2	**Benzo(g,h,i)perylene**	**61.8**	J	ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:14	SR
207-08-9	**Benzo(k)fluoranthene**	**67.8**	J	ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:14	SR
65-85-0	Benzoic acid	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:14	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:14	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:14	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:14	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:14	SR

Sample Information

Client Sample ID: **SB-2 (0'-2')** **York Sample ID:** **16E0419-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0419	16-133-0553 710 Grand St.	Soil	May 10, 2016 3:00 pm	05/11/2016

Semi-Volatiles, NJDEP/TCL/Part 375 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
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:14	SR
117-81-7	**Bis(2-ethylhexyl)phthalate**	**301**		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:14	SR
105-60-2	Caprolactam	ND		ug/kg dry	95.4	191	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:14	SR
86-74-8	Carbazole	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:14	SR
218-01-9	**Chrysene**	**146**		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:14	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:14	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:14	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:14	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:14	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:14	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:14	SR
206-44-0	**Fluoranthene**	**217**		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:14	SR
86-73-7	**Fluorene**	**62.5**	J	ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:14	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:14	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:14	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:14	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:14	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:14	SR
78-59-1	Isophorone	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:14	SR
91-20-3	**Naphthalene**	**96.1**		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:14	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:14	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:14	SR

Sample Information

Client Sample ID: **SB-2 (0'-2')** **York Sample ID:** **16E0419-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0419	16-133-0553 710 Grand St.	Soil	May 10, 2016 3:00 pm	05/11/2016

Semi-Volatiles, NJDEP/TCL/Part 375 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
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.8	95.4	2	EPA 8270D	05/16/2016 07:22	05/16/2016 16:14	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	47.8	95.4	2	EPA 8270D	05/16/2016 07:22	05/16/2016 16:14	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		ug/kg dry	47.8	95.4	2	EPA 8270D	05/16/2016 07:22	05/16/2016 16:14	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**445**		ug/kg dry	47.8	95.4	2	EPA 8270D	05/16/2016 07:22	05/16/2016 16:14	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/kg dry	47.8	95.4	2	EPA 8270D	05/16/2016 07:22	05/16/2016 16:14	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**271**		ug/kg dry	47.8	95.4	2	EPA 8270D	05/16/2016 07:22	05/16/2016 16:14	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*33.5 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*37.8 %*	*23-114*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*39.4 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*33.0 %*	*21-113*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*32.8 %*	*19-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*30.6 %*	*24-116*

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	1.89	1.89	5	EPA 8081B	05/17/2016 07:10	05/17/2016 21:17	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		ug/kg dry	1.89	1.89	5	EPA 8081B	05/17/2016 07:10	05/17/2016 21:17	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		ug/kg dry	1.89	1.89	5	EPA 8081B	05/17/2016 07:10	05/17/2016 21:17	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/kg dry	1.89	1.89	5	EPA 8081B	05/17/2016 07:10	05/17/2016 21:17	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/kg dry	1.89	1.89	5	EPA 8081B	05/17/2016 07:10	05/17/2016 21:17	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.89	1.89	5	EPA 8081B	05/17/2016 07:10	05/17/2016 21:17	AMC
								Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		ug/kg dry	1.89	1.89	5	EPA 8081B	05/17/2016 07:10	05/17/2016 21:17	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		ug/kg dry	75.5	75.5	5	EPA 8081B	05/17/2016 07:10	05/17/2016 21:17	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/kg dry	1.89	1.89	5	EPA 8081B	05/17/2016 07:10	05/17/2016 21:17	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: **SB-2 (0'-2')** **York Sample ID:** **16E0419-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0419	16-133-0553 710 Grand St.	Soil	May 10, 2016 3:00 pm	05/11/2016

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
60-57-1	Dieldrin	ND		ug/kg dry	1.89	1.89	5	EPA 8081B	05/17/2016 07:10	05/17/2016 21:17	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/kg dry	1.89	1.89	5	EPA 8081B	05/17/2016 07:10	05/17/2016 21:17	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/kg dry	1.89	1.89	5	EPA 8081B	05/17/2016 07:10	05/17/2016 21:17	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.89	1.89	5	EPA 8081B	05/17/2016 07:10	05/17/2016 21:17	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/kg dry	1.89	1.89	5	EPA 8081B	05/17/2016 07:10	05/17/2016 21:17	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.89	1.89	5	EPA 8081B	05/17/2016 07:10	05/17/2016 21:17	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/kg dry	1.89	1.89	5	EPA 8081B	05/17/2016 07:10	05/17/2016 21:17	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.89	1.89	5	EPA 8081B	05/17/2016 07:10	05/17/2016 21:17	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.89	1.89	5	EPA 8081B	05/17/2016 07:10	05/17/2016 21:17	AMC
								Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		ug/kg dry	1.89	1.89	5	EPA 8081B	05/17/2016 07:10	05/17/2016 21:17	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.89	1.89	5	EPA 8081B	05/17/2016 07:10	05/17/2016 21:17	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/kg dry	9.43	9.43	5	EPA 8081B	05/17/2016 07:10	05/17/2016 21:17	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/kg dry	95.5	95.5	5	EPA 8081B	05/17/2016 07:10	05/17/2016 21:17	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*65.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*113 %*	*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	05/17/2016 07:10	05/17/2016 18:05	AMC
								Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0191	0.0191	1	EPA 8082A	05/17/2016 07:10	05/17/2016 18:05	AMC
								Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0191	0.0191	1	EPA 8082A	05/17/2016 07:10	05/17/2016 18:05	AMC
								Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0191	0.0191	1	EPA 8082A	05/17/2016 07:10	05/17/2016 18:05	AMC
								Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: **SB-2 (0'-2')** **York Sample ID:** **16E0419-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0419	16-133-0553 710 Grand St.	Soil	May 10, 2016 3:00 pm	05/11/2016

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
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0191	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 18:05	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0191	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 18:05	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0191	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 18:05	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0191	0.0191	1	EPA 8082A Certifications:	05/17/2016 07:10	05/17/2016 18:05	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*66.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*96.0 %*	*30-140*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**10200**		mg/kg dry	5.72	5.72	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:21	KV
7440-36-0	Antimony	ND		mg/kg dry	0.572	0.572	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:21	KV
7440-38-2	**Arsenic**	**1.93**		mg/kg dry	1.14	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:21	KV
7440-39-3	**Barium**	**34.8**		mg/kg dry	1.14	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:21	KV
7440-41-7	Beryllium	ND		mg/kg dry	0.114	0.114	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:21	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.343	0.343	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:21	KV
7440-70-2	**Calcium**	**2770**		mg/kg dry	0.572	5.72	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:21	KV
7440-47-3	**Chromium**	**18.7**		mg/kg dry	0.572	0.572	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:21	KV
7440-48-4	**Cobalt**	**22.1**		mg/kg dry	0.572	0.572	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:21	KV
7440-50-8	**Copper**	**14.9**		mg/kg dry	0.572	0.572	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:21	KV
7439-89-6	**Iron**	**12600**		mg/kg dry	2.29	2.29	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:21	KV
7439-92-1	**Lead**	**6.54**		mg/kg dry	0.343	0.343	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:21	KV
7439-95-4	**Magnesium**	**2440**		mg/kg dry	5.72	5.72	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:21	KV
7439-96-5	**Manganese**	**83.4**		mg/kg dry	0.572	0.572	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:21	KV

Sample Information

Client Sample ID: **SB-2 (0'-2')** **York Sample ID:** **16E0419-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0419	16-133-0553 710 Grand St.	Soil	May 10, 2016 3:00 pm	05/11/2016

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
7440-02-0	**Nickel**	**16.2**		mg/kg dry	0.572	0.572	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:21	KV
7440-09-7	**Potassium**	**1100**		mg/kg dry	5.72	5.72	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:21	KV
7782-49-2	Selenium	ND		mg/kg dry	1.14	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:21	KV
7440-22-4	Silver	ND		mg/kg dry	0.572	0.572	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:21	KV
7440-23-5	**Sodium**	**113**		mg/kg dry	11.4	11.4	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2016 10:17	05/12/2016 19:21	KV
7440-28-0	Thallium	ND		mg/kg dry	1.14	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:21	KV
7440-62-2	**Vanadium**	**22.7**		mg/kg dry	1.14	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:21	KV
7440-66-6	**Zinc**	**36.6**		mg/kg dry	1.14	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:21	KV

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**	**0.0390**		mg/kg dry	0.0343	0.0343	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	05/12/2016 06:36	05/12/2016 09:23	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**	**87.4**		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	05/17/2016 14:24	05/17/2016 18:54	LAB

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.400	0.572	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	05/13/2016 08:37	05/13/2016 15:20	LAB

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**16.4**		mg/kg	0.250	0.500	1	Calculation Certifications:	05/16/2016 07:42	05/16/2016 15:15	SC

Sample Information

Client Sample ID: **SB-2 (0'-2')** **York Sample ID:** **16E0419-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0419	16-133-0553 710 Grand St.	Soil	May 10, 2016 3:00 pm	05/11/2016

Sample Information

Client Sample ID: **SB-2 (3'-5')** **York Sample ID:** **16E0419-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0419	16-133-0553 710 Grand St.	Soil	May 10, 2016 3:00 pm	05/11/2016

Volatile Organics, NJDEP/TCL/Part 375 List **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	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 19:13	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:12	05/13/2016 19:13	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:12	05/13/2016 19:13	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 19:13	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:12	05/13/2016 19:13	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:12	05/13/2016 19:13	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:12	05/13/2016 19:13	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 19:13	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 19:13	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 19:13	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 19:13	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 19:13	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 19:13	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:12	05/13/2016 19:13	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:12	05/13/2016 19:13	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 19:13	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 19:13	SS

Sample Information

Client Sample ID: SB-2 (3'-5')

York Sample ID: 16E0419-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0419	16-133-0553 710 Grand St.	Soil	May 10, 2016 3:00 pm	05/11/2016

Volatile Organics, NJDEP/TCL/Part 375 List

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
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	05/13/2016 08:12	05/13/2016 19:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	05/13/2016 08:12	05/13/2016 19:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/kg dry	42	83	1	EPA 8260C	05/13/2016 08:12	05/13/2016 19:13	SS
								Certifications:	NELAC-NY10854,NJDEP		
78-93-3	2-Butanone	ND		ug/kg dry	2.1	8.3	1	EPA 8260C	05/13/2016 08:12	05/13/2016 19:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
591-78-6	2-Hexanone	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	05/13/2016 08:12	05/13/2016 19:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	05/13/2016 08:12	05/13/2016 19:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
67-64-1	Acetone	ND		ug/kg dry	4.2	8.3	1	EPA 8260C	05/13/2016 08:12	05/13/2016 19:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
107-02-8	Acrolein	ND		ug/kg dry	4.2	8.3	1	EPA 8260C	05/13/2016 08:12	05/13/2016 19:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
107-13-1	Acrylonitrile	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	05/13/2016 08:12	05/13/2016 19:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
71-43-2	Benzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	05/13/2016 08:12	05/13/2016 19:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	05/13/2016 08:12	05/13/2016 19:13	SS
								Certifications:	NELAC-NY10854,NJDEP		
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	05/13/2016 08:12	05/13/2016 19:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	05/13/2016 08:12	05/13/2016 19:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	05/13/2016 08:12	05/13/2016 19:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	05/13/2016 08:12	05/13/2016 19:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	05/13/2016 08:12	05/13/2016 19:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	05/13/2016 08:12	05/13/2016 19:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	05/13/2016 08:12	05/13/2016 19:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	05/13/2016 08:12	05/13/2016 19:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	05/13/2016 08:12	05/13/2016 19:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	05/13/2016 08:12	05/13/2016 19:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	05/13/2016 08:12	05/13/2016 19:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: **SB-2 (3'-5')** **York Sample ID:** **16E0419-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0419	16-133-0553 710 Grand St.	Soil	May 10, 2016 3:00 pm	05/11/2016

Volatile Organics, NJDEP/TCL/Part 375 List **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
110-82-7	Cyclohexane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 19:13	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:12	05/13/2016 19:13	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 19:13	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 19:13	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:12	05/13/2016 19:13	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 19:13	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 19:13	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 19:13	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 19:13	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 19:13	SS
75-09-2	Methylene chloride	ND		ug/kg dry	4.2	8.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:12	05/13/2016 19:13	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 19:13	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 19:13	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	05/13/2016 08:12	05/13/2016 19:13	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.2	8.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	05/13/2016 08:12	05/13/2016 19:13	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 19:13	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 19:13	SS
100-42-5	Styrene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 19:13	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 19:13	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:12	05/13/2016 19:13	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:12	05/13/2016 19:13	SS
108-88-3	**Toluene**	**2.1**	J	ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:12	05/13/2016 19:13	SS

Sample Information

Client Sample ID: **SB-2 (3'-5')** **York Sample ID:** **16E0419-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0419	16-133-0553 710 Grand St.	Soil	May 10, 2016 3:00 pm	05/11/2016

Volatile Organics, NJDEP/TCL/Part 375 List

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
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	05/13/2016 08:12	05/13/2016 19:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	05/13/2016 08:12	05/13/2016 19:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	05/13/2016 08:12	05/13/2016 19:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	05/13/2016 08:12	05/13/2016 19:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	05/13/2016 08:12	05/13/2016 19:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.2	12	1	EPA 8260C	05/13/2016 08:12	05/13/2016 19:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*110 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*104 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*89.8 %*	*76-130*

Semi-Volatiles, NJDEP/TCL/Part 375 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
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	45.9	91.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 16:46	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	91.5	183	2	EPA 8270D	05/16/2016 07:22	05/16/2016 16:46	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	45.9	91.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 16:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	45.9	91.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 16:46	SR
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	45.9	91.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 16:46	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	45.9	91.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 16:46	SR
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	45.9	91.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 16:46	SR
								Certifications:	NELAC-NY10854,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	91.5	183	2	EPA 8270D	05/16/2016 07:22	05/16/2016 16:46	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	45.9	91.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 16:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	45.9	91.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 16:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	45.9	91.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 16:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: **SB-2 (3'-5')** **York Sample ID:** **16E0419-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0419	16-133-0553 710 Grand St.	Soil	May 10, 2016 3:00 pm	05/11/2016

Semi-Volatiles, NJDEP/TCL/Part 375 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
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	45.9	91.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 16:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	91.5	183	2	EPA 8270D	05/16/2016 07:22	05/16/2016 16:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	45.9	91.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 16:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	45.9	91.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 16:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	45.9	91.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 16:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		ug/kg dry	45.9	91.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 16:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	45.9	91.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 16:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		ug/kg dry	45.9	91.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 16:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/kg dry	91.5	183	2	EPA 8270D	05/16/2016 07:22	05/16/2016 16:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/kg dry	45.9	91.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 16:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	45.9	91.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 16:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	45.9	91.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 16:46	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/kg dry	91.5	183	2	EPA 8270D	05/16/2016 07:22	05/16/2016 16:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	91.5	183	2	EPA 8270D	05/16/2016 07:22	05/16/2016 16:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	45.9	91.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 16:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	45.9	91.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 16:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/kg dry	45.9	91.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 16:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	45.9	91.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 16:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/kg dry	91.5	183	2	EPA 8270D	05/16/2016 07:22	05/16/2016 16:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		ug/kg dry	91.5	183	2	EPA 8270D	05/16/2016 07:22	05/16/2016 16:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		ug/kg dry	45.9	91.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 16:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		ug/kg dry	45.9	91.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 16:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: **SB-2 (3'-5')** **York Sample ID:** **16E0419-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0419	16-133-0553 710 Grand St.	Soil	May 10, 2016 3:00 pm	05/11/2016

Semi-Volatiles, NJDEP/TCL/Part 375 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
98-86-2	Acetophenone	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:46	SR
62-53-3	Aniline	ND		ug/kg dry	183	367	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:46	SR
120-12-7	Anthracene	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:46	SR
1912-24-9	Atrazine	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:46	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:46	SR
92-87-5	Benzidine	ND		ug/kg dry	183	367	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	05/16/2016 07:22	05/16/2016 16:46	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:46	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:46	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:46	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:46	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:46	SR
65-85-0	Benzoic acid	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:46	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:46	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:46	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:46	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:46	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:46	SR
117-81-7	**Bis(2-ethylhexyl)phthalate**	**151**		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:46	SR
105-60-2	Caprolactam	ND		ug/kg dry	91.5	183	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:46	SR
86-74-8	Carbazole	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:46	SR
218-01-9	Chrysene	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:46	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 16:46	SR

Sample Information

Client Sample ID: **SB-2 (3'-5')** **York Sample ID:** **16E0419-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0419	16-133-0553 710 Grand St.	Soil	May 10, 2016 3:00 pm	05/11/2016

Semi-Volatiles, NJDEP/TCL/Part 375 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
132-64-9	Dibenzofuran	ND		ug/kg dry	45.9	91.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 16:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/kg dry	45.9	91.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 16:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/kg dry	45.9	91.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 16:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	45.9	91.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 16:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	45.9	91.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 16:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		ug/kg dry	45.9	91.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 16:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		ug/kg dry	45.9	91.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 16:46	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		ug/kg dry	45.9	91.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 16:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	45.9	91.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 16:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	45.9	91.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 16:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		ug/kg dry	45.9	91.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 16:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	45.9	91.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 16:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/kg dry	45.9	91.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 16:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		ug/kg dry	45.9	91.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 16:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		ug/kg dry	45.9	91.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 16:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	45.9	91.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 16:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	45.9	91.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 16:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	45.9	91.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 16:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		ug/kg dry	45.9	91.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 16:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		ug/kg dry	45.9	91.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 16:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/kg dry	45.9	91.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 16:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		ug/kg dry	45.9	91.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 16:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: **SB-2 (3'-5')** **York Sample ID:** **16E0419-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0419	16-133-0553 710 Grand St.	Soil	May 10, 2016 3:00 pm	05/11/2016

Semi-Volatiles, NJDEP/TCL/Part 375 List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**			**Acceptance Range**						
367-12-4	*Surrogate: 2-Fluorophenol*	*32.3 %*			*20-108*						
4165-62-2	*Surrogate: Phenol-d5*	*32.9 %*			*23-114*						
4165-60-0	*Surrogate: Nitrobenzene-d5*	*24.5 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*23.6 %*			*21-113*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*20.4 %*			*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*22.2 %*	S-08		*24-116*						

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	05/17/2016 07:10	05/17/2016 16:32	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		ug/kg dry	1.81	1.81	5	EPA 8081B	05/17/2016 07:10	05/17/2016 16:32	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		ug/kg dry	1.81	1.81	5	EPA 8081B	05/17/2016 07:10	05/17/2016 16:32	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/kg dry	1.81	1.81	5	EPA 8081B	05/17/2016 07:10	05/17/2016 16:32	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/kg dry	1.81	1.81	5	EPA 8081B	05/17/2016 07:10	05/17/2016 16:32	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.81	1.81	5	EPA 8081B	05/17/2016 07:10	05/17/2016 16:32	AMC
								Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		ug/kg dry	1.81	1.81	5	EPA 8081B	05/17/2016 07:10	05/17/2016 16:32	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		ug/kg dry	72.4	72.4	5	EPA 8081B	05/17/2016 07:10	05/17/2016 16:32	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/kg dry	1.81	1.81	5	EPA 8081B	05/17/2016 07:10	05/17/2016 16:32	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		ug/kg dry	1.81	1.81	5	EPA 8081B	05/17/2016 07:10	05/17/2016 16:32	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/kg dry	1.81	1.81	5	EPA 8081B	05/17/2016 07:10	05/17/2016 16:32	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/kg dry	1.81	1.81	5	EPA 8081B	05/17/2016 07:10	05/17/2016 16:32	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.81	1.81	5	EPA 8081B	05/17/2016 07:10	05/17/2016 16:32	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/kg dry	1.81	1.81	5	EPA 8081B	05/17/2016 07:10	05/17/2016 16:32	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.81	1.81	5	EPA 8081B	05/17/2016 07:10	05/17/2016 16:32	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: **SB-2 (3'-5')** **York Sample ID:** **16E0419-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0419	16-133-0553 710 Grand St.	Soil	May 10, 2016 3:00 pm	05/11/2016

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
53494-70-5	Endrin ketone	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 16:32	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 16:32	AMC
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/17/2016 07:10	05/17/2016 16:32	AMC
76-44-8	Heptachlor	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 16:32	AMC
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 16:32	AMC
72-43-5	Methoxychlor	ND		ug/kg dry	9.05	9.05	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 16:32	AMC
8001-35-2	Toxaphene	ND		ug/kg dry	91.6	91.6	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 16:32	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*103 %*	*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	0.0183	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 18:24	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0183	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 18:24	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0183	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 18:24	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0183	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 18:24	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0183	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 18:24	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0183	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 18:24	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0183	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 18:24	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0183	0.0183	1	EPA 8082A Certifications:	05/17/2016 07:10	05/17/2016 18:24	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*72.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*86.5 %*	*30-140*

Sample Information

Client Sample ID: **SB-2 (3'-5')** **York Sample ID:** **16E0419-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0419	16-133-0553 710 Grand St.	Soil	May 10, 2016 3:00 pm	05/11/2016

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**	**7110**		mg/kg dry	5.49	5.49	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:26	KV
7440-36-0	Antimony	ND		mg/kg dry	0.549	0.549	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:26	KV
7440-38-2	**Arsenic**	**2.15**		mg/kg dry	1.10	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:26	KV
7440-39-3	**Barium**	**33.1**		mg/kg dry	1.10	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:26	KV
7440-41-7	Beryllium	ND		mg/kg dry	0.110	0.110	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:26	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.329	0.329	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:26	KV
7440-70-2	**Calcium**	**759**		mg/kg dry	0.549	5.49	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:26	KV
7440-47-3	**Chromium**	**17.6**		mg/kg dry	0.549	0.549	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:26	KV
7440-48-4	**Cobalt**	**4.54**		mg/kg dry	0.549	0.549	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:26	KV
7440-50-8	**Copper**	**12.1**		mg/kg dry	0.549	0.549	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:26	KV
7439-89-6	**Iron**	**10700**		mg/kg dry	2.20	2.20	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:26	KV
7439-92-1	**Lead**	**5.34**		mg/kg dry	0.329	0.329	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:26	KV
7439-95-4	**Magnesium**	**1640**		mg/kg dry	5.49	5.49	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:26	KV
7439-96-5	**Manganese**	**115**		mg/kg dry	0.549	0.549	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:26	KV
7440-02-0	**Nickel**	**10.6**		mg/kg dry	0.549	0.549	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:26	KV
7440-09-7	**Potassium**	**973**		mg/kg dry	5.49	5.49	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:26	KV
7782-49-2	Selenium	ND		mg/kg dry	1.10	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:26	KV
7440-22-4	Silver	ND		mg/kg dry	0.549	0.549	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:26	KV
7440-23-5	**Sodium**	**82.3**		mg/kg dry	11.0	11.0	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2016 10:17	05/12/2016 19:26	KV
7440-28-0	Thallium	ND		mg/kg dry	1.10	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:26	KV
7440-62-2	**Vanadium**	**25.4**		mg/kg dry	1.10	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:26	KV
7440-66-6	**Zinc**	**21.3**		mg/kg dry	1.10	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:26	KV

Sample Information

Client Sample ID: **SB-2 (3'-5')** **York Sample ID:** **16E0419-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0419	16-133-0553 710 Grand St.	Soil	May 10, 2016 3:00 pm	05/11/2016

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	0.0329	0.0329	1	EPA 7473	05/12/2016 06:36	05/12/2016 09:32	KV
								Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

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**	**91.1**		%	0.100	0.100	1	SM 2540G	05/17/2016 14:24	05/17/2016 18:54	LAB
								Certifications: CTDOH			

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.384	0.549	1	EPA 7196A	05/13/2016 08:37	05/13/2016 15:20	LAB
								Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**16.0**		mg/kg	0.250	0.500	1	Calculation	05/16/2016 07:42	05/16/2016 15:15	SC
								Certifications:			

Sample Information

Client Sample ID: **SB-3 (0'-2')** **York Sample ID:** **16E0419-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0419	16-133-0553 710 Grand St.	Soil	May 10, 2016 3:00 pm	05/11/2016

Volatile Organics, NJDEP/TCL/Part 375 List

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	05/13/2016 08:08	05/13/2016 15:56	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	05/13/2016 08:08	05/13/2016 15:56	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	05/13/2016 08:08	05/13/2016 15:56	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: **SB-3 (0'-2')** **York Sample ID:** **16E0419-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0419	16-133-0553 710 Grand St.	Soil	May 10, 2016 3:00 pm	05/11/2016

Volatile Organics, NJDEP/TCL/Part 375 List **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
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	05/13/2016 08:08	05/13/2016 15:56	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	05/13/2016 08:08	05/13/2016 15:56	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:08	05/13/2016 15:56	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:08	05/13/2016 15:56	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/13/2016 08:08	05/13/2016 15:56	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/13/2016 08:08	05/13/2016 15:56	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/13/2016 08:08	05/13/2016 15:56	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:08	05/13/2016 15:56	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	05/13/2016 08:08	05/13/2016 15:56	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:08	05/13/2016 15:56	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:08	05/13/2016 15:56	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:08	05/13/2016 15:56	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:08	05/13/2016 15:56	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:08	05/13/2016 15:56	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:08	05/13/2016 15:56	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:08	05/13/2016 15:56	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	47	93	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/13/2016 08:08	05/13/2016 15:56	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:08	05/13/2016 15:56	BK
591-78-6	2-Hexanone	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:08	05/13/2016 15:56	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:08	05/13/2016 15:56	BK
67-64-1	**Acetone**	**10**	CCV-E, SCAL-E	ug/kg dry	4.7	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:08	05/13/2016 15:56	BK

Sample Information

Client Sample ID: SB-3 (0'-2')

York Sample ID: 16E0419-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0419	16-133-0553 710 Grand St.	Soil	May 10, 2016 3:00 pm	05/11/2016

Volatile Organics, NJDEP/TCL/Part 375 List

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	4.7	9.3	1	EPA 8260C	05/13/2016 08:08	05/13/2016 15:56	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
107-13-1	Acrylonitrile	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	05/13/2016 08:08	05/13/2016 15:56	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
71-43-2	Benzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	05/13/2016 08:08	05/13/2016 15:56	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	05/13/2016 08:08	05/13/2016 15:56	BK
								Certifications:	NELAC-NY10854,NJDEP		
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	05/13/2016 08:08	05/13/2016 15:56	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	05/13/2016 08:08	05/13/2016 15:56	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	05/13/2016 08:08	05/13/2016 15:56	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	05/13/2016 08:08	05/13/2016 15:56	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	05/13/2016 08:08	05/13/2016 15:56	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	05/13/2016 08:08	05/13/2016 15:56	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	05/13/2016 08:08	05/13/2016 15:56	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	05/13/2016 08:08	05/13/2016 15:56	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	05/13/2016 08:08	05/13/2016 15:56	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	05/13/2016 08:08	05/13/2016 15:56	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	05/13/2016 08:08	05/13/2016 15:56	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	05/13/2016 08:08	05/13/2016 15:56	BK
								Certifications:	NELAC-NY10854,NJDEP		
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	05/13/2016 08:08	05/13/2016 15:56	BK
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	05/13/2016 08:08	05/13/2016 15:56	BK
								Certifications:	NELAC-NY10854,NJDEP		
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	05/13/2016 08:08	05/13/2016 15:56	BK
								Certifications:	NELAC-NY10854,NJDEP		
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	05/13/2016 08:08	05/13/2016 15:56	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	05/13/2016 08:08	05/13/2016 15:56	BK
								Certifications:	NELAC-NY10854,NJDEP		
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	05/13/2016 08:08	05/13/2016 15:56	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		

Sample Information

Client Sample ID: **SB-3 (0'-2')** **York Sample ID:** **16E0419-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0419	16-133-0553 710 Grand St.	Soil	May 10, 2016 3:00 pm	05/11/2016

Volatile Organics, NJDEP/TCL/Part 375 List

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	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/13/2016 08:08	05/13/2016 15:56	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	05/13/2016 08:08	05/13/2016 15:56	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/13/2016 08:08	05/13/2016 15:56	BK
75-09-2	Methylene chloride	ND		ug/kg dry	4.7	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:08	05/13/2016 15:56	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:08	05/13/2016 15:56	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:08	05/13/2016 15:56	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	05/13/2016 08:08	05/13/2016 15:56	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.7	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	05/13/2016 08:08	05/13/2016 15:56	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:08	05/13/2016 15:56	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:08	05/13/2016 15:56	BK
100-42-5	Styrene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:08	05/13/2016 15:56	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	4.7	9.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/13/2016 08:08	05/13/2016 15:56	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:08	05/13/2016 15:56	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:08	05/13/2016 15:56	BK
108-88-3	Toluene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:08	05/13/2016 15:56	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:08	05/13/2016 15:56	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	05/13/2016 08:08	05/13/2016 15:56	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:08	05/13/2016 15:56	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:08	05/13/2016 15:56	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:08	05/13/2016 15:56	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.0	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:08	05/13/2016 15:56	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*102 %*	*77-125*

Sample Information

Client Sample ID: **SB-3 (0'-2')** **York Sample ID:** **16E0419-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0419	16-133-0553 710 Grand St.	Soil	May 10, 2016 3:00 pm	05/11/2016

Volatile Organics, NJDEP/TCL/Part 375 List

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*	*102 %*			*85-120*						
460-00-4	*Surrogate: p-Bromofluorobenzene*	*92.9 %*			*76-130*						

Semi-Volatiles, NJDEP/TCL/Part 375 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
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	48.4	96.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 17:17	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	96.5	193	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 17:17	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	48.4	96.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 17:17	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	48.4	96.5	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/16/2016 07:22	05/16/2016 17:17	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	48.4	96.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 17:17	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	48.4	96.5	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/16/2016 07:22	05/16/2016 17:17	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	48.4	96.5	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/16/2016 07:22	05/16/2016 17:17	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	96.5	193	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 17:17	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	48.4	96.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 17:17	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	48.4	96.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 17:17	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	48.4	96.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 17:17	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	48.4	96.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 17:17	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	96.5	193	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 17:17	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	48.4	96.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 17:17	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	48.4	96.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 17:17	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	48.4	96.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 17:17	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	48.4	96.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 17:17	SR
91-57-6	**2-Methylnaphthalene**	**63.3**	J	ug/kg dry	48.4	96.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 17:17	SR

Sample Information

Client Sample ID: **SB-3 (0'-2')** **York Sample ID:** **16E0419-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0419	16-133-0553 710 Grand St.	Soil	May 10, 2016 3:00 pm	05/11/2016

Semi-Volatiles, NJDEP/TCL/Part 375 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
95-48-7	2-Methylphenol	ND		ug/kg dry	48.4	96.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 17:17	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	96.5	193	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 17:17	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	48.4	96.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 17:17	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	48.4	96.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 17:17	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	48.4	96.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 17:17	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	96.5	193	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 17:17	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	96.5	193	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 17:17	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	48.4	96.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 17:17	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	48.4	96.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 17:17	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	48.4	96.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 17:17	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	48.4	96.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 17:17	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	96.5	193	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 17:17	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	96.5	193	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 17:17	SR
83-32-9	**Acenaphthene**	**60.2**	J	ug/kg dry	48.4	96.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 17:17	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	48.4	96.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 17:17	SR
98-86-2	Acetophenone	ND		ug/kg dry	48.4	96.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 17:17	SR
62-53-3	Aniline	ND		ug/kg dry	193	386	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 17:17	SR
120-12-7	**Anthracene**	**156**		ug/kg dry	48.4	96.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 17:17	SR
1912-24-9	Atrazine	ND		ug/kg dry	48.4	96.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 17:17	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	48.4	96.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 17:17	SR
92-87-5	Benzidine	ND		ug/kg dry	193	386	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	05/16/2016 07:22	05/16/2016 17:17	SR
56-55-3	**Benzo(a)anthracene**	**194**		ug/kg dry	48.4	96.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 17:17	SR

Sample Information

Client Sample ID: **SB-3 (0'-2')** **York Sample ID:** **16E0419-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0419	16-133-0553 710 Grand St.	Soil	May 10, 2016 3:00 pm	05/11/2016

Semi-Volatiles, NJDEP/TCL/Part 375 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
50-32-8	**Benzo(a)pyrene**	**155**		ug/kg dry	48.4	96.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 17:17	SR
205-99-2	**Benzo(b)fluoranthene**	**98.7**		ug/kg dry	48.4	96.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 17:17	SR
191-24-2	**Benzo(g,h,i)perylene**	**117**		ug/kg dry	48.4	96.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 17:17	SR
207-08-9	**Benzo(k)fluoranthene**	**92.6**	J	ug/kg dry	48.4	96.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 17:17	SR
65-85-0	Benzoic acid	ND		ug/kg dry	48.4	96.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 17:17	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	48.4	96.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 17:17	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	48.4	96.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 17:17	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	48.4	96.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 17:17	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	48.4	96.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 17:17	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	48.4	96.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 17:17	SR
117-81-7	**Bis(2-ethylhexyl)phthalate**	**130**		ug/kg dry	48.4	96.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 17:17	SR
105-60-2	Caprolactam	ND		ug/kg dry	96.5	193	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 17:17	SR
86-74-8	Carbazole	ND		ug/kg dry	48.4	96.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 17:17	SR
218-01-9	**Chrysene**	**210**		ug/kg dry	48.4	96.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 17:17	SR
53-70-3	**Dibenzo(a,h)anthracene**	**67.9**	J	ug/kg dry	48.4	96.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 17:17	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	48.4	96.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 17:17	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	48.4	96.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 17:17	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	48.4	96.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 17:17	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	48.4	96.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 17:17	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	48.4	96.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 17:17	SR
206-44-0	**Fluoranthene**	**416**		ug/kg dry	48.4	96.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 17:17	SR
86-73-7	**Fluorene**	**75.6**	J	ug/kg dry	48.4	96.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 17:17	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	48.4	96.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:22	05/16/2016 17:17	SR

Sample Information

Client Sample ID: **SB-3 (0'-2')** **York Sample ID:** **16E0419-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0419	16-133-0553 710 Grand St.	Soil	May 10, 2016 3:00 pm	05/11/2016

Semi-Volatiles, NJDEP/TCL/Part 375 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
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	48.4	96.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 17:17	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	48.4	96.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 17:17	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		ug/kg dry	48.4	96.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 17:17	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**110**		ug/kg dry	48.4	96.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 17:17	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/kg dry	48.4	96.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 17:17	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	**Naphthalene**	**179**		ug/kg dry	48.4	96.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 17:17	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		ug/kg dry	48.4	96.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 17:17	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	48.4	96.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 17:17	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	48.4	96.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 17:17	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	48.4	96.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 17:17	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		ug/kg dry	48.4	96.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 17:17	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**595**		ug/kg dry	48.4	96.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 17:17	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/kg dry	48.4	96.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 17:17	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**535**		ug/kg dry	48.4	96.5	2	EPA 8270D	05/16/2016 07:22	05/16/2016 17:17	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*38.5 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*41.6 %*	*23-114*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*38.4 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*41.0 %*	*21-113*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*41.6 %*	*19-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*47.2 %*	*24-116*

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	1.91	1.91	5	EPA 8081B	05/17/2016 07:10	05/17/2016 21:32	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: **SB-3 (0'-2')** **York Sample ID:** **16E0419-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0419	16-133-0553 710 Grand St.	Soil	May 10, 2016 3:00 pm	05/11/2016

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	1.91	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 21:32	AMC
50-29-3	4,4'-DDT	ND		ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 21:32	AMC
309-00-2	Aldrin	ND		ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 21:32	AMC
319-84-6	alpha-BHC	ND		ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 21:32	AMC
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/17/2016 07:10	05/17/2016 21:32	AMC
319-85-7	beta-BHC	ND		ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 21:32	AMC
57-74-9	Chlordane, total	ND		ug/kg dry	76.4	76.4	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 21:32	AMC
319-86-8	delta-BHC	ND		ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 21:32	AMC
60-57-1	Dieldrin	ND		ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 21:32	AMC
959-98-8	Endosulfan I	ND		ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 21:32	AMC
33213-65-9	Endosulfan II	ND		ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 21:32	AMC
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 21:32	AMC
72-20-8	Endrin	ND		ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 21:32	AMC
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 21:32	AMC
53494-70-5	Endrin ketone	ND		ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 21:32	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 21:32	AMC
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/17/2016 07:10	05/17/2016 21:32	AMC
76-44-8	Heptachlor	ND		ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 21:32	AMC
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 21:32	AMC
72-43-5	Methoxychlor	ND		ug/kg dry	9.55	9.55	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 21:32	AMC
8001-35-2	Toxaphene	ND		ug/kg dry	96.6	96.6	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 21:32	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*65.8 %*	*30-140*

Sample Information

Client Sample ID: **SB-3 (0'-2')** **York Sample ID:** **16E0419-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0419	16-133-0553 710 Grand St.	Soil	May 10, 2016 3:00 pm	05/11/2016

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*	*92.8 %*			*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	0.0193	0.0193	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 18:43	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0193	0.0193	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 18:43	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0193	0.0193	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 18:43	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0193	0.0193	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 18:43	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0193	0.0193	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 18:43	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0193	0.0193	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 18:43	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0193	0.0193	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 18:43	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0193	0.0193	1	EPA 8082A Certifications:	05/17/2016 07:10	05/17/2016 18:43	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*79.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*87.5 %*	*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**	**9380**		mg/kg dry	5.79	5.79	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:43	KV
7440-36-0	Antimony	ND		mg/kg dry	0.579	0.579	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:43	KV
7440-38-2	**Arsenic**	**1.77**		mg/kg dry	1.16	1.16	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:43	KV
7440-39-3	**Barium**	**42.3**		mg/kg dry	1.16	1.16	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:43	KV
7440-41-7	Beryllium	ND		mg/kg dry	0.116	0.116	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:43	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.347	0.347	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:43	KV

Sample Information

Client Sample ID: **SB-3 (0'-2')** **York Sample ID:** **16E0419-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0419	16-133-0553 710 Grand St.	Soil	May 10, 2016 3:00 pm	05/11/2016

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**	**11400**		mg/kg dry	0.579	5.79	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:43	KV
7440-47-3	**Chromium**	**20.3**		mg/kg dry	0.579	0.579	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:43	KV
7440-48-4	**Cobalt**	**11.5**		mg/kg dry	0.579	0.579	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:43	KV
7440-50-8	**Copper**	**14.9**		mg/kg dry	0.579	0.579	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:43	KV
7439-89-6	**Iron**	**14600**		mg/kg dry	2.31	2.31	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:43	KV
7439-92-1	**Lead**	**36.0**		mg/kg dry	0.347	0.347	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:43	KV
7439-95-4	**Magnesium**	**2940**		mg/kg dry	5.79	5.79	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:43	KV
7439-96-5	**Manganese**	**219**		mg/kg dry	0.579	0.579	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:43	KV
7440-02-0	**Nickel**	**14.4**		mg/kg dry	0.579	0.579	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:43	KV
7440-09-7	**Potassium**	**1400**		mg/kg dry	5.79	5.79	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:43	KV
7782-49-2	Selenium	ND		mg/kg dry	1.16	1.16	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:43	KV
7440-22-4	Silver	ND		mg/kg dry	0.579	0.579	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:43	KV
7440-23-5	**Sodium**	**132**		mg/kg dry	11.6	11.6	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2016 10:17	05/12/2016 19:43	KV
7440-28-0	Thallium	ND		mg/kg dry	1.16	1.16	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:43	KV
7440-62-2	**Vanadium**	**27.2**		mg/kg dry	1.16	1.16	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:43	KV
7440-66-6	**Zinc**	**38.4**		mg/kg dry	1.16	1.16	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:43	KV

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**	**0.0911**		mg/kg dry	0.0347	0.0347	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	05/12/2016 06:36	05/12/2016 09:41	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

Sample Information

Client Sample ID: **SB-3 (0'-2')** **York Sample ID:** **16E0419-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0419	16-133-0553 710 Grand St.	Soil	May 10, 2016 3:00 pm	05/11/2016

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**	**86.4**		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	05/17/2016 14:24	05/17/2016 18:54	LAB

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.405	0.579	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	05/13/2016 08:37	05/13/2016 15:20	LAB

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**17.6**		mg/kg	0.250	0.500	1	Calculation Certifications:	05/16/2016 07:42	05/16/2016 15:15	SC

Sample Information

Client Sample ID: **SB-3 (3'-5')** **York Sample ID:** **16E0419-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0419	16-133-0553 710 Grand St.	Soil	May 10, 2016 3:00 pm	05/11/2016

Volatile Organics, NJDEP/TCL/Part 375 List

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	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:08	05/13/2016 16:26	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:08	05/13/2016 16:26	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:08	05/13/2016 16:26	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:08	05/13/2016 16:26	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:08	05/13/2016 16:26	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:08	05/13/2016 16:26	BK

Sample Information

Client Sample ID: **SB-3 (3'-5')** **York Sample ID:** **16E0419-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0419	16-133-0553 710 Grand St.	Soil	May 10, 2016 3:00 pm	05/11/2016

Volatile Organics, NJDEP/TCL/Part 375 List **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
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:08	05/13/2016 16:26	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/13/2016 08:08	05/13/2016 16:26	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/13/2016 08:08	05/13/2016 16:26	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/13/2016 08:08	05/13/2016 16:26	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:08	05/13/2016 16:26	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:08	05/13/2016 16:26	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:08	05/13/2016 16:26	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:08	05/13/2016 16:26	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:08	05/13/2016 16:26	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:08	05/13/2016 16:26	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:08	05/13/2016 16:26	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:08	05/13/2016 16:26	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:08	05/13/2016 16:26	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	42	84	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/13/2016 08:08	05/13/2016 16:26	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:08	05/13/2016 16:26	BK
591-78-6	2-Hexanone	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:08	05/13/2016 16:26	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:08	05/13/2016 16:26	BK
67-64-1	Acetone	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:08	05/13/2016 16:26	BK
107-02-8	Acrolein	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:08	05/13/2016 16:26	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:08	05/13/2016 16:26	BK
71-43-2	Benzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:08	05/13/2016 16:26	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/13/2016 08:08	05/13/2016 16:26	BK

Sample Information

Client Sample ID: SB-3 (3'-5')

York Sample ID: 16E0419-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0419	16-133-0553 710 Grand St.	Soil	May 10, 2016 3:00 pm	05/11/2016

Volatile Organics, NJDEP/TCL/Part 375 List

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
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:08	05/13/2016 16:26	BK
75-25-2	Bromoform	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:08	05/13/2016 16:26	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:08	05/13/2016 16:26	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:08	05/13/2016 16:26	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:08	05/13/2016 16:26	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:08	05/13/2016 16:26	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:08	05/13/2016 16:26	BK
67-66-3	Chloroform	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:08	05/13/2016 16:26	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:08	05/13/2016 16:26	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:08	05/13/2016 16:26	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:08	05/13/2016 16:26	BK
110-82-7	Cyclohexane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/13/2016 08:08	05/13/2016 16:26	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:08	05/13/2016 16:26	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/13/2016 08:08	05/13/2016 16:26	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/13/2016 08:08	05/13/2016 16:26	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:08	05/13/2016 16:26	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/13/2016 08:08	05/13/2016 16:26	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:08	05/13/2016 16:26	BK
79-20-9	Methyl acetate	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/13/2016 08:08	05/13/2016 16:26	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 08:08	05/13/2016 16:26	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/13/2016 08:08	05/13/2016 16:26	BK
75-09-2	Methylene chloride	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 08:08	05/13/2016 16:26	BK

Sample Information

Client Sample ID: **SB-3 (3'-5')** **York Sample ID:** **16E0419-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0419	16-133-0553 710 Grand St.	Soil	May 10, 2016 3:00 pm	05/11/2016

Volatile Organics, NJDEP/TCL/Part 375 List

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
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	05/13/2016 08:08	05/13/2016 16:26	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	05/13/2016 08:08	05/13/2016 16:26	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
95-47-6	o-Xylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	05/13/2016 08:08	05/13/2016 16:26	BK
								Certifications:	CTDOH,NELAC-NY10854		
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	05/13/2016 08:08	05/13/2016 16:26	BK
								Certifications:	CTDOH,NELAC-NY10854		
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	05/13/2016 08:08	05/13/2016 16:26	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	05/13/2016 08:08	05/13/2016 16:26	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
100-42-5	Styrene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	05/13/2016 08:08	05/13/2016 16:26	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	05/13/2016 08:08	05/13/2016 16:26	BK
								Certifications:	NELAC-NY10854,NJDEP		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	05/13/2016 08:08	05/13/2016 16:26	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	05/13/2016 08:08	05/13/2016 16:26	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	05/13/2016 08:08	05/13/2016 16:26	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	05/13/2016 08:08	05/13/2016 16:26	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	05/13/2016 08:08	05/13/2016 16:26	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	05/13/2016 08:08	05/13/2016 16:26	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	05/13/2016 08:08	05/13/2016 16:26	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	05/13/2016 08:08	05/13/2016 16:26	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.3	13	1	EPA 8260C	05/13/2016 08:08	05/13/2016 16:26	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*97.9 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*103 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.5 %*	*76-130*

Semi-Volatiles, NJDEP/TCL/Part 375 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

Sample Information

Client Sample ID: **SB-3 (3'-5')** **York Sample ID:** **16E0419-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0419	16-133-0553 710 Grand St.	Soil	May 10, 2016 3:00 pm	05/11/2016

Semi-Volatiles, NJDEP/TCL/Part 375 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
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2016 07:30	05/16/2016 17:48	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	98.1	196	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2016 07:30	05/16/2016 17:48	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 07:30	05/16/2016 17:48	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/18/2016 07:30	05/16/2016 17:48	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2016 07:30	05/16/2016 17:48	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/18/2016 07:30	05/16/2016 17:48	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/18/2016 07:30	05/16/2016 17:48	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	98.1	196	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2016 07:30	05/16/2016 17:48	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 07:30	05/16/2016 17:48	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 07:30	05/16/2016 17:48	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 07:30	05/16/2016 17:48	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 07:30	05/16/2016 17:48	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	98.1	196	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 07:30	05/16/2016 17:48	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 07:30	05/16/2016 17:48	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 07:30	05/16/2016 17:48	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 07:30	05/16/2016 17:48	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 07:30	05/16/2016 17:48	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 07:30	05/16/2016 17:48	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 07:30	05/16/2016 17:48	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	98.1	196	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 07:30	05/16/2016 17:48	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 07:30	05/16/2016 17:48	SR

Sample Information

Client Sample ID: **SB-3 (3'-5')** **York Sample ID:** **16E0419-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0419	16-133-0553 710 Grand St.	Soil	May 10, 2016 3:00 pm	05/11/2016

Semi-Volatiles, NJDEP/TCL/Part 375 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
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 07:30	05/16/2016 17:48	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2016 07:30	05/16/2016 17:48	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	98.1	196	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 07:30	05/16/2016 17:48	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	98.1	196	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 07:30	05/16/2016 17:48	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 07:30	05/16/2016 17:48	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 07:30	05/16/2016 17:48	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 07:30	05/16/2016 17:48	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 07:30	05/16/2016 17:48	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	98.1	196	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 07:30	05/16/2016 17:48	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	98.1	196	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 07:30	05/16/2016 17:48	SR
83-32-9	Acenaphthene	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 07:30	05/16/2016 17:48	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 07:30	05/16/2016 17:48	SR
98-86-2	Acetophenone	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2016 07:30	05/16/2016 17:48	SR
62-53-3	Aniline	ND		ug/kg dry	196	393	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2016 07:30	05/16/2016 17:48	SR
120-12-7	**Anthracene**	**61.9**	J	ug/kg dry	49.2	98.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 07:30	05/16/2016 17:48	SR
1912-24-9	Atrazine	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2016 07:30	05/16/2016 17:48	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2016 07:30	05/16/2016 17:48	SR
92-87-5	Benzidine	ND		ug/kg dry	196	393	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	05/18/2016 07:30	05/16/2016 17:48	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 07:30	05/16/2016 17:48	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 07:30	05/16/2016 17:48	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 07:30	05/16/2016 17:48	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 07:30	05/16/2016 17:48	SR

Sample Information

Client Sample ID: **SB-3 (3'-5')** **York Sample ID:** **16E0419-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0419	16-133-0553 710 Grand St.	Soil	May 10, 2016 3:00 pm	05/11/2016

Semi-Volatiles, NJDEP/TCL/Part 375 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
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 07:30	05/16/2016 17:48	SR
65-85-0	Benzoic acid	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2016 07:30	05/16/2016 17:48	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2016 07:30	05/16/2016 17:48	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 07:30	05/16/2016 17:48	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 07:30	05/16/2016 17:48	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 07:30	05/16/2016 17:48	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 07:30	05/16/2016 17:48	SR
117-81-7	**Bis(2-ethylhexyl)phthalate**	**157**	CCV-E	ug/kg dry	49.2	98.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 07:30	05/16/2016 17:48	SR
105-60-2	Caprolactam	ND		ug/kg dry	98.1	196	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2016 07:30	05/16/2016 17:48	SR
86-74-8	Carbazole	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 07:30	05/16/2016 17:48	SR
218-01-9	Chrysene	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 07:30	05/16/2016 17:48	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 07:30	05/16/2016 17:48	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 07:30	05/16/2016 17:48	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 07:30	05/16/2016 17:48	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 07:30	05/16/2016 17:48	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 07:30	05/16/2016 17:48	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 07:30	05/16/2016 17:48	SR
206-44-0	**Fluoranthene**	**111**		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 07:30	05/16/2016 17:48	SR
86-73-7	Fluorene	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2016 07:30	05/16/2016 17:48	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 07:30	05/16/2016 17:48	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 07:30	05/16/2016 17:48	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 07:30	05/16/2016 17:48	SR

Sample Information

Client Sample ID: **SB-3 (3'-5')** **York Sample ID:** **16E0419-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0419	16-133-0553 710 Grand St.	Soil	May 10, 2016 3:00 pm	05/11/2016

Semi-Volatiles, NJDEP/TCL/Part 375 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
67-72-1	Hexachloroethane	ND		ug/kg dry	49.2	98.1	2	EPA 8270D	05/18/2016 07:30	05/16/2016 17:48	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	49.2	98.1	2	EPA 8270D	05/18/2016 07:30	05/16/2016 17:48	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/kg dry	49.2	98.1	2	EPA 8270D	05/18/2016 07:30	05/16/2016 17:48	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		ug/kg dry	49.2	98.1	2	EPA 8270D	05/18/2016 07:30	05/16/2016 17:48	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		ug/kg dry	49.2	98.1	2	EPA 8270D	05/18/2016 07:30	05/16/2016 17:48	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	49.2	98.1	2	EPA 8270D	05/18/2016 07:30	05/16/2016 17:48	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	49.2	98.1	2	EPA 8270D	05/18/2016 07:30	05/16/2016 17:48	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	49.2	98.1	2	EPA 8270D	05/18/2016 07:30	05/16/2016 17:48	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		ug/kg dry	49.2	98.1	2	EPA 8270D	05/18/2016 07:30	05/16/2016 17:48	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**184**		ug/kg dry	49.2	98.1	2	EPA 8270D	05/18/2016 07:30	05/16/2016 17:48	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/kg dry	49.2	98.1	2	EPA 8270D	05/18/2016 07:30	05/16/2016 17:48	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**100**		ug/kg dry	49.2	98.1	2	EPA 8270D	05/18/2016 07:30	05/16/2016 17:48	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*12.4 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*17.7 %*	*23-114*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*14.4 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*14.0 %*	*21-113*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*11.3 %*	*19-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*14.2 %*	*24-116*

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	1.94	1.94	5	EPA 8081B	05/17/2016 07:10	05/17/2016 16:47	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		ug/kg dry	1.94	1.94	5	EPA 8081B	05/17/2016 07:10	05/17/2016 16:47	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		ug/kg dry	1.94	1.94	5	EPA 8081B	05/17/2016 07:10	05/17/2016 16:47	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: **SB-3 (3'-5')** **York Sample ID:** **16E0419-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0419	16-133-0553 710 Grand St.	Soil	May 10, 2016 3:00 pm	05/11/2016

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
309-00-2	Aldrin	ND		ug/kg dry	1.94	1.94	5	EPA 8081B	05/17/2016 07:10	05/17/2016 16:47	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/kg dry	1.94	1.94	5	EPA 8081B	05/17/2016 07:10	05/17/2016 16:47	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.94	1.94	5	EPA 8081B	05/17/2016 07:10	05/17/2016 16:47	AMC
								Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		ug/kg dry	1.94	1.94	5	EPA 8081B	05/17/2016 07:10	05/17/2016 16:47	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		ug/kg dry	77.6	77.6	5	EPA 8081B	05/17/2016 07:10	05/17/2016 16:47	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/kg dry	1.94	1.94	5	EPA 8081B	05/17/2016 07:10	05/17/2016 16:47	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		ug/kg dry	1.94	1.94	5	EPA 8081B	05/17/2016 07:10	05/17/2016 16:47	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/kg dry	1.94	1.94	5	EPA 8081B	05/17/2016 07:10	05/17/2016 16:47	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/kg dry	1.94	1.94	5	EPA 8081B	05/17/2016 07:10	05/17/2016 16:47	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.94	1.94	5	EPA 8081B	05/17/2016 07:10	05/17/2016 16:47	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/kg dry	1.94	1.94	5	EPA 8081B	05/17/2016 07:10	05/17/2016 16:47	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.94	1.94	5	EPA 8081B	05/17/2016 07:10	05/17/2016 16:47	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/kg dry	1.94	1.94	5	EPA 8081B	05/17/2016 07:10	05/17/2016 16:47	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.94	1.94	5	EPA 8081B	05/17/2016 07:10	05/17/2016 16:47	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.94	1.94	5	EPA 8081B	05/17/2016 07:10	05/17/2016 16:47	AMC
								Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		ug/kg dry	1.94	1.94	5	EPA 8081B	05/17/2016 07:10	05/17/2016 16:47	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.94	1.94	5	EPA 8081B	05/17/2016 07:10	05/17/2016 16:47	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/kg dry	9.70	9.70	5	EPA 8081B	05/17/2016 07:10	05/17/2016 16:47	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/kg dry	98.2	98.2	5	EPA 8081B	05/17/2016 07:10	05/17/2016 16:47	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*97.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*83.6 %*	*30-140*

Polychlorinated Biphenyls (PCB)

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

Sample Information

Client Sample ID: **SB-3 (3'-5')** **York Sample ID:** **16E0419-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0419	16-133-0553 710 Grand St.	Soil	May 10, 2016 3:00 pm	05/11/2016

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	0.0196	0.0196	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/18/2016 07:38	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0196	0.0196	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/18/2016 07:38	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0196	0.0196	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/18/2016 07:38	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0196	0.0196	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/18/2016 07:38	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0196	0.0196	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/18/2016 07:38	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0196	0.0196	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/18/2016 07:38	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0196	0.0196	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/18/2016 07:38	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0196	0.0196	1	EPA 8082A Certifications:	05/17/2016 07:10	05/18/2016 07:38	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*60.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*74.0 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8020**		mg/kg dry	5.88	5.88	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:48	KV
7440-36-0	Antimony	ND		mg/kg dry	0.588	0.588	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:48	KV
7440-38-2	**Arsenic**	**1.23**		mg/kg dry	1.18	1.18	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:48	KV
7440-39-3	**Barium**	**29.7**		mg/kg dry	1.18	1.18	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:48	KV
7440-41-7	Beryllium	ND		mg/kg dry	0.118	0.118	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:48	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.353	0.353	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:48	KV
7440-70-2	**Calcium**	**867**		mg/kg dry	0.588	5.88	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:48	KV
7440-47-3	**Chromium**	**15.2**		mg/kg dry	0.588	0.588	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:48	KV
7440-48-4	**Cobalt**	**4.59**		mg/kg dry	0.588	0.588	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:48	KV
7440-50-8	**Copper**	**13.3**		mg/kg dry	0.588	0.588	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:48	KV

Sample Information

Client Sample ID: **SB-3 (3'-5')** **York Sample ID:** **16E0419-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0419	16-133-0553 710 Grand St.	Soil	May 10, 2016 3:00 pm	05/11/2016

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
7439-89-6	**Iron**	**8640**		mg/kg dry	2.35	2.35	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:48	KV
7439-92-1	**Lead**	**5.06**		mg/kg dry	0.353	0.353	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:48	KV
7439-95-4	**Magnesium**	**1990**		mg/kg dry	5.88	5.88	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:48	KV
7439-96-5	**Manganese**	**60.6**		mg/kg dry	0.588	0.588	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:48	KV
7440-02-0	**Nickel**	**11.7**		mg/kg dry	0.588	0.588	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:48	KV
7440-09-7	**Potassium**	**968**		mg/kg dry	5.88	5.88	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:48	KV
7782-49-2	Selenium	ND		mg/kg dry	1.18	1.18	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:48	KV
7440-22-4	Silver	ND		mg/kg dry	0.588	0.588	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:48	KV
7440-23-5	**Sodium**	**96.3**		mg/kg dry	11.8	11.8	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2016 10:17	05/12/2016 19:48	KV
7440-28-0	Thallium	ND		mg/kg dry	1.18	1.18	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:48	KV
7440-62-2	**Vanadium**	**24.1**		mg/kg dry	1.18	1.18	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:48	KV
7440-66-6	**Zinc**	**21.0**		mg/kg dry	1.18	1.18	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2016 10:17	05/12/2016 19:48	KV

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	0.0353	0.0353	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	05/12/2016 06:36	05/12/2016 09:50	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**	**85.0**		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	05/17/2016 14:24	05/17/2016 18:54	LAB

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

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

Sample Information

Client Sample ID: **SB-3 (3'-5')** **York Sample ID:** **16E0419-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0419	16-133-0553 710 Grand St.	Soil	May 10, 2016 3:00 pm	05/11/2016

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.412	0.588	1	EPA 7196A	05/13/2016 08:37	05/13/2016 15:20	LAB
								Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**12.9**		mg/kg	0.250	0.500	1	Calculation	05/16/2016 07:42	05/16/2016 15:15	SC
								Certifications:			

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
16E0419-01	SB-1 (0'-2')	40mL Vial with Stir Bar-Cool 4° C
16E0419-02	SB-1 (3'-5')	40mL Vial with Stir Bar-Cool 4° C
16E0419-03	SB-2 (0'-2')	40mL Vial with Stir Bar-Cool 4° C
16E0419-04	SB-2 (3'-5')	40mL Vial with Stir Bar-Cool 4° C
16E0419-05	SB-3 (0'-2')	40mL Vial with Stir Bar-Cool 4° C
16E0419-06	SB-3 (3'-5')	40mL Vial with Stir Bar-Cool 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.
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.
QCAL	This analyte is outside calibration QC limits due to 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.
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).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

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*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two.
For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

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 INC
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 16E0419

YOUR Information

Company: Athenica Env. Serv.
Address: 45-09 Greenpoint Ave L.I.C. NY 11104
Phone No. 718-784-7490
Contact Person: Curtis Brewer
E-Mail Address: cbrewer@athenica.com

Report To:

Company:
Address:
Phone No. SAME
Attention:
E-Mail Address:

Invoice To:

Company:
Address: SAME
Phone No.
Attention: Josianne Charles
E-Mail Address: jcharles@athenica.com

YOUR Project ID

16-133-0553
710 Grand St.

Purchase Order No.

Samples from: CT___ NY X NJ___

Turn-Around Time

- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) ☑

Report Type

- Summary Report ____
- Summary w/ QA Summary ____
- CT RCP Package ____
- CTRCP DQA/DUE Pkg ____
- NY ASP A Package ____
- NY ASP B Package ____
- NJDEP Red. Deliv. ____

Electronic Data Deliverables (EDD)

- Simple Excel ____
- NYSDEC EQuIS ____
- EQuIS (std) ____
- EZ-EDD (EQuIS) ____
- NJDEP SRP HazSite EDD ____
- GIS/KEY (std) ____
- Other ____

York Regulatory Comparison

Excel Spreadsheet X

Compare to the following Regs. (please fill in):
Part 375 Unrestricted X
Restricted Residential

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Curtis Brewer
Name (printed)

Matrix Codes

- S - soil
- Other - specify(oil, etc.)
- WW - wastewater
- GW - groundwater
- DW - drinking water
- Air-A - ambient air
- Air-SV - soil vapor

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

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
SB-1 (0'-2')	5/10/16	S	8260, 8270, 8081/8082, TAL Metals + Chromiums	1 terra core kit + 1 8-oz jar
SB-1 (3'-5')	↓	↓	↓	↓
SB-2 (0'-2')	↓	↓	↓	↓
SB-2 (3'-5')	↓	↓	↓	↓
SB-3 (0'-2')	↓	↓	↓	↓
SB-3 (3'-5')	↓	↓	↓	↓

Comments
"E-Designation Project"

Preservation
Check those Applicable

4°C____ Frozen____ HCl____ MeOH____ HNO_3____ H_2SO_4____ NaOH____
ZnAc Ascorbic Acid Other

Special Instructions
- Field Filtered ☐
- Lab to Filter ☐

Samples Relinquished By: [signature] Date/Time: 5-11-16 820 AM
Samples Relinquished By: KBach 5-11-16 Date/Time:
Samples Received By: KBach 5-11-16 820A Date/Time:
Samples Received in LAB by: 5/11/16 1850 Date/Time:

Temperature on Receipt 3.1 °C

APPENDIX G

LABORATORY ANALYTICAL RESULTS FOR SOIL VAPOR SAMPLES

Technical Report

prepared for:

Athenica Environmental Services, Inc.
45-09 Greenpoint Avenue
Long Island City NY, 11104
Attention: Curtis Breuer

Report Date: 05/17/2016
Client Project ID: 16-133-0553 710 Grand St.
York Project (SDG) No.: 16E0509

Report Date: 05/17/2016
Client Project ID: 16-133-0553 710 Grand St.
York Project (SDG) No.: 16E0509

Athenica Environmental Services, Inc.
45-09 Greenpoint Avenue
Long Island City NY, 11104
Attention: Curtis Breuer

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 May 12, 2016 and listed below. The project was identified as your project: **16-133-0553 710 Grand St.**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
16E0509-01	SV-1	Soil Vapor	05/11/2016	05/12/2016
16E0509-02	SV-2	Soil Vapor	05/11/2016	05/12/2016
16E0509-03	SV-3	Soil Vapor	05/11/2016	05/12/2016

General Notes for York Project (SDG) No.: 16E0509

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

Approved By: **Date:** 05/17/2016

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: **SV-1** **York Sample ID:** **16E0509-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0509	16-133-0553 710 Grand St.	Soil Vapor	May 11, 2016 3:00 pm	05/12/2016

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		ug/m³	12	12	16.8	EPA TO-15 Certifications:	05/16/2016 10:29	05/16/2016 18:18	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	9.2	9.2	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 18:18	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	12	12	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 18:18	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	13	13	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 18:18	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	9.2	9.2	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 18:18	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m³	6.8	6.8	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 18:18	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m³	6.7	6.7	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 18:18	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	12	12	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 18:18	LDS
95-63-6	**1,2,4-Trimethylbenzene**	**34**		ug/m³	8.3	8.3	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 18:18	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m³	13	13	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 18:18	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	10	10	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 18:18	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m³	6.8	6.8	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 18:18	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m³	7.8	7.8	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 18:18	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	12	12	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 18:18	LDS
108-67-8	**1,3,5-Trimethylbenzene**	**17**		ug/m³	8.3	8.3	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 18:18	LDS
106-99-0	1,3-Butadiene	ND		ug/m³	11	11	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 18:18	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	10	10	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 18:18	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	7.8	7.8	16.8	EPA TO-15 Certifications:	05/16/2016 10:29	05/16/2016 18:18	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	10	10	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 18:18	LDS
123-91-1	1,4-Dioxane	ND		ug/m³	12	12	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 18:18	LDS
78-93-3	**2-Butanone**	**29**		ug/m³	5.0	5.0	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 18:18	LDS

Sample Information

Client Sample ID: **SV-1** **York Sample ID:** **16E0509-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0509	16-133-0553 710 Grand St.	Soil Vapor	May 11, 2016 3:00 pm	05/12/2016

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
591-78-6	* 2-Hexanone	ND		ug/m³	14	14	16.8	EPA TO-15 Certifications:	05/16/2016 10:29	05/16/2016 18:18	LDS
107-05-1	3-Chloropropene	ND		ug/m³	26	26	16.8	EPA TO-15 Certifications: NELAC-NY10854	05/16/2016 10:29	05/16/2016 18:18	LDS
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	6.9	6.9	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 18:18	LDS
67-64-1	**Acetone**	**160**		ug/m³	8.0	8.0	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 18:18	LDS
107-13-1	Acrylonitrile	ND		ug/m³	3.6	3.6	16.8	EPA TO-15 Certifications: NELAC-NY10854	05/16/2016 10:29	05/16/2016 18:18	LDS
71-43-2	**Benzene**	**39**		ug/m³	5.4	5.4	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 18:18	LDS
100-44-7	Benzyl chloride	ND		ug/m³	8.7	8.7	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 18:18	LDS
75-27-4	Bromodichloromethane	ND		ug/m³	11	11	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 18:18	LDS
75-25-2	Bromoform	ND		ug/m³	17	17	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 18:18	LDS
74-83-9	Bromomethane	ND		ug/m³	6.5	6.5	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 18:18	LDS
75-15-0	**Carbon disulfide**	**52**		ug/m³	5.2	5.2	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 18:18	LDS
56-23-5	Carbon tetrachloride	ND		ug/m³	2.6	2.6	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 18:18	LDS
108-90-7	Chlorobenzene	ND		ug/m³	7.7	7.7	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 18:18	LDS
75-00-3	Chloroethane	ND		ug/m³	4.4	4.4	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 18:18	LDS
67-66-3	**Chloroform**	**9.0**		ug/m³	8.2	8.2	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 18:18	LDS
74-87-3	Chloromethane	ND		ug/m³	3.5	3.5	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 18:18	LDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	6.7	6.7	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 18:18	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	7.6	7.6	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 18:18	LDS
110-82-7	**Cyclohexane**	**10**		ug/m³	5.8	5.8	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 18:18	LDS
124-48-1	Dibromochloromethane	ND		ug/m³	14	14	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 18:18	LDS
75-71-8	Dichlorodifluoromethane	ND		ug/m³	8.3	8.3	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 18:18	LDS
141-78-6	* Ethyl acetate	ND		ug/m³	12	12	16.8	EPA TO-15 Certifications:	05/16/2016 10:29	05/16/2016 18:18	LDS

Sample Information

Client Sample ID: **SV-1** **York Sample ID:** **16E0509-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0509	16-133-0553 710 Grand St.	Soil Vapor	May 11, 2016 3:00 pm	05/12/2016

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
100-41-4	**Ethyl Benzene**	**31**		ug/m³	7.3	7.3	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 18:18	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m³	18	18	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 18:18	LDS
67-63-0	Isopropanol	ND		ug/m³	8.3	8.3	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 18:18	LDS
80-62-6	Methyl Methacrylate	ND		ug/m³	6.9	6.9	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 18:18	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	6.1	6.1	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 18:18	LDS
75-09-2	Methylene chloride	ND		ug/m³	12	12	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 18:18	LDS
142-82-5	**n-Heptane**	**110**		ug/m³	6.9	6.9	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 18:18	LDS
110-54-3	**n-Hexane**	**60**		ug/m³	5.9	5.9	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 18:18	LDS
95-47-6	**o-Xylene**	**39**		ug/m³	7.3	7.3	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 18:18	LDS
179601-23-1	**p- & m- Xylenes**	**140**		ug/m³	15	15	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 18:18	LDS
622-96-8	*** p-Ethyltoluene**	**31**		ug/m³	8.3	8.3	16.8	EPA TO-15 Certifications:	05/16/2016 10:29	05/16/2016 18:18	LDS
115-07-1	*** Propylene**	**90**		ug/m³	2.9	2.9	16.8	EPA TO-15 Certifications:	05/16/2016 10:29	05/16/2016 18:18	LDS
100-42-5	Styrene	ND		ug/m³	7.2	7.2	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 18:18	LDS
127-18-4	**Tetrachloroethylene**	**180**		ug/m³	2.8	2.8	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 18:18	LDS
109-99-9	* Tetrahydrofuran	ND		ug/m³	9.9	9.9	16.8	EPA TO-15 Certifications:	05/16/2016 10:29	05/16/2016 18:18	LDS
108-88-3	**Toluene**	**270**		ug/m³	6.3	6.3	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 18:18	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	6.7	6.7	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 18:18	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	7.6	7.6	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 18:18	LDS
79-01-6	Trichloroethylene	ND		ug/m³	2.3	2.3	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 18:18	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	9.4	9.4	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 18:18	LDS
108-05-4	Vinyl acetate	ND		ug/m³	5.9	5.9	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 18:18	LDS
593-60-2	Vinyl bromide	ND		ug/m³	7.3	7.3	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 18:18	LDS
75-01-4	Vinyl Chloride	ND		ug/m³	4.3	4.3	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 18:18	LDS

Sample Information

Client Sample ID: **SV-1** **York Sample ID:** **16E0509-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0509	16-133-0553 710 Grand St.	Soil Vapor	May 11, 2016 3:00 pm	05/12/2016

Sample Information

Client Sample ID: **SV-2** **York Sample ID:** **16E0509-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0509	16-133-0553 710 Grand St.	Soil Vapor	May 11, 2016 3:00 pm	05/12/2016

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		ug/m³	14	14	20.4	EPA TO-15 Certifications:	05/16/2016 10:29	05/16/2016 19:06	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	11	11	20.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:06	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	14	14	20.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:06	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	16	16	20.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:06	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	11	11	20.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:06	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m³	8.3	8.3	20.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:06	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m³	8.1	8.1	20.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:06	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	15	15	20.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:06	LDS
95-63-6	**1,2,4-Trimethylbenzene**	**56**		ug/m³	10	10	20.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:06	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m³	16	16	20.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:06	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	12	12	20.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:06	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m³	8.3	8.3	20.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:06	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m³	9.4	9.4	20.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:06	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	14	14	20.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:06	LDS
108-67-8	**1,3,5-Trimethylbenzene**	**20**		ug/m³	10	10	20.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:06	LDS
106-99-0	1,3-Butadiene	ND		ug/m³	14	14	20.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:06	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	12	12	20.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:06	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	9.4	9.4	20.4	EPA TO-15 Certifications:	05/16/2016 10:29	05/16/2016 19:06	LDS

Sample Information

Client Sample ID: **SV-2** **York Sample ID:** **16E0509-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0509	16-133-0553 710 Grand St.	Soil Vapor	May 11, 2016 3:00 pm	05/12/2016

Volatile Organics, EPA TO15 Full List

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	12	12	20.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:06	LDS
123-91-1	1,4-Dioxane	ND		ug/m³	15	15	20.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:06	LDS
78-93-3	**2-Butanone**	**64**		ug/m³	6.0	6.0	20.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:06	LDS
591-78-6	* 2-Hexanone	ND		ug/m³	17	17	20.4	EPA TO-15 Certifications:	05/16/2016 10:29	05/16/2016 19:06	LDS
107-05-1	3-Chloropropene	ND		ug/m³	32	32	20.4	EPA TO-15 Certifications: NELAC-NY10854	05/16/2016 10:29	05/16/2016 19:06	LDS
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	8.4	8.4	20.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:06	LDS
67-64-1	**Acetone**	**410**		ug/m³	9.7	9.7	20.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:06	LDS
107-13-1	Acrylonitrile	ND		ug/m³	4.4	4.4	20.4	EPA TO-15 Certifications: NELAC-NY10854	05/16/2016 10:29	05/16/2016 19:06	LDS
71-43-2	**Benzene**	**18**		ug/m³	6.5	6.5	20.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:06	LDS
100-44-7	Benzyl chloride	ND		ug/m³	11	11	20.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:06	LDS
75-27-4	Bromodichloromethane	ND		ug/m³	14	14	20.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:06	LDS
75-25-2	Bromoform	ND		ug/m³	21	21	20.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:06	LDS
74-83-9	Bromomethane	ND		ug/m³	7.9	7.9	20.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:06	LDS
75-15-0	Carbon disulfide	ND		ug/m³	6.4	6.4	20.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:06	LDS
56-23-5	Carbon tetrachloride	ND		ug/m³	3.2	3.2	20.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:06	LDS
108-90-7	Chlorobenzene	ND		ug/m³	9.4	9.4	20.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:06	LDS
75-00-3	Chloroethane	ND		ug/m³	5.4	5.4	20.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:06	LDS
67-66-3	Chloroform	ND		ug/m³	10	10	20.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:06	LDS
74-87-3	Chloromethane	ND		ug/m³	4.2	4.2	20.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:06	LDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	8.1	8.1	20.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:06	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	9.3	9.3	20.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:06	LDS
110-82-7	Cyclohexane	ND		ug/m³	7.0	7.0	20.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:06	LDS

Sample Information

Client Sample ID: SV-2 **York Sample ID:** 16E0509-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0509	16-133-0553 710 Grand St.	Soil Vapor	May 11, 2016 3:00 pm	05/12/2016

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
124-48-1	Dibromochloromethane	ND		ug/m³	17	17	20.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:06	LDS
75-71-8	Dichlorodifluoromethane	ND		ug/m³	10	10	20.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:06	LDS
141-78-6	* Ethyl acetate	ND		ug/m³	15	15	20.4	EPA TO-15 Certifications:	05/16/2016 10:29	05/16/2016 19:06	LDS
100-41-4	**Ethyl Benzene**	**52**		ug/m³	8.9	8.9	20.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:06	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m³	22	22	20.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:06	LDS
67-63-0	Isopropanol	ND		ug/m³	10	10	20.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:06	LDS
80-62-6	Methyl Methacrylate	ND		ug/m³	8.4	8.4	20.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:06	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	7.4	7.4	20.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:06	LDS
75-09-2	Methylene chloride	ND		ug/m³	14	14	20.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:06	LDS
142-82-5	**n-Heptane**	**37**		ug/m³	8.4	8.4	20.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:06	LDS
110-54-3	**n-Hexane**	**24**		ug/m³	7.2	7.2	20.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:06	LDS
95-47-6	**o-Xylene**	**68**		ug/m³	8.9	8.9	20.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:06	LDS
179601-23-1	**p- & m- Xylenes**	**240**		ug/m³	18	18	20.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:06	LDS
622-96-8	*** p-Ethyltoluene**	**68**		ug/m³	10	10	20.4	EPA TO-15 Certifications:	05/16/2016 10:29	05/16/2016 19:06	LDS
115-07-1	*** Propylene**	**54**		ug/m³	3.5	3.5	20.4	EPA TO-15 Certifications:	05/16/2016 10:29	05/16/2016 19:06	LDS
100-42-5	Styrene	ND		ug/m³	8.7	8.7	20.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:06	LDS
127-18-4	**Tetrachloroethylene**	**22**		ug/m³	3.5	3.5	20.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:06	LDS
109-99-9	* Tetrahydrofuran	ND		ug/m³	12	12	20.4	EPA TO-15 Certifications:	05/16/2016 10:29	05/16/2016 19:06	LDS
108-88-3	**Toluene**	**210**		ug/m³	7.7	7.7	20.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:06	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	8.1	8.1	20.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:06	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	9.3	9.3	20.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:06	LDS
79-01-6	Trichloroethylene	ND		ug/m³	2.7	2.7	20.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:06	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	11	11	20.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:06	LDS

Sample Information

Client Sample ID: **SV-2** **York Sample ID:** **16E0509-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0509	16-133-0553 710 Grand St.	Soil Vapor	May 11, 2016 3:00 pm	05/12/2016

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
108-05-4	Vinyl acetate	ND		ug/m³	7.2	7.2	20.4	EPA TO-15	05/16/2016 10:29	05/16/2016 19:06	LDS
								Certifications:	NELAC-NY10854,NJDEP		
593-60-2	Vinyl bromide	ND		ug/m³	8.9	8.9	20.4	EPA TO-15	05/16/2016 10:29	05/16/2016 19:06	LDS
								Certifications:	NELAC-NY10854,NJDEP		
75-01-4	Vinyl Chloride	ND		ug/m³	5.2	5.2	20.4	EPA TO-15	05/16/2016 10:29	05/16/2016 19:06	LDS
								Certifications:	NELAC-NY10854,NJDEP		

Sample Information

Client Sample ID: **SV-3** **York Sample ID:** **16E0509-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0509	16-133-0553 710 Grand St.	Soil Vapor	May 11, 2016 3:00 pm	05/12/2016

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		ug/m³	13	13	18.39	EPA TO-15	05/16/2016 10:29	05/16/2016 19:54	LDS
								Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	10	10	18.39	EPA TO-15	05/16/2016 10:29	05/16/2016 19:54	LDS
								Certifications:	NELAC-NY10854,NJDEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	13	13	18.39	EPA TO-15	05/16/2016 10:29	05/16/2016 19:54	LDS
								Certifications:	NELAC-NY10854,NJDEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	14	14	18.39	EPA TO-15	05/16/2016 10:29	05/16/2016 19:54	LDS
								Certifications:	NELAC-NY10854,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	10	10	18.39	EPA TO-15	05/16/2016 10:29	05/16/2016 19:54	LDS
								Certifications:	NELAC-NY10854,NJDEP		
75-34-3	1,1-Dichloroethane	ND		ug/m³	7.4	7.4	18.39	EPA TO-15	05/16/2016 10:29	05/16/2016 19:54	LDS
								Certifications:	NELAC-NY10854,NJDEP		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	7.3	7.3	18.39	EPA TO-15	05/16/2016 10:29	05/16/2016 19:54	LDS
								Certifications:	NELAC-NY10854,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	14	14	18.39	EPA TO-15	05/16/2016 10:29	05/16/2016 19:54	LDS
								Certifications:	NELAC-NY10854,NJDEP		
95-63-6	**1,2,4-Trimethylbenzene**	**47**		ug/m³	9.0	9.0	18.39	EPA TO-15	05/16/2016 10:29	05/16/2016 19:54	LDS
								Certifications:	NELAC-NY10854,NJDEP		
106-93-4	1,2-Dibromoethane	ND		ug/m³	14	14	18.39	EPA TO-15	05/16/2016 10:29	05/16/2016 19:54	LDS
								Certifications:	NELAC-NY10854,NJDEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	11	11	18.39	EPA TO-15	05/16/2016 10:29	05/16/2016 19:54	LDS
								Certifications:	NELAC-NY10854,NJDEP		
107-06-2	1,2-Dichloroethane	ND		ug/m³	7.4	7.4	18.39	EPA TO-15	05/16/2016 10:29	05/16/2016 19:54	LDS
								Certifications:	NELAC-NY10854,NJDEP		

Sample Information

Client Sample ID: **SV-3** **York Sample ID:** **16E0509-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0509	16-133-0553 710 Grand St.	Soil Vapor	May 11, 2016 3:00 pm	05/12/2016

Volatile Organics, EPA TO15 Full List

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-87-5	1,2-Dichloropropane	ND		ug/m³	8.5	8.5	18.39	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:54	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	13	13	18.39	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:54	LDS
108-67-8	**1,3,5-Trimethylbenzene**	**19**		ug/m³	9.0	9.0	18.39	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:54	LDS
106-99-0	1,3-Butadiene	ND		ug/m³	12	12	18.39	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:54	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	11	11	18.39	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:54	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	8.5	8.5	18.39	EPA TO-15 Certifications:	05/16/2016 10:29	05/16/2016 19:54	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	11	11	18.39	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:54	LDS
123-91-1	1,4-Dioxane	ND		ug/m³	13	13	18.39	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:54	LDS
78-93-3	**2-Butanone**	**48**		ug/m³	5.4	5.4	18.39	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:54	LDS
591-78-6	* 2-Hexanone	ND		ug/m³	15	15	18.39	EPA TO-15 Certifications:	05/16/2016 10:29	05/16/2016 19:54	LDS
107-05-1	3-Chloropropene	ND		ug/m³	29	29	18.39	EPA TO-15 Certifications: NELAC-NY10854	05/16/2016 10:29	05/16/2016 19:54	LDS
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	7.5	7.5	18.39	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:54	LDS
67-64-1	**Acetone**	**290**		ug/m³	8.7	8.7	18.39	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:54	LDS
107-13-1	Acrylonitrile	ND		ug/m³	4.0	4.0	18.39	EPA TO-15 Certifications: NELAC-NY10854	05/16/2016 10:29	05/16/2016 19:54	LDS
71-43-2	**Benzene**	**36**		ug/m³	5.9	5.9	18.39	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:54	LDS
100-44-7	Benzyl chloride	ND		ug/m³	9.5	9.5	18.39	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:54	LDS
75-27-4	Bromodichloromethane	ND		ug/m³	12	12	18.39	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:54	LDS
75-25-2	Bromoform	ND		ug/m³	19	19	18.39	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:54	LDS
74-83-9	Bromomethane	ND		ug/m³	7.1	7.1	18.39	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:54	LDS
75-15-0	**Carbon disulfide**	**6.9**		ug/m³	5.7	5.7	18.39	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:54	LDS
56-23-5	Carbon tetrachloride	ND		ug/m³	2.9	2.9	18.39	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:54	LDS
108-90-7	Chlorobenzene	ND		ug/m³	8.5	8.5	18.39	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:54	LDS

Sample Information

Client Sample ID: **SV-3** **York Sample ID:** **16E0509-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0509	16-133-0553 710 Grand St.	Soil Vapor	May 11, 2016 3:00 pm	05/12/2016

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
75-00-3	Chloroethane	ND		ug/m³	4.9	4.9	18.39	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:54	LDS
67-66-3	Chloroform	ND		ug/m³	9.0	9.0	18.39	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:54	LDS
74-87-3	Chloromethane	ND		ug/m³	3.8	3.8	18.39	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:54	LDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	7.3	7.3	18.39	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:54	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	8.3	8.3	18.39	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:54	LDS
110-82-7	Cyclohexane	ND		ug/m³	6.3	6.3	18.39	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:54	LDS
124-48-1	Dibromochloromethane	ND		ug/m³	16	16	18.39	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:54	LDS
75-71-8	Dichlorodifluoromethane	ND		ug/m³	9.1	9.1	18.39	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:54	LDS
141-78-6	* Ethyl acetate	ND		ug/m³	13	13	18.39	EPA TO-15 Certifications:	05/16/2016 10:29	05/16/2016 19:54	LDS
100-41-4	**Ethyl Benzene**	**100**		ug/m³	8.0	8.0	18.39	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:54	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m³	20	20	18.39	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:54	LDS
67-63-0	Isopropanol	ND		ug/m³	9.0	9.0	18.39	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:54	LDS
80-62-6	Methyl Methacrylate	ND		ug/m³	7.5	7.5	18.39	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:54	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	6.6	6.6	18.39	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:54	LDS
75-09-2	**Methylene chloride**	**45**		ug/m³	13	13	18.39	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:54	LDS
142-82-5	**n-Heptane**	**61**		ug/m³	7.5	7.5	18.39	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:54	LDS
110-54-3	**n-Hexane**	**32**		ug/m³	6.5	6.5	18.39	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:54	LDS
95-47-6	**o-Xylene**	**99**		ug/m³	8.0	8.0	18.39	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:54	LDS
179601-23-1	**p- & m- Xylenes**	**300**		ug/m³	16	16	18.39	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:54	LDS
622-96-8	*** p-Ethyltoluene**	**75**		ug/m³	9.0	9.0	18.39	EPA TO-15 Certifications:	05/16/2016 10:29	05/16/2016 19:54	LDS
115-07-1	*** Propylene**	**34**		ug/m³	3.2	3.2	18.39	EPA TO-15 Certifications:	05/16/2016 10:29	05/16/2016 19:54	LDS
100-42-5	Styrene	ND		ug/m³	7.8	7.8	18.39	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 19:54	LDS

Sample Information

Client Sample ID: **SV-3** **York Sample ID:** **16E0509-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0509	16-133-0553 710 Grand St.	Soil Vapor	May 11, 2016 3:00 pm	05/12/2016

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
127-18-4	Tetrachloroethylene	ND		ug/m³	3.1	3.1	18.39	EPA TO-15	05/16/2016 10:29	05/16/2016 19:54	LDS
								Certifications: NELAC-NY10854,NJDEP			
109-99-9	* Tetrahydrofuran	ND		ug/m³	11	11	18.39	EPA TO-15	05/16/2016 10:29	05/16/2016 19:54	LDS
								Certifications:			
108-88-3	**Toluene**	**310**		ug/m³	6.9	6.9	18.39	EPA TO-15	05/16/2016 10:29	05/16/2016 19:54	LDS
								Certifications: NELAC-NY10854,NJDEP			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	7.3	7.3	18.39	EPA TO-15	05/16/2016 10:29	05/16/2016 19:54	LDS
								Certifications: NELAC-NY10854,NJDEP			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	8.3	8.3	18.39	EPA TO-15	05/16/2016 10:29	05/16/2016 19:54	LDS
								Certifications: NELAC-NY10854,NJDEP			
79-01-6	Trichloroethylene	ND		ug/m³	2.5	2.5	18.39	EPA TO-15	05/16/2016 10:29	05/16/2016 19:54	LDS
								Certifications: NELAC-NY10854,NJDEP			
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	10	10	18.39	EPA TO-15	05/16/2016 10:29	05/16/2016 19:54	LDS
								Certifications: NELAC-NY10854,NJDEP			
108-05-4	Vinyl acetate	ND		ug/m³	6.5	6.5	18.39	EPA TO-15	05/16/2016 10:29	05/16/2016 19:54	LDS
								Certifications: NELAC-NY10854,NJDEP			
593-60-2	Vinyl bromide	ND		ug/m³	8.0	8.0	18.39	EPA TO-15	05/16/2016 10:29	05/16/2016 19:54	LDS
								Certifications: NELAC-NY10854,NJDEP			
75-01-4	Vinyl Chloride	ND		ug/m³	4.7	4.7	18.39	EPA TO-15	05/16/2016 10:29	05/16/2016 19:54	LDS
								Certifications: NELAC-NY10854,NJDEP			

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.

CCV-A The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>30% Difference for average Rf). This applies to dectected analytes only.

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*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two.
For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

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.

Field Chain-of-Custody Record - AIR

YORK ANALYTICAL LABORATORIES INC

Page 1 of 1

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. 16E0509

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type/Deliverables
Company: Athenica Env. Serv.	Company:	Company:	16-133-0553	RUSH - Same Day ☐	Summary Report ___
Address: 45-09 Greenpoint Ave L.I.C., NY 11101	Address: SAME	Address: SAME	710 Grand St.	RUSH - Next Day ☐	Summary w/ QA Summary ___
Phone No. 718-784-7490	Phone No.	Phone No.	Purchase Order No.	RUSH - Two Day ☐	CT RCP Package ___
Contact Person: Curtis Breuer	Attention:	Attention: Josiane Charles		RUSH - Three Day ☐	NY ASP A Package ___
E-Mail Address: cbreuer@athenica.com	E-Mail Address:	E-Mail Address: jcharles@athenica.com	Samples from: CT___ NY X NJ___	RUSH - Four Day ☐	NY ASP B/CLP Pkg ___
				Standard(5-7 Days) ☒	NJDEP Reduced ___
					Electronic Deliverables:
					EDD (Specify Type) ___
					Standard Excel X
					Regulatory Comparison Excel ___

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.

Additional Notes:

Samples Collected/Authorized By (Signature): [signature]

Name (printed): Curtis Breuer

Air Matrix Codes

- AI - INDOOR Ambient Air
- AO- OUTDOOR Amb. Air
- AE- Vapor Extraction Well/ Process Gas/Effluent
- AS- SOIL Vapor/Sub-Slab

Please enter the following Field Data

Detection Limits Required

- ≤ 1 ug/m³ ___
- NYSDEC VI Limits ___ (VI = vapor intrusion)
- NJDEP low level ___
- Routine Survey ___
- Other ___

Special Instructions

Sample Identification	Date Sampled	AIR Matrix	Canister Vacuum Before Sampling (in. Hg)	Canister Vacuum After Sampling (in. Hg)	Canister ID	Flow Cont.ID	ANALYSES REQUESTED	Sampling Media
SV-1	5/11/16	AS	-30	-2	16973	Y27	TO-15	6 Liter canister X / Tedlar Bag
SV-2	↓	↓	-26.5	-3	Y02K-02	7361	TO-15	6 Liter canister X / Tedlar Bag
SV-3	↓	↓	-28	-5	16974	7268	TO-15	6 Liter canister X / Tedlar Bag
								6 Liter canister ___ / Tedlar Bag
								6 Liter canister ___ / Tedlar Bag
								6 Liter canister ___ / Tedlar Bag
								6 Liter canister ___ / Tedlar Bag
								6 Liter canister ___ / Tedlar Bag
								6 Liter canister ___ / Tedlar Bag
								6 Liter canister ___ / Tedlar Bag

Comments: "E-designation Project"

Samples Relinquished By: Athenica Lavoot — Date/Time: 5/12/16 850AM

Samples Relinquished By: KBaker 5-12-16 — Date/Time:

Samples Received By: KBaker 5-12-16 — Date/Time: 850AM

Samples Received in LAB by: DGrace 5-12-16 — Date/Time: 1833 @

APPENDIX H

RIR ADDENDUM

ATHENICA ENVIRONMENTAL SERVICES, INC.
Environmental Engineering Consultants

August 30, 2016

New York City Office of Environmental Remediation
City Voluntary Cleanup Program
c/o Shaminder Chawla
100 Gold Street, 2nd Floor
New York, NY 10038

Re: 710 Grand Street, Brooklyn, New York 11211
Addendum to Remedial Investigation Report
VCP # 16CVCP085K
E-Designation # 16EH-N340K

Dear Mr. Chawla:

Athenica Environmental Services, Inc. hereby submits an Addendum to Remedial Investigation Report (RIR) dated May 2016 for the Subject Site located at 710 Grand Street to the New York City Office of Environmental Remediation (OER) on behalf of Jaroah Inc. This letter includes results for the groundwater sampling event. The additional results are described below:

1. In order to complete the RI, one (1) groundwater monitoring well was installed at the Site during the geotechnical investigation. Site location and sampling plan are provided as Figures 1 and 2, respectively. A photo log of additional remedial investigation is included in Appendix A.
2. One temporary, off-site, groundwater monitoring well designated as MW-1 was installed to a depth of 45 feet below the sidewalk level. The monitoring well was installed utilizing an Acker Remote Access Drilling rig. One (1) groundwater sample was collected utilizing low-flow purging and sampling methods. The groundwater well was purged until water quality parameters, such as turbidity, conductivity, pH, and dissolved oxygen were stabilized over three consecutive measurements while draw-down during purging is kept to a minimum (0.3 feet or less). The groundwater sample was analyzed for the presence of volatile organic compounds (VOCs) by EPA Method 8260, semi-volatile organic compounds (SVOCs) by EPA Method 8270, pesticides/PCBs by EPA Methods 8081/8082, and target analyte list (TAL) metals as well as trivalent and hexavalent chromium. All samples were transmitted under proper chain of custody procedures to York Analytical Laboratories, a State-certified (ELAP) laboratory for confirmatory laboratory analyses. The soil boring log for the geotechnical boring prepared by ADT is provided in Appendix B. Monitoring well construction log is included in Appendix C.

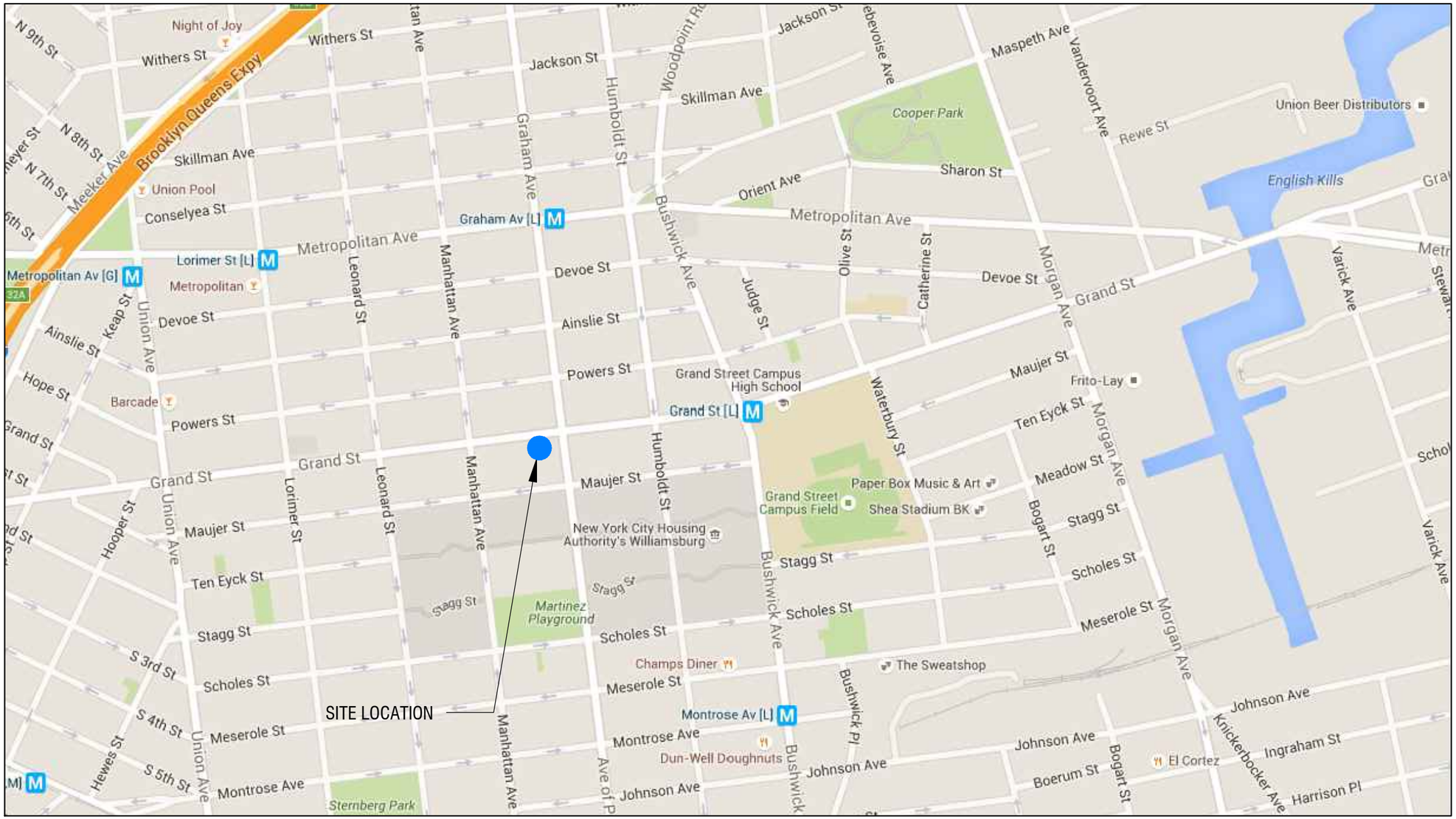
3. One groundwater sample collected during the geotechnical investigation was compared to NYSDEC 6NYCRR Part 703.5 Class GA Groundwater Quality Standards (GWS). No SVOCs, Pesticides or PCBs were detected in the groundwater sample. Three (3) VOCs, specifically; 2-butanone (3,600 µg/L), acetone (2,800 µg/L), and chloroform (15 µg/L) were detected above their respective GQS. The elevated concentrations of these three VOCs caused the dilution factor of the sample to be 100, therefore, the MDLs for several other VOCs are reported higher than the GQS values. The SVOCs with MDLs detected above GQS mainly consist of phenols and PAHs. In the NYSDEC Technical & Operational Guidance Series (TOGS), each individual phenolic compound is referred to the total phenol regulatory standard of 1 µg/L. However, low concentrations for PAHs and total phenol are not achievable by the current technology used in the lab. As a result, some SVOCs' MDLs are reported above their respective GQS. Several dissolved metals were detected above their respective MDLs with eight (8) of them exceeding their respective GQS. These dissolved metals include beryllium (6 µg/L), chromium (333 µg/L), copper (279 µg/L), lead (61 µg/L), manganese (7,410 µg/L), nickel (287 µg/L), selenium (21 µg/L), and sodium (35,000 µg/L). A revised summary table of data with additional results for chemical analyses performed on groundwater samples is included in Tables 1 through 5. Laboratory analytical report for groundwater samples is included in Appendix D.

Sincerely,

Ezgi Karayel
Senior Project Manager

Cc: Amanda Duchesne, NYCOER

FIGURES

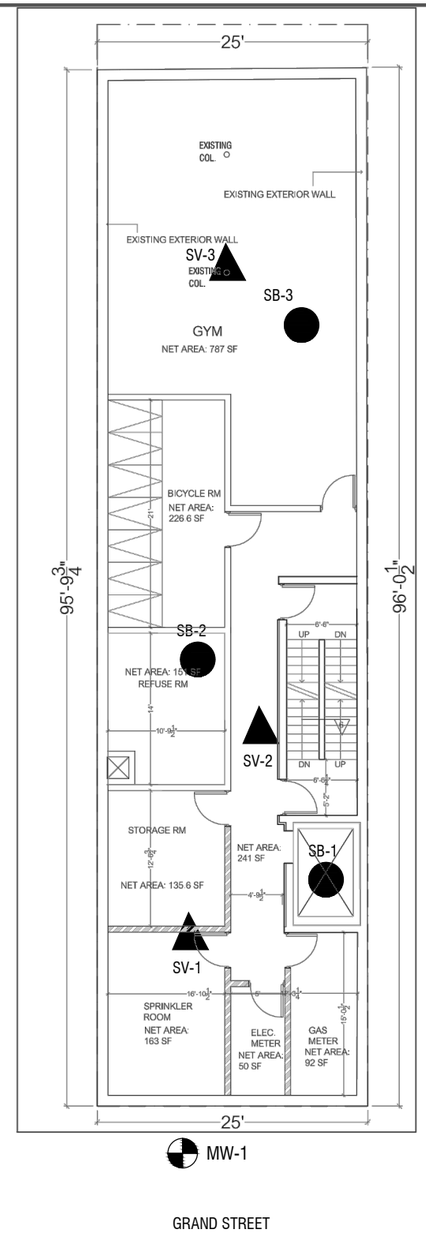


Legend:

SITE LOCATION

ATHENICA ENVIRONMENTAL SERVICES, INC,
Environmental Consultants

Date:	MAY 23, 2016	Site map:	710 GRAND STREET BROOKLYN, NY 11211
Drawn by:	ANASTASIA KAKOURI		
Checked by:	CURTIS BREUER		
Drawing Scale:	NOT TO SCALE	Figure:	1
Project No.:	16-133-0553	Title:	SITE LOCATION MAP



Legend:

PROPOSED SOIL VAPOR LOCATION

PROPOSED SOIL BORING LOCATION

MW-X MONITORING WELL LOCATION AND DESIGNATION NUMBER

Bar Scale:

NOT TO SCALE

ATHENICA ENVIRONMENTAL SERVICES, INC.
Environmental Consultants

Date:	JULY 29, 2016
Drawn by:	CASEYBLUMBERG
Checked by:	CURTIS BREUER
Drawing Scale:	AS NOTED
Project No.:	16-133-0533

Site map: 710 GRAND STREET BROOKLYN, NY 11211

Figure: 2

Title: SAMPLING LOCATIONS

TABLES

Table 1
VOCs in Groundwater
710 Grand Street, Brooklyn, NY 11211

Sample ID Sampling Matrix Sampling Date Dilution Factor Unit Of Measure	NYSDEC TOGS Standards and Guidance Values - GA ug/L	GW-1 Groundwater 7/20/2016 100 ug/L	
1,1,1,2-Tetrachloroethane	5	2	ND
1,1,1-Trichloroethane	5	2	ND
1,1,2,2-Tetrachloroethane	5	2	ND
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	5	2	ND
1,1,2-Trichloroethane	1	2	ND
1,1-Dichloroethane	5	2	ND
1,1-Dichloroethylene	5	2	ND
1,2,3-Trichlorobenzene	5	2	ND
1,2,3-Trichloropropane	0.04	2	ND
1,2,4-Trichlorobenzene	5	2	ND
1,2,4-Trimethylbenzene	5	2	ND
1,2-Dibromo-3-chloropropane	0.04	2	ND
1,2-Dibromoethane	5	2	ND
1,2-Dichlorobenzene	3	2	ND
1,2-Dichloroethane	0.6	2	ND
1,2-Dichloropropane	1	2	ND
1,3,5-Trimethylbenzene	5	2	ND
1,3-Dichlorobenzene	3	2	ND
1,4-Dichlorobenzene	3	2	ND
1,4-Dioxane	NC	400	ND
2-Butanone	50	3,600	BD
2-Hexanone	50	2	ND
4-Methyl-2-pentanone	NC	2	ND
Acetone	50	2,800	BD
Acrolein	NC	2	ND
Acrylonitrile	NC	2	ND
Benzene	1	2	ND
Bromochloromethane	5	2	ND
Bromodichloromethane	50	2	ND
Bromoform	50	2	ND
Bromomethane	5	2	ND
Carbon disulfide	NC	2	ND
Carbon tetrachloride	5	2	ND
Chlorobenzene	5	2	ND
Chloroethane	5	2	ND
Chloroform	7	15	D
Chloromethane	5	2	ND
cis-1,2-Dichloroethylene	5	2	ND
cis-1,3-Dichloropropylene	0.4	2	ND
Cyclohexane	NC	2	ND
Dibromochloromethane	50	2	ND
Dibromomethane	NC	2	ND
Dichlorodifluoromethane	5	2	ND
Ethyl Benzene	5	2	ND
Hexachlorobutadiene	0.5	2	ND
Isopropylbenzene	5	2	ND
Methyl acetate	NC	2	ND
Methyl tert-butyl ether (MTBE)	10	2	ND
Methylcyclohexane	NC	2	ND
Methylene chloride	5	10	ND
n-Butylbenzene	5	2	ND
n-Propylbenzene	5	2	ND
o-Xylene	5	2	ND
p- & m- Xylenes	5	5	ND
p-Isopropyltoluene	5	2	ND
sec-Butylbenzene	5	2	ND
Styrene	5	2	ND
tert-Butyl alcohol (TBA)	NC	5	ND
tert-Butylbenzene	5	2	ND
Tetrachloroethylene	5	2	ND
Toluene	5	2	ND
trans-1,2-Dichloroethylene	5	2	ND
trans-1,3-Dichloropropylene	0.4	2	ND
Trichloroethylene	5	2	ND
Trichlorofluoromethane	5	2	ND
Vinyl Chloride	2	2	ND
Xylenes, Total	5	6	ND

NC - this indicates that no regulatory limit has been established for this analyte
ND - analyte not detected at or above the level indicated
B - analyte found in the analysis batch blank
D - result is from an analysis that required a dilution

Table 2
SVOCs in Groundwater
710 Grand Street, Brooklyn, NY 11211

Sample ID Sampling Matrix Sampling Date Dilution Factor Unit Of Measure	NYSDEC TOGS Standards and Guidance Values - GA ug/L	GW-1 Groundwater 7/20/2016 1 ug/L	
1,1'-Biphenyl	NC	2.56	ND
1,2,4,5-Tetrachlorobenzene	NC	2.56	ND
1,2,4-Trichlorobenzene	5	2.56	ND
1,2-Dichlorobenzene	3	2.56	ND
1,2-Diphenylhydrazine (as Azobenzene)	NC	2.56	ND
1,3-Dichlorobenzene	3	2.56	ND
1,4-Dichlorobenzene	3	2.56	ND
2,3,4,6-Tetrachlorophenol	NC	2.56	ND
2,4,5-Trichlorophenol	1	2.56	ND
2,4,6-Trichlorophenol	1	2.56	ND
2,4-Dichlorophenol	5	2.56	ND
2,4-Dimethylphenol	50	2.56	ND
2,4-Dinitrophenol	10	2.56	ND
2,4-Dinitrotoluene	5	2.56	ND
2,6-Dinitrotoluene	5	2.56	ND
2-Chloronaphthalene	10	2.56	ND
2-Chlorophenol	1	2.56	ND
2-Methylnaphthalene	NC	2.56	ND
2-Methylphenol	1	2.56	ND
2-Nitroaniline	5	2.56	ND
2-Nitrophenol	1	2.56	ND
3- & 4-Methylphenols	NC	2.56	ND
3,3'-Dichlorobenzidine	5	2.56	ND
3-Nitroaniline	5	2.56	ND
4,6-Dinitro-2-methylphenol	NC	2.56	ND
4-Bromophenyl phenyl ether	NC	2.56	ND
4-Chloro-3-methylphenol	1	2.56	ND
4-Chloroaniline	5	2.56	ND
4-Chlorophenyl phenyl ether	NC	2.56	ND
4-Nitroaniline	5	2.56	ND
4-Nitrophenol	1	2.56	ND
Acenaphthene	20	0.051	ND
Acenaphthylene	NC	0.051	ND
Acetophenone	NC	2.56	ND
Aniline	5	2.56	ND
Anthracene	50	0.051	ND
Atrazine	NC	0.51	ND
Benzaldehyde	NC	2.56	ND
Benzidine	NC	10.30	ND
Benzo(a)anthracene	0.002	0.051	ND
Benzo(a)pyrene	0.002	0.051	ND
Benzo(b)fluoranthene	0.002	0.051	ND
Benzo(g,h,i)perylene	NC	0.051	ND
Benzo(k)fluoranthene	0.002	0.051	ND
Benzoic acid	NC	25.60	ND
Benzyl alcohol	NC	2.56	ND
Benzyl butyl phthalate	50	2.56	ND
Bis(2-chloroethoxy)methane	5	2.56	ND
Bis(2-chloroethyl)ether	1	2.56	ND
Bis(2-chloroisopropyl)ether	5	2.56	ND
Bis(2-ethylhexyl)phthalate	5	0.51	ND
Caprolactam	NC	2.56	ND
Carbazole	NC	2.56	ND
Chrysene	0.002	0.051	ND
Dibenzo(a,h)anthracene	NC	0.051	ND
Dibenzofuran	NC	2.56	ND
Diethyl phthalate	50	2.56	ND
Dimethyl phthalate	50	2.56	ND
Di-n-butyl phthalate	50	2.56	ND
Di-n-octyl phthalate	50	2.56	ND
Fluoranthene	50	0.051	ND
Fluorene	50	0.051	ND
Hexachlorobenzene	0.04	0.021	ND
Hexachlorobutadiene	0.5	0.51	ND
Hexachlorocyclopentadiene	5	2.56	ND
Hexachloroethane	5	0.51	ND
Indeno(1,2,3-cd)pyrene	0.002	0.051	ND
Isophorone	50	2.56	ND
Naphthalene	10	0.051	ND
Nitrobenzene	0.4	0.26	ND
N-Nitrosodimethylamine	NC	0.51	ND
N-nitroso-di-n-propylamine	NC	2.56	ND
N-Nitrosodiphenylamine	50	2.56	ND
Pentachlorophenol	1	0.26	ND
Phenanthrene	50	0.051	ND
Phenol	1	2.56	ND
Pyrene	50	0.051	ND

NC - this indicates that no regulatory limit has been established for this analyte
ND - analyte not detected at or above the level indicated

Table 3
Pesticides and PCBs in Groundwater
710 Grand Street, Brooklyn, NY 11211

Sample ID Sampling Matrix Sampling Date Dilution Factor Unit Of Measure	NYSDEC TOGS Standards and Guidance Values - GA ug/L	GW-1 Groundwater 7/20/2016 1 ug/L	
4,4'-DDD	0.3	0.0047	ND
4,4'-DDE	0.2	0.0047	ND
4,4'-DDT	0.2	0.0047	ND
Aldrin	NC	0.0047	ND
alpha-BHC	0.01	0.0047	ND
alpha-Chlordane	NC	0.0047	ND
beta-BHC	0.04	0.0047	ND
Chlordane, total	0.05	0.047	ND
delta-BHC	0.04	0.0047	ND
Dieldrin	0.004	0.0024	ND
Endosulfan I	NC	0.0047	ND
Endosulfan II	NC	0.0047	ND
Endosulfan sulfate	NC	0.0047	ND
Endrin	NC	0.0047	ND
Endrin aldehyde	5	0.012	ND
Endrin ketone	5	0.012	ND
gamma-BHC (Lindane)	0.05	0.0047	ND
gamma-Chlordane	NC	0.012	ND
Heptachlor	0.04	0.0047	ND
Heptachlor epoxide	0.03	0.0047	ND
Methoxychlor	35	0.0047	ND
Toxaphene	0.06	0.12	ND
Aroclor 1016	NC	0.059	ND
Aroclor 1221	NC	0.059	ND
Aroclor 1232	NC	0.059	ND
Aroclor 1242	NC	0.059	ND
Aroclor 1248	NC	0.059	ND
Aroclor 1254	NC	0.059	ND
Aroclor 1260	NC	0.059	ND
Total PCBs	0.09	0.059	ND

NC - this indicates that no regulatory limit has been established for this analyte

ND - analyte not detected at or above the level indicated

Table 4
Total Metals in Groundwater
710 Grand Street, Brooklyn, NY 11211

Sample ID Sampling Matrix Sampling Date Dilution Factor Unit Of Measure	NYSDEC TOGS Standards and Guidance ug/L	GW-1 Groundwater 7/20/2016 1 ug/L	
Aluminum	NC	50,300	
Antimony	3	6	ND
Arsenic	25	4	ND
Barium	1000	827	
Beryllium	3	4	
Cadmium	5	3	ND
Calcium	NC	79,000	
Chromium	50	197	
Cobalt	NC	67	
Copper	200	274	
Iron	NC	138,000	
Lead	25	67	
Magnesium	35000	25,900	
Manganese	300	11,600	E
Nickel	100	286	
Potassium	NC	22,500	
Selenium	10	30	
Silver	50	6	ND
Sodium	20000	40,600	
Thallium	NC	6	ND
Vanadium	NC	154	
Zinc	2000	595	
Mercury	0.7	0.20	ND

NC - this indicates that no regulatory limit has been established for this analyte

ND - analyte not detected at or above the level indicated

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

Table 5
Dissolved Metals in Groundwater
710 Grand Street, Brooklyn, NY 11211

Sample ID **Sampling Matrix** **Sampling Date** **Dilution Factor** **Unit Of Measure**	**NYSDEC TOGS Standards and Guidance** **ug/L**	**GW-1** **Groundwater** **7/20/2016** **1** **ug/L**	
Aluminum	NC	139,000	
Antimony	3	6	ND
Arsenic	25	4	ND
Barium	1000	740	
Beryllium	3	6	
Cadmium	5	3	ND
Calcium	NC	49,500	
Chromium	50	333	
Cobalt	NC	83	
Copper	200	279	
Iron	NC	214,000	
Lead	25	61	
Magnesium	35000	31,900	
Manganese	300	7,410	
Nickel	100	287	
Potassium	NC	31,800	
Selenium	10	21	
Silver	50	6	ND
Sodium	20000	35,000	
Thallium	NC	6	ND
Vanadium	NC	323	
Zinc	2000	539	
Mercury	0.7	0.20	ND
Chromium, Hexavalent	50	10	ND
Chromium, Trivalent	NC	197	

NC - this indicates that no regulatory limit has been established for this analyte

ND - analyte not detected at or above the level indicated

APPENDIX A

PHOTO LOG

View of the peristaltic pump, Horiba Flow Cell, and sampling equipment at MW-1

View of an Athenica field scientist filling sampling containers from MW-1

APPENDIX B

BORING LOG

AQUIFER DRILLING & TESTING, INC.

75 E.2nd St, Mineola, NY, 11501

BORING NO.	B - 1
SHEET	1 OF 2
NORTHING:	
EASTING:	
ELEVATION	

CLIENT:	Jaroah Inc.	RIG TYPE:	Acker Rad	DEPTH TO GROUNDWATER
PROJECT:	710 Grand Street	CSG SIZE:	4"	35'
LOCATION:		DEPTH OF CSG:		
CITY:	Brooklyn, NY	SPOON:	2"	DEPTH OF BORING
START DATE:	7/15/16	HAMMER:	140 LB	
FINISH DATE:	7/19/16	DROP:	30"	72'

DEPTH	SAMPLE NUMBER	BLOWS ON SAMPLER 0-.5	.5-1.0	1 -1.5	1.5 -2	MOISTURE	STRATA BREAK	SOIL DESCRIPTION
1	1	6	7	7	6			Fill: Sand, silt, gravel, brick (7)
3	2	2	2	6	14			Same
5	3	114	18	14	10			Same
7	4	12	10	11	17			Same
9	5	27	45	57	67			Brown F-M sand, little silt, little gravel, (FILL) (7)
11	6	100/5"						Fill: Sand, silt, gravel, brick (7)
							14'	
15	7	21	22	27	35			Dense, brown, F-C sand, little gravel, little silt (SM) (3a)
							20'	
20	8	3	5	23	16			Medium dense, brown, F-C sand,trace silt (SP) (3b)
							25'	
25	9	28	46	35	41			Dense, brown, F-M sand, some silt (SM) (3a) Clay at bottom (CL) (4a)
							30'	
30	10	10	33	59	100/4"			Dense, brown, F-C sand, some silt, little gravel (SM) (3a)
							35'	
35	11	60	45	40	41			Dense, brown, F-C sand and silt, trace gravel (SM-ML) (3a-5a)

DRILLER: Ed Feliciano

HELPER: Ed Feliciano, Jr.

AQUIFER DRILLING & TESTING, INC.

75 E.2nd St, Mineola, NY, 11501

BORING NO.	B - 1
SHEET	2 OF 2
NORTHING:	
EASTING:	
ELEVATION	

CLIENT:	Jaroah Inc.	RIG TYPE:	Acker Rad	DEPTH TO GROUNDWATER
PROJECT:	710 Grand Street	CSG SIZE:	4"	35'
LOCATION:		DEPTH OF CSG:		
CITY:	Brooklyn, NY	SPOON:	2"	DEPTH OF BORING
START DATE:	7/15/16	HAMMER:	140 LB	
FINISH DATE:	7/19/16	DROP:	30"	72'

DEPTH	SAMPLE NUMBER	BLOWS ON SAMPLER 0-.5	.5-1.0	1 -1.5	1.5 -2	MOISTURE	STRATA BREAK	SOIL DESCRIPTION
40	12	46	55	54	80		40'	Dense, brown, gravel, little F-C sand, some silt (SM) (2a)
							45'	
45	13	40	50	57	61			Dense, brown, F-C sand, little gravel, little silt (SM) (3a)
							50'	
50	14	90	87	100/5"				Dense, brown, F-M sand, trace silt (SP) (3a)
55	15	65	69	73	80			Same
60	16	30	32	53	68			Same
65	17	38	48	52	66			Same
70	18	30	37	40	42			Same
								End of boring at 72'
								Well installed at 45' 30' riser 15' screen

DRILLER: Ed Feliciano

HELPER: Ed Feliciano, Jr.

APPENDIX C

WELL CONSTRUCTION LOGS

ATHENICA ENVIRONMENTAL SERVICES, INC.
Environmental Consultants

JOB NAME: 710 Grand Street

WELL NUMBER: **MW-1**

ADDRESS: 710 Grand Street - Brooklyn, NY

DRILLING METHOD: Acker RAD

INSTALLATION DATE: 7/19/16

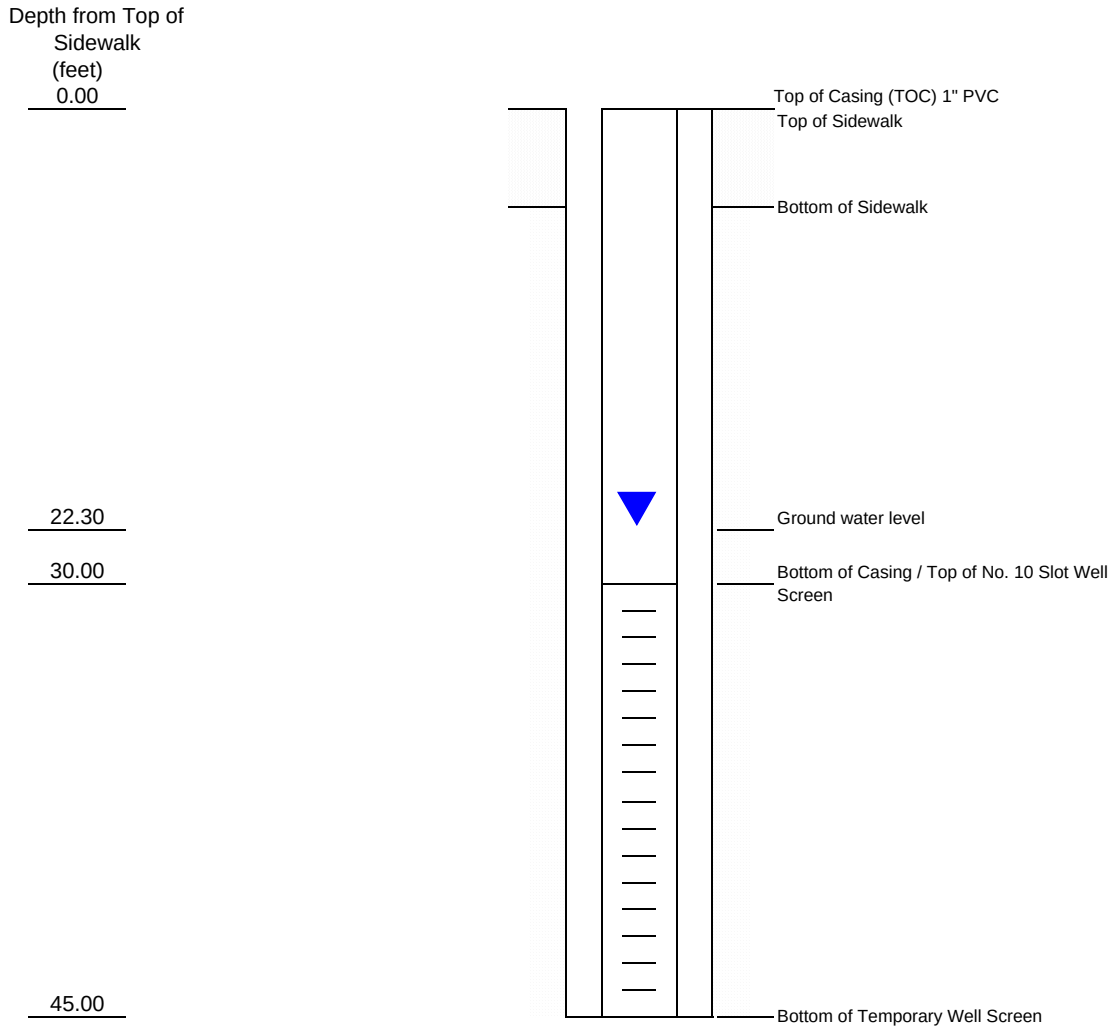
DRILLER: ADT

HEIGHT OF STICK-UP: N/A

GAUGING DATE: 7/20/16

DEPTH TO WATER: 22.3

DEPTH TO PRODUCT: N/A



NOT TO SCALE

APPENDIX D

LABORATORY ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES

Technical Report

prepared for:

Athenica Environmental Services, Inc.
45-09 Greenpoint Avenue
Long Island City NY, 11104
Attention: Curtis Breuer

Report Date: 08/17/2016
Client Project ID: 16-133-0553 710 Grand St.
York Project (SDG) No.: 16G0791

Revision No. 1.0

Report Date: 08/17/2016
Client Project ID: 16-133-0553 710 Grand St.
York Project (SDG) No.: 16G0791

Athenica Environmental Services, Inc.
45-09 Greenpoint Avenue
Long Island City NY, 11104
Attention: Curtis Breuer

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on July 21, 2016 and listed below. The project was identified as your project: **16-133-0553 710 Grand St.**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
16G0791-01	GW-1	Water	07/20/2016	07/21/2016

General Notes for York Project (SDG) No.: 16G0791

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

Approved By: **Date:** 08/17/2016

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: **GW-1** **York Sample ID:** **16G0791-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16G0791	16-133-0553 710 Grand St.	Water	July 20, 2016 3:00 pm	07/21/2016

Volatile Organics, NJDEP/TCL/Part 375 List

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
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/26/2016 17:35	07/27/2016 13:48	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/26/2016 17:35	07/27/2016 13:48	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/26/2016 17:35	07/27/2016 13:48	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/26/2016 17:35	07/27/2016 13:48	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/26/2016 17:35	07/27/2016 13:48	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/26/2016 17:35	07/27/2016 13:48	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/26/2016 17:35	07/27/2016 13:48	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/26/2016 17:35	07/27/2016 13:48	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/26/2016 17:35	07/27/2016 13:48	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/26/2016 17:35	07/27/2016 13:48	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/26/2016 17:35	07/27/2016 13:48	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/26/2016 17:35	07/27/2016 13:48	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/26/2016 17:35	07/27/2016 13:48	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/26/2016 17:35	07/27/2016 13:48	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/26/2016 17:35	07/27/2016 13:48	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/26/2016 17:35	07/27/2016 13:48	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/26/2016 17:35	07/27/2016 13:48	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/26/2016 17:35	07/27/2016 13:48	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/26/2016 17:35	07/27/2016 13:48	BK
123-91-1	1,4-Dioxane	ND		ug/L	400	800	10	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/26/2016 17:35	07/27/2016 13:48	BK
78-93-3	**2-Butanone**	**3600**	B	ug/L	80	200	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/26/2016 17:35	07/26/2016 17:35	BK
591-78-6	2-Hexanone	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/26/2016 17:35	07/27/2016 13:48	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/26/2016 17:35	07/27/2016 13:48	BK

Sample Information

Client Sample ID: GW-1 **York Sample ID:** 16G0791-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16G0791	16-133-0553 710 Grand St.	Water	July 20, 2016 3:00 pm	07/21/2016

Volatile Organics, NJDEP/TCL/Part 375 List

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
67-64-1	**Acetone**	**2800**	B	ug/L	100	200	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/26/2016 17:35	07/26/2016 17:35	BK
107-02-8	Acrolein	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/26/2016 17:35	07/27/2016 13:48	BK
107-13-1	Acrylonitrile	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/26/2016 17:35	07/27/2016 13:48	BK
71-43-2	Benzene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/26/2016 17:35	07/27/2016 13:48	BK
74-97-5	Bromochloromethane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/26/2016 17:35	07/27/2016 13:48	BK
75-27-4	Bromodichloromethane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/26/2016 17:35	07/27/2016 13:48	BK
75-25-2	Bromoform	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/26/2016 17:35	07/27/2016 13:48	BK
74-83-9	Bromomethane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/26/2016 17:35	07/27/2016 13:48	BK
75-15-0	Carbon disulfide	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/26/2016 17:35	07/27/2016 13:48	BK
56-23-5	Carbon tetrachloride	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/26/2016 17:35	07/27/2016 13:48	BK
108-90-7	Chlorobenzene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/26/2016 17:35	07/27/2016 13:48	BK
75-00-3	Chloroethane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/26/2016 17:35	07/27/2016 13:48	BK
67-66-3	**Chloroform**	**15**		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/26/2016 17:35	07/27/2016 13:48	BK
74-87-3	Chloromethane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/26/2016 17:35	07/27/2016 13:48	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/26/2016 17:35	07/27/2016 13:48	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/26/2016 17:35	07/27/2016 13:48	BK
110-82-7	Cyclohexane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/26/2016 17:35	07/27/2016 13:48	BK
124-48-1	Dibromochloromethane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/26/2016 17:35	07/27/2016 13:48	BK
74-95-3	Dibromomethane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/26/2016 17:35	07/27/2016 13:48	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/26/2016 17:35	07/27/2016 13:48	BK
100-41-4	Ethyl Benzene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/26/2016 17:35	07/27/2016 13:48	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/26/2016 17:35	07/27/2016 13:48	BK
98-82-8	Isopropylbenzene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/26/2016 17:35	07/27/2016 13:48	BK

Sample Information

Client Sample ID: GW-1 **York Sample ID:** 16G0791-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16G0791	16-133-0553 710 Grand St.	Water	July 20, 2016 3:00 pm	07/21/2016

Volatile Organics, NJDEP/TCL/Part 375 List

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
79-20-9	Methyl acetate	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/26/2016 17:35	07/27/2016 13:48	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/26/2016 17:35	07/27/2016 13:48	BK
108-87-2	Methylcyclohexane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/26/2016 17:35	07/27/2016 13:48	BK
75-09-2	Methylene chloride	ND		ug/L	10	20	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/26/2016 17:35	07/27/2016 13:48	BK
104-51-8	n-Butylbenzene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/26/2016 17:35	07/27/2016 13:48	BK
103-65-1	n-Propylbenzene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/26/2016 17:35	07/27/2016 13:48	BK
95-47-6	o-Xylene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: NELAC-NY10854	07/26/2016 17:35	07/27/2016 13:48	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	10	EPA 8260C Certifications: NELAC-NY10854	07/26/2016 17:35	07/27/2016 13:48	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/26/2016 17:35	07/27/2016 13:48	BK
135-98-8	sec-Butylbenzene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/26/2016 17:35	07/27/2016 13:48	BK
100-42-5	Styrene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/26/2016 17:35	07/27/2016 13:48	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	5.0	10	10	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/26/2016 17:35	07/27/2016 13:48	BK
98-06-6	tert-Butylbenzene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/26/2016 17:35	07/27/2016 13:48	BK
127-18-4	Tetrachloroethylene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/26/2016 17:35	07/27/2016 13:48	BK
108-88-3	Toluene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/26/2016 17:35	07/27/2016 13:48	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/26/2016 17:35	07/27/2016 13:48	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/26/2016 17:35	07/27/2016 13:48	BK
79-01-6	Trichloroethylene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/26/2016 17:35	07/27/2016 13:48	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/26/2016 17:35	07/27/2016 13:48	BK
75-01-4	Vinyl Chloride	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/26/2016 17:35	07/27/2016 13:48	BK
1330-20-7	* Xylenes, Total	ND		ug/L	6.0	15	10	EPA 8260C Certifications: CTDOH,NJDEP	07/26/2016 17:35	07/27/2016 13:48	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*106 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*109 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*112 %*	*79-122*

Sample Information

Client Sample ID: GW-1 **York Sample ID:** 16G0791-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16G0791	16-133-0553 710 Grand St.	Water	July 20, 2016 3:00 pm	07/21/2016

Semi-Volatiles, NJDEP/TCL/Part 375 List **Log-in Notes:** **Sample Notes:** EXT-D, EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/28/2016 11:50	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/28/2016 11:50	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/28/2016 11:50	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/26/2016 14:55	07/28/2016 11:50	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/28/2016 11:50	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/26/2016 14:55	07/28/2016 11:50	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/26/2016 14:55	07/28/2016 11:50	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/28/2016 11:50	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/28/2016 11:50	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/28/2016 11:50	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/28/2016 11:50	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/28/2016 11:50	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/28/2016 11:50	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/28/2016 11:50	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/28/2016 11:50	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/28/2016 11:50	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/28/2016 11:50	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/28/2016 11:50	KH
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/28/2016 11:50	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/28/2016 11:50	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/28/2016 11:50	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/28/2016 11:50	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/28/2016 11:50	KH

Sample Information

Client Sample ID: GW-1 **York Sample ID:** 16G0791-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16G0791	16-133-0553 710 Grand St.	Water	July 20, 2016 3:00 pm	07/21/2016

Semi-Volatiles, NJDEP/TCL/Part 375 List **Log-in Notes:** **Sample Notes:** EXT-D, EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/28/2016 11:50	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/28/2016 11:50	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/28/2016 11:50	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/28/2016 11:50	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/28/2016 11:50	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/28/2016 11:50	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/28/2016 11:50	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/28/2016 11:50	KH
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/27/2016 12:02	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/27/2016 12:02	SR
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/28/2016 11:50	KH
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/28/2016 11:50	KH
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/27/2016 12:02	SR
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/27/2016 12:02	SR
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/28/2016 11:50	KH
92-87-5	Benzidine	ND		ug/L	10.3	20.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/28/2016 11:50	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/27/2016 12:02	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/27/2016 12:02	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/27/2016 12:02	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/27/2016 12:02	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/27/2016 12:02	SR
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/28/2016 11:50	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/28/2016 11:50	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/28/2016 11:50	KH

Sample Information

Client Sample ID: GW-1 **York Sample ID:** 16G0791-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16G0791	16-133-0553 710 Grand St.	Water	July 20, 2016 3:00 pm	07/21/2016

Semi-Volatiles, NJDEP/TCL/Part 375 List **Log-in Notes:** **Sample Notes:** EXT-D, EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/28/2016 11:50	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/28/2016 11:50	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/28/2016 11:50	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/27/2016 12:02	SR
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/28/2016 11:50	KH
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/28/2016 11:50	KH
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/27/2016 12:02	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/27/2016 12:02	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/28/2016 11:50	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/28/2016 11:50	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/28/2016 11:50	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/28/2016 11:50	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/28/2016 11:50	KH
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/27/2016 12:02	SR
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/27/2016 12:02	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/27/2016 12:02	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/27/2016 12:02	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/28/2016 11:50	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/27/2016 12:02	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/27/2016 12:02	SR
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/28/2016 11:50	KH
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/27/2016 12:02	SR
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/27/2016 12:02	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/27/2016 12:02	SR

Sample Information

Client Sample ID: GW-1 **York Sample ID:** 16G0791-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16G0791	16-133-0553 710 Grand St.	Water	July 20, 2016 3:00 pm	07/21/2016

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes: EXT-D, EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/28/2016 11:50	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/28/2016 11:50	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/27/2016 12:02	SR
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/27/2016 12:02	SR
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/28/2016 11:50	KH
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 14:55	07/27/2016 12:02	SR

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*5.13 %*	S-09	*12-64*
4165-62-2	*Surrogate: Phenol-d5*	*3.80 %*	S-09	*10-82*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*24.3 %*	S-09	*12-96*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*16.7 %*	S-09	*16-84*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*19.3 %*	S-09	*15-104*
1718-51-0	*Surrogate: Terphenyl-d14*	*9.62 %*	S-09	*15-106*

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-D, EXT-EM

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
72-54-8	4,4'-DDD	ND		ug/L	0.00471	0.00471	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 09:06	07/27/2016 19:03	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00471	0.00471	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 09:06	07/27/2016 19:03	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00471	0.00471	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 09:06	07/27/2016 19:03	AMC
309-00-2	Aldrin	ND		ug/L	0.00471	0.00471	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 09:06	07/27/2016 19:03	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00471	0.00471	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 09:06	07/27/2016 19:03	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00471	0.00471	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 09:06	07/27/2016 19:03	AMC
319-85-7	beta-BHC	ND		ug/L	0.00471	0.00471	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 09:06	07/27/2016 19:03	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0471	0.0471	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 09:06	07/27/2016 19:03	AMC
319-86-8	delta-BHC	ND		ug/L	0.00471	0.00471	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 09:06	07/27/2016 19:03	AMC
60-57-1	Dieldrin	ND		ug/L	0.00235	0.00235	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 09:06	07/27/2016 19:03	AMC

Sample Information

Client Sample ID: GW-1 **York Sample ID:** 16G0791-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16G0791	16-133-0553 710 Grand St.	Water	July 20, 2016 3:00 pm	07/21/2016

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-D, EXT-EM

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
959-98-8	Endosulfan I	ND		ug/L	0.00471	0.00471	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 09:06	07/27/2016 19:03	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00471	0.00471	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 09:06	07/27/2016 19:03	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00471	0.00471	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 09:06	07/27/2016 19:03	AMC
72-20-8	Endrin	ND		ug/L	0.00471	0.00471	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 09:06	07/27/2016 19:03	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0118	0.0118	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 09:06	07/27/2016 19:03	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0118	0.0118	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 09:06	07/27/2016 19:03	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00471	0.00471	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 09:06	07/27/2016 19:03	AMC
5566-34-7	gamma-Chlordane	ND		ug/L	0.0118	0.0118	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 09:06	07/27/2016 19:03	AMC
76-44-8	Heptachlor	ND		ug/L	0.00471	0.00471	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 09:06	07/27/2016 19:03	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00471	0.00471	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 09:06	07/27/2016 19:03	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00471	0.00471	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 09:06	07/27/2016 19:03	AMC
8001-35-2	Toxaphene	ND		ug/L	0.118	0.118	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/26/2016 09:06	07/27/2016 19:03	AMC

	Surrogate Recoveries	Result		Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*23.4 %*	GC-Sur r	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*37.8 %*		*30-120*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes: EXT-D, EXT-EM

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	0.0588	0.0588	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/26/2016 09:06	07/28/2016 08:15	AMC
11104-28-2	Aroclor 1221	ND		ug/L	0.0588	0.0588	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/26/2016 09:06	07/28/2016 08:15	AMC
11141-16-5	Aroclor 1232	ND		ug/L	0.0588	0.0588	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/26/2016 09:06	07/28/2016 08:15	AMC
53469-21-9	Aroclor 1242	ND		ug/L	0.0588	0.0588	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/26/2016 09:06	07/28/2016 08:15	AMC
12672-29-6	Aroclor 1248	ND		ug/L	0.0588	0.0588	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/26/2016 09:06	07/28/2016 08:15	AMC
11097-69-1	Aroclor 1254	ND		ug/L	0.0588	0.0588	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/26/2016 09:06	07/28/2016 08:15	AMC

Sample Information

Client Sample ID: GW-1 **York Sample ID:** 16G0791-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16G0791	16-133-0553 710 Grand St.	Water	July 20, 2016 3:00 pm	07/21/2016

Polychlorinated Biphenyls (PCB)

Log-in Notes: **Sample Notes:** EXT-D, EXT-EM

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	0.0588	0.0588	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/26/2016 09:06	07/28/2016 08:15	AMC
1336-36-3	* Total PCBs	ND		ug/L	0.0588	0.0588	1	EPA 8082A Certifications:	07/26/2016 09:06	07/28/2016 08:15	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*30.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*47.0 %*	*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**	**50.3**		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/25/2016 07:58	07/25/2016 10:37	ALD
7440-36-0	Antimony	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/25/2016 07:58	07/25/2016 10:37	ALD
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/25/2016 07:58	07/25/2016 10:37	ALD
7440-39-3	**Barium**	**0.827**		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/25/2016 07:58	07/25/2016 10:37	ALD
7440-41-7	**Beryllium**	**0.004**		mg/L	0.001	0.001	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/25/2016 07:58	07/25/2016 10:37	ALD
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/25/2016 07:58	07/25/2016 10:37	ALD
7440-70-2	**Calcium**	**79.0**		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/25/2016 07:58	07/25/2016 10:37	ALD
7440-47-3	**Chromium**	**0.197**		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/25/2016 07:58	07/25/2016 10:37	ALD
7440-48-4	**Cobalt**	**0.067**		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/25/2016 07:58	07/25/2016 10:37	ALD
7440-50-8	**Copper**	**0.274**		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/25/2016 07:58	07/25/2016 10:37	ALD
7439-89-6	**Iron**	**138**		mg/L	0.022	0.022	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/25/2016 07:58	07/25/2016 10:37	ALD
7439-92-1	**Lead**	**0.067**		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/25/2016 07:58	07/25/2016 10:37	ALD
7439-95-4	**Magnesium**	**25.9**		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/25/2016 07:58	07/25/2016 10:37	ALD
7439-96-5	**Manganese**	**11.6**		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/25/2016 07:58	07/25/2016 10:37	ALD
7440-02-0	**Nickel**	**0.286**		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/25/2016 07:58	07/25/2016 10:37	ALD
7440-09-7	**Potassium**	**22.5**		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/25/2016 07:58	07/25/2016 10:37	ALD

Sample Information

Client Sample ID: GW-1 **York Sample ID:** 16G0791-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16G0791	16-133-0553 710 Grand St.	Water	July 20, 2016 3:00 pm	07/21/2016

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
7782-49-2	**Selenium**	**0.030**		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/25/2016 07:58	07/25/2016 10:37	ALD
7440-22-4	Silver	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/25/2016 07:58	07/25/2016 10:37	ALD
7440-23-5	**Sodium**	**40.6**		mg/L	0.111	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/25/2016 07:58	07/25/2016 10:37	ALD
7440-28-0	Thallium	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/25/2016 07:58	07/25/2016 10:37	ALD
7440-62-2	**Vanadium**	**0.154**		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/25/2016 07:58	07/25/2016 10:37	ALD
7440-66-6	**Zinc**	**0.595**		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/25/2016 07:58	07/25/2016 10:37	ALD

Metals, Target Analyte, Dissolved

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**	**139**		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2016 10:09	07/22/2016 17:08	KV
7440-36-0	Antimony	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2016 10:09	07/22/2016 17:08	KV
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2016 10:09	07/22/2016 17:08	KV
7440-39-3	**Barium**	**0.740**		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2016 10:09	07/22/2016 17:08	KV
7440-41-7	**Beryllium**	**0.006**		mg/L	0.001	0.001	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2016 10:09	07/22/2016 17:08	KV
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2016 10:09	07/22/2016 17:08	KV
7440-70-2	**Calcium**	**49.5**		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2016 10:09	07/22/2016 17:08	KV
7440-47-3	**Chromium**	**0.333**		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2016 10:09	07/22/2016 17:08	KV
7440-48-4	**Cobalt**	**0.083**		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2016 10:09	07/22/2016 17:08	KV
7440-50-8	**Copper**	**0.279**		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2016 10:09	07/22/2016 17:08	KV
7439-89-6	**Iron**	**214**		mg/L	0.022	0.022	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2016 10:09	07/22/2016 17:08	KV
7439-92-1	**Lead**	**0.061**		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2016 10:09	07/22/2016 17:08	KV
7439-95-4	**Magnesium**	**31.9**		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2016 10:09	07/22/2016 17:08	KV
7439-96-5	**Manganese**	**7.41**		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2016 10:09	07/22/2016 17:08	KV

Sample Information

Client Sample ID: GW-1 **York Sample ID:** 16G0791-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16G0791	16-133-0553 710 Grand St.	Water	July 20, 2016 3:00 pm	07/21/2016

Metals, Target Analyte, Dissolved

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
7440-02-0	**Nickel**	**0.287**		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2016 10:09	07/22/2016 17:08	KV
7440-09-7	**Potassium**	**31.8**		mg/L	0.056	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2016 10:09	07/22/2016 17:08	KV
7782-49-2	**Selenium**	**0.021**		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2016 10:09	07/22/2016 17:08	KV
7440-22-4	Silver	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2016 10:09	07/22/2016 17:08	KV
7440-23-5	**Sodium**	**35.0**		mg/L	0.111	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2016 10:09	07/22/2016 17:08	KV
7440-28-0	Thallium	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2016 10:09	07/22/2016 17:08	KV
7440-62-2	**Vanadium**	**0.323**		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2016 10:09	07/22/2016 17:08	KV
7440-66-6	**Zinc**	**0.539**		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2016 10:09	07/22/2016 17:08	KV

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	0.00020	1	EPA 7473 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2016 06:35	07/22/2016 13:28	ALD

Mercury by 7473, Dissolved

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

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	0.00020	1	EPA 7473 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2016 06:35	07/22/2016 13:28	ALD

Chromium, Hexavalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	HT-01	mg/L	0.0100	0.0100	1	EPA 7196A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/21/2016 13:43	07/21/2016 21:54	TJM

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**0.197**		mg/L	0.00800	0.0100	1	Calculation Certifications:	07/28/2016 16:49	07/28/2016 16:53	PAM

Sample Information

Client Sample ID: **GW-1** **York Sample ID:** **16G0791-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16G0791	16-133-0553 710 Grand St.	Water	July 20, 2016 3:00 pm	07/21/2016

Analytical Batch Summary

Batch ID: BG60942 **Preparation Method:** Analysis Preparation **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
16G0791-01	GW-1	07/21/16
BG60942-BLK1	Blank	07/21/16
BG60942-BS1	LCS	07/21/16
BG60942-DUP1	Duplicate	07/21/16
BG60942-MS1	Matrix Spike	07/21/16

Batch ID: BG60974 **Preparation Method:** EPA 7473 water **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
16G0791-01	GW-1	07/22/16
BG60974-BLK1	Blank	07/22/16
BG60974-DUP1	Duplicate	07/22/16
BG60974-MS1	Matrix Spike	07/22/16
BG60974-SRM1	Reference	07/22/16

Batch ID: BG61006 **Preparation Method:** EPA 3015A **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
16G0791-01	GW-1	07/22/16
BG61006-BLK1	Blank	07/22/16
BG61006-SRM1	Reference	07/22/16

Batch ID: BG61070 **Preparation Method:** EPA 3015A **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
16G0791-01	GW-1	07/25/16
BG61070-BLK1	Blank	07/25/16
BG61070-DUP1	Duplicate	07/25/16
BG61070-MS1	Matrix Spike	07/25/16
BG61070-SRM1	Reference	07/25/16

Batch ID: BG61162 **Preparation Method:** EPA 5030B **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
16G0791-01RE1	GW-1	07/26/16
BG61162-BLK1	Blank	07/26/16
BG61162-BS1	LCS	07/26/16
BG61162-BSD1	LCS Dup	07/26/16

Batch ID: BG61192 **Preparation Method:** EPA 3510C **Prepared By:** TFG

YORK Sample ID	Client Sample ID	Preparation Date

16G0791-01	GW-1	07/26/16
BG61192-BLK1	Blank	07/26/16
BG61192-BS1	LCS	07/26/16
BG61192-BSD1	LCS Dup	07/26/16

Batch ID: BG61193 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** RDS

YORK Sample ID	Client Sample ID	Preparation Date
16G0791-01	GW-1	07/26/16
16G0791-01	GW-1	07/26/16
BG61193-BLK1	Blank	07/26/16
BG61193-BLK2	Blank	07/26/16
BG61193-BS1	LCS	07/26/16
BG61193-BS2	LCS	07/26/16
BG61193-BSD1	LCS Dup	07/26/16
BG61193-BSD2	LCS Dup	07/26/16

Batch ID: BG61235 **Preparation Method:** EPA 5030B **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
16G0791-01	GW-1	07/26/16
BG61235-BLK1	Blank	07/27/16
BG61235-BS1	LCS	07/27/16
BG61235-BSD1	LCS Dup	07/27/16

Batch ID: BG61377 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
16G0791-01	GW-1	07/28/16

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG61162 - EPA 5030B											
Blank (BG61162-BLK1)								Prepared & Analyzed: 07/26/2016			
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	80	"								
2-Butanone	1.2	2.0	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	1.7	2.0	"								
Acrolein	ND	0.50	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG61162 - EPA 5030B											
Blank (BG61162-BLK1)							Prepared & Analyzed: 07/26/2016				
n-Propylbenzene	ND	0.50	ug/L								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	1.0	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*10.0*		*"*	*10.0*		*100*	*69-130*				
Surrogate: Toluene-d8	*10.5*		*"*	*10.0*		*105*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*79-122*				
LCS (BG61162-BS1)							Prepared & Analyzed: 07/26/2016				
1,1,1,2-Tetrachloroethane	10		ug/L	10.0		101	82-126				
1,1,1-Trichloroethane	10		"	10.0		101	78-136				
1,1,2,2-Tetrachloroethane	11		"	10.0		106	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.5		"	10.0		95.3	54-165				
1,1,2-Trichloroethane	10		"	10.0		99.5	82-123				
1,1-Dichloroethane	11		"	10.0		110	82-129				
1,1-Dichloroethylene	10		"	10.0		99.5	68-138				
1,2,3-Trichlorobenzene	7.0		"	10.0		69.8	76-136	Low Bias			
1,2,3-Trichloropropane	11		"	10.0		107	77-128				
1,2,4-Trichlorobenzene	8.5		"	10.0		84.6	76-137				
1,2,4-Trimethylbenzene	11		"	10.0		115	82-132				
1,2-Dibromo-3-chloropropane	9.6		"	10.0		95.6	45-147				
1,2-Dibromoethane	10		"	10.0		100	83-124				
1,2-Dichlorobenzene	10		"	10.0		101	79-123				
1,2-Dichloroethane	9.3		"	10.0		93.4	73-132				
1,2-Dichloropropane	10		"	10.0		103	78-126				
1,3,5-Trimethylbenzene	12		"	10.0		116	80-131				
1,3-Dichlorobenzene	10		"	10.0		105	86-122				
1,4-Dichlorobenzene	10		"	10.0		103	85-124				
1,4-Dioxane	210		"	200		105	10-349				
2-Butanone	9.6		"	10.0		95.8	49-152				
2-Hexanone	9.6		"	10.0		96.1	51-146				
4-Methyl-2-pentanone	9.4		"	10.0		94.2	57-145				
Acetone	10		"	10.0		101	14-150				
Acrolein	8.7		"	10.0		86.6	10-153				
Acrylonitrile	11		"	10.0		105	51-150				
Benzene	10		"	10.0		102	85-126				
Bromochloromethane	10		"	10.0		103	77-128				
Bromodichloromethane	10		"	10.0		102	79-128				
Bromoform	9.7		"	10.0		96.9	78-133				
Bromomethane	5.5		"	10.0		54.7	43-168				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG61162 - EPA 5030B											
LCS (BG61162-BS1)							Prepared & Analyzed: 07/26/2016				
Carbon disulfide	10		ug/L	10.0		101	68-146				
Carbon tetrachloride	10		"	10.0		101	77-141				
Chlorobenzene	10		"	10.0		102	88-120				
Chloroethane	10		"	10.0		101	65-136				
Chloroform	9.9		"	10.0		99.3	82-128				
Chloromethane	4.7		"	10.0		47.0	43-155				
cis-1,2-Dichloroethylene	10		"	10.0		99.5	83-129				
cis-1,3-Dichloropropylene	10		"	10.0		102	80-131				
Cyclohexane	9.5		"	10.0		94.7	63-149				
Dibromochloromethane	9.6		"	10.0		95.6	80-130				
Dibromomethane	10		"	10.0		102	72-134				
Dichlorodifluoromethane	10		"	10.0		101	44-144				
Ethyl Benzene	11		"	10.0		111	80-131				
Hexachlorobutadiene	6.9		"	10.0		69.1	67-146				
Isopropylbenzene	11		"	10.0		113	76-140				
Methyl acetate	8.1		"	10.0		81.0	51-139				
Methyl tert-butyl ether (MTBE)	9.4		"	10.0		94.5	76-135				
Methylcyclohexane	10		"	10.0		101	72-143				
Methylene chloride	9.1		"	10.0		91.1	55-137				
n-Butylbenzene	11		"	10.0		111	79-132				
n-Propylbenzene	11		"	10.0		114	78-133				
o-Xylene	10		"	10.0		103	78-130				
p- & m- Xylenes	22		"	20.0		110	77-133				
p-Isopropyltoluene	11		"	10.0		115	81-136				
sec-Butylbenzene	11		"	10.0		107	79-137				
Styrene	11		"	10.0		112	67-132				
tert-Butyl alcohol (TBA)	8.7		"	10.0		86.6	25-162				
tert-Butylbenzene	11		"	10.0		109	77-138				
Tetrachloroethylene	11		"	10.0		105	82-131				
Toluene	11		"	10.0		108	80-127				
trans-1,2-Dichloroethylene	10		"	10.0		102	80-132				
trans-1,3-Dichloropropylene	9.9		"	10.0		99.4	78-131				
Trichloroethylene	11		"	10.0		106	82-128				
Trichlorofluoromethane	10		"	10.0		101	67-139				
Vinyl Chloride	8.5		"	10.0		85.3	58-145				
Surrogate: 1,2-Dichloroethane-d4	*9.80*		*"*	*10.0*		*98.0*	*69-130*				
Surrogate: Toluene-d8	*10.5*		*"*	*10.0*		*105*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.5*		*"*	*10.0*		*105*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG61162 - EPA 5030B											
LCS Dup (BG61162-BSD1)								Prepared & Analyzed: 07/26/2016			
1,1,1,2-Tetrachloroethane	11		ug/L	10.0		105	82-126		3.87	30	
1,1,1-Trichloroethane	10		"	10.0		102	78-136		1.57	30	
1,1,2,2-Tetrachloroethane	11		"	10.0		109	76-129		3.35	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.6		"	10.0		96.4	54-165		1.15	30	
1,1,2-Trichloroethane	10		"	10.0		104	82-123		4.04	30	
1,1-Dichloroethane	11		"	10.0		112	82-129		2.43	30	
1,1-Dichloroethylene	10		"	10.0		102	68-138		2.09	30	
1,2,3-Trichlorobenzene	8.0		"	10.0		80.3	76-136		14.0	30	
1,2,3-Trichloropropane	11		"	10.0		110	77-128		2.49	30	
1,2,4-Trichlorobenzene	9.4		"	10.0		94.2	76-137		10.7	30	
1,2,4-Trimethylbenzene	12		"	10.0		118	82-132		2.75	30	
1,2-Dibromo-3-chloropropane	9.9		"	10.0		98.9	45-147		3.39	30	
1,2-Dibromoethane	10		"	10.0		103	83-124		2.84	30	
1,2-Dichlorobenzene	10		"	10.0		104	79-123		3.02	30	
1,2-Dichloroethane	0.93		"	10.0		9.30	73-132	Low Bias	164	30	Non-dir.
1,2-Dichloropropane	11		"	10.0		106	78-126		3.05	30	
1,3,5-Trimethylbenzene	12		"	10.0		119	80-131		2.12	30	
1,3-Dichlorobenzene	11		"	10.0		106	86-122		1.61	30	
1,4-Dichlorobenzene	11		"	10.0		106	85-124		2.77	30	
1,4-Dioxane	170		"	200		85.6	10-349		20.6	30	
2-Butanone	9.1		"	10.0		91.4	49-152		4.70	30	
2-Hexanone	10		"	10.0		101	51-146		5.37	30	
4-Methyl-2-pentanone	9.8		"	10.0		97.5	57-145		3.44	30	
Acetone	9.9		"	10.0		99.0	14-150		1.60	30	
Acrolein	8.9		"	10.0		89.4	10-153		3.18	30	
Acrylonitrile	9.8		"	10.0		98.2	51-150		6.98	30	
Benzene	10		"	10.0		104	85-126		1.55	30	
Bromochloromethane	11		"	10.0		105	77-128		2.41	30	
Bromodichloromethane	10		"	10.0		105	79-128		3.29	30	
Bromoform	10		"	10.0		100	78-133		3.15	30	
Bromomethane	6.8		"	10.0		68.3	43-168		22.1	30	
Carbon disulfide	10		"	10.0		99.9	68-146		1.19	30	
Carbon tetrachloride	10		"	10.0		104	77-141		2.63	30	
Chlorobenzene	10		"	10.0		104	88-120		1.66	30	
Chloroethane	10		"	10.0		103	65-136		1.86	30	
Chloroform	10		"	10.0		104	82-128		4.24	30	
Chloromethane	6.1		"	10.0		60.6	43-155		25.3	30	
cis-1,2-Dichloroethylene	10		"	10.0		103	83-129		3.65	30	
cis-1,3-Dichloropropylene	11		"	10.0		105	80-131		2.50	30	
Cyclohexane	9.8		"	10.0		98.2	63-149		3.63	30	
Dibromochloromethane	9.9		"	10.0		99.1	80-130		3.60	30	
Dibromomethane	11		"	10.0		105	72-134		2.50	30	
Dichlorodifluoromethane	10		"	10.0		100	44-144		1.19	30	
Ethyl Benzene	11		"	10.0		112	80-131		0.805	30	
Hexachlorobutadiene	8.3		"	10.0		82.7	67-146		17.9	30	
Isopropylbenzene	11		"	10.0		112	76-140		0.802	30	
Methyl acetate	8.6		"	10.0		86.0	51-139		5.99	30	
Methyl tert-butyl ether (MTBE)	9.9		"	10.0		99.3	76-135		4.95	30	
Methylcyclohexane	10		"	10.0		103	72-143		1.37	30	
Methylene chloride	9.5		"	10.0		94.9	55-137		4.09	30	
n-Butylbenzene	12		"	10.0		116	79-132		4.15	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG61162 - EPA 5030B											
LCS Dup (BG61162-BSD1)								Prepared & Analyzed: 07/26/2016			
n-Propylbenzene	11		ug/L	10.0		114	78-133		0.438	30	
o-Xylene	11		"	10.0		106	78-130		2.01	30	
p- & m- Xylenes	22		"	20.0		112	77-133		1.94	30	
p-Isopropyltoluene	12		"	10.0		116	81-136		0.953	30	
sec-Butylbenzene	11		"	10.0		109	79-137		1.48	30	
Styrene	12		"	10.0		116	67-132		2.80	30	
tert-Butyl alcohol (TBA)	9.5		"	10.0		95.2	25-162		9.46	30	
tert-Butylbenzene	11		"	10.0		111	77-138		2.09	30	
Tetrachloroethylene	11		"	10.0		107	82-131		1.23	30	
Toluene	11		"	10.0		110	80-127		1.56	30	
trans-1,2-Dichloroethylene	10		"	10.0		103	80-132		1.46	30	
trans-1,3-Dichloropropylene	10		"	10.0		103	78-131		3.17	30	
Trichloroethylene	11		"	10.0		106	82-128		0.378	30	
Trichlorofluoromethane	10		"	10.0		102	67-139		1.48	30	
Vinyl Chloride	9.3		"	10.0		93.1	58-145		8.74	30	
Surrogate: 1,2-Dichloroethane-d4	*9.91*		*"*	*10.0*		*99.1*	*69-130*				
Surrogate: Toluene-d8	*10.5*		*"*	*10.0*		*105*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.3*		*"*	*10.0*		*103*	*79-122*				
Batch BG61235 - EPA 5030B											
Blank (BG61235-BLK1)								Prepared & Analyzed: 07/27/2016			
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	80	"								
2-Butanone	0.99	2.0	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	2.0	2.0	"								
Acrolein	ND	0.50	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG61235 - EPA 5030B											
Blank (BG61235-BLK1)								Prepared & Analyzed: 07/27/2016			
Bromomethane	ND	0.50	ug/L								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	1.0	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*10.5*		*"*	*10.0*		*105*	*69-130*				
Surrogate: Toluene-d8	*10.8*		*"*	*10.0*		*108*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.7*		*"*	*10.0*		*107*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG61235 - EPA 5030B											
LCS (BG61235-BS1)							Prepared & Analyzed: 07/27/2016				
1,1,1,2-Tetrachloroethane	11		ug/L	10.0		108	82-126				
1,1,1-Trichloroethane	10		"	10.0		103	78-136				
1,1,2,2-Tetrachloroethane	11		"	10.0		113	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.4		"	10.0		94.5	54-165				
1,1,2-Trichloroethane	11		"	10.0		107	82-123				
1,1-Dichloroethane	12		"	10.0		116	82-129				
1,1-Dichloroethylene	11		"	10.0		107	68-138				
1,2,3-Trichlorobenzene	7.5		"	10.0		75.3	76-136	Low Bias			
1,2,3-Trichloropropane	11		"	10.0		113	77-128				
1,2,4-Trichlorobenzene	8.6		"	10.0		85.5	76-137				
1,2,4-Trimethylbenzene	12		"	10.0		117	82-132				
1,2-Dibromo-3-chloropropane	11		"	10.0		114	45-147				
1,2-Dibromoethane	11		"	10.0		106	83-124				
1,2-Dichlorobenzene	10		"	10.0		104	79-123				
1,2-Dichloroethane	11		"	10.0		106	73-132				
1,2-Dichloropropane	11		"	10.0		114	78-126				
1,3,5-Trimethylbenzene	12		"	10.0		118	80-131				
1,3-Dichlorobenzene	10		"	10.0		104	86-122				
1,4-Dichlorobenzene	10		"	10.0		104	85-124				
1,4-Dioxane	200		"	200		102	10-349				
2-Butanone	8.5		"	10.0		85.3	49-152				
2-Hexanone	12		"	10.0		116	51-146				
4-Methyl-2-pentanone	11		"	10.0		111	57-145				
Acetone	11		"	10.0		112	14-150				
Acrolein	7.2		"	10.0		71.9	10-153				
Acrylonitrile	9.0		"	10.0		90.3	51-150				
Benzene	11		"	10.0		106	85-126				
Bromochloromethane	12		"	10.0		116	77-128				
Bromodichloromethane	12		"	10.0		116	79-128				
Bromoform	11		"	10.0		106	78-133				
Bromomethane	7.8		"	10.0		77.7	43-168				
Carbon disulfide	11		"	10.0		107	68-146				
Carbon tetrachloride	10		"	10.0		103	77-141				
Chlorobenzene	11		"	10.0		106	88-120				
Chloroethane	15		"	10.0		148	65-136	High Bias			
Chloroform	11		"	10.0		107	82-128				
Chloromethane	2.9		"	10.0		28.6	43-155	Low Bias			
cis-1,2-Dichloroethylene	11		"	10.0		106	83-129				
cis-1,3-Dichloropropylene	11		"	10.0		109	80-131				
Cyclohexane	10		"	10.0		99.7	63-149				
Dibromochloromethane	10		"	10.0		104	80-130				
Dibromomethane	11		"	10.0		115	72-134				
Dichlorodifluoromethane	15		"	10.0		149	44-144	High Bias			
Ethyl Benzene	12		"	10.0		120	80-131				
Hexachlorobutadiene	7.6		"	10.0		75.7	67-146				
Isopropylbenzene	11		"	10.0		107	76-140				
Methyl acetate	9.6		"	10.0		96.2	51-139				
Methyl tert-butyl ether (MTBE)	9.8		"	10.0		98.1	76-135				
Methylcyclohexane	11		"	10.0		106	72-143				
Methylene chloride	11		"	10.0		111	55-137				
n-Butylbenzene	12		"	10.0		119	79-132				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG61235 - EPA 5030B											
LCS (BG61235-BS1)							Prepared & Analyzed: 07/27/2016				
n-Propylbenzene	11		ug/L	10.0		113	78-133				
o-Xylene	11		"	10.0		113	78-130				
p- & m- Xylenes	24		"	20.0		121	77-133				
p-Isopropyltoluene	11		"	10.0		114	81-136				
sec-Butylbenzene	11		"	10.0		106	79-137				
Styrene	12		"	10.0		121	67-132				
tert-Butyl alcohol (TBA)	9.8		"	10.0		97.7	25-162				
tert-Butylbenzene	10		"	10.0		104	77-138				
Tetrachloroethylene	10		"	10.0		101	82-131				
Toluene	11		"	10.0		114	80-127				
trans-1,2-Dichloroethylene	11		"	10.0		108	80-132				
trans-1,3-Dichloropropylene	11		"	10.0		111	78-131				
Trichloroethylene	11		"	10.0		109	82-128				
Trichlorofluoromethane	14		"	10.0		138	67-139				
Vinyl Chloride	7.2		"	10.0		72.4	58-145				
Surrogate: 1,2-Dichloroethane-d4	*10.5*		*"*	*10.0*		*105*	*69-130*				
Surrogate: Toluene-d8	*10.7*		*"*	*10.0*		*107*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.99*		*"*	*10.0*		*99.9*	*79-122*				
LCS Dup (BG61235-BSD1)							Prepared & Analyzed: 07/27/2016				
1,1,1,2-Tetrachloroethane	11		ug/L	10.0		110	82-126		2.20	30	
1,1,1-Trichloroethane	10		"	10.0		104	78-136		0.963	30	
1,1,2,2-Tetrachloroethane	12		"	10.0		117	76-129		3.47	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.4		"	10.0		94.3	54-165		0.212	30	
1,1,2-Trichloroethane	11		"	10.0		112	82-123		4.39	30	
1,1-Dichloroethane	12		"	10.0		119	82-129		2.21	30	
1,1-Dichloroethylene	11		"	10.0		107	68-138		0.187	30	
1,2,3-Trichlorobenzene	8.1		"	10.0		81.4	76-136		7.79	30	
1,2,3-Trichloropropane	12		"	10.0		119	77-128		4.75	30	
1,2,4-Trichlorobenzene	9.1		"	10.0		90.8	76-137		6.01	30	
1,2,4-Trimethylbenzene	12		"	10.0		122	82-132		3.60	30	
1,2-Dibromo-3-chloropropane	11		"	10.0		115	45-147		0.700	30	
1,2-Dibromoethane	11		"	10.0		110	83-124		3.24	30	
1,2-Dichlorobenzene	11		"	10.0		109	79-123		4.32	30	
1,2-Dichloroethane	11		"	10.0		110	73-132		4.16	30	
1,2-Dichloropropane	12		"	10.0		116	78-126		2.09	30	
1,3,5-Trimethylbenzene	12		"	10.0		120	80-131		0.924	30	
1,3-Dichlorobenzene	11		"	10.0		109	86-122		3.94	30	
1,4-Dichlorobenzene	11		"	10.0		107	85-124		3.14	30	
1,4-Dioxane	260		"	200		130	10-349		23.6	30	
2-Butanone	9.9		"	10.0		99.2	49-152		15.1	30	
2-Hexanone	12		"	10.0		119	51-146		2.13	30	
4-Methyl-2-pentanone	11		"	10.0		114	57-145		3.11	30	
Acetone	13		"	10.0		132	14-150		16.3	30	
Acrolein	7.4		"	10.0		74.3	10-153		3.28	30	
Acrylonitrile	11		"	10.0		114	51-150		23.0	30	
Benzene	11		"	10.0		107	85-126		0.941	30	
Bromochloromethane	12		"	10.0		116	77-128		0.258	30	
Bromodichloromethane	12		"	10.0		120	79-128		3.29	30	
Bromoform	11		"	10.0		111	78-133		4.69	30	
Bromomethane	7.2		"	10.0		71.7	43-168		8.03	30	
Carbon disulfide	11		"	10.0		107	68-146		0.187	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG61235 - EPA 5030B											
LCS Dup (BG61235-BSD1)								Prepared & Analyzed: 07/27/2016			
Carbon tetrachloride	10		ug/L	10.0		104	77-141		1.36	30	
Chlorobenzene	11		"	10.0		107	88-120		1.41	30	
Chloroethane	14		"	10.0		140	65-136	High Bias	5.91	30	
Chloroform	11		"	10.0		109	82-128		2.13	30	
Chloromethane	4.0		"	10.0		39.5	43-155	Low Bias	32.0	30	Non-dir.
cis-1,2-Dichloroethylene	11		"	10.0		109	83-129		2.70	30	
cis-1,3-Dichloropropylene	11		"	10.0		115	80-131		4.83	30	
Cyclohexane	9.9		"	10.0		99.0	63-149		0.705	30	
Dibromochloromethane	11		"	10.0		109	80-130		4.71	30	
Dibromomethane	12		"	10.0		121	72-134		5.18	30	
Dichlorodifluoromethane	15		"	10.0		153	44-144	High Bias	2.32	30	
Ethyl Benzene	12		"	10.0		121	80-131		1.25	30	
Hexachlorobutadiene	8.5		"	10.0		85.2	67-146		11.8	30	
Isopropylbenzene	11		"	10.0		111	76-140		3.76	30	
Methyl acetate	11		"	10.0		109	51-139		12.8	30	
Methyl tert-butyl ether (MTBE)	10		"	10.0		102	76-135		4.00	30	
Methylcyclohexane	11		"	10.0		107	72-143		1.32	30	
Methylene chloride	11		"	10.0		112	55-137		1.35	30	
n-Butylbenzene	12		"	10.0		124	79-132		4.36	30	
n-Propylbenzene	12		"	10.0		116	78-133		2.35	30	
o-Xylene	12		"	10.0		116	78-130		3.40	30	
p- & m- Xylenes	24		"	20.0		122	77-133		1.31	30	
p-Isopropyltoluene	12		"	10.0		118	81-136		3.44	30	
sec-Butylbenzene	11		"	10.0		110	79-137		3.44	30	
Styrene	13		"	10.0		127	67-132		4.84	30	
tert-Butyl alcohol (TBA)	10		"	10.0		100	25-162		2.53	30	
tert-Butylbenzene	11		"	10.0		108	77-138		3.95	30	
Tetrachloroethylene	10		"	10.0		105	82-131		4.18	30	
Toluene	12		"	10.0		117	80-127		2.07	30	
trans-1,2-Dichloroethylene	11		"	10.0		110	80-132		1.84	30	
trans-1,3-Dichloropropylene	11		"	10.0		114	78-131		2.68	30	
Trichloroethylene	11		"	10.0		111	82-128		1.27	30	
Trichlorofluoromethane	14		"	10.0		137	67-139		0.437	30	
Vinyl Chloride	8.5		"	10.0		85.1	58-145		16.1	30	
Surrogate: 1,2-Dichloroethane-d4	*10.5*		*"*	*10.0*		*105*	*69-130*				
Surrogate: Toluene-d8	*10.7*		*"*	*10.0*		*107*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*79-122*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG61192 - EPA 3510C											
Blank (BG61192-BLK1)								Prepared: 07/26/2016 Analyzed: 07/27/2016			
1,1'-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2,4-Trichlorobenzene	ND	5.00	"								
1,2-Dichlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"								
1,3-Dichlorobenzene	ND	5.00	"								
1,4-Dichlorobenzene	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3'-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acenaphthene	ND	0.0500	"								
Acenaphthylene	ND	0.0500	"								
Acetophenone	ND	5.00	"								
Aniline	ND	5.00	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzaldehyde	ND	5.00	"								
Benzidine	ND	20.0	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Benzoic acid	ND	50.0	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG61192 - EPA 3510C											
Blank (BG61192-BLK1)								Prepared: 07/26/2016 Analyzed: 07/27/2016			
Caprolactam	ND	5.00	ug/L								
Carbazole	ND	5.00	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachlorocyclopentadiene	ND	5.00	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Isophorone	ND	5.00	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Phenol	ND	5.00	"								
Pyrene	ND	0.0500	"								
Surrogate: 2-Fluorophenol	*28.9*		*"*	*75.2*		*38.4*	*12-64*				
Surrogate: Phenol-d5	*19.7*		*"*	*75.0*		*26.3*	*10-82*				
Surrogate: Nitrobenzene-d5	*54.8*		*"*	*50.3*		*109*	*12-96*				
Surrogate: 2-Fluorobiphenyl	*51.2*		*"*	*50.1*		*102*	*16-84*				
Surrogate: 2,4,6-Tribromophenol	*83.0*		*"*	*75.2*		*110*	*15-104*				
Surrogate: Terphenyl-d14	*45.9*		*"*	*50.0*		*91.7*	*15-106*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG61192 - EPA 3510C											
LCS (BG61192-BS1)								Prepared: 07/26/2016 Analyzed: 07/27/2016			
1,1'-Biphenyl	44.4	5.00	ug/L	50.0		88.7	21-102				
1,2,4,5-Tetrachlorobenzene	44.1	5.00	"	50.0		88.1	28-105				
1,2,4-Trichlorobenzene	41.0	5.00	"	50.0		82.0	35-91				
1,2-Dichlorobenzene	40.3	5.00	"	50.0		80.6	42-85				
1,2-Diphenylhydrazine (as Azobenzene)	44.2	5.00	"	50.0		88.4	16-137				
1,3-Dichlorobenzene	40.5	5.00	"	50.0		81.1	45-80	High Bias			
1,4-Dichlorobenzene	39.2	5.00	"	50.0		78.3	42-82				
2,3,4,6-Tetrachlorophenol	86.9	5.00	"	50.0		174	30-130	High Bias			
2,4,5-Trichlorophenol	41.0	5.00	"	50.0		81.9	36-112				
2,4,6-Trichlorophenol	44.7	5.00	"	50.0		89.3	41-107				
2,4-Dichlorophenol	42.6	5.00	"	50.0		85.1	43-92				
2,4-Dimethylphenol	38.9	5.00	"	50.0		77.7	25-92				
2,4-Dinitrophenol	50.1	5.00	"	50.0		100	10-149				
2,4-Dinitrotoluene	48.8	5.00	"	50.0		97.6	41-114				
2,6-Dinitrotoluene	47.3	5.00	"	50.0		94.7	49-106				
2-Chloronaphthalene	41.6	5.00	"	50.0		83.1	40-96				
2-Chlorophenol	32.4	5.00	"	50.0		64.9	35-84				
2-Methylnaphthalene	45.3	5.00	"	50.0		90.6	33-101				
2-Methylphenol	25.4	5.00	"	50.0		50.7	10-90				
2-Nitroaniline	45.3	5.00	"	50.0		90.5	31-122				
2-Nitrophenol	41.2	5.00	"	50.0		82.4	37-97				
3- & 4-Methylphenols	21.0	5.00	"	50.0		41.9	10-101				
3,3'-Dichlorobenzidine	47.9	5.00	"	50.0		95.9	25-155				
3-Nitroaniline	39.3	5.00	"	50.0		78.7	29-128				
4,6-Dinitro-2-methylphenol	52.4	5.00	"	50.0		105	10-135				
4-Bromophenyl phenyl ether	45.2	5.00	"	50.0		90.3	38-116				
4-Chloro-3-methylphenol	37.9	5.00	"	50.0		75.9	28-101				
4-Chloroaniline	34.4	5.00	"	50.0		68.9	10-154				
4-Chlorophenyl phenyl ether	44.4	5.00	"	50.0		88.7	34-112				
4-Nitroaniline	41.6	5.00	"	50.0		83.2	15-143				
4-Nitrophenol	17.8	5.00	"	50.0		35.6	10-112				
Acenaphthene	44.4	0.0500	"	50.0		88.8	24-114				
Acenaphthylene	42.1	0.0500	"	50.0		84.2	26-112				
Acetophenone	44.6	5.00	"	50.0		89.2	47-92				
Aniline	23.5	5.00	"	50.0		47.1	10-107				
Anthracene	47.3	0.0500	"	50.0		94.5	35-114				
Atrazine	48.6	0.500	"	50.0		97.2	43-101				
Benzaldehyde	49.8	5.00	"	50.0		99.5	17-117				
Benzo(a)anthracene	48.0	0.0500	"	50.0		95.9	38-127				
Benzo(a)pyrene	51.8	0.0500	"	50.0		104	30-146				
Benzo(b)fluoranthene	48.2	0.0500	"	50.0		96.3	36-145				
Benzo(g,h,i)perylene	56.1	0.0500	"	50.0		112	10-163				
Benzo(k)fluoranthene	48.6	0.0500	"	50.0		97.3	16-149				
Benzoic acid	ND	50.0	"	50.0			30-130	Low Bias			
Benzyl alcohol	29.5	5.00	"	50.0		59.0	18-75				
Benzyl butyl phthalate	42.7	5.00	"	50.0		85.4	28-129				
Bis(2-chloroethoxy)methane	43.1	5.00	"	50.0		86.2	27-112				
Bis(2-chloroethyl)ether	39.2	5.00	"	50.0		78.5	24-114				
Bis(2-chloroisopropyl)ether	47.5	5.00	"	50.0		94.9	21-124				
Bis(2-ethylhexyl)phthalate	43.0	0.500	"	50.0		85.9	10-171				
Caprolactam	11.1	5.00	"	50.0		22.3	10-29				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG61192 - EPA 3510C											
LCS (BG61192-BS1)								Prepared: 07/26/2016 Analyzed: 07/27/2016			
Carbazole	45.2	5.00	ug/L	50.0		90.3	49-116				
Chrysene	45.4	0.0500	"	50.0		90.7	33-120				
Dibenzo(a,h)anthracene	55.2	0.0500	"	50.0		110	10-149				
Dibenzofuran	44.8	5.00	"	50.0		89.6	42-105				
Diethyl phthalate	43.4	5.00	"	50.0		86.8	38-112				
Dimethyl phthalate	44.6	5.00	"	50.0		89.2	49-106				
Di-n-butyl phthalate	42.7	5.00	"	50.0		85.3	36-110				
Di-n-octyl phthalate	43.3	5.00	"	50.0		86.6	12-149				
Fluoranthene	47.1	0.0500	"	50.0		94.2	33-126				
Fluorene	46.0	0.0500	"	50.0		92.0	28-117				
Hexachlorobenzene	42.4	0.0200	"	50.0		84.8	27-120				
Hexachlorobutadiene	41.9	0.500	"	50.0		83.9	25-106				
Hexachlorocyclopentadiene	40.9	5.00	"	50.0		81.8	10-99				
Hexachloroethane	39.5	0.500	"	50.0		79.0	33-84				
Indeno(1,2,3-cd)pyrene	53.9	0.0500	"	50.0		108	10-150				
Isophorone	42.6	5.00	"	50.0		85.1	29-115				
Naphthalene	42.9	0.0500	"	50.0		85.9	30-99				
Nitrobenzene	39.6	0.250	"	50.0		79.1	32-113				
N-Nitrosodimethylamine	18.2	0.500	"	50.0		36.3	10-63				
N-nitroso-di-n-propylamine	43.3	5.00	"	50.0		86.7	36-118				
N-Nitrosodiphenylamine	55.6	5.00	"	50.0		111	27-145				
Pentachlorophenol	50.8	0.250	"	50.0		102	19-127				
Phenanthrene	47.9	0.0500	"	50.0		95.8	31-112				
Phenol	13.2	5.00	"	50.0		26.3	10-37				
Pyrene	47.4	0.0500	"	50.0		94.9	42-125				
Surrogate: 2-Fluorophenol	*31.7*		*"*	*75.2*		*42.1*	*12-64*				
Surrogate: Phenol-d5	*22.3*		*"*	*75.0*		*29.8*	*10-82*				
Surrogate: Nitrobenzene-d5	*57.3*		*"*	*50.3*		*114*	*12-96*				
Surrogate: 2-Fluorobiphenyl	*54.1*		*"*	*50.1*		*108*	*16-84*				
Surrogate: 2,4,6-Tribromophenol	*95.9*		*"*	*75.2*		*128*	*15-104*				
Surrogate: Terphenyl-d14	*47.0*		*"*	*50.0*		*94.1*	*15-106*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG61192 - EPA 3510C											
LCS Dup (BG61192-BSD1)								Prepared: 07/26/2016 Analyzed: 07/27/2016			
1,1'-Biphenyl	41.7	5.00	ug/L	50.0		83.4	21-102		6.16	20	
1,2,4,5-Tetrachlorobenzene	42.6	5.00	"	50.0		85.3	28-105		3.25	20	
1,2,4-Trichlorobenzene	39.6	5.00	"	50.0		79.3	35-91		3.42	20	
1,2-Dichlorobenzene	37.6	5.00	"	50.0		75.3	42-85		6.85	20	
1,2-Diphenylhydrazine (as Azobenzene)	41.5	5.00	"	50.0		83.0	16-137		6.30	20	
1,3-Dichlorobenzene	38.3	5.00	"	50.0		76.6	45-80		5.63	20	
1,4-Dichlorobenzene	36.5	5.00	"	50.0		73.0	42-82		7.11	20	
2,3,4,6-Tetrachlorophenol	79.1	5.00	"	50.0		158	30-130	High Bias	9.36	20	
2,4,5-Trichlorophenol	38.1	5.00	"	50.0		76.3	36-112		7.18	20	
2,4,6-Trichlorophenol	41.9	5.00	"	50.0		83.7	41-107		6.47	20	
2,4-Dichlorophenol	40.3	5.00	"	50.0		80.7	43-92		5.38	20	
2,4-Dimethylphenol	37.5	5.00	"	50.0		75.0	25-92		3.56	20	
2,4-Dinitrophenol	46.7	5.00	"	50.0		93.4	10-149		6.92	20	
2,4-Dinitrotoluene	43.5	5.00	"	50.0		87.1	41-114		11.5	20	
2,6-Dinitrotoluene	44.0	5.00	"	50.0		87.9	49-106		7.43	20	
2-Chloronaphthalene	39.5	5.00	"	50.0		79.1	40-96		5.03	20	
2-Chlorophenol	30.6	5.00	"	50.0		61.3	35-84		5.68	20	
2-Methylnaphthalene	43.9	5.00	"	50.0		87.7	33-101		3.21	20	
2-Methylphenol	23.1	5.00	"	50.0		46.2	10-90		9.28	20	
2-Nitroaniline	42.8	5.00	"	50.0		85.7	31-122		5.52	20	
2-Nitrophenol	38.7	5.00	"	50.0		77.5	37-97		6.18	20	
3- & 4-Methylphenols	19.4	5.00	"	50.0		38.8	10-101		7.68	20	
3,3'-Dichlorobenzidine	43.2	5.00	"	50.0		86.4	25-155		10.3	20	
3-Nitroaniline	35.5	5.00	"	50.0		71.1	29-128		10.2	20	
4,6-Dinitro-2-methylphenol	47.2	5.00	"	50.0		94.4	10-135		10.5	20	
4-Bromophenyl phenyl ether	42.5	5.00	"	50.0		85.0	38-116		6.05	20	
4-Chloro-3-methylphenol	36.0	5.00	"	50.0		72.1	28-101		5.08	20	
4-Chloroaniline	33.5	5.00	"	50.0		67.0	10-154		2.71	20	
4-Chlorophenyl phenyl ether	41.0	5.00	"	50.0		82.0	34-112		7.90	20	
4-Nitroaniline	36.6	5.00	"	50.0		73.3	15-143		12.7	20	
4-Nitrophenol	16.7	5.00	"	50.0		33.4	10-112		6.32	20	
Acenaphthene	41.2	0.0500	"	50.0		82.5	24-114		7.33	20	
Acenaphthylene	39.7	0.0500	"	50.0		79.3	26-112		5.92	20	
Acetophenone	43.0	5.00	"	50.0		85.9	47-92		3.68	20	
Aniline	24.5	5.00	"	50.0		49.0	10-107		4.08	20	
Anthracene	43.3	0.0500	"	50.0		86.7	35-114		8.68	20	
Atrazine	44.9	0.500	"	50.0		89.8	43-101		7.92	20	
Benzaldehyde	45.7	5.00	"	50.0		91.5	17-117		8.46	20	
Benzo(a)anthracene	43.7	0.0500	"	50.0		87.4	38-127		9.25	20	
Benzo(a)pyrene	47.1	0.0500	"	50.0		94.1	30-146		9.57	20	
Benzo(b)fluoranthene	44.5	0.0500	"	50.0		88.9	36-145		7.97	20	
Benzo(g,h,i)perylene	50.8	0.0500	"	50.0		102	10-163		9.86	20	
Benzo(k)fluoranthene	43.4	0.0500	"	50.0		86.9	16-149		11.3	20	
Benzoic acid	ND	50.0	"	50.0			30-130	Low Bias		20	
Benzyl alcohol	27.3	5.00	"	50.0		54.6	18-75		7.78	20	
Benzyl butyl phthalate	39.8	5.00	"	50.0		79.5	28-129		7.16	20	
Bis(2-chloroethoxy)methane	41.3	5.00	"	50.0		82.6	27-112		4.24	20	
Bis(2-chloroethyl)ether	36.9	5.00	"	50.0		73.7	24-114		6.28	20	
Bis(2-chloroisopropyl)ether	44.6	5.00	"	50.0		89.3	21-124		6.17	20	
Bis(2-ethylhexyl)phthalate	40.6	0.500	"	50.0		81.1	10-171		5.75	20	
Caprolactam	10.8	5.00	"	50.0		21.6	10-29		2.91	20	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG61192 - EPA 3510C											
LCS Dup (BG61192-BSD1)								Prepared: 07/26/2016 Analyzed: 07/27/2016			
Carbazole	42.6	5.00	ug/L	50.0		85.2	49-116		5.86	20	
Chrysene	41.4	0.0500	"	50.0		82.8	33-120		9.08	20	
Dibenzo(a,h)anthracene	49.5	0.0500	"	50.0		99.0	10-149		10.9	20	
Dibenzofuran	41.8	5.00	"	50.0		83.6	42-105		6.93	20	
Diethyl phthalate	39.7	5.00	"	50.0		79.4	38-112		8.90	20	
Dimethyl phthalate	41.0	5.00	"	50.0		82.0	49-106		8.41	20	
Di-n-butyl phthalate	39.7	5.00	"	50.0		79.5	36-110		7.11	20	
Di-n-octyl phthalate	39.6	5.00	"	50.0		79.1	12-149		9.05	20	
Fluoranthene	43.4	0.0500	"	50.0		86.9	33-126		8.11	20	
Fluorene	42.4	0.0500	"	50.0		84.7	28-117		8.26	20	
Hexachlorobenzene	38.8	0.0200	"	50.0		77.6	27-120		8.84	20	
Hexachlorobutadiene	40.7	0.500	"	50.0		81.4	25-106		2.93	20	
Hexachlorocyclopentadiene	40.9	5.00	"	50.0		81.8	10-99		0.0489	20	
Hexachloroethane	37.5	0.500	"	50.0		75.0	33-84		5.14	20	
Indeno(1,2,3-cd)pyrene	49.3	0.0500	"	50.0		98.5	10-150		8.94	20	
Isophorone	41.1	5.00	"	50.0		82.1	29-115		3.56	20	
Naphthalene	41.4	0.0500	"	50.0		82.8	30-99		3.58	20	
Nitrobenzene	38.7	0.250	"	50.0		77.4	32-113		2.17	20	
N-Nitrosodimethylamine	17.0	0.500	"	50.0		33.9	10-63		6.78	20	
N-nitroso-di-n-propylamine	40.4	5.00	"	50.0		80.8	36-118		7.00	20	
N-Nitrosodiphenylamine	57.4	5.00	"	50.0		115	27-145		3.12	20	
Pentachlorophenol	46.6	0.250	"	50.0		93.2	19-127		8.52	20	
Phenanthrene	44.6	0.0500	"	50.0		89.1	31-112		7.21	20	
Phenol	9.73	5.00	"	50.0		19.5	10-37		29.9	20	Non-dir.
Pyrene	44.0	0.0500	"	50.0		87.9	42-125		7.61	20	
Surrogate: 2-Fluorophenol	*29.1*		*"*	*75.2*		*38.7*	*12-64*				
Surrogate: Phenol-d5	*20.3*		*"*	*75.0*		*27.0*	*10-82*				
Surrogate: Nitrobenzene-d5	*55.7*		*"*	*50.3*		*111*	*12-96*				
Surrogate: 2-Fluorobiphenyl	*53.0*		*"*	*50.1*		*106*	*16-84*				
Surrogate: 2,4,6-Tribromophenol	*88.6*		*"*	*75.2*		*118*	*15-104*				
Surrogate: Terphenyl-d14	*43.9*		*"*	*50.0*		*87.7*	*15-106*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG61193 - EPA SW846-3510C Low Level											
Blank (BG61193-BLK1)								Prepared: 07/26/2016 Analyzed: 07/27/2016			
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
Chlordane, total	ND	0.0400	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Surrogate: Tetrachloro-m-xylene	*0.123*		*"*	*0.200*		*61.7*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.149*		*"*	*0.200*		*74.4*	*30-120*				
LCS (BG61193-BS1)								Prepared: 07/26/2016 Analyzed: 07/27/2016			
4,4'-DDD	0.0637	0.00400	ug/L	0.100		63.7	40-120				
4,4'-DDE	0.0579	0.00400	"	0.100		57.9	40-120				
4,4'-DDT	0.0752	0.00400	"	0.100		75.2	40-120				
Aldrin	0.0627	0.00400	"	0.100		62.7	40-120				
alpha-BHC	0.0652	0.00400	"	0.100		65.2	40-120				
alpha-Chlordane	0.0651	0.00400	"	0.100		65.1	40-120				
beta-BHC	0.0717	0.00400	"	0.100		71.7	40-120				
delta-BHC	0.0404	0.00400	"	0.100		40.4	40-120				
Dieldrin	0.0699	0.00200	"	0.100		69.9	40-120				
Endosulfan I	0.0720	0.00400	"	0.100		72.0	40-120				
Endosulfan II	0.0757	0.00400	"	0.100		75.7	40-120				
Endosulfan sulfate	0.0693	0.00400	"	0.100		69.3	40-120				
Endrin	0.0746	0.00400	"	0.100		74.6	40-120				
Endrin aldehyde	0.0641	0.0100	"	0.100		64.1	40-120				
Endrin ketone	0.0766	0.0100	"	0.100		76.6	40-120				
gamma-BHC (Lindane)	0.0678	0.00400	"	0.100		67.8	40-120				
gamma-Chlordane	0.0652	0.0100	"	0.100		65.2	40-120				
Heptachlor	0.0653	0.00400	"	0.100		65.3	40-120				
Heptachlor epoxide	0.0651	0.00400	"	0.100		65.1	40-120				
Methoxychlor	0.0717	0.00400	"	0.100		71.7	40-120				
Surrogate: Tetrachloro-m-xylene	*0.132*		*"*	*0.200*		*66.2*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.139*		*"*	*0.200*		*69.5*	*30-120*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG61193 - EPA SW846-3510C Low Level											
LCS Dup (BG61193-BSD1)								Prepared: 07/26/2016 Analyzed: 07/27/2016			
4,4'-DDD	0.0622	0.00400	ug/L	0.100		62.2	40-120		2.38	30	
4,4'-DDE	0.0565	0.00400	"	0.100		56.5	40-120		2.50	30	
4,4'-DDT	0.0735	0.00400	"	0.100		73.5	40-120		2.31	30	
Aldrin	0.0621	0.00400	"	0.100		62.1	40-120		0.899	30	
alpha-BHC	0.0663	0.00400	"	0.100		66.3	40-120		1.67	30	
alpha-Chlordane	0.0632	0.00400	"	0.100		63.2	40-120		2.89	30	
beta-BHC	0.0720	0.00400	"	0.100		72.0	40-120		0.518	30	
delta-BHC	0.0417	0.00400	"	0.100		41.7	40-120		3.12	30	
Dieldrin	0.0677	0.00200	"	0.100		67.7	40-120		3.22	30	
Endosulfan I	0.0699	0.00400	"	0.100		69.9	40-120		2.88	30	
Endosulfan II	0.0737	0.00400	"	0.100		73.7	40-120		2.70	30	
Endosulfan sulfate	0.0676	0.00400	"	0.100		67.6	40-120		2.58	30	
Endrin	0.0720	0.00400	"	0.100		72.0	40-120		3.47	30	
Endrin aldehyde	0.0641	0.0100	"	0.100		64.1	40-120		0.0468	30	
Endrin ketone	0.0756	0.0100	"	0.100		75.6	40-120		1.25	30	
gamma-BHC (Lindane)	0.0682	0.00400	"	0.100		68.2	40-120		0.612	30	
gamma-Chlordane	0.0634	0.0100	"	0.100		63.4	40-120		2.79	30	
Heptachlor	0.0650	0.00400	"	0.100		65.0	40-120		0.362	30	
Heptachlor epoxide	0.0637	0.00400	"	0.100		63.7	40-120		2.13	30	
Methoxychlor	0.0707	0.00400	"	0.100		70.7	40-120		1.41	30	
Surrogate: Tetrachloro-m-xylene	*0.135*		*"*	*0.200*		*67.7*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.141*		*"*	*0.200*		*70.3*	*30-120*				
Batch Y6G2813 - BG60996											
Performance Mix (Y6G2813-PEM1)								Prepared & Analyzed: 07/27/2016			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.638		"	0.00			0-200				
4,4'-DDT	153		"	200		76.3	0-200				
Endrin	98.9		"	100		98.9	0-200				
Endrin aldehyde	0.663		"	0.00			0-200				
Endrin ketone	3.19		"	0.00			0-200				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch Y6G2813 - BG60996											
Performance Mix (Y6G2813-PEM2)							Prepared & Analyzed: 07/27/2016				
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.977		"	0.00			0-200				
4,4'-DDT	193		"	200		96.4	0-200				
Endrin	123		"	100		123	0-200				
Endrin aldehyde	1.26		"	0.00			0-200				
Endrin ketone	4.75		"	0.00			0-200				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG61193 - EPA SW846-3510C Low Level											
Blank (BG61193-BLK2)								Prepared: 07/26/2016 Analyzed: 07/27/2016			
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.153*		*"*	*0.200*		*76.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.141*		*"*	*0.200*		*70.5*	*30-120*				
LCS (BG61193-BS2)								Prepared: 07/26/2016 Analyzed: 07/27/2016			
Aroclor 1016	0.987	0.0500	ug/L	1.00		98.7	40-120				
Aroclor 1260	0.934	0.0500	"	1.00		93.4	40-120				
Surrogate: Tetrachloro-m-xylene	*0.149*		*"*	*0.200*		*74.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.172*		*"*	*0.200*		*86.0*	*30-120*				
LCS Dup (BG61193-BSD2)								Prepared: 07/26/2016 Analyzed: 07/27/2016			
Aroclor 1016	0.940	0.0500	ug/L	1.00		94.0	40-120		4.82	30	
Aroclor 1260	0.909	0.0500	"	1.00		90.9	40-120		2.73	30	
Surrogate: Tetrachloro-m-xylene	*0.149*		*"*	*0.200*		*74.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.164*		*"*	*0.200*		*82.0*	*30-120*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG61006 - EPA 3015A											
Blank (BG61006-BLK1)								Prepared & Analyzed: 07/22/2016			
Aluminum - Dissolved	ND	0.050	mg/L								
Antimony - Dissolved	ND	0.005	"								
Arsenic - Dissolved	ND	0.004	"								
Barium - Dissolved	ND	0.010	"								
Beryllium - Dissolved	ND	0.001	"								
Cadmium - Dissolved	ND	0.003	"								
Calcium - Dissolved	ND	0.050	"								
Chromium - Dissolved	ND	0.005	"								
Cobalt - Dissolved	ND	0.005	"								
Copper - Dissolved	ND	0.003	"								
Iron - Dissolved	ND	0.020	"								
Lead - Dissolved	ND	0.003	"								
Magnesium - Dissolved	ND	0.050	"								
Manganese - Dissolved	ND	0.005	"								
Nickel - Dissolved	ND	0.005	"								
Potassium - Dissolved	ND	0.050	"								
Selenium - Dissolved	ND	0.010	"								
Silver - Dissolved	ND	0.005	"								
Sodium - Dissolved	ND	0.100	"								
Thallium - Dissolved	ND	0.005	"								
Vanadium - Dissolved	ND	0.010	"								
Zinc - Dissolved	ND	0.010	"								
Reference (BG61006-SRM1)								Prepared & Analyzed: 07/22/2016			
Aluminum - Dissolved	0.539		ug/mL	0.480		112	79.1-121.5				
Antimony - Dissolved	0.365		"	0.360		101	79.1-117.5				
Arsenic - Dissolved	0.718		"	0.720		99.7	84.5-114.1				
Barium - Dissolved	0.406		"	0.400		101	85-115				
Beryllium - Dissolved	0.154		"	0.160		96.2	85-115				
Cadmium - Dissolved	0.424		"	0.440		96.4	85-115				
Calcium - Dissolved	108		"	107		101	86-114				
Chromium - Dissolved	0.218		"	0.220		99.3	85-115				
Cobalt - Dissolved	0.552		"	0.540		102	85-115				
Copper - Dissolved	0.859		"	0.760		113	85-115				
Iron - Dissolved	0.931		"	0.900		103	85-115				
Lead - Dissolved	0.820		"	0.840		97.7	85-115				
Magnesium - Dissolved	17.9		"	17.9		100	86-114				
Manganese - Dissolved	1.19		"	1.20		98.8	85-115				
Nickel - Dissolved	0.601		"	0.600		100	87.5-113.3				
Potassium - Dissolved	29.1		"	29.1		100	84.9-115				
Selenium - Dissolved	0.711		"	0.720		98.8	85-115				
Silver - Dissolved	0.769		"	0.829		92.7	85-114.9				
Sodium - Dissolved	101		"	99.8		101	85-115				
Thallium - Dissolved	0.662		"	0.679		97.5	82.9-115.4				
Vanadium - Dissolved	0.212		"	0.220		96.5	85-115				
Zinc - Dissolved	0.577		"	0.580		99.4	85-115				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG61070 - EPA 3015A											
Blank (BG61070-BLK1)								Prepared & Analyzed: 07/25/2016			
Aluminum	ND	0.050	mg/L								
Antimony	ND	0.005	"								
Arsenic	ND	0.004	"								
Barium	ND	0.010	"								
Beryllium	ND	0.001	"								
Cadmium	ND	0.003	"								
Calcium	ND	0.050	"								
Chromium	ND	0.005	"								
Cobalt	ND	0.005	"								
Copper	ND	0.003	"								
Iron	ND	0.020	"								
Lead	ND	0.003	"								
Magnesium	ND	0.050	"								
Manganese	ND	0.005	"								
Nickel	ND	0.005	"								
Potassium	ND	0.050	"								
Selenium	ND	0.010	"								
Silver	ND	0.005	"								
Sodium	ND	0.100	"								
Thallium	ND	0.005	"								
Vanadium	ND	0.010	"								
Zinc	ND	0.010	"								
Duplicate (BG61070-DUP1)	*Source sample: 16G0791-01 (GW-1)							Prepared & Analyzed: 07/25/2016			
Aluminum	49.0	0.056	mg/L		50.3				2.63	20	
Antimony	ND	0.006	"		ND					20	
Arsenic	ND	0.004	"		ND					20	
Barium	0.771	0.011	"		0.827				6.98	20	
Beryllium	0.004	0.001	"		0.004				3.17	20	
Cadmium	ND	0.003	"		ND					20	
Calcium	76.5	0.056	"		79.0				3.24	20	
Chromium	0.183	0.006	"		0.197				7.24	20	
Cobalt	0.063	0.006	"		0.067				5.89	20	
Copper	0.246	0.003	"		0.274				11.0	20	
Iron	135	0.022	"		138				2.44	20	
Lead	0.061	0.003	"		0.067				9.04	20	
Magnesium	25.2	0.056	"		25.9				2.59	20	
Manganese	10.9	0.006	"		11.6				6.11	20	
Nickel	0.269	0.006	"		0.286				5.91	20	
Potassium	22.0	0.056	"		22.5				2.22	20	
Selenium	0.027	0.011	"		0.030				11.8	20	
Silver	ND	0.006	"		ND					20	
Sodium	39.4	0.111	"		40.6				2.95	20	
Thallium	ND	0.006	"		ND					20	
Vanadium	0.143	0.011	"		0.154				7.80	20	
Zinc	0.551	0.011	"		0.595				7.73	20	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG61070 - EPA 3015A											
Matrix Spike (BG61070-MS1)	*Source sample: 16G0791-01 (GW-1)						Prepared & Analyzed: 07/25/2016				
Antimony	0.286	0.006	mg/L	0.278	ND	103	75-125				
Arsenic	2.49	0.004	"	2.22	ND	112	75-125				
Barium	3.25	0.011	"	2.22	0.827	109	75-125				
Beryllium	0.065	0.001	"	0.0556	0.004	110	75-125				
Cadmium	0.059	0.003	"	0.0556	ND	106	75-125				
Chromium	0.418	0.006	"	0.222	0.197	99.4	75-125				
Cobalt	0.699	0.006	"	0.556	0.067	114	75-125				
Copper	0.576	0.003	"	0.278	0.274	109	75-125				
Iron	132	0.022	"	1.11	138	NR	75-125	Low Bias			
Lead	0.646	0.003	"	0.556	0.067	104	75-125				
Manganese	11.1	0.006	"	0.556	11.6	NR	75-125	Low Bias			
Nickel	0.895	0.006	"	0.556	0.286	110	75-125				
Selenium	2.69	0.011	"	2.22	0.030	120	75-125				
Silver	0.044	0.006	"	0.0556	ND	78.5	75-125				
Thallium	2.36	0.006	"	2.22	ND	106	75-125				
Vanadium	0.746	0.011	"	0.556	0.154	106	75-125				
Zinc	1.13	0.011	"	0.556	0.595	95.7	75-125				
Reference (BG61070-SRM1)							Prepared & Analyzed: 07/25/2016				
Aluminum	0.540		ug/mL	0.480		113	79.1-121.5				
Antimony	0.375		"	0.360		104	79.1-117.5				
Arsenic	0.739		"	0.720		103	84.5-114.1				
Barium	0.409		"	0.400		102	85-115				
Beryllium	0.158		"	0.160		98.9	85-115				
Cadmium	0.429		"	0.440		97.5	85-115				
Calcium	116		"	107		108	86-114				
Chromium	0.224		"	0.220		102	85-115				
Cobalt	0.550		"	0.540		102	85-115				
Copper	0.824		"	0.760		108	85-115				
Iron	0.927		"	0.900		103	85-115				
Lead	0.849		"	0.840		101	85-115				
Magnesium	18.5		"	17.9		103	86-114				
Manganese	1.24		"	1.20		103	85-115				
Nickel	0.624		"	0.600		104	87.5-113.3				
Potassium	30.2		"	29.1		104	84.9-115				
Selenium	0.731		"	0.720		101	85-115				
Silver	0.813		"	0.829		98.0	85-114.9				
Sodium	105		"	99.8		105	85-115				
Thallium	0.669		"	0.679		98.5	82.9-115.4				
Vanadium	0.218		"	0.220		98.9	85-115				
Zinc	0.589		"	0.580		102	85-115				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG60974 - EPA 7473 water											
Blank (BG60974-BLK1)								Prepared & Analyzed: 07/22/2016			
Mercury - Dissolved	ND	0.00020	mg/L								
Mercury	ND	0.00020	"								
Duplicate (BG60974-DUP1)	*Source sample: 16G0791-01 (GW-1)							Prepared & Analyzed: 07/22/2016			
Mercury	ND	0.00020	mg/L		ND					20	
Mercury - Dissolved	ND	0.00020	"		ND					20	
Matrix Spike (BG60974-MS1)	*Source sample: 16G0791-01 (GW-1)							Prepared & Analyzed: 07/22/2016			
Mercury - Dissolved	0.00151		mg/L	0.00200	ND	75.6	75-125				
Mercury	0.00164		mg/kg	0.00200	ND	81.9	75-125				
Reference (BG60974-SRM1)								Prepared & Analyzed: 07/22/2016			
Mercury	0.00228		mg/kg	0.00230		99.0	61.3-135				
Mercury - Dissolved	0.0022771		mg/L	0.00230		99.0	61.3-135				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG60942 - Analysis Preparation											
Blank (BG60942-BLK1)								Prepared & Analyzed: 07/21/2016			
Chromium, Hexavalent	ND	0.0100	mg/L								
LCS (BG60942-BS1)								Prepared & Analyzed: 07/21/2016			
Chromium, Hexavalent	0.497	0.0100	mg/L	0.500		99.4	80-120				
Duplicate (BG60942-DUP1)	*Source sample: 16G0791-01 (GW-1)							Prepared & Analyzed: 07/21/2016			
Chromium, Hexavalent	ND	0.0100	mg/L		ND					20	
Matrix Spike (BG60942-MS1)	*Source sample: 16G0791-01 (GW-1)							Prepared & Analyzed: 07/21/2016			
Chromium, Hexavalent	0.562	0.0100	mg/L	0.500	ND	112	75-125				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
16G0791-01	GW-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

S-09	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect confirmed by re-extraction and re-analysis of the sample.
QR-04	The RPD exceeded control limits for the LCS/LCSD QC.
QM-02	The RPD and/or percent recovery for this QC spike sample cannot be accurately calculated due to the high concentration of analyte inherent in the sample.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-LSRD	Original sample conc <50 X reporting limit.
M-HCSpk	Sample conc. >10 X spike conc.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
HT-01	This result was reported from an analysis conducted outside of the EPA recommended holding time.
GC-Surr	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the alternate surrogate.
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
EXT-D	The sample submitted contained sediment. The aqueous portion was decanted off, the volume measured and used for the extraction. The sediment was not included in the extraction.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

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*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two.
For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

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.

Revision Description: This report has been revised to report data in a QA/QC format.

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. 16G0791

YOUR Information

Company: ATHENICA ENV SRV
Address: 45-09 GREENPOINT AVE
LONG ISLAND CITY, NY-11104
Phone No.
Contact Person: CURTIS BREUER
E-Mail Address: CBREUER@ATHENICA.COM

Report To:

Company:
Address: SAME
Phone No.
Attention:
E-Mail Address:

Invoice To:

Company:
Address:
Phone No.
Attention: JOSIANE CHARLES
E-Mail Address: JCHARLES@ATHENICA.COM

YOUR Project ID

16-133-0553
710 GRAND ST.

Purchase Order No.

Samples from: CT___ NY X NJ___

Turn-Around Time

- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) ☒

Report Type

- Summary Report
- Summary w/ QA Summary
- CT RCP Package
- CTRCP DQA/DUE Pkg
- NY ASP A Package
- NY ASP B Package
- NJDEP Red. Deliv.

Electronic Data Deliverables (EDD)

- Simple Excel ✓
- NYSDEC EQuIS
- EQuIS (std)
- EZ-EDD (EQuIS)
- NJDEP SRP HazSite EDD
- GIS/KEY (std)
- Other
- **York Regulatory Comparison Excel Spreadsheet**

Compare to the following Regs. (please fill in): TOGS

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Curtis Breuer
Name (printed)

Matrix Codes

- S - soil
- Other - specify(oil, etc.)
- WW - wastewater
- GW - groundwater
- DW - drinking water
- Air-A - ambient air
- Air-SV - soil vapor

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

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
GW-1	7/20/2016	GW	8260, 8270, 8081 / 8082, TAL METALS + CHROMIUMS (FILTERED + UNFILTERED)	3x1L, 2x300mL, 3x40mL

Comments
"E" DESIGNATION

Preservation Check those Applicable: 4°C___ Frozen___ HCl___ MeOH___ HNO_3___ H_2SO_4___ NaOH___ ZnAc___ Ascorbic Acid___ Other___

Special Instructions
Field Filtered ☐
Lab to Filter ☒

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
Athenica Cooler	7-21-16 8:10 PM	KBach	7-21-16 8:10 AM
		TC Yahl	7/21/16 1927
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time

Temperature on Receipt 3.9 °C