



## BROWNFIELD CLEANUP PROGRAM (BCP) APPLICATION FORM

DEC requires an application to request major changes to the description of the property set forth in a Brownfield Cleanup Agreement, or "BCA" (e.g., adding a significant amount of new property, or adding property that could affect an eligibility determination due to contamination levels or intended land use). Such application must be submitted and processed in the same manner as the original application, including the required public comment period. **Is this an application to amend an existing BCA?**

☐

Yes

☐

No

If yes, provide existing site number: \_\_\_\_\_

### PART A (note: application is separated into Parts A and B for DEC review purposes) **BCP App Rev 9**

#### Section I. Requestor Information - See Instructions for Further Guidance

DEC USE ONLY  
BCP SITE #: \_\_\_\_\_

NAME **Lewis & Murphy Realty, Inc.**

ADDRESS **47 Hillside Avenue**

CITY/TOWN **Manhasset**

ZIP CODE **11030**

PHONE **5166279600**

FAX **5166279616**

E-MAIL **dmacari@lewismurphyrealty.com**

Is the requestor authorized to conduct business in New York State (NYS)?

☒

Yes

☐

No

- If the requestor is a Corporation, LLC, LLP or other entity requiring authorization from the NYS Department of State to conduct business in NYS, the requestor's name must appear, exactly as given above, in the [NYS Department of State's Corporation & Business Entity Database](#). A print-out of entity information from the database must be submitted to the New York State Department of Environmental Conservation (DEC) with the application, to document that the requestor is authorized to do business in NYS.

Do all individuals that will be certifying documents meet the requirements detailed below? ☒ Yes ☐ No

- Individuals that will be certifying BCP documents, as well as their employers, meet the requirements of Section 1.5 of [DER-10: Technical Guidance for Site Investigation and Remediation](#) and Article 145 of New York State Education Law. **Documents that are not properly certified will be not approved under the BCP.**

#### Section II. Project Description

1. What stage is the project starting at?

☒

Investigation

☐

Remediation

2. If the project is starting at the remediation stage, a Remedial Investigation Report (RIR), Alternatives Analysis, and Remedial Work Plan must be attached (see [DER-10 / Technical Guidance for Site Investigation and Remediation](#) for further guidance).

3. If a final RIR is included, please verify it meets the requirements of Environmental Conservation Law (ECL) Article 27-1415(2): ☐ Yes ☒ No

4. Please attach a short description of the overall development project, including:

- the date that the remedial program is to start; and
- the date the Certificate of Completion is anticipated.

### Section III. Property's Environmental History

All applications **must include** an Investigation Report (per ECL 27-1407(1)). The report must be sufficient to establish contamination of environmental media on the site above applicable Standards, Criteria and Guidance (SCGs) based on the reasonably anticipated use of the property.

To the extent that existing information/studies/reports are available to the requestor, please attach the following (**please submit the information requested in this section in electronic format only**):

1. **Reports:** an example of an Investigation Report is a Phase II Environmental Site Assessment report prepared in accordance with the latest American Society for Testing and Materials standard (ASTM E1903).

2. **SAMPLING DATA: INDICATE KNOWN CONTAMINANTS AND THE MEDIA WHICH ARE KNOWN TO HAVE BEEN AFFECTED. LABORATORY REPORTS SHOULD BE REFERENCED AND COPIES INCLUDED.**

Contaminant Category	Soil	Groundwater	Soil Gas
Petroleum			
Chlorinated Solvents	1,200 mg/kg*	Not sampled	990,000 µg/m <sup>3</sup> *
Other VOCs			
SVOCs			
Metals			
Pesticides			
PCBs			
Other*			

\*Please describe: Maxima of PCE, TCE and Cis-DCE one half to one order of magnitude lower in soil gas. Maximum of TCE in soil was 64mg/kg; no Cis-DCE detected in soil.

3. **FOR EACH IMPACTED MEDIUM INDICATED ABOVE, INCLUDE A SITE DRAWING INDICATING:**

- **SAMPLE LOCATION**
- **DATE OF SAMPLING EVENT**
- **KEY CONTAMINANTS AND CONCENTRATION DETECTED**
- **FOR SOIL, HIGHLIGHT IF ABOVE REASONABLY ANTICIPATED USE**
- **FOR GROUNDWATER, HIGHLIGHT EXCEEDANCES OF 6NYCRR PART 703.5**
- **FOR SOIL GAS/ SOIL VAPOR/ INDOOR AIR, HIGHLIGHT IF ABOVE MITIGATE LEVELS ON THE NEW YORK STATE DEPARTMENT OF HEALTH MATRIX**

THESE DRAWINGS ARE TO BE REPRESENTATIVE OF ALL DATA BEING RELIED UPON TO MAKE THE CASE THAT THE SITE IS IN NEED OF REMEDIATION UNDER THE BCP. DRAWINGS SHOULD NOT BE BIGGER THAN 11" X 17". THESE DRAWINGS SHOULD BE PREPARED IN ACCORDANCE WITH ANY GUIDANCE PROVIDED.

ARE THE REQUIRED MAPS INCLUDED WITH THE APPLICATION?\*

(\*answering No will result in an incomplete application)

☐ Yes ☐ No

4. **INDICATE PAST LAND USES (CHECK ALL THAT APPLY):**

- |   |  |   |   |
|---|--|---|---|
| <input type="checkbox"/> Coal Gas Manufacturing | <input type="checkbox"/> Manufacturing | <input type="checkbox"/> Agricultural Co-op | <input checked="" type="checkbox"/> Dry Cleaner |
| <input type="checkbox"/> Salvage Yard           | <input type="checkbox"/> Bulk Plant    | <input type="checkbox"/> Pipeline           | <input type="checkbox"/> Service Station        |
| <input type="checkbox"/> Landfill               | <input type="checkbox"/> Tannery       | <input type="checkbox"/> Electroplating     | <input type="checkbox"/> Unknown                |

Other: Non-industrial commercial stores (e.g. retail, restaurants)

Section IV. Property Information - See Instructions for Further Guidance				
PROPOSED SITE NAME <b>Kew Gardens Main Street</b>				
ADDRESS/LOCATION <b>68-14 to 68-50 Main Street</b>				
CITY/TOWN <b>Kew Gardens</b>		ZIP CODE <b>11367</b>		
MUNICIPALITY(IF MORE THAN ONE, LIST ALL): <b>Queens, Kew Gardens</b>				
COUNTY <b>Queens</b>		SITE SIZE (ACRES) <b>0.97</b>		
LATITUDE (degrees/minutes/seconds) <b>40 ° 43 ' 56.7 "</b>		LONGITUDE (degrees/minutes/seconds) <b>-73 ° 49 ' 30.9 "</b>		
COMPLETE TAX MAP INFORMATION FOR ALL TAX PARCELS INCLUDED WITHIN THE PROPERTY BOUNDARIES. ATTACH REQUIRED MAPS PER THE APPLICATION INSTRUCTIONS.				
Parcel Address		Section No.	Block No.	Lot No.
<b>68-14 to 68-50 Main Street</b>			<b>6486</b>	<b>39</b>
1. Do the proposed site boundaries correspond to tax map metes and bounds? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If no, please attach a metes and bounds description of the property.				
2. Is the required property map attached to the application? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (application will not be processed without map)				
3. Is the property within a designated Environmental Zone (En-zone) pursuant to Tax Law 21(b)(6)? (See <a href="#">DEC's website</a> for more information) Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If yes, identify census tract : _____ Percentage of property in En-zone (check one): <input type="checkbox"/> 0-49% <input type="checkbox"/> 50-99% <input type="checkbox"/> 100%				
4. Is this application one of multiple applications for a large development project, where the development project spans more than 25 acres (see additional criteria in BCP application instructions)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, identify name of properties (and site numbers if available) in related BCP applications: _____				
5. Is the contamination from groundwater or soil vapor solely emanating from property other than the site subject to the present application? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
6. Has the property previously been remediated pursuant to Titles 9, 13, or 14 of ECL Article 27, Title 5 of ECL Article 56, or Article 12 of Navigation Law? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, attach relevant supporting documentation.				
7. Are there any lands under water? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, these lands should be clearly delineated on the site map.				

#### Section IV. Property Information (continued)

8. Are there any easements or existing rights of way that would preclude remediation in these areas?  
If yes, identify here and attach appropriate information. ☐ Yes ☒ No

Easement/Right-of-way Holder

Description

9. List of Permits issued by the DEC or USEPA Relating to the Proposed Site (type here or attach information)

Type

Issuing Agency

Description

10. Property Description and Environmental Assessment – **please refer to application instructions for the proper format of each narrative requested.**

Are the Property Description and Environmental Assessment narratives included in the **prescribed format**?

☒ Yes ☐ No

11. For sites located within the five counties comprising New York City, is the requestor seeking a determination that the site is eligible for tangible property tax credits?  
If yes, requestor must answer questions on the supplement at the end of this form. ☐ Yes ☒ No

12. Is the Requestor now, or will the Requestor in the future, seek a determination that the property is Upside Down? ☐ Yes ☒ No

13. If you have answered Yes to Question 12, above, is an independent appraisal of the value of the property, as of the date of application, prepared under the hypothetical condition that the property is not contaminated, included with the application? ☐ Yes ☒ No

**NOTE:** If a tangible property tax credit determination is not being requested in the application to participate in the BCP, the applicant may seek this determination at any time before issuance of a certificate of completion by using the BCP Amendment Application, except for sites seeking eligibility under the underutilized category.

If any changes to Section IV are required prior to application approval, a new page, initialed by each requestor, must be submitted.

Initials of each Requestor: DM \_\_\_\_\_



**BCP application - PART B (note: application is separated into Parts A and B for DEC review purposes)**

<b>Section V. Additional Requestor Information</b> <b>See Instructions for Further Guidance</b>		DEC USE ONLY BCP SITE NAME: _____ BCP SITE #: _____	
NAME OF REQUESTOR'S AUTHORIZED REPRESENTATIVE Diane Macari of Lewis & Murphy Realty, Inc.			
ADDRESS 47 Hillside Avenue			
CITY/TOWN Manhasset		ZIP CODE 11030	
PHONE 5166279600	FAX 5166279616	E-MAIL dmacari@lewismurphyrealty.com	
NAME OF REQUESTOR'S CONSULTANT Advanced Cleanup Technologies, Inc.			
ADDRESS 110 Main Street, Suite 103			
CITY/TOWN Port Washington		ZIP CODE 11050	
PHONE (516) 441-5800	FAX (516) 441-5511	E-MAIL DanielS@act.earth	
NAME OF REQUESTOR'S ATTORNEY			
ADDRESS			
CITY/TOWN		ZIP CODE	
PHONE	FAX	E-MAIL	
<b>Section VI. Current Property Owner/Operator Information – if not a Requestor</b>			
CURRENT OWNER'S NAME See Appendix A		OWNERSHIP START DATE:	
ADDRESS			
CITY/TOWN		ZIP CODE	
PHONE	FAX	E-MAIL	
CURRENT OPERATOR'S NAME			
ADDRESS			
CITY/TOWN		ZIP CODE	
PHONE	FAX	E-MAIL	
<b>IF REQUESTOR IS NOT THE CURRENT OWNER, DESCRIBE REQUESTOR'S RELATIONSHIP TO THE CURRENT OWNER, INCLUDING ANY RELATIONSHIP BETWEEN REQUESTOR'S CORPORATE MEMBERS AND THE CURRENT OWNER.</b> <b>PROVIDE A LIST OF PREVIOUS PROPERTY OWNERS AND OPERATORS WITH NAMES, LAST KNOWN ADDRESSES AND TELEPHONE NUMBERS AS AN ATTACHMENT. DESCRIBE REQUESTOR'S RELATIONSHIP, TO EACH PREVIOUS OWNER AND OPERATOR, INCLUDING ANY RELATIONSHIP BETWEEN REQUESTOR'S CORPORATE MEMBERS AND PREVIOUS OWNER AND OPERATOR. IF NO RELATIONSHIP, PUT "NONE".</b>			
<b>Section VII. Requestor Eligibility Information (Please refer to ECL § 27-1407)</b>			
If answering "yes" to any of the following questions, please provide an explanation as an attachment.			
1. Are any enforcement actions pending against the requestor regarding this site?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
2. Is the requestor subject to an existing order for the investigation, removal or remediation of contamination at the site?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Is the requestor subject to an outstanding claim by the Spill Fund for this site? Any questions regarding whether a party is subject to a spill claim should be discussed with the Spill Fund Administrator.		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

## Section VII. Requestor Eligibility Information (continued)

4. Has the requestor been determined in an administrative, civil or criminal proceeding to be in violation of i) any provision of the ECL Article 27; ii) any order or determination; iii) any regulation implementing Title 14; or iv) any similar statute, regulation of the state or federal government? If so, provide an explanation on a separate attachment. ☐ Yes ☒ No
5. Has the requestor previously been denied entry to the BCP? If so, include information relative to the application, such as name, address, DEC assigned site number, the reason for denial, and other relevant information. ☐ Yes ☒ No
6. Has the requestor been found in a civil proceeding to have committed a negligent or intentionally tortious act involving the handling, storing, treating, disposing or transporting of contaminants? ☐ Yes ☒ No
7. Has the requestor been convicted of a criminal offense i) involving the handling, storing, treating, disposing or transporting of contaminants; or ii) that involves a violent felony, fraud, bribery, perjury, theft, or offense against public administration (as that term is used in Article 195 of the Penal Law) under federal law or the laws of any state? ☐ Yes ☒ No
8. Has the requestor knowingly falsified statements or concealed material facts in any matter within the jurisdiction of DEC, or submitted a false statement or made use of or made a false statement in connection with any document or application submitted to DEC? ☐ Yes ☒ No
9. Is the requestor an individual or entity of the type set forth in ECL 27-1407.9 (f) that committed an act or failed to act, and such act or failure to act could be the basis for denial of a BCP application? ☐ Yes ☒ No
10. Was the requestor's participation in any remedial program under DEC's oversight terminated by DEC or by a court for failure to substantially comply with an agreement or order? ☐ Yes ☒ No
11. Are there any unregistered bulk storage tanks on-site which require registration? ☐ Yes ☒ No

THE REQUESTOR MUST CERTIFY THAT HE/SHE IS EITHER A PARTICIPANT OR VOLUNTEER IN ACCORDANCE WITH ECL 27-1405 (1) BY CHECKING ONE OF THE BOXES BELOW:

☒ **PARTICIPANT**

A requestor who either 1) was the owner of the site at the time of the disposal of hazardous waste or discharge of petroleum or 2) is otherwise a person responsible for the contamination, unless the liability arises solely as a result of ownership, operation of, or involvement with the site subsequent to the disposal of hazardous waste or discharge of petroleum.

☐ **VOLUNTEER**

A requestor other than a participant, including a requestor whose liability arises solely as a result of ownership, operation of or involvement with the site subsequent to the disposal of hazardous waste or discharge of petroleum.

NOTE: By checking this box, a requestor whose liability arises solely as a result of ownership, operation of or involvement with the site certifies that he/she has exercised appropriate care with respect to the hazardous waste found at the facility by taking reasonable steps to: i) stop any continuing discharge; ii) prevent any threatened future release; iii) prevent or limit human, environmental, or natural resource exposure to any previously released hazardous waste.

**If a requestor whose liability arises solely as a result of ownership, operation of or involvement with the site, submit a statement describing why you should be considered a volunteer – be specific as to the appropriate care taken.**

## Section VII. Requestor Eligibility Information (continued)

Requestor Relationship to Property (check one):

☐ Previous Owner ☐ Current Owner ☐ Potential /Future Purchaser ☒ Other Managing Agent

If requestor is not the current site owner, **proof of site access sufficient to complete the remediation must be submitted**. Proof must show that the requestor will have access to the property before signing the BCA and throughout the BCP project, including the ability to place an easement on the site. Is this proof attached?

☒ Yes ☐ No

**Note: a purchase contract does not suffice as proof of access.**

## Section VIII. Property Eligibility Information - See Instructions for Further Guidance

1. Is / was the property, or any portion of the property, listed on the National Priorities List?  
If yes, please provide relevant information as an attachment. ☐ Yes ☒ No
2. Is / was the property, or any portion of the property, listed on the NYS Registry of Inactive Hazardous Waste Disposal Sites pursuant to ECL 27-1305? ☐ Yes ☒ No  
If yes, please provide: Site # \_\_\_\_\_ Class # \_\_\_\_\_
3. Is / was the property subject to a permit under ECL Article 27, Title 9, other than an Interim Status facility? ☐ Yes ☒ No  
If yes, please provide: Permit type: \_\_\_\_\_ EPA ID Number: \_\_\_\_\_  
Date permit issued: \_\_\_\_\_ Permit expiration date: \_\_\_\_\_
4. If the answer to question 2 or 3 above is yes, is the site owned by a volunteer as defined under ECL 27-1405(1)(b), or under contract to be transferred to a volunteer? Attach any information available to the requestor related to previous owners or operators of the facility or property and their financial viability, including any bankruptcy filing and corporate dissolution documentation. ☐ Yes ☐ No
5. Is the property subject to a cleanup order under Navigation Law Article 12 or ECL Article 17 Title 10? ☐ Yes ☒ No  
If yes, please provide: Order # \_\_\_\_\_
6. Is the property subject to a state or federal enforcement action related to hazardous waste or petroleum? ☐ Yes ☒ No  
If yes, please provide explanation as an attachment.

## Section IX. Contact List Information

To be considered complete, the application must include the Brownfield Site Contact List in accordance with [DER-23 / Citizen Participation Handbook for Remedial Programs](#). Please attach, at a minimum, the names and addresses of the following:

1. The chief executive officer and planning board chairperson of each county, city, town and village in which the property is located.
2. Residents, owners, and occupants of the property and properties adjacent to the property.
3. Local news media from which the community typically obtains information.
4. The public water supplier which services the area in which the property is located.
5. Any person who has requested to be placed on the contact list.
6. The administrator of any school or day care facility located on or near the property.
7. The location of a document repository for the project (e.g., local library). In addition, attach a copy of an acknowledgement from the repository indicating that it agrees to act as the document repository for the property.
8. Any community board located in a city with a population of one million or more, if the proposed site is located within such community board's boundaries.

## Section X. Land Use Factors

1. What is the current zoning for the site? What uses are allowed by the current zoning?

☐ Residential ☒ Commercial ☐ Industrial

If zoning change is imminent, please provide documentation from the appropriate zoning authority.

2. Current Use: ☐ Residential ☒ Commercial ☐ Industrial ☐ Vacant ☐ Recreational (check all that apply)

**Attach a summary of current business operations or uses, with an emphasis on identifying possible contaminant source areas. If operations or uses have ceased, provide the date.**

3. Reasonably anticipated use Post Remediation: ☐ Residential ☒ Commercial ☐ Industrial (check all that apply) **Attach a statement detailing the specific proposed use.**

If residential, does it qualify as single family housing?

☐ Yes ☐ No

4. Do current historical and/or recent development patterns support the proposed use?

☒ Yes ☐ No

5. Is the proposed use consistent with applicable zoning laws/maps? Briefly explain below, or attach additional information and documentation if necessary.

☒ Yes ☐ No

6. Is the proposed use consistent with applicable comprehensive community master plans, local waterfront revitalization plans, or other adopted land use plans? Briefly explain below, or attach additional information and documentation if necessary.

☒ Yes ☐ No

## XI. Statement of Certification and Signatures

(By requestor who is an individual)

If this application is approved, I hereby acknowledge and agree: (1) to execute a Brownfield Cleanup Agreement (BCA) within 60 days of the date of DEC's approval letter; (2) to the general terms and conditions set forth in the *Proposed DER-32, Brownfield Cleanup Program Applications and Agreements*; and (3) that in the event of a conflict between the general terms and conditions of participation and the terms contained in a site-specific BCA, the terms in the site-specific BCA shall control. Further, I hereby affirm that information provided on this form and its attachments is true and complete to the best of my knowledge and belief. I am aware that any false statement made herein is punishable as a Class A misdemeanor pursuant to section 210.45 of the Penal Law.

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

Print Name: \_\_\_\_\_

(By a requestor other than an individual)

I hereby affirm that I am Diane Macari (title) of Lewis & Murphy Realty, Inc. (entity); that I am authorized by that entity to make this application and execute the Brownfield Cleanup Agreement (BCA) and all subsequent amendments; that this application was prepared by me or under my supervision and direction. If this application is approved, I acknowledge and agree: (1) to execute a BCA within 60 days of the date of DEC's approval letter; (2) to the general terms and conditions set forth in the *Proposed DER-32, Brownfield Cleanup Program Applications and Agreements*; and (3) that in the event of a conflict between the general terms and conditions of participation and the terms contained in a site-specific BCA, the terms in the site-specific BCA shall control. Further, I hereby affirm that information provided on this form and its attachments is true and complete to the best of my knowledge and belief. I am aware that any false statement made herein is punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Date: 7/18/17 Signature: Diane Macari

Print Name: Diane Macari

### SUBMITTAL INFORMATION:

- **Two (2)** copies, one paper copy with original signatures and one electronic copy in Portable Document Format (PDF), must be sent to:
  - Chief, Site Control Section
  - New York State Department of Environmental Conservation
  - Division of Environmental Remediation
  - 625 Broadway
  - Albany, NY 12233-7020

FOR DEC USE ONLY

BCP SITE T&A CODE: \_\_\_\_\_ LEAD OFFICE: \_\_\_\_\_

**Supplemental Questions for Sites Seeking Tangible Property Credits in New York City ONLY.** Sufficient information to demonstrate that the site meets one or more of the criteria identified in ECL 27 1407(1-a) must be submitted if requestor is seeking this determination.

**BCP App Rev 9**

Property is in Bronx, Kings, New York, Queens, or Richmond counties.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Requestor seeks a determination that the site is eligible for the tangible property credit component of the brownfield redevelopment tax credit.	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>Please answer questions below and provide documentation necessary to support answers.</b>	
1. Is at least 50% of the site area located within an environmental zone pursuant to NYS Tax Law 21(b)(6)? Please see <a href="#">DEC's website</a> for more information.	
<input type="checkbox"/> Yes <input type="checkbox"/> No	
2. Is the property upside down or underutilized as defined below?	Upside Down? <input type="checkbox"/> Yes <input type="checkbox"/> No
	Underutilized? <input type="checkbox"/> Yes <input type="checkbox"/> No
<p><b>From ECL 27-1405(31):</b></p> <p>"Upside down" shall mean a property where the projected and incurred cost of the investigation and remediation which is protective for the anticipated use of the property equals or exceeds seventy-five percent of its independent appraised value, as of the date of submission of the application for participation in the brownfield cleanup program, developed under the hypothetical condition that the property is not contaminated.</p> <p><b>From 6 NYCRR 375-3.2(I) as of August 12, 2016:</b> (Please note: Eligibility determination for the underutilized category can only be made at the time of application)</p> <p>375-3.2:</p> <p>(I) "Underutilized" means, as of the date of application, real property on which no more than fifty percent of the permissible floor area of the building or buildings is certified by the applicant to have been used under the applicable base zoning for at least three years prior to the application, which zoning has been in effect for at least three years; and</p> <p>(1) the proposed use is at least 75 percent for industrial uses; or</p> <p>(2) at which:</p> <p>(i) the proposed use is at least 75 percent for commercial or commercial and industrial uses;</p> <p>(ii) the proposed development could not take place without substantial government assistance, as certified by the municipality in which the site is located; and</p> <p>(iii) one or more of the following conditions exists, as certified by the applicant:</p> <p>(a) property tax payments have been in arrears for at least five years immediately prior to the application;</p> <p>(b) a building is presently condemned, or presently exhibits documented structural deficiencies, as certified by a professional engineer, which present a public health or safety hazard; or</p> <p>(c) there are no structures.</p> <p>"Substantial government assistance" shall mean a substantial loan, grant, land purchase subsidy, land purchase cost exemption or waiver, or tax credit, or some combination thereof, from a governmental entity.</p>	



### Supplemental Questions for Sites Seeking Tangible Property Credits in New York City (continued)

3. If you are seeking a formal determination as to whether your project is eligible for Tangible Property Tax Credits based in whole or in part on its status as an affordable housing project (defined below), you must attach the regulatory agreement with the appropriate housing agency (typically, these would be with the *New York City Department of Housing, Preservation and Development*; the *New York State Housing Trust Fund Corporation*; the *New York State Department of Housing and Community Renewal*; or the *New York State Housing Finance Agency*, though other entities may be acceptable pending Department review). **Check appropriate box, below:**

- ☐ Project is an Affordable Housing Project - Regulatory Agreement Attached;
- ☐ Project is Planned as Affordable Housing, But Agreement is Not Yet Available\*  
(\*Checking this box will result in a "pending" status. The Regulatory Agreement will need to be provided to the Department and the Brownfield Cleanup Agreement will need to be amended prior to issuance of the CoC in order for a positive determination to be made.);
- ☐ This is Not an Affordable Housing Project.

#### From 6 NYCRR 375- 3.2(a) as of August 12, 2016:

(a) "Affordable housing project" means, for purposes of this part, title fourteen of article twenty seven of the environmental conservation law and section twenty-one of the tax law only, a project that is developed for residential use or mixed residential use that must include affordable residential rental units and/or affordable home ownership units.

(1) Affordable residential rental projects under this subdivision must be subject to a federal, state, or local government housing agency's affordable housing program, or a local government's regulatory agreement or legally binding restriction, which defines (i) a percentage of the residential rental units in the affordable housing project to be dedicated to (ii) tenants at a defined maximum percentage of the area median income based on the occupants' households annual gross income.

(2) Affordable home ownership projects under this subdivision must be subject to a federal, state, or local government housing agency's affordable housing program, or a local government's regulatory agreement or legally binding restriction, which sets affordable units aside for home owners at a defined maximum percentage of the area median income.

(3) "Area median income" means, for purposes of this subdivision, the area median income for the primary metropolitan statistical area, or for the county if located outside a metropolitan statistical area, as determined by the United States department of housing and urban development, or its successor, for a family of four, as adjusted for family size.

**BCP Application Summary (for DEC use only)**

**Site Name:** Kew Gardens Main Street  
**City:** Kew Gardens

**Site Address:** 68-14 to 68-50 Main Street  
**County:** Queens **Zip:** 11367

**Tax Block & Lot**  
**Section (if applicable):**

**Block:** 6486

**Lot:** 39

**Requestor Name:** Lewis & Murphy Realty, Inc.  
**City:** Manhasset

**Requestor Address:** 47 Hillside Avenue  
**Zip:** 11030 **Email:** dmacari@lewismurphyrealty.com

**Requestor's Representative (for billing purposes)**

**Name:** Diane Macari of Lewis & Murphy Realty, Inc. **Address:** 47 Hillside Avenue  
**City:** Manhasset

**Zip:** 11030 **Email:** dmacari@lewismurphyrealty.com

**Requestor's Attorney**

**Name:** **Address:**  
**City:**

**Zip:** **Email:**

**Requestor's Consultant**

**Name:** Advanced Cleanup Technologies, Inc. **Address:** 110 Main Street, Suite 103  
**City:** Port Washington

**Zip:** 11050 **Email:** DanielS@act.earth

**Percentage claimed within an En-Zone:** ☒ 0% ☐ <50% ☐ 50-99% ☐ 100%

**DER Determination:** ☐ Agree ☐ Disagree

**Requestor's Requested Status:** ☐ Volunteer ☒ Participant

**DER/OGC Determination:** ☐ Agree ☐ Disagree  
**Notes:**

**For NYC Sites, is the Requestor Seeking Tangible Property Credits:** ☐ Yes ☐ No

**Does Requestor Claim Property is Upside Down:** ☐ Yes ☐ No

**DER/OGC Determination:** ☐ Agree ☐ Disagree ☐ Undetermined

**Notes:**

**Does Requestor Claim Property is Underutilized:** ☐ Yes ☐ No

**DER/OGC Determination:** ☐ Agree ☐ Disagree ☐ Undetermined

**Notes:**

**Does Requestor Claim Affordable Housing Status:** ☐ Yes ☐ No ☐ Planned, No Contract

**DER/OGC Determination:** ☐ Agree ☐ Disagree ☐ Undetermined

**Notes:**

**NEW YORK STATE  
DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
BROWNFIELD CLEANUP PROGRAM (BCP)  
INSTRUCTIONS FOR COMPLETING A BCP APPLICATION**

The New York State Department of Environmental Conservation (DEC) strongly encourages all applicants to schedule a pre-application meeting with DEC staff to review the benefits, requirements, and procedures for completing a project in the BCP. Contact your [Regional office](#) to schedule a meeting. To add a party to an existing BCP Agreement and/or Application, use the [BCP Agreement Amendment Application](#). **See guidance at the end of these instructions regarding the determination of a complete application.**

**SECTION I REQUESTOR INFORMATION**

Requestor Name

Provide the name of the person(s)/entity requesting participation in the BCP. (If more than one, attach additional sheets with requested information. If an LLC, the members/owners names need to be provided on a separate attachment). The requestor is the person or entity seeking DEC review and approval of the remedial program.

If the requestor is a Corporation, LLC, LLP or other entity requiring authorization from the NYS Department of State to conduct business in NYS, the requestor's name must appear exactly as given in the [NYS Department of State's Corporation & Business Entity Database](#). A print-out of entity information from the database must be submitted to DEC with the application, to document that the requestor is authorized to do business in NYS.

Address, etc.

Provide the requestor's mailing address, telephone number; fax number and e-mail address.

Document Certification

All documents, which are prepared in final form for submission to DEC for approval, are to be prepared and certified in accordance with Section 1.5 of [DER-10](#). Persons preparing and certifying the various work plans and reports identified in Section 1.5 include:

- New York State licensed professional engineers (PEs), as defined at 6 NYCRR 375-1.2(aj) and paragraph 1.3(b)47. Engineering documents must be certified by a PE with current license and registration for work that was done by them or those under their direct supervision. The firm by which the PE is employed must also be authorized to practice engineering in New York State;
- qualified environmental professionals as defined at 6 NYCRR 375-1.2(ak) and DER-10 paragraph 1.3(b)49;
- remedial parties, as defined at 6 NYCRR 375-1.2(ao) and DER-10 paragraph 1.3(b)60; or
- site owners, which are the owners of the property comprising the site at the time of the certification.

**SECTION II PROJECT DESCRIPTION**

As a separate attachment, provide complete and detailed information about the project, including the purpose of the project, the date the remedial program is to start, and the date the Certificate of Completion is anticipated..

**NEW YORK STATE  
DEPARTMENT OF ENVIRONMENTAL CONSERVATION**

**SECTION III**

**PROPERTY'S ENVIRONMENTAL HISTORY**

Please follow instructions on application form.

**SECTION IV**

**PROPERTY INFORMATION**

Proposed Site Name

Provide a name for the proposed site. The name could be an owner's name, current or historical operations (i.e. ABC Furniture) or the general location of the property. Consider whether the property is known by DEC by a particular name, and if so, use that name.

Site Address

Provide a street address, city/town, zip code, and each municipality and county in which the site is located. .

Site Size

Provide the approximate acreage of the site.

GIS Information

Provide the latitude and longitude for the approximate center of the property. Show the latitude and longitude in degrees, minutes and seconds.

Tax Parcel Information

Provide the tax parcel address/section/block/lot information and map. Tax map information may be obtained from the tax assessor's office for all tax parcels that are included in the property boundaries. Attach a county tax map with identifier numbers, along with any figures needed to show the location and boundaries of the property. Include a USGS 7.5 minute quad map on which the property appears and clearly indicate the proposed site's location.

1. Tax Map Boundaries

State whether the boundaries of the site correspond to the tax map boundaries. If no, a metes and bounds description of the property must be attached. The site boundary can occupy less than a tax lot or encompass portions of one or more tax lots and may be larger or smaller than the overall redevelopment/reuse project area. A site survey with metes and bounds will be required to establish the site boundaries before the Certificate of Completion can be issued.

2. Map

Provide a property base map(s) of sufficient detail, clarity and accuracy to show the following: i) map scale, north arrow orientation, date, and location of the property with respect to adjacent streets and roadways; and ii) proposed brownfield property boundary lines, with adjacent property owners clearly identified.

**NEW YORK STATE  
DEPARTMENT OF ENVIRONMENTAL CONSERVATION**

**SECTION IV (continued)**

3. En-zone

Is any part of the property in an En-zone? If so, what percentage? For information on En-zones, please see [DEC's website](#).

4. Multiple applications

Generally, only one application can be submitted, and one BCA executed, for a development project. In limited circumstances, the DEC may consider multiple applications/BCAs for a development project where 1) the development project spans more than 25 acres; 2) the approach does not negatively impact the remedial program, including timing, ability to appropriately address areas of concern, and management of off-site concerns; and 3) the approach is not advanced to increase the value of future tax credits (i.e., circumvent the tax credit caps provided under New York State Tax Law Section 21).

10. Property Description Narrative

Provide a property description in the format provided below. Each section should be no more than one paragraph long.

Location

Example: "The XYZ Site is located in an {urban, suburban, rural} area." {Add reference points if address is unspecific; e.g., "The site is approximately 3.5 miles east of the intersection of County Route 55 and Industrial Road."}

Site Features:

Example: "The main site features include several large abandoned buildings surrounded by former parking areas and roadways. About one quarter of the site area is wooded. Little Creek passes through the northwest corner."

Current Zoning and Land Use: (Ensure the current zoning is identified.)

Example: "The site is currently inactive, and is zoned for commercial use. The surrounding parcels are currently used for a combination of commercial, light industrial, and utility right-of-ways. The nearest residential area is 0.3 miles east on Route 55."

Past Use of the Site: include source(s) of contamination and remedial measures (site characterizations, investigations, Interim Remedial Measures, etc.) completed outside of the current remedial program (e.g., work under a petroleum spill incident).

Example: "Until 1992 the site was used for manufacturing wire and wire products (e.g., conduit, insulators) and warehousing. Prior uses that appear to have led to site contamination include metal plating, machining, disposal in a one-acre landfill north of Building 7, and releases of wastewater into a series of dry wells."

When describing the investigations/actions performed outside of the remedial program, include the major chronological remedial events that lead to the site entering a remedial program. The history should include the first involvement by government to address hazardous waste/petroleum disposal. Do not cite reports. Only include remedial activities which were implemented PRIOR to the BCA. Do not describe sampling information.

**NEW YORK STATE  
DEPARTMENT OF ENVIRONMENTAL CONSERVATION**

**SECTION IV (continued)**

Property Description Narrative (continued)

Site Geology and Hydrogeology:

As appropriate, provide a very brief summary of the main hydrogeological features of the site including depth to water, groundwater flow direction, etc.

Environmental Assessment

The goal of this section is to describe the nature and extent of contamination at the site. When describing the nature of contamination, identify just the primary contaminants of concern (i.e., those that will likely drive remedial decisions/actions). If there are many contaminants present within a group of contaminants (i.e., volatile organic compounds, semivolatile organic compounds, metals), identify the group(s) and one or two representative contaminants within the group. When addressing the extent of contamination, identify the areas of concern at the site, contaminated media (i.e., soil, groundwater, etc.), relative concentration levels, and a broad-brush description of contaminated areas/depths.

The reader should be able to know if contamination is widespread or limited and if concentrations are marginally or greatly above Standards, Criteria and Guidance (SGCs) for the primary contaminants. If the extent is described qualitatively (e.g., low, medium, high), representative concentrations should be given and compared with appropriate SCGs. For soil contamination, the concentrations should be compared with the soil cleanup objectives (SCOs) for the intended use of the site.

**A typical Environmental Assessment would look like the following:**

Based upon investigations conducted to date, the primary contaminants of concern for the site include cadmium and trichloroethene (TCE).

*Soil* - Cadmium is found in shallow soil, mostly near a dry well at the northeast end of the property. TCE is found in deeper soil, predominantly at the north end of the site. Concentrations of cadmium found on site (approximately 5 ppm) slightly exceed the soil cleanup objective (SCO) for unrestricted use (2.5 ppm). Concentrations of TCE found on site (5 ppm to 300 ppm) significantly exceed the soil cleanup objectives for the protection of groundwater (0.47 ppm).

*Groundwater* - TCE and its associated degradation products are also found in groundwater at the north end of the site, moderately exceeding groundwater standards (typically 5 ppb), with a maximum concentration of 1500 ppb. A moderate amount of TCE from the site has migrated 300 feet down-gradient off-site. The primary contaminant of concern for the off-site area is TCE, which is present at a maximum concentration of 500 ppb, at 10 feet below the groundwater table near Avenue A.

*Soil Vapor & Indoor Air* - TCE was detected in soil vapor at elevated concentrations and was also detected in indoor air at concentrations up to 1,000 micrograms per cubic meter.

**If any changes to Section IV are required prior to application approval, a new page, initialed by each requestor, must be submitted.**

**SECTION V**

**ADDITIONAL REQUESTOR INFORMATION**

Representative Name, Address, etc.

Provide information for the requestor's authorized representative. This is the person to whom all correspondence, notices, etc. will be sent, and who will be listed as the contact person in the BCA. Invoices will be sent to the representative of Applications determined to be Participants unless another contact name and address is provided with the application.

Consultant and Attorney Name, Address, etc.

Provide requested information.



**NEW YORK STATE  
DEPARTMENT OF ENVIRONMENTAL CONSERVATION**

**SECTION VI                      CURRENT PROPERTY OWNER/OPERATOR INFORMATION  
(IF NOT A REQUESTOR)**

Owner Name, Address, etc.

Provide requested information of the current owner of the property. List all parties holding an interest in the Property and, if the Requestor is not the current owner, describe the Requestor's relationship to the current owner.

Operator Name, Address, etc.

Provide requested information of the current operator (if different from the requestor or owner).

Provide a list of previous property owners and operators with names, last known addresses, telephone numbers and the Requestor's relationship to each owner and operator as a separate attachment

**SECTION VII                      REQUESTOR ELIGIBILITY INFORMATION**

As a separate attachment, provide complete and detailed information in response to any eligibility questions answered in the affirmative. It is permissible to reference specific sections of existing property reports; however, it is requested that such information be summarized. For properties with multiple addresses or tax parcels, please include this information for each address or tax parcel.

**SECTION VIII                      PROPERTY ELIGIBILITY INFORMATION**

As a separate attachment, provide complete and detailed information in response to the following eligibility questions answered in the affirmative. It is permissible to reference specific sections of existing property reports; however, it is requested that that information be summarized.

**1. CERCLA / NPL Listing**

Has any portion of the property ever been listed on the National Priorities List (NPL) established under CERCLA? If so, provide relevant information.

**2. Registry Listing**

Has any portion of the property ever been listed on the New York State Registry of Inactive Hazardous Waste Disposal Sites established under ECL 27-1305? If so, please provide the site number and classification. See the Division of Environmental Remediation (DER) [website](#) for a database of sites with classifications.

**3. RCRA Listing**

Does the property have a Resource Conservation and Recovery Act (RCRA) TSDF Permit in accordance with the ECL 27-0900 *et seq*? If so, please provide the EPA Identification Number, the date the permit was issued, and its expiration date. Note: for purposes of this application, interim status facilities are not deemed to be subject to a RCRA permit.

**4. Registry / RCRA sites owned by volunteers**

If the answer to question 2 or 3 above is yes, is the site owned by a volunteer as defined under ECL 27-1405(1)(b), or under contract to be transferred to a volunteer? Attach any information available to the requestor related to previous owners or operators of the facility or property and their financial viability, including any bankruptcy filing and corporate dissolution documentation.

**NEW YORK STATE  
DEPARTMENT OF ENVIRONMENTAL CONSERVATION**

**SECTION VIII (continued)**

**5. Existing Order**

Is the property subject to an order for cleanup under Article 12 of the Navigation Law or Article 17 Title 10 of the ECL? If so, please provide information on an attachment. Note: if the property is subject to a stipulation agreement, relevant information should be provided; however, property will not be deemed ineligible solely on the basis of the stipulation agreement.

**6. Enforcement Action Pending**

Is the property subject to an enforcement action under Article 27, Titles 7 or 9 of the ECL or subject to any other ongoing state or federal enforcement action related to the contamination which is at or emanating from the property? If so, please provide information on an attachment.

**SECTION IX                      CONTACT LIST INFORMATION**

Provide the names and addresses of the parties on the Site Contact List (SCL) and a letter from the repository acknowledging agreement to act as the document repository for the proposed BCP project.

**SECTION X                      LAND USE FACTORS**

In addition to eligibility information, site history, and environmental data/reports, the application requires information regarding the current, intended and reasonably anticipated future land use.

1. This information consists of responses to the "land use" factors to be considered relative to the "Land Use" section of the BCP application. The information will be used to determine the appropriate land use in conjunction with the investigation data provided, in order to establish eligibility for the site based on the definition of a "brownfield site" pursuant to ECL 27-1405(2).
2. This land use information will be used by DEC, in addition to all other relevant information provided, to determine whether the proposed use is consistent with the currently identified, intended and reasonably anticipated future land use of the site at this stage. Further, this land use finding is subject to information regarding contamination at the site or other information which could result in the need for a change in this determination being borne out during the remedial investigation.

**SECTION XI                      SIGNATURE PAGE**

The Requestor must sign the application, or designate a representative who can sign. The requestor's consultant or attorney cannot sign the application. If there are multiple parties applying, then each must sign a signature page.

**NEW YORK STATE  
DEPARTMENT OF ENVIRONMENTAL CONSERVATION**

**DETERMINATION OF A COMPLETE APPLICATION**

1. The first step in the application review and approval process is an evaluation to determine if the application is complete. To help ensure that the application is determined complete, requestors should review the list of [common application deficiencies](#) and carefully read these instructions.
2. DEC will send a notification to the requestor within 30 calendar days of receiving the application, indicating whether such application is complete or incomplete.
3. An application must include the following information relative to the site identified by the application, necessary for making an eligibility determination, or it will be deemed incomplete. **(Please note: the application as a whole requires more than the information outlined below to be determined complete).** The application must include:
  - a. for all sites, an investigation report sufficient to demonstrate the site requires remediation in order to meet the requirements of the program, and that the site is a brownfield site at which contaminants are present at levels exceeding the soil cleanup objectives or other health-based or environmental standards, criteria or guidance adopted by DEC that are applicable based on the reasonably anticipated use of the property, in accordance with applicable regulations. Required data includes site drawings requested in Section III, #3 of the BCP application form.
  - b. for those sites described below, documentation relative to the volunteer status of all requestors, as well as information on previous owners or operators that may be considered responsible parties **and** their ability to fund remediation of the site. This documentation is required for:
    - i. real property listed in the registry of inactive hazardous waste disposal sites as a class 2 site, which may be eligible provided that DEC has not identified any responsible party for that property having the ability to pay for the investigation or cleanup of the property prior to the site being accepted into the BCP; or
    - ii. real property that was a hazardous waste treatment, storage or disposal facility having interim status pursuant to the Resource Conservation and Recovery Act (RCRA) program, which may be eligible provided that DEC has not identified any responsible party for that property having the ability to pay for the investigation or cleanup of the property prior to the site being accepted into the BCP.
  - c. for sites located within the five counties comprising New York City, in addition to (a) and if applicable (b) above, if the application is seeking a determination that the site is eligible for tangible property tax credits, sufficient information to demonstrate that the site meets one or more of the criteria identified in ECL 27 1407(1-a). **If this determination is not being requested in the application to participate in the BCP, the applicant may seek this determination at any time before issuance of a certificate of completion, using the BCP Amendment Application, except for sites seeking eligibility under the underutilized category.**
  - d. for sites previously remediated pursuant to Titles 9, 13, or 14 of ECL Article 27, Title 5 of ECL Article 56, or Article 12 of Navigation Law, relevant documentation of this remediation.

**NEW YORK STATE  
DEPARTMENT OF ENVIRONMENTAL CONSERVATION**

**DETERMINATION OF A COMPLETE APPLICATION (continued)**

4. If the application is found to be incomplete:
  - a. the requestor will be notified via email or phone call regarding minor deficiencies. The requestor must submit information correcting the deficiency to DEC within the 30-day review time frame; or
  - b. the requestor will receive a formal Letter of Incomplete Application (LOI) if an application is substantially deficient, if the information needed to make an eligibility determination identified in #4 above is missing or found to be incomplete, or if a response to a minor deficiency is not received within the 30-day period. The LOI will detail all of the missing information and request submission of the information. If the information is not submitted within 30 days from the date of the LOI, the application will be deemed withdrawn. In this case, the requestor may resubmit the application without prejudice.
5. If the application is determined to be complete, DEC will send a Letter of Complete Application (LOC) that includes the dates of the public comment period. The LOC will:
  - a. include an approved public notice to be sent to all parties on the Contact List included with the application;
  - b. provide instructions for publishing the public notice in the newspaper on the date specified in the letter, and instructions for mailing the notice to the Contact List;
  - c. identify the need for a certification of mailing form to be returned to DEC along with proof of publication documentation; and
  - d. specify the deadline for publication of the newspaper notice, which must coincide with, or occur before, the date of publication in the Environmental Notice Bulletin (ENB).
    - i. DEC will send a notice of the application to the ENB. As the ENB is only published on Wednesdays, DEC must submit the notice by the Wednesday before it is to appear in the ENB.
    - ii. The mailing to parties on the Contact List must be completed no later than the Tuesday prior to ENB publication. If the mailings, newspaper notice and ENB notice are not completed within the time-frames established by the LOC, the public comment period on the application will be extended to insure that there will be the required comment period.
    - iii. Marketing literature or brochures are prohibited from being included in mailings to the Contact List.



## BCP APPLICATION ATTACHMENTS

Main Street Kew Gardens  
68-14 to 68-50 Main Street  
Kew Gardens, NY 11367

ACT Project #: 9233-KGNY

November 6, 2017

Prepared For:

Chief, Site Control Section  
New York State Department of Environmental Conservation  
Division of Environmental Remediation  
625 Broadway  
Albany, NY 12233-7020

Prepared By:

Advanced Cleanup Technologies, Inc.  
110 Main Street, Suite 103  
Port Washington, NY 11050

## APPENDICES

Supplemental Responses to BCP Application .....	A
Requestor Entity Information .....	B
Phase I Environmental Site Assessment .....	C
Tier II Vapor Encroachment Screen .....	D
Phase II Environmental Site Assessment.....	E
Indoor Air Survey .....	F
Soil Site Sampling Drawing.....	G
Soil Gas Site Sampling Drawing .....	H
Property Base Map.....	I
City Tax Map .....	J
USGS 7.5 Minute Quad Map.....	K
Deed Cover Page and LLC Printouts.....	L
Document Repository Confirmation Letters.....	M
Proof of Access .....	N



## APPENDIX A

### Supplemental Responses to BCP Application

## Section I: Requestor Information

See Appendix B for a printout of the requestor's entity information from the NYS Department of State's Corporation & Business Entity Database.

## Section II: Project Description

### **Question 4:**

The proposed project plans to investigate and remediate the subsurface soil, soil vapor, and groundwater beneath an operating commercial building and an asphalt parking lot in conjunction with renovations of the onsite buildings, curbs and parking area. The area of concern is approximately 2,500 square feet. The project cost is estimated to be \$200,000. The expected date of start is September 1, 2017. The expected date of completion is March 1, 2018.

## Section III: Property's Environmental History

### **Question 1 - Reports:**

- Phase I Environmental Site Assessment (Phase I ESA) by Advanced Cleanup Technologies, Inc. (ACT) dated February 14, 2017 (Appendix C).
- Tier II Vapor Encroachment Screen (Tier II VE Screen) by ACT dated April 19, 2017 (Appendix D)
- Phase II Subsurface Investigation (Phase II SI) by ACT dated May 19, 2017 (Appendix E).
- Indoor Air Survey (IAS) by ACT dated June 26, 2017 (Appendix F).

### **Question 3 - Site Sampling Drawings:**

- Soil Diagram - See Appendix G. All listed measurements exceed standards.
- Soil Gas Diagram – See Appendix H. All listed measurements exceed standards.

## Section IV: Property Information

### **See the following attached maps:**

- Property Base Map (Appendix I)
- City Tax Map with identifier numbers (Appendix J)
- USGS 7.5 Minute Quad Map (Appendix K)

#### Question 10:

- **Location:** The 68-14 to 68-50 Main Street site is located in an urban area of north-eastern Queens
- **Site Features:** The site contains a one-story commercial retail building with a full basement and asphalt-covered parking lot.
- **Current Zoning:** The site is zoned in a R4B district with commercial overlay C1-2.
- **Land Use:** The current land use of the site is commercial.
- **Past Use:** According to a summary of historical research in ACT's 2017 Phase I ESA, historical fire insurance maps prior to 1950 identify undeveloped land at the Site; the 1950 map identifies a one-story commercial building at the Site; the 1981 map is the first to indicate a dry cleaner as a tenant and the map indicates that the address is 68-32 Main Street, the northern portion of present-day Queens Pita Bakery; maps through 2006 indicate no substantial changes to the Site.

ACT's 2017 Phase I ESA also includes a summary of a digest of historical city directories obtained from Environmental Data Resources. This summary indicates that the earliest identified tenant is the "U.S. Works Progress Administration," in 1941; tenants identified through 2016 include retail stores, offices, dry cleaners, and other non-industrial services (e.g. hairdressers, restaurants, laundry); the dry cleaner "Encore Cleaners, Inc." is first identified as a tenant in 1962 and continues to be identified as such through 2006; a dry cleaner "Lee Family Cleaners Corp." is identified as a tenant in 2011; a dry cleaners named "On-The-Marc Dry Cleaners" is identified as a tenant in 2016.

The present-day owners (see the supplement to Section VI) purchased the property in September of 2015.

In its 2017 Phase I ESA, ACT recommended a Tier II VE Screen due to the potential of a vapor encroachment condition at the Site caused by operations at the historical dry cleaner. The Tier II VE Screen, conducted in April of 2017, identified elevated levels of Chlorinated Volatile Organic Compounds (CVOC's) in the vicinity of the historical dry cleaner. In this report, ACT recommended the installation of a Sub-Slab Depressurization System (SSDS) and enrolment in the NYSDEC Brownfield Cleanup Program.

To further delineate the condition of the Site, in May of 2017, ACT performed a Phase II SI, which found decreased levels of CVOC's in soil vapor with distance from the historical dry cleaner. The Phase II SI identified elevated levels of CVOC's in shallow soil samples.

The IAS conducted by ACT in June of 2017 did not identify elevated levels of CVOC's in air on the ground floor of the building. The IAS identified elevated levels of CVOC's in air within the basement of the building.

In June of 2017, a sub-slab depressurization system (SSDS) was installed beneath the onsite building to mitigate the migration of soil vapor into the building's indoor air. An SSDS installation report is pending.

- **Site Geology and Hydrogeology:** In its 2017 Phase I ESA, ACT states, “The subject property is located in a residential and commercial area in the central portion of the borough of Queens in New York City. The immediate vicinity of the subject property contains residential and commercial buildings. The subject property is located approximately 0.67 miles east of the Meadow Lake.”

“...The topography of the area is generally level. The vicinity of the site is approximately 81 feet above mean sea level. The ground surface in the vicinity of the property is covered with asphalt and concrete pavement and residential and commercial building.”

“...The subsurface beneath the site consists of unconsolidated sand and gravel layers from the ground surface to approximately 50 feet below ground surface where the Raritan confining unit is encountered. The major aquifer systems beneath the subject property are the Upper glacial and Lloyd aquifers. Bedrock beneath the subject property is located approximately 200 feet below ground surface. Regional ground water in the vicinity of the subject property is expected to flow west towards the Meadow Lake.”

There are no freshwater or tidal wetlands in the immediate vicinity of the site.

The field notes in ACT's 2017 Phase II SI indicate that shallow soil samples consisted of light brown to dark brown, dense, silty sand (SM<sup>1</sup>). Groundwater was not encountered.

- **Environmental Assessment:** Based upon investigations conducted to date, the primary contaminants of concern for the site include tetrachloroethylene (PCE) and trichloroethylene (TCE).
  - Soil – Of three shallow soil samples taken in the vicinity of the historical dry cleaner, concentrations of CVOC's were significantly higher in one sample located directly beneath the eastern portion of the historical dry cleaner. In that sample, PCE was measured at 1,200 mg/Kg. In all three samples, measurements of PCE exceeded the Restricted Use Protection of Groundwater Soil Cleanup Objectives (SCO's) of 19 mg/Kg. In two of the three samples, measurements of TCE exceeded the Restricted Use Protection of Groundwater SCO of 21 mg/Kg.
  - Indoor Air – Indoor air was sampled in commercial units in the direct vicinity of the historical dry cleaner. In the basements of these units, measurements of PCE and TCE exceed NYSDOH Air Guidelines. The highest concentrations measured were in the cellar of Queens Pita Bakery, the former location of the historical dry cleaner; PCE was measured at 170 µg/m<sup>3</sup> and TCE was measured at 11 µg/m<sup>3</sup>.
  - Soil Vapor – Elevated concentrations of PCE, TCE, and Cis-1,2 Dichlorethene (DCE) were measured throughout the property with levels highest in the near vicinity of the historical dry cleaner. The maximum concentrations of sub-slab PCE (990,000 µg/m<sup>3</sup>) and TCE (220,000 µg/m<sup>3</sup>) were measured beneath the eastern portion of the historical dry

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<sup>1</sup> Unified Classification System designation for silty sand

cleaner. DCE was measured at a maximum level of 32,000 µg/m<sup>3</sup> in two samples in the direct vicinity of the historical dry cleaner.

- Groundwater has not been sampled in a previous environmental investigation.

#### Section V: Additional Requestor Information

The requestor is not represented by an attorney at present, but may retain an attorney in the future.

#### Section VI: Current and Historical Property Owner/Operator Information

**Ownership of 68-14 to 68-50 Main Street (the Site) is currently shared by three LLC's:**

- MAIN PROPERTIES JM, LLC (33.333% interest)
  - Address:  
C/O Lewis & Murphy Realty Inc.  
47 Hillside Ave  
Manhasset, NY 11030
  - Phone Number: 516-627-9600
  - E-mail: dmacari@lewismurphyrealty.com
  - Initial Date of Property Ownership: June 18, 2015
- MAIN PROPERTIES DM, LLC (33.333% interest)
  - Address:  
C/O Lewis & Murphy Realty Inc.  
47 Hillside Ave  
Manhasset, NY 11030
  - Phone Number: 516-627-9600
  - E-mail: dmacari@lewismurphyrealty.com
  - Initial Date of Property Ownership: June 18, 2015
- MAIN PROPERTIES AM, LLC (33.334% interest)
  - Address:  
C/O Lewis & Murphy Realty Inc.  
47 Hillside Ave  
Manhasset, NY 11030
  - Phone Number: 516-627-9600
  - E-mail: dmacari@lewismurphyrealty.com
  - Initial Date of Property Ownership: June 18, 2015

Printouts of the deed cover page and LLC information from the NYS Department of State's Corporation & Business Entity Database is contained in Appendix L.

**History of ownership:**

Owner	Dates of Ownership/Operation	Last Known Address	Relationship to Requestor
Paul and Dora Paulson, Estates of	Unknown – 8/9/72	Unknown	None
John P. McGrath, et al.	8/9/72 – 10/18/15	160 E 72 <sup>nd</sup> St, New York, NY	None
Valencia Supermarket, Inc (Lessee)	2/11/81 – Unknown	800 Third Ave, New York, NY 10022	None
Main Five Co.	10/18/15 – 9/11/15	47 Hillside Ave, Manhasset, NY 11030	None
Main Properties DM, LLC, et al.	9/11/15 - Present	47 Hillside Ave, Manhasset, NY 11030	Represented by requestor

**Section IX: Contact List Information**

- Martha Taylor, Chairperson  
Ms. Marie Adam-Ovide, District Manager  
Community Board 8, Queens  
197-15 Hillside Avenue  
Hollis, NY 11423
- Rory I. Lachman, City Council Member Representing District 24  
78-40 164th Street  
Hillcrest, NY 11366
- Melinda Katz, Queens Borough President Queens Borough Hall  
120-55 Queens Blvd  
Kew Gardens, NY 11424
- John Young, Borough Director  
New York City Department of City Planning - Queens Borough Office  
120-55 Queens Blvd., Room 201  
Kew Gardens, NY 11424
- Shaminder Chawla, Deputy Director NYC OER  
100 Gold Street, 2nd Floor  
New York, NY 10038
- Bill de Blasio, Mayor  
City Hall  
New York, NY 10007



**Adjacent properties:**

Owner	Tenant
Gty-Cpg(Qns/Bx)Leasing, Inc. 2 Jericho Plz Ste 110 Jericho NY 11753	Main Street Auto Center, Inc. 67-24 Main Street Flushing, NY 11367
Jack L Tructon Cedar Grove Cemetary A PO Box 520228 Flushing NY 11352	Mt. Hebron Cemetary 134-16 Hor Harding Ep Sr Queens, NY 11367
Ravit Bouhadana 68-03 141 Street Queens, NY 11367	Owner (Residence)
Neil R Herstein 68-05 141 Street Queens, NY 11367	Owner (Residence)
Shlomo Levani 68-07 141 Street Queens, NY 11367	Owner (Single-Family Residence)
Yong Cheng Chen 141-15 68 Drive Queens, NY 11367	Owner (Single-Family Residence)
Guo Heng Peng 141-13 68 Drive Queens, NY 11367	Owner (Single-Family Residence)
Gerald Goldson 141-11 68 Drive, 11367	Owner (Single-Family Residence)
Ivan P Abramson 141-18 68 Drive Queens, NY 11367	Owner (Single-Family Residence)
Yana Moses 141-22 68 Drive Queens, NY 11367	Owner (Single-Family Residence)
Rachel Kalikstein 141-24 68 Drive Queens, NY 11367	Owner (Single-Family Residence)
Bernice R Goldstein 141-26 68 Drive Queens, NY 11367	Owner (Single-Family Residence)
Farida Aronbayev 141-28 68 Drive Queens, NY 11367	Owner (Single-Family Residence)
Naomi Shcaap 141-30 68 Drive Queens, NY 11367	Owner (Single-Family Residence)

Sandra J. Baer Morad 141-32 68 Drive Queens, NY 11367	Owner (Single-Family Residence)
Steven S Weinstein 144-03 68 Road Queens, NY 11367	Owner (Single-Family Residence)
Jewish Heritage Center Of Queens 68-29 Main Street Queens 11367	Owner
144-01 LLC 144-01 68 Drive Queens, NY 11367	Digestive Disease Care Melissa King, MD Mehta Preeti, MD Leena Sayedy, MD Abraham Bijou, DO

#### **Local Schools:**

- Rabbi Mechel Friedman  
MTV High School  
68-58 147th St  
Flushing, NY 11367
- Brian Condon, Principal  
Townsend High School  
149-11 Melbourne Ave  
Flushing, NY 11367
- Frederick Wright, Principal  
Public School 219  
144-39 Gravett Rd  
Flushing, NY 11367

#### **Local Newspaper:**

- Roz Liston  
TimesLedger Newspapers  
41-02 Bell Blvd. 2nd Floor  
Bayside, NY 11361  
Phone: (718) 260-4545

**Local Libraries:**

- Queens Library at Kew Garden Hills  
71-34 Main St  
Flushing, NY 11367
- Queens Library at Pomonok  
15821 Jewel Ave, Queens, NY 11365

**Repositories** (see Appendix M for acknowledgements):

- Queens Library at Kew Garden Hills  
71-34 Main St  
Flushing, NY 11367
- Community Board 8, Queens  
197-15 Hillside Avenue  
Hollis, NY 11423

**Public Water Suppliers:**

- Bureau of Water and Sewer Operations  
Department of Environmental Protection  
59-17 Junction Boulevard  
Flushing, NY 11373
- Bureau of Water Supply  
Department of Environmental Protection  
59-17 Junction Boulevard  
Flushing, NY 11373
- New York City Water Board  
Department of Environmental Protection  
59-17 Junction Blvd, 8th Floor  
Flushing, NY 11373

No additional persons have requested placement on the contact list.

**Section VII: Requestor Eligibility Information**

A letter from a property owner confirming site access for the requestor is included in Appendix N.

## Section X: Land Use Factors

### **Question 2:**

- In its 2017 Phase I ESA, ACT states, “The subject property consists of a one-story commercial retail building with a full basement and an asphalt-paved parking lot. The building contains eleven commercial units, which are occupied by two hardware and paint stores, two restaurants, a pharmacy, a beauty salon, a bakery, an eyewear company, a drop-off dry cleaner, a grocery store, and a supermarket. The building has a footprint of approximately 33,705 square feet, and the property is approximately 42,250 square feet in area.”

### **Question 5:**

- The project will not substantially affect the usage of the subject property and will therefore not affect its current adherence to applicable zoning laws/maps. The building and parking lot will not be altered in area. No additional stories will be added to the current one-story structure; therefore, the property will remain within the maximum commercial floor area ratio of 1.0, as required for a C1-2 commercial overlay.

### **Question 6:**

- The project will not substantially affect the usage of the subject property and will therefore not affect its current adherence to applicable comprehensive community master plans, local waterfront revitalization plans, or other adopted land use plans.

## APPENDIX B

### Requestor Entity Information

# NYS Department of State

## Division of Corporations

### Entity Information

The information contained in this database is current through July 12, 2017.

---

Selected Entity Name: LEWIS & MURPHY REALTY, INC.

Selected Entity Status Information

**Current Entity Name:** LEWIS & MURPHY REALTY, INC.

**DOS ID #:** 58975

**Initial DOS Filing Date:** JUNE 07, 1946

**County:** QUEENS

**Jurisdiction:** NEW YORK

**Entity Type:** DOMESTIC BUSINESS CORPORATION

**Current Entity Status:** ACTIVE

Selected Entity Address Information

**DOS Process (Address to which DOS will mail process if accepted on behalf of the entity)**

LEWIS & MURPHY REALTY, INC.

47 HILLSIDE AVENUE

MANHASSET, NEW YORK, 11030

**Chief Executive Officer**

DIANE MACARI

47 HILLSIDE AVENUE

MANHASSET, NEW YORK, 11030

**Principal Executive Office**

LEWIS & MURPHY REALTY, INC.

47 HILLSIDE AVENUE

MANHASSET, NEW YORK, 11030

**Registered Agent**

NONE

This office does not record information regarding the  
names and addresses of officers, shareholders or

directors of nonprofessional corporations except the chief executive officer, if provided, which would be listed above. Professional corporations must include the name(s) and address(es) of the initial officers, directors, and shareholders in the initial certificate of incorporation, however this information is not recorded and only available by [viewing the certificate](#).

### **\*Stock Information**

# of Shares	Type of Stock	\$ Value per Share
200	No Par Value	

\*Stock information is applicable to domestic business corporations.

### **Name History**

Filing Date	Name Type	Entity Name
JUN 07, 1946	Actual	LEWIS & MURPHY REALTY, INC.

A **Fictitious** name must be used when the **Actual** name of a foreign entity is unavailable for use in New York State. The entity must use the fictitious name when conducting its activities or business in New York State.

NOTE: New York State does not issue organizational identification numbers.

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## APPENDIX C

### Phase I Environmental Site Assessment





## **PHASE I ENVIRONMENTAL SITE ASSESSMENT**

**68-16 to 68-48 Main Street  
Kew Gardens, NY 11367  
Tax Map #: Block 6486, Lot 39**

**ACT Project #: 9233-KGNY**

**February 14, 2017**

**Prepared for:**

**Stephany Espinal  
Flushing Bank  
220 RXR Plaza  
Uniondale, NY 11556**

**Prepared by:**

**Advanced Cleanup Technologies, Inc.  
110 Main Street, Suite 103  
Port Washington, NY 11050**



## Table of Contents

1.0 EXECUTIVE SUMMARY .....	4
2.0 INTRODUCTION .....	5
2.1 Purpose .....	5
2.2 Detailed Scope of Services .....	6
2.3 Significant Assumptions .....	6
2.4 Limitations and Exceptions .....	6
2.5 Special Terms and Conditions .....	7
2.6 User Responsibilities .....	7
3.0 SITE DESCRIPTION .....	8
3.1 Location and Legal Description .....	8
3.2 Site and Vicinity Characteristics .....	8
3.3 Current Use of the Property .....	8
3.4 Description of Structures, Roads and Other Improvements .....	8
3.5 Current Use of Adjoining Properties .....	8
4.0 USER PROVIDED INFORMATION .....	9
4.1 Environmental Liens .....	9
5.0 RECORDS REVIEW .....	9
5.1 Standard Environmental Records Sources .....	9
5.2 Local Regulatory Agencies .....	12
5.3 Physical Setting Source .....	12
5.4 Historical Use Information of the Subject Property and Adjacent Properties .....	13
5.5 Historical City Directories .....	13
6.0 SITE RECONNAISSANCE .....	15
6.1 Methodology and Limiting Conditions .....	15
6.2 General Site Setting .....	15
6.3 Exterior Observations .....	15
6.4 Interior Observations .....	15
6.5 Asbestos .....	16
6.6 Hazardous Materials .....	16
6.7 Storage Tanks .....	16
6.8 Radon .....	17



6.9	Potable Water .....	17
6.10	Lead Based Paint .....	17
6.11	PCBs .....	17
6.12	Tier I Vapor Encroachment Assessment .....	17
6.13	Cooling Towers .....	18
7.0	INTERVIEWS.....	18
7.1	Interview with Owner .....	18
7.2	Interview with Site Manager .....	18
7.3	Interview with Occupants .....	18
7.4	Interviews with Local Government Officials .....	19
7.5	Interviews with Others.....	19
8.0	FINDINGS.....	19
9.0	OPINION.....	19
10.0	CONCLUSIONS .....	19
11.0	RECOMMENDATIONS.....	20
12.0	DEVIATIONS .....	20
13.0	ADDITIONAL SERVICES .....	20
14.0	REFERENCES .....	20
15.0	SIGNATURE OF ENVIRONMENTAL PROFESSIONALS .....	21
16.0	QUALIFICATIONS .....	22
17.0	APPENDICES .....	
17.1	Site Vicinity Map.....	
17.2	Site Plan .....	
17.3	Site Photographs .....	
17.4	Historical Research Documentation .....	
17.5	Database Search Results .....	
17.6	Regulatory Records Documentation .....	
17.7	Interview Documentation .....	
17.8	Qualifications of Environmental Professionals .....	



## 1.0 EXECUTIVE SUMMARY

Property Address: 68-16 to 68-48 Main Street, Kew Gardens, NY 11367.

Property Usage: A commercial retail building and parking lot.

Property Description: The subject property consists of a one-story commercial retail building with a full basement and an asphalt-paved parking lot. The building contains eleven commercial units, which are occupied by two hardware and paint stores, two restaurants, a pharmacy, a beauty salon, a bakery, an eyewear company, a drop-off dry cleaner, a grocery store, and a supermarket. The building has a footprint of approximately 33,705 square feet, and the property is approximately 42,250 square feet in area.

Subject	Acceptable	Routine Solution	Additional Study	Estimated Cost
Site History	No		Yes	\$3,500.00
Database Review	No		Yes	See above
Local Records Review	X			
Visual Observations	X			
Adjacent Properties	No		Yes	See above
USTs and ASTs	X			
PCBs	X			
Asbestos	X			
Radon	X			
Lead-Based Paint	X			

Advanced Cleanup Technologies, Inc. (ACT) has performed the Phase I Environmental Site Assessment in conformance with the scope of limitations of ASTM Practice E 1527-13 of 68-16 to 68-48 Main Street, Kew Gardens, NY 11367, the “subject property.” Any exceptions to or deletions from this practice are described in Section 2.2 of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the subject property, except the following:

- Historical dry cleaning operations at the subject property (Sections 5.1, 5.4, and 5.5)
- A potential vapor encroachment condition at the subject property (Section 6.12)



No controlled recognized environmental conditions were identified at the subject property. A controlled recognized environmental condition is a recognized 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.

A historical recognized environmental condition was identified, namely closed NYSDEC Spill No. 99-06837 at the subject property. An historical recognized environmental condition 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 meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to required controls.

No *de minimis* conditions were identified at the subject property. 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 to an enforcement action if brought to the attention of appropriate governmental agencies (excluding local asbestos and lead situations).

## **2.0 INTRODUCTION**

Pursuant to the request of Flushing Bank, as our client, ACT has conducted a Phase I Environmental Site Assessment (ESA) of 68-16 to 68-48 Main Street, Kew Gardens, NY 11367. The Assessment was performed to meet or surpass the industry standard established by ASTM's Standard Practice for Environmental Site Assessments (E 1527-13). This ESA was conducted in accordance with and subject to the proposal dated January 24, 2017.

### **2.1 Purpose**

The purpose of this report is to assess the subject property for evidence of Recognized Environmental Conditions (RECs) in accordance with the provisions of ASTM Standard E 1527-13. As defined by the ASTM, the term recognized environmental condition means “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.”

A material threat is “a physically observable or obvious threat which is reasonably likely to lead to a release that, in the opinion of the environmental professional, is threatening and might result in impact to public health or the environment.”



## **2.2 Detailed Scope of Services**

The Phase I ESA includes a visual inspection of the subject property, improvements, and surrounding properties to identify potential recognized environmental conditions. The adjacent properties were viewed from the subject property and roadways to determine potential sources of contamination or environmental impacts that could migrate to the subject property.

Research into historical uses of the property and surrounding land and a review of regulatory agency files and databases pertaining to the property and surrounding properties were performed.

Interviews with property representatives regarding past and present conditions and interviews with local government officials were performed to determine if environmental issues exist at the subject property.

The Phase I ESA also contains non-ASTM items: a limited visual screening for suspect asbestos-containing materials, a limited screening for lead based paint, and a review of regulatory agency documents regarding lead in drinking water and radon in the vicinity of the subject property.

## **2.3 Significant Assumptions**

Information and records provided by the user, outside vendors, and regulatory agencies consulted by ACT are assumed to be correct and complete.

## **2.4 Limitations and Exceptions**

This practice constitutes “All Appropriate Inquiry” (AAI) into the previous ownership and uses of the property consistent with good commercial or customary practice in accordance with the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA, 42 U.S.C. 9601). Data gaps may occur in the event that a portion of the AAI practice cannot be fully performed as per ASTM E 1527-13, despite the good faith effort of the environmental professional. This practice does not address local or state environmental assessment obligations that may be applicable to the property.

The purpose of this ESA is to assess the subject property with respect to the presence of hazardous substances or petroleum products in accordance with provisions of ASTM Standard E 1527-13. This practice is intended to permit the user, which may be a prospective purchaser or tenant, an owner, a lender or a property manager, to satisfy requirements to qualify as an innocent land owner, contiguous property owner, or bona fide prospective purchaser, hereinafter known as the Landowner Liability Protections (LLPs).





The innocent landowner defense applies to individuals who were not aware of contamination at a property despite completion of AAI at the time of purchase; government entities that acquired a property via escheat, eminent domain, involuntary transfer or acquisition; and individuals who inherited a property.

The contiguous property owner liability protection applies to owners who have completed AAI prior to purchase and were not aware of a contiguous property not owned by them that has or may have impacted their property. Knowledge of impact from a contiguous property exempts the owner from the contiguous property owner liability. The bona fide prospective purchaser liability protection signifies that the purchaser made all appropriate inquiries into the subject property prior to its purchase.

This Phase I ESA has been prepared to assess the potential environmental liabilities at the subject site with respect to data that Advanced Cleanup Technologies, Inc. has accumulated during the Phase I ESA. The conclusions presented in this report are based solely on the observations of the site at the time of the assessment. Data provided, including information provided by others, were utilized in assessing the site conditions. The accuracy of this Phase I ESA is subject to the accuracy of the information provided. Advanced Cleanup Technologies, Inc. is not responsible for areas not seen or information not collected.

This Phase I ESA was performed at the request of Flushing Bank in accordance with ASTM E 1527-13. The report has been prepared for the sole use of Flushing Bank; no other party may use the report without written consent from ACT and Flushing Bank.

## **2.5 Special Terms and Conditions**

No special terms or condition are in addition to the scope outlined in Section 2.2 of this Phase I Environmental Site Assessment.

## **2.6 User Responsibilities**

This practice does not address the continuing obligations of the user, including protection of activity and use limitations (AULs), which are legal or physical restrictions or limitations on the use of, or access to, a site or facility; (1) to reduce or eliminate potential exposure to hazardous substances or petroleum products in the soil, soil vapor, groundwater, and/or surface water on the property, or (2) to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment.

This practice also does not address the duty to take reasonable steps to prevent future releases or the duty to comply with legally required release reporting obligations.



### **3.0 SITE DESCRIPTION**

#### **3.1 Location and Legal Description**

The address of the subject property is 68-16 to 68-48 Main Street, Kew Gardens, NY 11367. The New York City tax map identification number is Block 6486, Lot 39.

#### **3.2 Site and Vicinity Characteristics**

The subject property is located in a residential and commercial area in the central portion of the borough of Queens in New York City. The immediate vicinity of the subject property contains residential and commercial buildings. The subject property is located approximately 0.67 miles east of the Meadow Lake.

#### **3.3 Current Use of the Property**

The subject property currently contains a one-story commercial retail building occupied by two hardware and paint stores, two restaurants, a pharmacy, a beauty salon, a bakery, an eyewear company, a drop-off dry cleaner, a grocery store, and a supermarket. The current use does not appear to be impacting the environmental quality of the subject property.

#### **3.4 Description of Structures, Roads and Other Improvements**

The subject property is located along the western side of Main Street with 68<sup>th</sup> Drive to the south. Electric, water, and natural gas services enter underground from the east. The utility meters are located in the basement. Heat is supplied to the building by natural gas HVAC equipment located on the roof and by natural gas and electric heaters located in each unit. Hot water is supplied to the building by natural gas and electric heating tanks located in each unit. The building is connected to the municipal sewer system.

#### **3.5 Current Use of Adjoining Properties**

The exterior conditions of adjacent properties were viewed from the subject property and adjacent roadways.

North: A one-story filling and service station (Mobil).  
South: Two-story residential apartment buildings.





East: Two- and three-story residential apartment buildings and commercial buildings.  
West: The Mt. Hebron Cemetery and one- to two-story residential apartment buildings.

The adjacent property to the north may be impacting the environmental quality of the subject property. The adjacent properties to the south, east, and west do not appear to be impacting the environmental quality of the subject property.

#### **4.0 USER PROVIDED INFORMATION**

A User Questionnaire was provided to the real estate representatives of the subject property. The completed User Questionnaire has not been provided to ACT at the time of this report.

##### **4.1 Environmental Liens**

An environmental lien search is an inquiry into the existence of environmental cleanup liens against the subject property that are filed or recorded under federal, tribal, state, or local laws.

An environmental lien search was not included in the scope of work of this assessment and therefore was not performed. However, if the findings of a lien search performed by any other party reveal the presence of an environmental related lien on the subject property, this information should be forwarded to ACT for review, and any significant findings will be added to this assessment as an addendum.

#### **5.0 RECORDS REVIEW**

##### **5.1 Standard Environmental Records Sources**

In an effort to determine the potential impact from hazardous waste activities or petroleum products at the subject property, adjacent properties and surrounding area, a review of database information on waste sites within one mile of the subject property was conducted. The database report information was provided to ACT by Biologic, Inc. on January 24, 2017.

The review included a search of the following Federal, United States Environmental Protection Agency (USEPA), and New York State Department of Environmental Conservation (NYSDEC) databases:

- USEPA National Priorities List (NPL) and Delisted NPL Sites.
- USEPA Comprehensive Environmental Response, Compensation, and Liability Act Information System (CERCLIS Non-NFRAP) and CERCLIS No Further Remedial Action Planned (CERCLIS NFRAP) Sites.



- NYDEC listing of Inactive Hazardous Waste Disposal and Registry Qualifying Sites or State equivalent NPL and CERCLIS Sites.
- USEPA and NYSDEC Resource Conservation and Recovery Act (RCRA) Hazardous Waste Treatment Storage and Disposal (TSD) facilities, RCRA corrective action activity (CORRACTS) sites, and Hazardous Waste generator/transporter facilities.
- USEPA and NYSDEC Brownfield and Voluntary Cleanup Sites.
- NYSDEC Solid Waste Management Facilities Database.
- NYSDEC listing of Leaking Underground Storage Tanks (LUSTs) and Spills List.
- NYSDEC listing of Petroleum Bulk Storage Facilities, Major Oil Storage and Chemical Bulk Storage Facilities.
- USEPA Emergency Response and Notification System (ERNS).
- USEPA and NYSDEC Institutional Controls/Engineering Controls (IC/EC).

The NPL and CERCLIS databases are maintained by the USEPA and contain records for each of the hazardous waste facilities nominated or chosen for cleanup under Superfund. The NPL database was searched for sites within a radius of 1 mile from the subject property. The subject property is not listed in the NPL database. No NPL sites are located within 1 mile of the subject property.

The Delisted NPL database was searched for sites within a radius of ½ mile from the subject property. The subject property is not listed in the Delisted NPL database. No Delisted NPL sites are located within ½ mile of the subject property.

The CERCLIS database was searched for sites within a radius of ½ mile from the subject property. The subject property is not listed in the CERCLIS Non-NFRAP database. No CERCLIS Non-NFRAP sites are located within ½ mile of the subject property.

The CERCLIS-NFRAP database was searched for sites within a radius of ½ mile from the subject property. The subject property is not listed in the CERCLIS-NFRAP database. No CERCLIS-NFRAP sites are located within ½ mile of the subject property.

The RCRA database includes listings of properties that are undergoing Corrective Action. The subject property is not listed in the Corrective Action database. No RCRA Corrective Action sites are located within 1 mile of the subject property.

RCRA database includes listings of properties that are considered Hazardous Waste Treatment, Storage or Disposal (TSD) facilities. The subject property is not listed in the RCRA TSD database. No RCRA TSD sites are located within ½ mile of the subject property.

The RCRA database includes listings of properties that are considered Hazardous Waste Generators or Transporters. The subject property is listed in the RCRA Hazardous Waste Generator/Transporter database as Encore Flushing Cleaners. The property is listed with EPA ID NYD981137144. In 1985, it was identified as a “Small Quantity Generator,” generating between 100 and 1,000 kg of hazardous waste per calendar month. In 1995, 2006, and 2007, it was identified as a



non-generator. The wastes were identified as ignitable hazardous wastes and halogenated solvents. The environmental quality of the subject property may be affected.

A total of 16 RCRA Hazardous Waste Generator/Transporter sites are located within ¼ mile of the subject property. The closest site, Mobil Oil Corp. SS HGR at 67-20 Main Street, is the adjacent property to the north of the subject property. It is listed with EPA ID NYD986923142. In 1991, it was identified as a “Small Quantity Generator,” generating between 100 and 1,000 kg of hazardous waste per calendar month. In 1995, 2006, 2007, and 2011, it was identified as a non-generator. The wastes were identified as lead.

The NYDEC publication of Inactive Hazardous Waste Disposal and Registry Qualifying Sites in New York State contains a listing of all properties and facilities in New York state that have been identified as containing toxic or hazardous wastes and/or contamination in various forms. The subject property is not listed in the database. No Inactive Hazardous Waste Disposal Sites or Registry Qualifying Sites are located in the database within 1 mile of the subject property.

The NYDEC Solid Waste Landfill Facility database (SWLF) includes properties that are active solid waste disposal sites. The SWLF database was searched for sites within a radius of ½ mile of the subject property. The subject property is not listed in the SWLF database. No SWLF sites are located within ½ mile of the subject property.

The NYDEC publication of Brownfield/Voluntary Cleanup Sites in New York State contains a listing of all properties and facilities where expansion or redevelopment is complicated by real or perceived environmental contamination. The subject property is not listed in the database. No Brownfield/VCP sites are located within ½ mile of the subject property.

The NYDEC Spills and Leaking Underground Storage Tank (LUST) lists were searched for all reported spills within ½ mile of the subject property. The subject property is listed in the Spill/LUST database. Spill number 99-06837 was opened on September 8, 1999. The #4 fuel oil spill was caused by a tank test failure. Corrective action was taken and the spill closed on September 5, 2001. The closed spill should not affect the environmental quality of the subject property.

A total of 124 spills or LUSTs have occurred within ½ mile of the subject property. The closest site with an open spill number, TTF at 70-35 150<sup>th</sup> Street, is located 0.357 miles east-southeast of the subject property. Spill number 13-09952 was opened on January 13, 2014. The #4 fuel oil spill was caused by a tank test failure. Due to the non-proximate location of the site, it is unlikely to affect the environmental quality of the subject property.

The NYDEC listing of Petroleum Bulk Storage (PBS), Major Oil Storage (MOSF) and Chemical Bulk Storage (CBS) facilities was searched for any listings within ¼ mile of the subject property. The subject property is not listed in the databases. A total of 28 PBS or CBS facilities are located within ¼ mile of the property. The closest site, Mobil 13073 at 67-20 Main Street, is the adjacent property to the north of the subject property. The site contains five 4,000-gallon underground



storage tanks that hold gasoline; one 1,000-gallon underground storage tank that holds #2 fuel oil; and one 250-gallon aboveground storage tank that holds waste oil. Eight underground storage tanks have been closed or converted to non-regulated use at the site. The tanks had capacities of 550; 1,000; and 4,000 gallons and contained gasoline and waste oil. The site is registered in the PBS database with facility ID 2-156809.

The ERNS database is a Federal listing of properties which emergency responses were made to in reference to hazardous waste. The subject property is not listed in the ERNS database.

The USEPA and NYSDEC Institutional Controls/Engineering Controls (IC/EC) database was searched for the subject property. The subject property is not listed in the IC/EC database.

## **5.2 Local Regulatory Agencies**

The New York City Department of Buildings (DOB) file contains a property file for Block 6486, Lot 39. The property addresses are listed as 68-14 to 68-50 Main Street and 68-18 to 68-42 84<sup>th</sup> Road, Queens, NY 11367. The owner is listed as Main Properties JM, LLC. The building is classified as a K1 store building, and the property is zoned in an R4B district. The building has a footprint of approximately 33,705 square feet, and the property is approximately 42,250 square feet in area. The construction date is listed as 1950.

The property is listed as having three open DOB violations, related to plumbing and construction infractions. No open Environmental Control Board violations are listed for the property. One Certificate of Occupancy (C of O) is listed for the subject property on the DOB website. The C of O dated December 23, 1958 indicates that a one-story commercial building occupied by stores and a market is located at the property.

The New York City Department of Health, Department of Environmental Protection, and Bureau of Fire Prevention have not responded to our information requests at the time of this report. Pertinent information received from these agencies will be provided in an addendum to this report.

## **5.3 Physical Setting Source**

The topography of the area is generally level. The vicinity of the site is approximately 81 feet above mean sea level. The ground surface in the vicinity of the property is covered with asphalt and concrete pavement and residential and commercial buildings.

The subsurface beneath the site consists of unconsolidated sand and gravel layers from the ground surface to approximately 50 feet below ground surface where the Raritan confining unit is encountered. The major aquifer systems beneath the subject property are the Upper glacial and Lloyd



aquifers. Bedrock beneath the subject property is located approximately 200 feet below ground surface. Regional ground water in the vicinity of the subject property is expected to flow west towards the Meadow Lake.

#### 5.4 Historical Use Information of the Subject Property and Adjacent Properties

Historical fire insurance maps for the years 1903 through 2006 were obtained from Environmental Data Resources Inc. and reviewed by ACT.

Summary	Subject Property	As of 1903, the subject property consisted of undeveloped land. By 1950, a one-story commercial retail building was constructed. By 1981, a store unit (68-32 Main) was identified as a dry cleaner. The property remained substantially unchanged through 2006.
	North	As of 1903, the property consisted of undeveloped land. By 1950, a one-story filling station had been constructed, which remained through 2006.
	South	As of 1903, the property consisted of undeveloped land. By 1950, two-story dwellings were constructed. The property remained substantially unchanged through 2006.
	East	As of 1903, the property consisted of undeveloped land. By 1950, three one- to three-story dwellings were constructed. By 1981, the northern building was identified as mixed-use. The property remained substantially unchanged through 2006.
	West	As of 1903, the property consisted of undeveloped land. By 1950, four one- to two-story dwellings were constructed. The property remained substantially unchanged through 2006.
	General Vicinity	As of 1903, the vicinity was scarcely developed, which became a well-developed residential and commercial area by 1950. It remained substantially unchanged through 2006.

#### 5.5 Historical City Directories

Historical city directories for the years 1937 through 2016 were obtained from GeoSearch and reviewed by ACT.

Year	Occupants
1937	Unlisted
1941	U.S. Works Progress Admin.
1948	Individual tenants.



1962	Waldbaum Stores Inc., Waldbaum Inc., Arrowbrook Seafood Market Inc., Arrowbrook Kosher Meat & Poultry, Cookie Bar Bake Shop, Wings Laundry, Encore Cleaners Inc., Albert Barber Shop, Buster Brown of Kew Garden Hills, Terry's Buster Brown Shoes, Charmond Hairdresser, Shear's Stationery, Arrowhead Hardware Inc., Sy-Delle Fashions, J&L Stationery & Lunchnet, Guys N' Dolls, Golden Pharmacy, and an individual tenant.
1967	Waldbaum Inc., Arrowbrook Seafood Market Inc., Arrowbrook Kosher Meat & Poultry Market, Cookie Bar Bake Shop, Wings Laundry, Encore Cleaners Inc., Nick & Joe Barber Shop, Terry's Buster Brown Shoes, Charmond Hairdresser, Charmond Annex Inc., Shear's Stationery, Arrowhead Hardware Inc., Sy-Delle Fashions, J&L Stationery Inc., Continental Studios, The Main Continental Inc., Golden Pharmacy, and an individual tenant.
1971	Waldbaum Inc., Arrowbrook Fish Market, Arrowbrook Meat Market, S. Scartados Shoes, Levy's Kosher Pizza, Wings Laundry, Encore Cleaners, Nick & Joe's Barber Shop, Town Radio & TV, Charmond Hairdresser, Charmond Annex Inc., Shear's Stationery, Arrowhead Hardware, Sy-Delle Fashions, Lef-Gor Restaurant, Main Continental Inc., and S & M Pharmacy Inc.
1975	Waldbaum Inc., Arrowbrook Fish Market, B&B Locksmith, G. Karetso Shoes, Levy's Kosher Pizza, Wings Laundry, Encore Cleaners, Nick & Joe's Barber Shop, Town Radio & TV, Charmond Hairdresser, Charmond Annex Inc., Shear's Stationery, Pincus Hardware, Sy-Delle Fashions, Main Continental Inc., and S & M Pharmacy Inc.
1980	Waldbaums Supermarket, Arrowbrook Fish Market, Main St. Fish Market, F&M Kosher Meats, T. Sotirios Shoes, Naomi's Kosher Pizza, Wings Laundry, Encore Cleaners, Nick & Joe's Barber, Town Radio & TV, Charmond Hairdresser, Charmond Annex Inc., Shear's Stationery, Pincus Hardware, Sy-Delle Fashions Inc., and S & M Pharmacy Inc.
1985	Met Supermarket, Arrowbrook Fish Market, Main St. Fish Market, Lori Kosher Meats, Choy Shoe Repair, Naomi's Kosher Pizza, Wings Laundry, Encore Cleaners, Nick & Joe's Barber, Town Radio & TV, Charmond Hairdresser, Charmond Annex Inc., Shear's Stationery, Pincus Hardware, Funky T-Shirts, Main St. Coffee Shop, and S & M Pharmacy Inc.
1990	Met Food, Choi Fish Market, Picanty, Choi Shoe Repair, Naomi's Kosher Pizza, Wings Laundry, Encore Cleaners, Nick & Joe's Barber, Hatzmeret Restaurant, Charmond Hairdresser, Charmond Annex Inc., Main Gallery, Pincus Hardware, Funky T-Shirts, and S & M Pharmacy Inc.
1995	Met Food, Ching Hing House, Picanty, Gentleman's Shoe Repair, Naomi's Kosher Pizza, Wings Laundry, Encore Flushing Cleaner, Hatzmeret Restaurant, Queens Pita, Love U Inc., and S & M Pharmacy Inc.
2002	Supersol QNS Inc., Ching Hing House, Amalya Grocery, Tamara's Shoe Repair, Naomi's Pizza & Israel, Encore Flushing, Colbeh Restaurant, Queens Pita, Serenity Spa Inc., Paint & Hardware, Hands-On Pediatric, S & M Pharmacy Inc., and individual tenants.
2006	Supersol of Queens Inc., Ching Hing House, Moses Barbershop, Tamara's Shoe Repair, Naomi's Kosher Pizza Inc., Encore Cleaners, Colbeh Restaurant, Queens Pita Inc., Towne Paint & Hardware Corp., Tasty Meds Inc., and S & M Pharmacy Inc.
2011	Ching Hing House, Amalya Grocery, Poza, Pozi LI, Naomi's Kosher Pizza & Israel, Sifrutake, Lee Family Cleaners Corp., Coffee Beanery, Queens Pita, You Spa, Towne Paint, Flavorspray Diet, and S & M Pharmacy Inc.
2016	Blue & Gold Equities, Ching Hing House, Amalya Grocery, On-The-Marc Dry Cleaners, Sure Response Lockout & Keys, Naomi's Kosher Pizza, G&I Kosher Bakeries, Queens

	Pita, Mazal Salon & Spa, You Spa, A & P Locksmith, Aaron's Lock & Key, Towne Paint & Hardware, and S & M Pharmacy Inc.
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## **6.0 SITE RECONNAISSANCE**

### **6.1 Methodology and Limiting Conditions**

Jessica Lam of ACT performed a site inspection on February 2, 2017. Mike, the property manager, provided access. The property was traversed on foot.

### **6.2 General Site Setting**

The subject property is located in a residential and commercial area in the central portion of Queens. The topography of the area is generally level. The immediate vicinity of the subject property contains residential and commercial development.

### **6.3 Exterior Observations**

The subject property contains a one-story commercial retail building. The exterior of the building is constructed of brick, and the building has a flat roof. Access was not provided to the roof during the inspection. An asphalt-paved parking lot is located in the western portion of the property. Storage containers and a refrigerator were observed in the northwest corner of the parking lot. A loading dock for the supermarket is located at the rear of the building.

Solid waste is stored in dumpsters and in garbage bags in the parking lot. There was no evidence of hazardous waste within the solid waste. One exterior storm drain was observed at the property. No stains, odors, or evidence of spills were observed in the vicinity of the drain or throughout the property.

### **6.4 Interior Observations**

The building contains eleven commercial units. The interior of the building consists of tile, vinyl, wood, carpet, and concrete floors; sheetrock and concrete walls; and drop, sheetrock, concrete, and wood ceilings. The main entrance of the building is located on the eastern property boundary along Main Street. Additional entrances and roll-up doors, which provide access to the supermarket, are located at the rear of the building.

S&M Pharmacy, Benjamin Moore Paints, Mazal Salon & Spa, Towne Paint and Hardware,



Queens Pita Bakery, Main Optical, Naomi's Kosher Pizza, On-The-Marc Dry Cleaners, Amalia Grocery, Soysauce Glatt Kosher Chinese Take-out, and Seasons Supermarket occupy the building. The building has a full basement, which is used for storage and commercial space and contains the utility meters. The supermarket contains an electric elevator, which services the basement and first floor.

Several floor drains were observed in the basement. No stains, odors, or evidence of spills were observed in the vicinity of the drains or throughout the building interior.

## **6.5 Asbestos**

A visual inspection of the property for suspect asbestos-containing materials (ACM) such as pipe and boiler insulation, ceiling tiles, and floor tiles was conducted. No suspect asbestos-containing materials were observed at the property.

These findings comprise only a preliminary inspection of the subject property for ACM and should not be interpreted as a formal asbestos survey. All federal, state, and local regulations should be followed with respect to SACM if renovations or demolition are to be performed at the property.

## **6.6 Hazardous Materials**

A visual inspection of the property was conducted for evidence of potential hazardous material contamination. A 55-gallon drum of used cooking oil was observed in the parking lot. The drum was in fair condition with no associated stains or spills. Typical paints and cleaners were stored throughout the building. The containers were in good condition with no associated stains or spills.

No areas of stressed vegetation or excavated areas were observed anywhere on the property. No indication of previous environmental investigations, such as groundwater monitoring wells, was observed at the property or any adjoining properties. No pits, ponds, or lagoons indicative of hazardous waste disposal were observed at the property.

## **6.7 Storage Tanks**

No aboveground storage tanks were observed at the property. No evidence of underground storage tanks, such as fill pipes or vent pipes, was observed at the property. No evidence of former underground storage tanks, such as asphalt or concrete patches, was observed at the property.



## **6.8 Radon**

The New York State Department of Health maintains records of average radon levels by county. The average level for Queens County is 1.23 picoCuries per Liter (pCi/L). This level is considered to be within the normal background range. The United States Environmental Protection Agency standard for radon is 4.0 pCi/L.

## **6.9 Potable Water**

The subject property is supplied water by the local municipality. The municipality monitors the quality of this water for organic and inorganic constituents, including lead, in accordance with federal law. The municipality must maintain lead concentrations at less than 15 micrograms per liter.

## **6.10 Lead Based Paint**

A visual inspection of the property for chipped, peeling, or cracking paint was performed. No areas of deteriorated paint were observed at the property. Painted surfaces were in fair to good condition.

These findings comprise only a preliminary inspection for lead-based paint at the subject property and should not be interpreted as a formal lead-based paint inspection. All federal, state, and local regulations should be followed with respect to lead-based paint if renovations or demolition activities affecting painted surfaces are to be performed.

## **6.11 PCBs**

A trash compactor is located in the parking lot. The compactor was in good condition with no associated stains. The supermarket contains an electric elevator, which services the basement and first floor.

No electrical transformers were observed at the property. The building does not contain any other equipment that could contain substantial amounts of PCB-contaminated oil.

## **6.12 Tier I Vapor Encroachment Assessment**

A Tier I Vapor Encroachment Assessment was performed on the subject property in accordance with ASTM E 2600-10, *Standard Guide for Vapor Encroachment Screening on Property Involved in*



*Real Estate Transactions*, June 2010. Using information gathered during this Phase I Environmental Site Assessment, a Tier I Vapor Encroachment Assessment determines whether there actually is or is a potential for volatile vapors to encroach upon the subject property, producing a vapor encroachment condition. A vapor encroachment condition is the presence or likely presence of vapors in the subsurface of the subject property caused by the release of vapors from contaminated soil or groundwater either on or near the subject property.

A review of current and historical uses of the subject property and surrounding properties indicates that a vapor encroachment condition may exist at the subject property based upon the following information:

- Historical dry cleaning operations at the subject property (Sections 5.1, 5.4, and 5.5)
- Historical filling station operations at the adjacent property to the north (Section 5.4)

### **6.13 Cooling Towers**

No cooling towers were observed at the property during the inspection.

## **7.0 INTERVIEWS**

### **7.1 Interview with Owner**

A Property Owner/Representative Questionnaire was completed by Michael Allimonos, a property manager for Main Properties DM, LLC; Main Properties JM, LLC; Main Properties AM, LLC, which has owned the property for approximately 28 years. According to Mr. Allimonos, the property has been continuously used as a commercial retail building. He had no knowledge of any environmental issues regarding the subject property or adjacent properties, any previous environmental investigations performed at the subject property, or any environmental liens associated with the subject property.

### **7.2 Interview with Site Manager**

A property manager was not available during the site inspection for interview.

### **7.3 Interview with Occupants**

No site occupants were available during the site inspection for interview.



## **7.4 Interviews with Local Government Officials**

ACT attempted to contact officials at the New York City Department of Buildings and Department of Environmental Protection to obtain information indicating recognized environmental conditions in connection with the subject property. No officials were available for interview regarding the subject property.

## **7.5 Interviews with Others**

No additional interviews were conducted as part of this assessment.

## **8.0 FINDINGS**

During the course of this Phase I ESA, ACT has identified the historical dry cleaning operations and the potential vapor encroachment condition at the subject property as known or suspected recognized environmental conditions. A historical recognized environmental condition was identified, namely closed NYSDEC Spill No. 99-06837 at the subject property.

No controlled recognized environmental conditions or *de minimis* conditions were identified at the subject property. No significant data gaps were identified during this assessment.

## **9.0 OPINION**

Based on the scope of work performed, it is ACT's professional opinion that the historical dry cleaning operations and the potential vapor encroachment condition at the subject property are recognized environmental conditions that could adversely affect the property's environmental quality and that warrant further environmental study at this time.

## **10.0 CONCLUSIONS**

Advanced Cleanup Technologies, Inc. (ACT) has performed the Phase I Environmental Site Assessment in conformance with the scope of limitations of ASTM Practice E 1527-13 of 68-16 to 68-48 Main Street, Kew Gardens, NY 11367, the "subject property." Any exceptions to or deletions from this practice are described in Section 2.2 of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the subject property, except the following:



- Historical dry cleaning operations at the subject property (Sections 5.1, 5.4, and 5.5)
- A potential vapor encroachment condition at the subject property (Section 6.12)

## **11.0 RECOMMENDATIONS**

A Tier II Vapor Encroachment Screen should be performed at the subject property to determine whether a vapor encroachment condition exists. The Tier II Vapor Encroachment Screen should include the collection and analysis of soil vapor samples beneath interior and exterior portions of the property. A comprehensive report should be provided comparing the results to applicable regulatory criteria. The cost for this task should not exceed \$3,500.00.

## **12.0 DEVIATIONS**

No deviations from the detailed scope of services outlined in Section 2.2 were performed as part of this Phase I ESA.

## **13.0 ADDITIONAL SERVICES**

No additional services beyond the detailed scope of services outlined in Section 2.2 were performed as part of this Phase I ESA.

## **14.0 REFERENCES**

American Society for Testing and Materials Practice E 1527-13, November 2013.

American Society for Testing and Materials Practice E 2600-10, June 2010.s

U.S.E.P.A. Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA) (42 U.S.C. 9601 et. seq.).

Databases obtained by ACT from Biologic, Inc.

City Directory obtained by ACT from GeoSearch.

New York City Department of Buildings.

New York City Department of Health.



New York City Department of Environmental Protection.

New York City Bureau of Fire Prevention.

U.S.G.S. 7.5 Minute Series Topographic Map, Jamaica, NY Quadrangle.

Hydrogeologic Framework of Long Island, New York by Smolensky, D.A., Buxton, H.T., and Shernoff, P. K., 1989.

Fire Insurance Maps obtained by ACT from Environmental Data Resources.

USEPA Safe Drinking Water Act, 42 USC 300, et. Seq. 1982.

## **15.0 SIGNATURE OF ENVIRONMENTAL PROFESSIONALS**

This practice must be conducted by an Environmental Professional (EP) or under the supervision of an EP, “a person meeting the education, training, and experience requirements as set forth in 40 CFR Part 312.10(b).” Individuals who do not qualify as EPs may assist in the performance of the AAI if appropriately trained and supervised by an EP. At a minimum, the EP must be involved in the planning of the site reconnaissance and interviews. The EP is also responsible for the review of the Phase I Environmental Site Assessment and interpretation of the information obtained via the Phase I Investigation.

ACT declares that to the best of our professional knowledge and belief we meet the definition of EP defined in 312.10 of 40 CFR Part 312. ACT has the specific qualifications based on education, training and experience to assess a property of the nature, history, and setting of the subject property. ACT has developed and performed the All Appropriate Inquiry in conformance with the standards and practices set forth in 40 CFR Part 312.

Dated: February 14, 2017

By: Jessica Lam  
Project Manager

By: Paul Stewart, JD, MS  
President



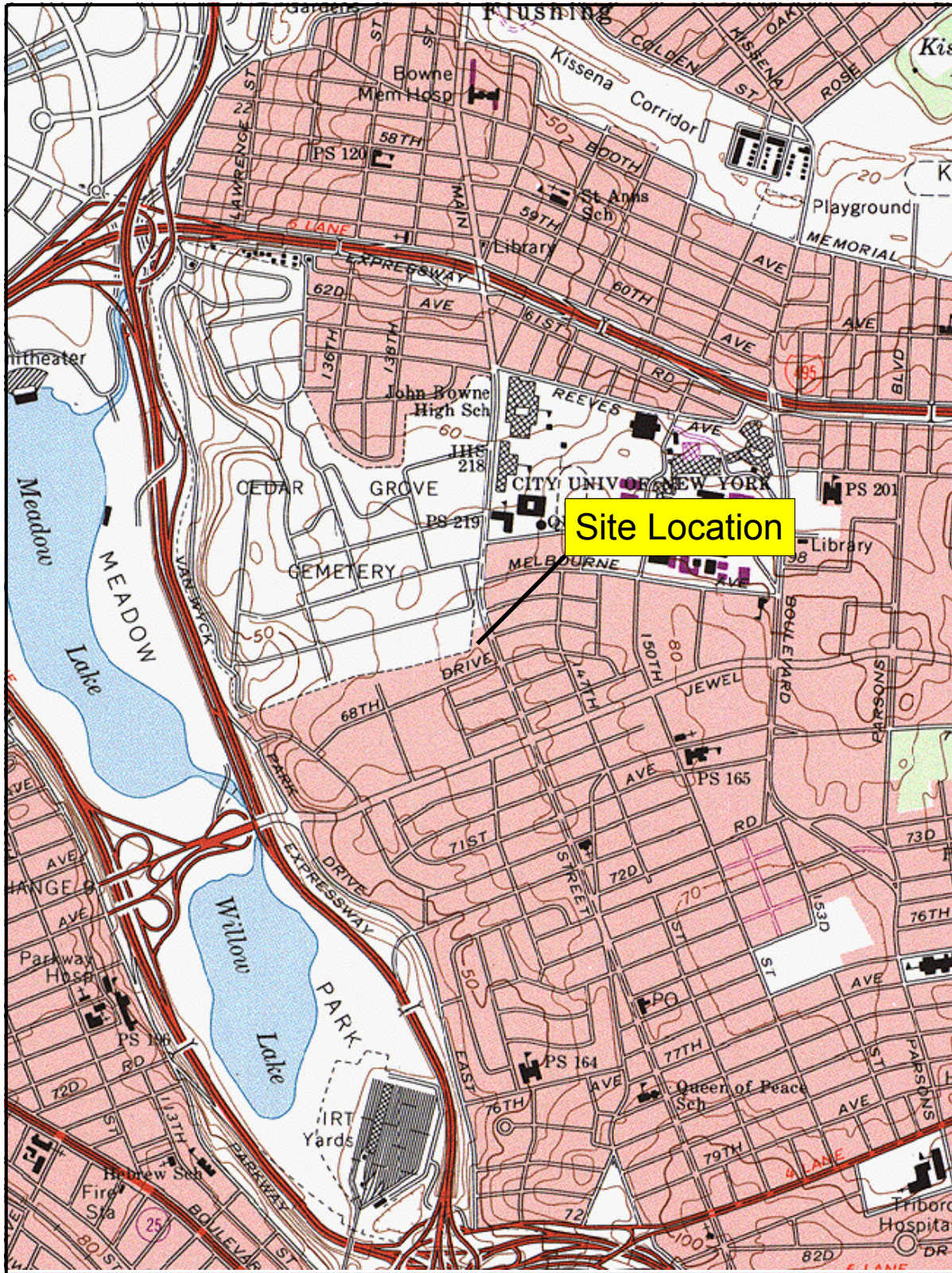
## **16.0 QUALIFICATIONS**

The qualifications of the environmental professionals associated with the completion of this Phase I ESA are provided as an Appendix to this report.

## **17.0 APPENDICES**

## **17.1 Site Vicinity Map**





From USGS 7.5 Minute Topographic Map of  
Jamaica, NY Quadrangle



### Locational Diagram

Advanced Cleanup Technologies, Inc.  
ENVIRONMENTAL CONSULTANTS

110 Main Street, Suite 103, Port Washington, New York 11050  
Tel: 516-441-5800 Fax: 516-441-5511

Project No.: 9233-KGNY

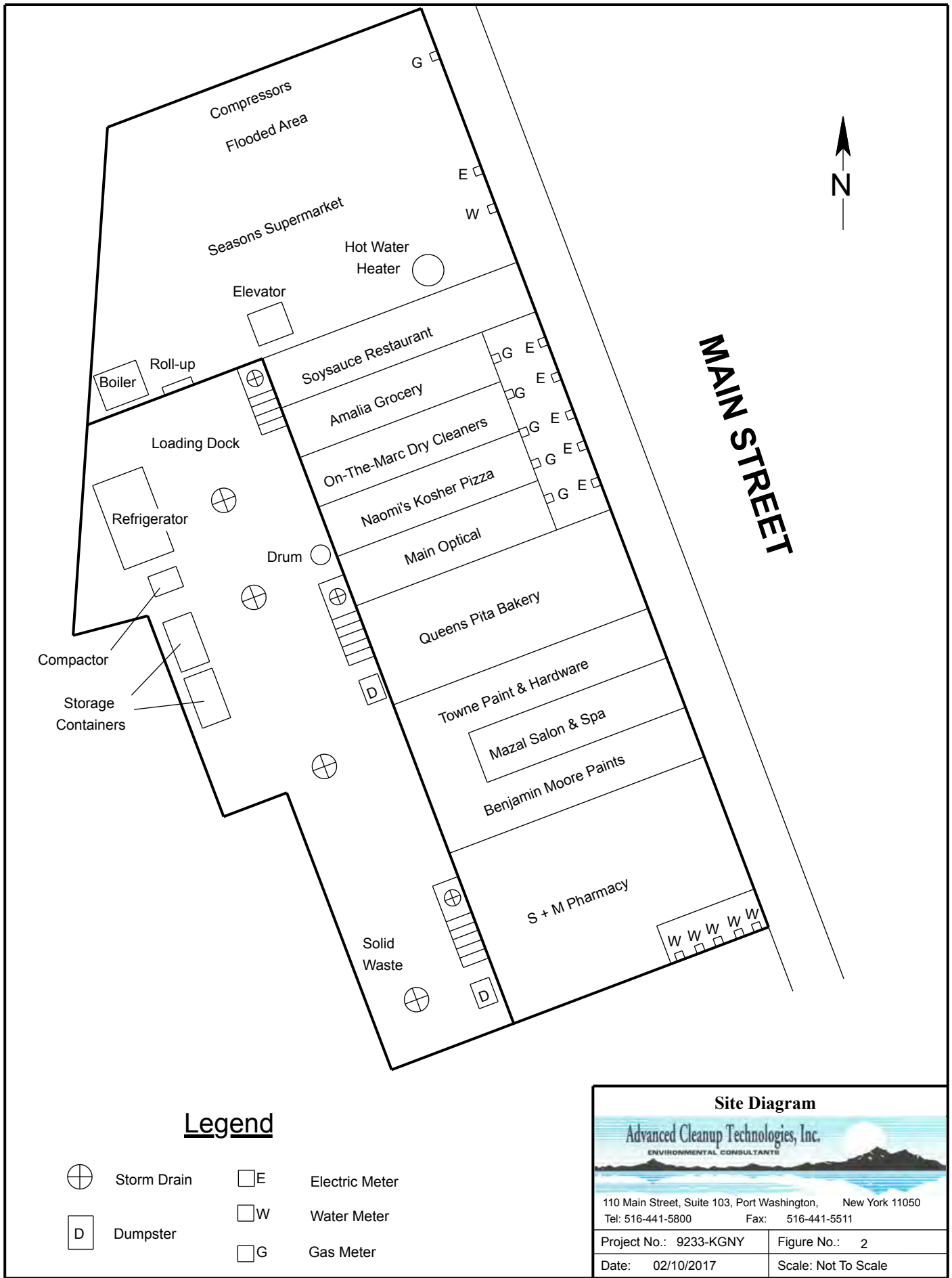
Figure No.: 1

Date: 01/30/2017

Scale: Not To Scale

## **17.2 Site Plan**





### **17.3 Site Photographs**



The front of the subject property.



The parking lot at the property.



The interior of S&M Pharmacy.



The interior of Benjamin Moore Paints.



The interior of Mazal Salon & Spa.

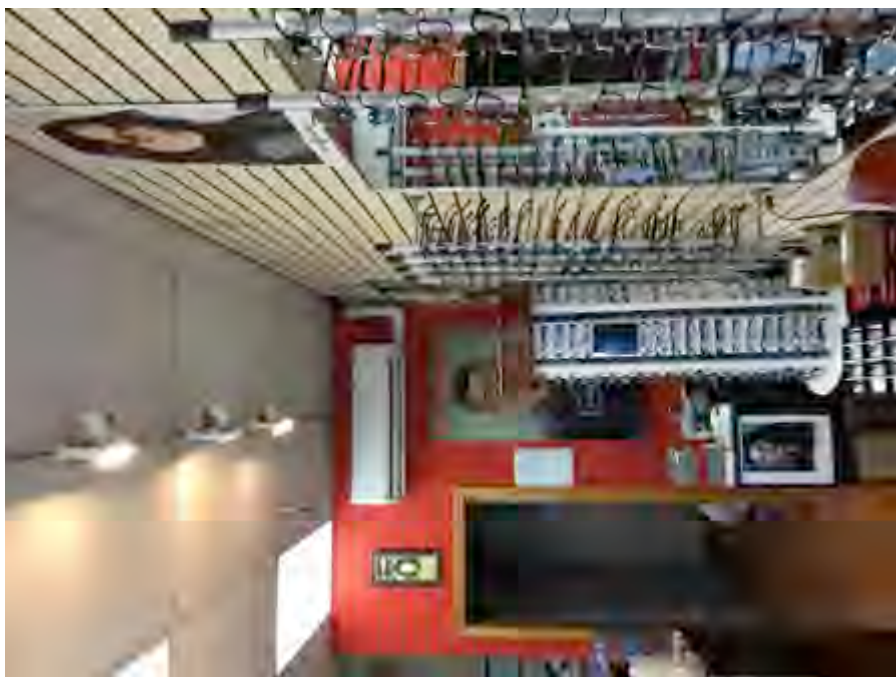


The interior of Towne Paint and Hardware.





The interior of Queens Pita Bakery.

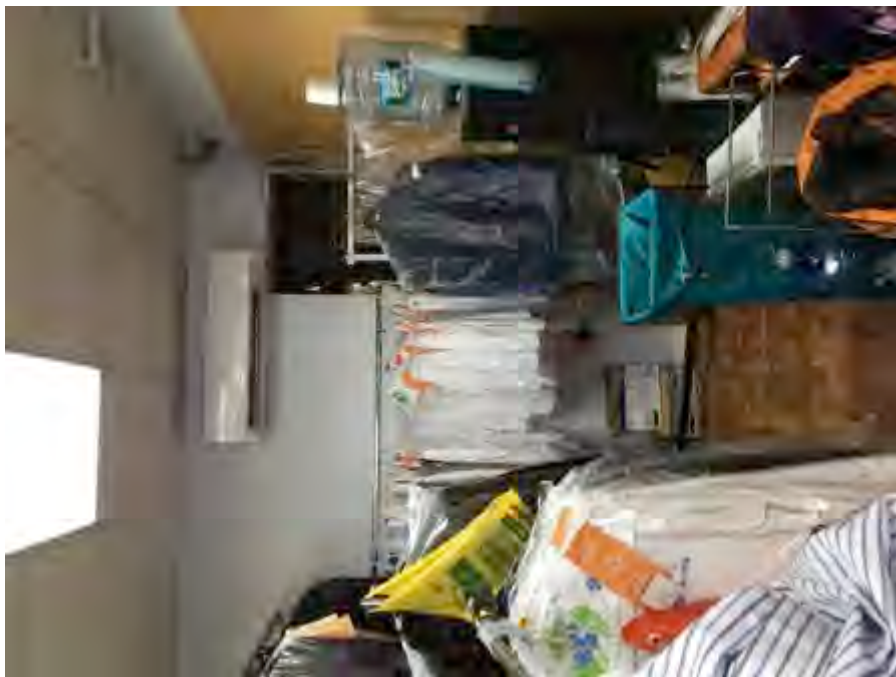


The interior of Main Optical.





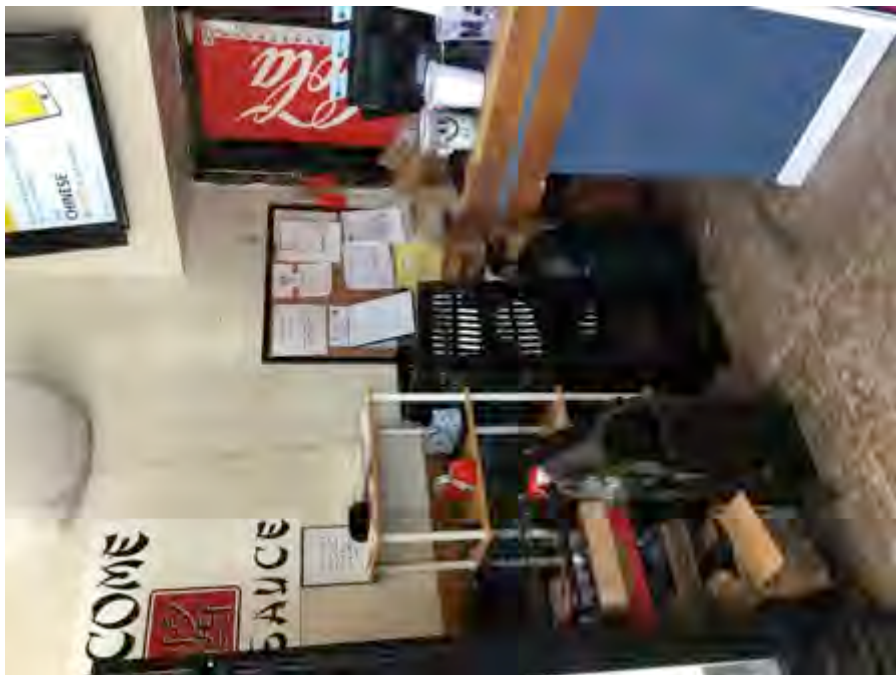
The interior of Naomi's Kosher Pizza.



The interior of On-The-Marc Dry Cleaners.



The interior of Amalia Grocery.



The interior of Soysauce Glatt Kosher Chinese Take-out.



The interior of Seasons Supermarket.



The heating equipment at the property.





A hot water tank at the property.



A floor drain at the property.



The 55-gallon drum at the property.



The trash compactor at the property.



The property to the north.



The property to the south.





The property to the east.



The property to the west.

#### **17.4 Historical Research Documentation**



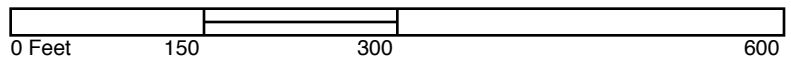
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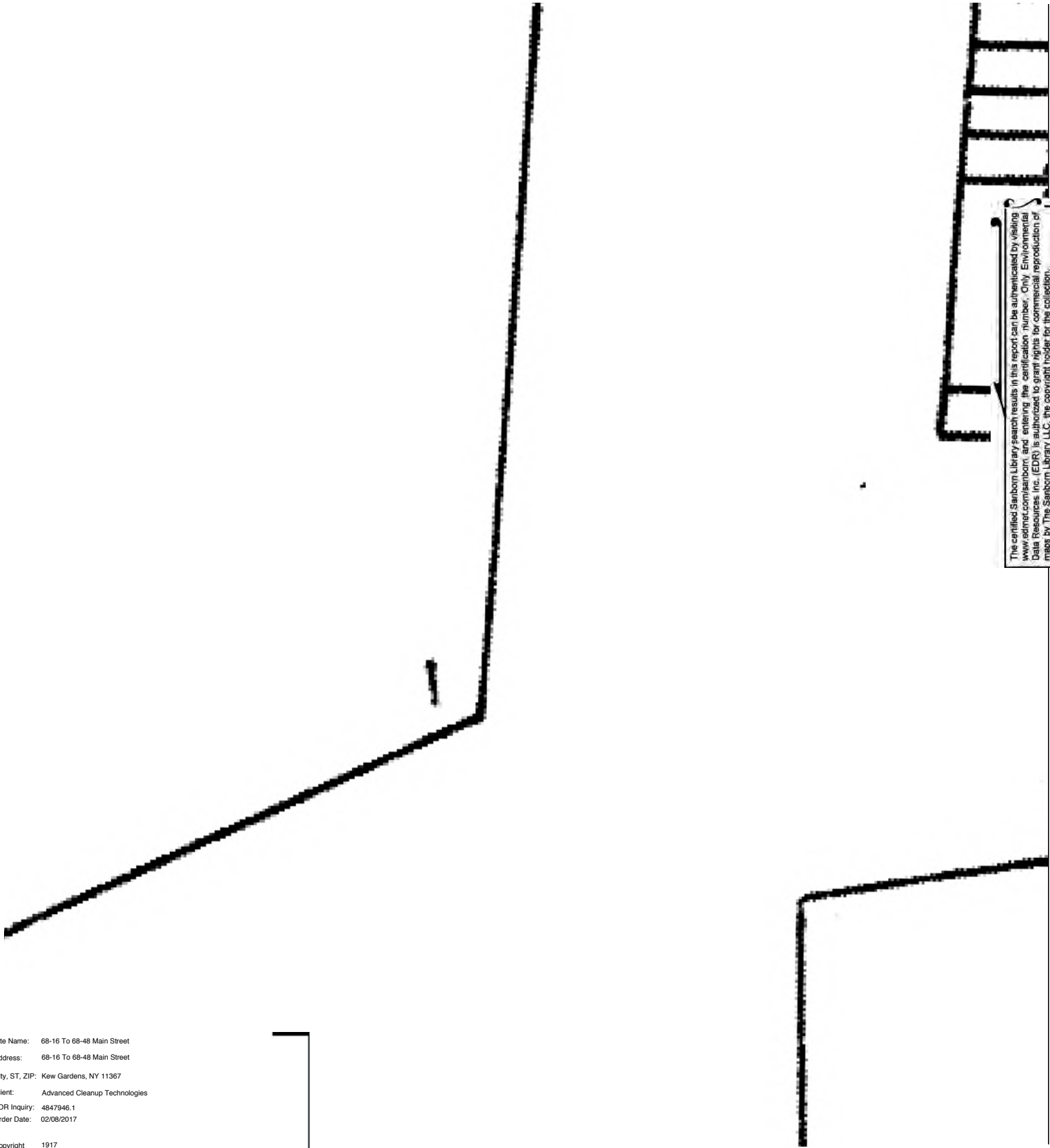
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Address: 68-16 To 68-48 Main Street  
City, ST, ZIP: Kew Gardens, NY 11367  
Client: Advanced Cleanup Technologies  
EDR Inquiry: 4847946.1  
Order Date: 02/08/2017

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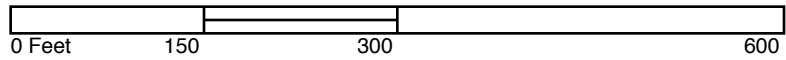


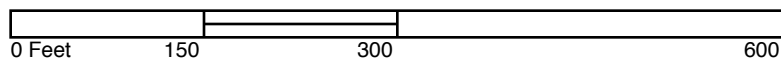
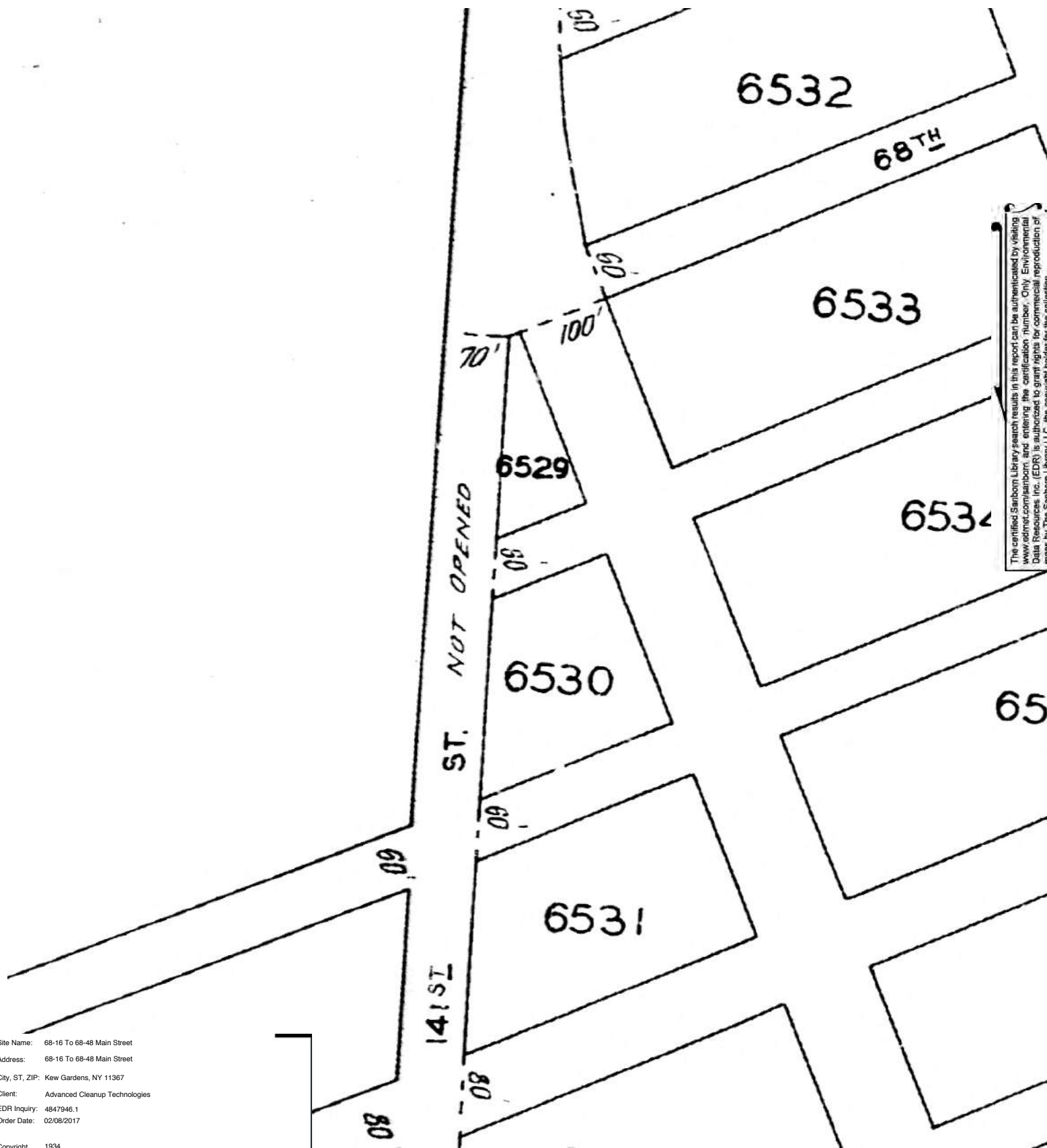


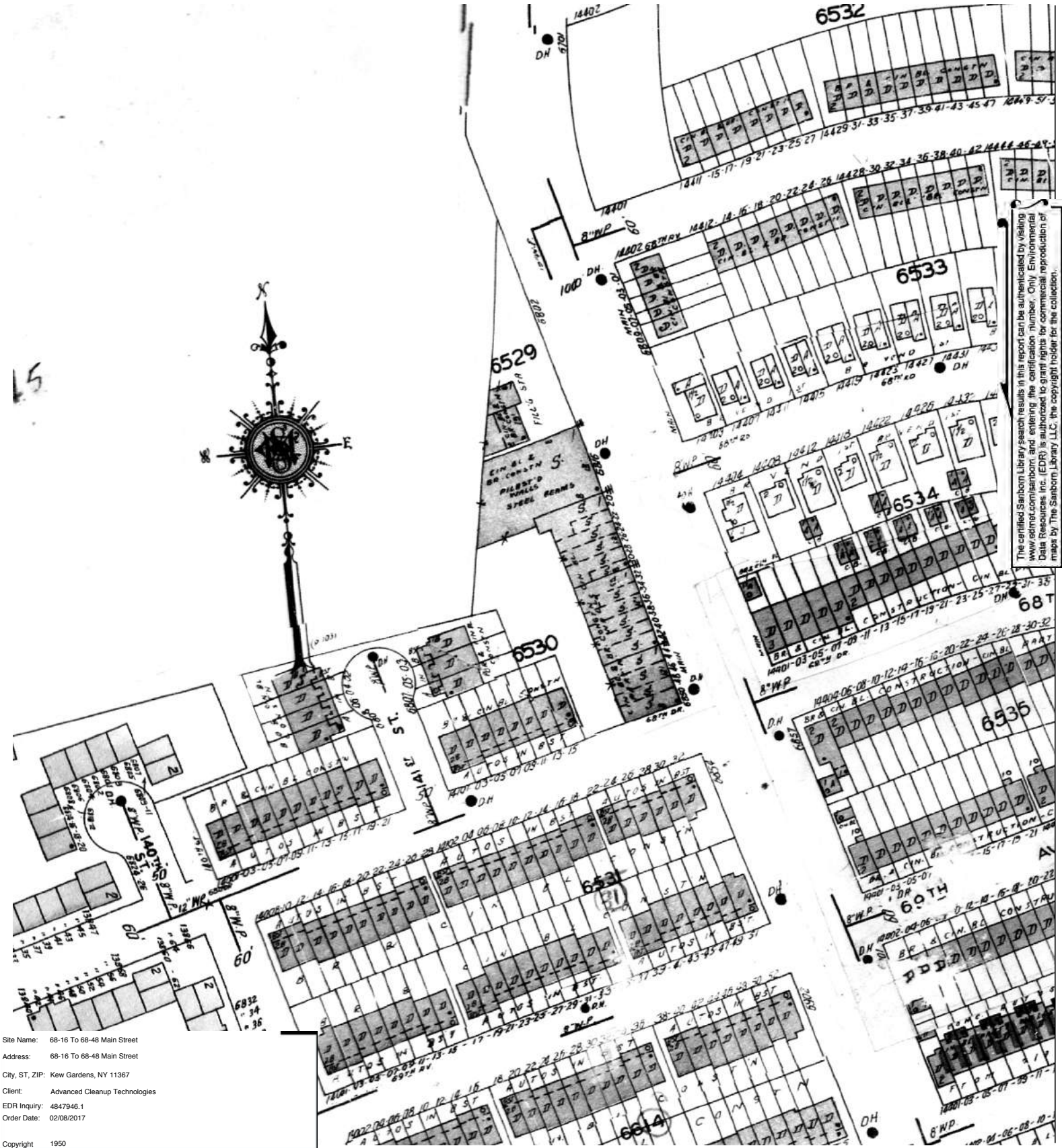
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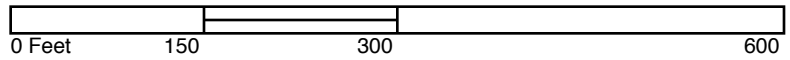




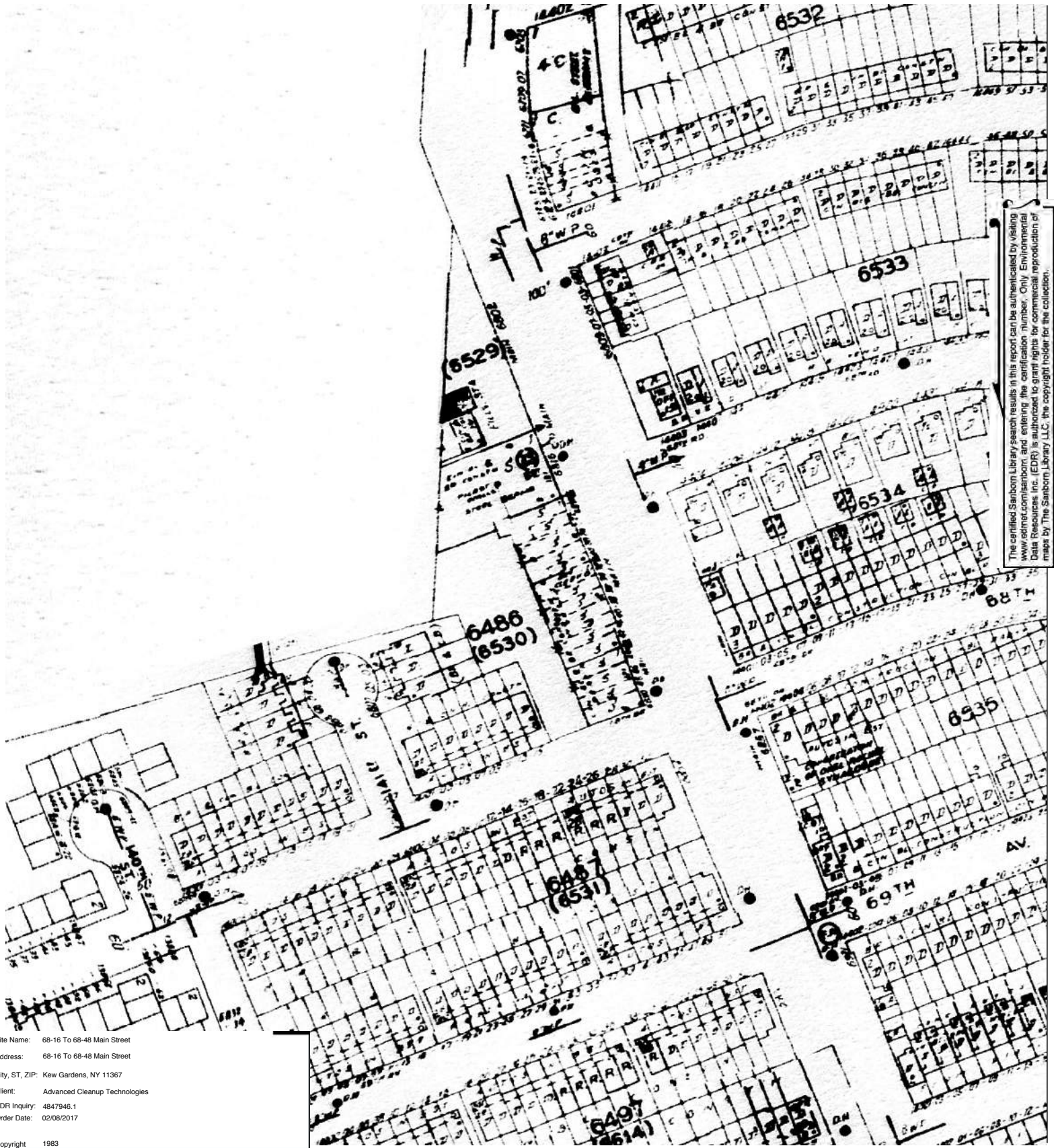
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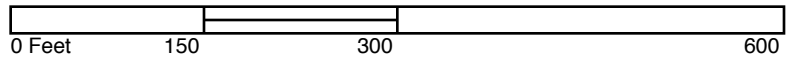




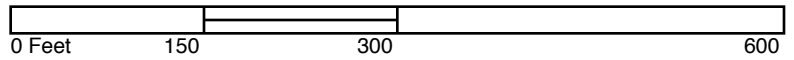
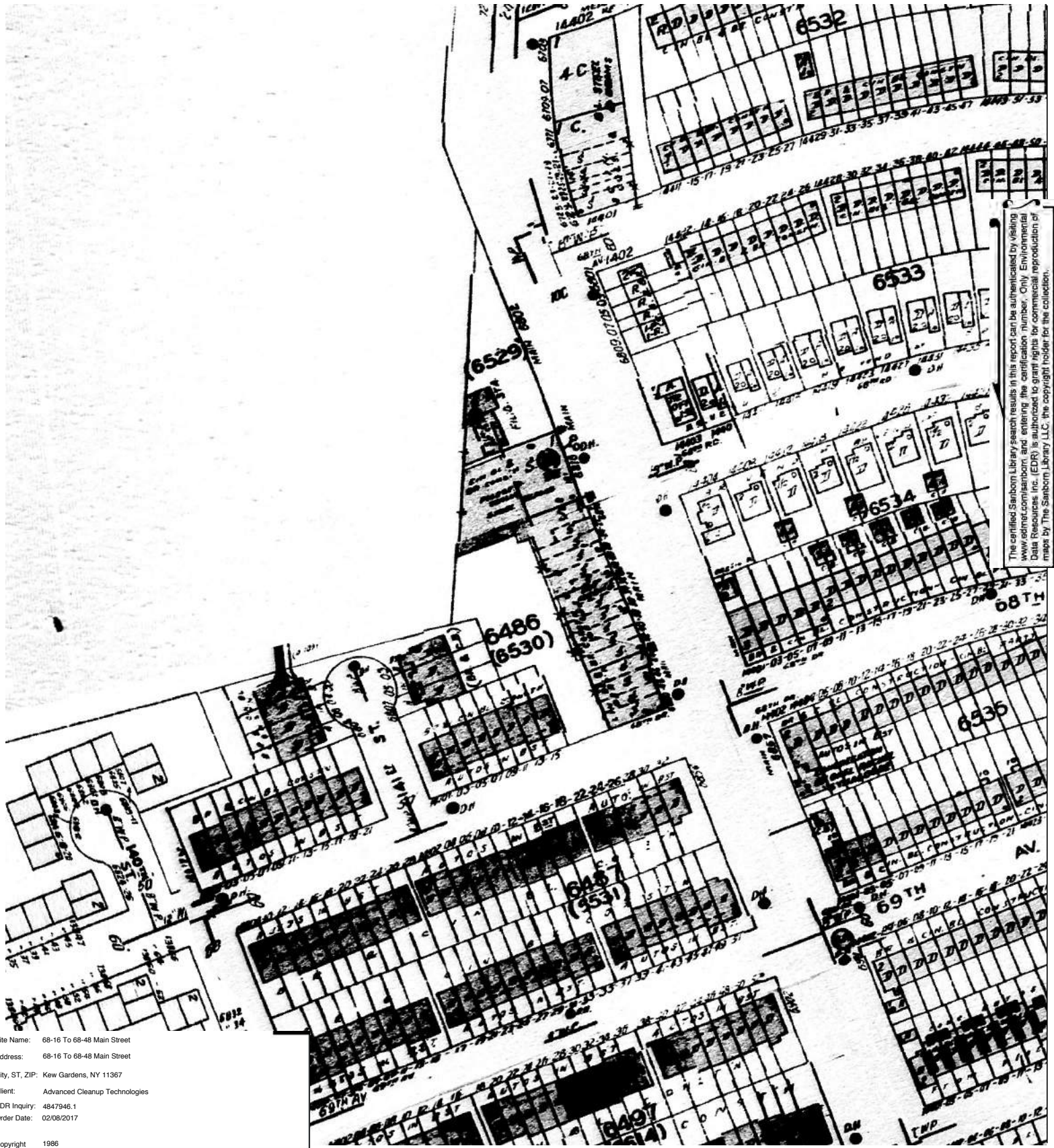


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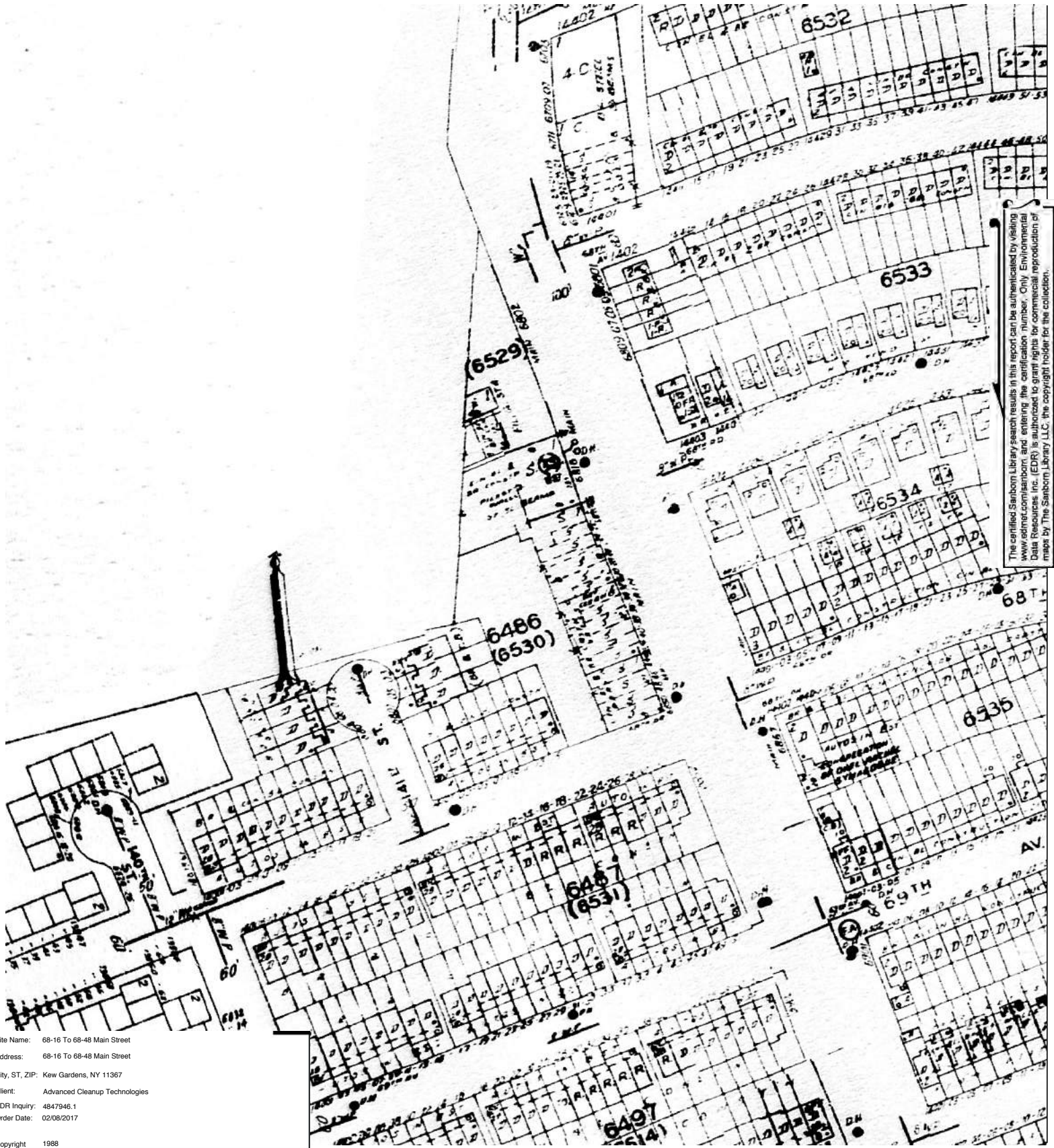
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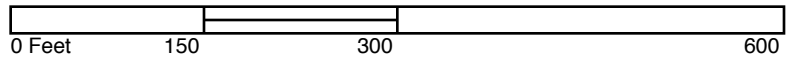




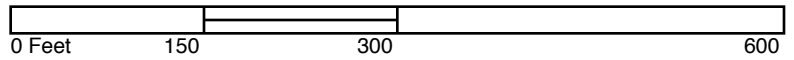
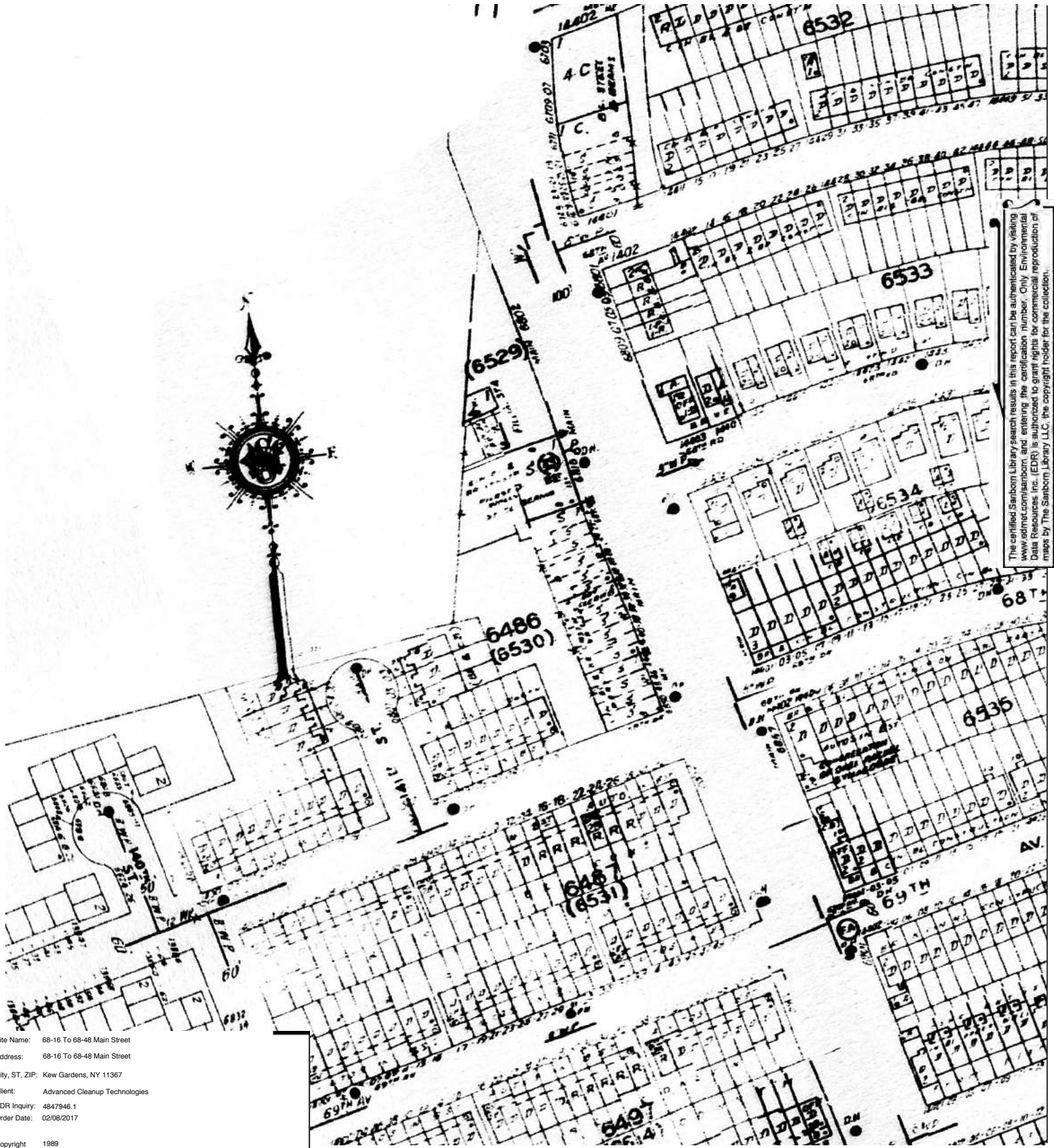


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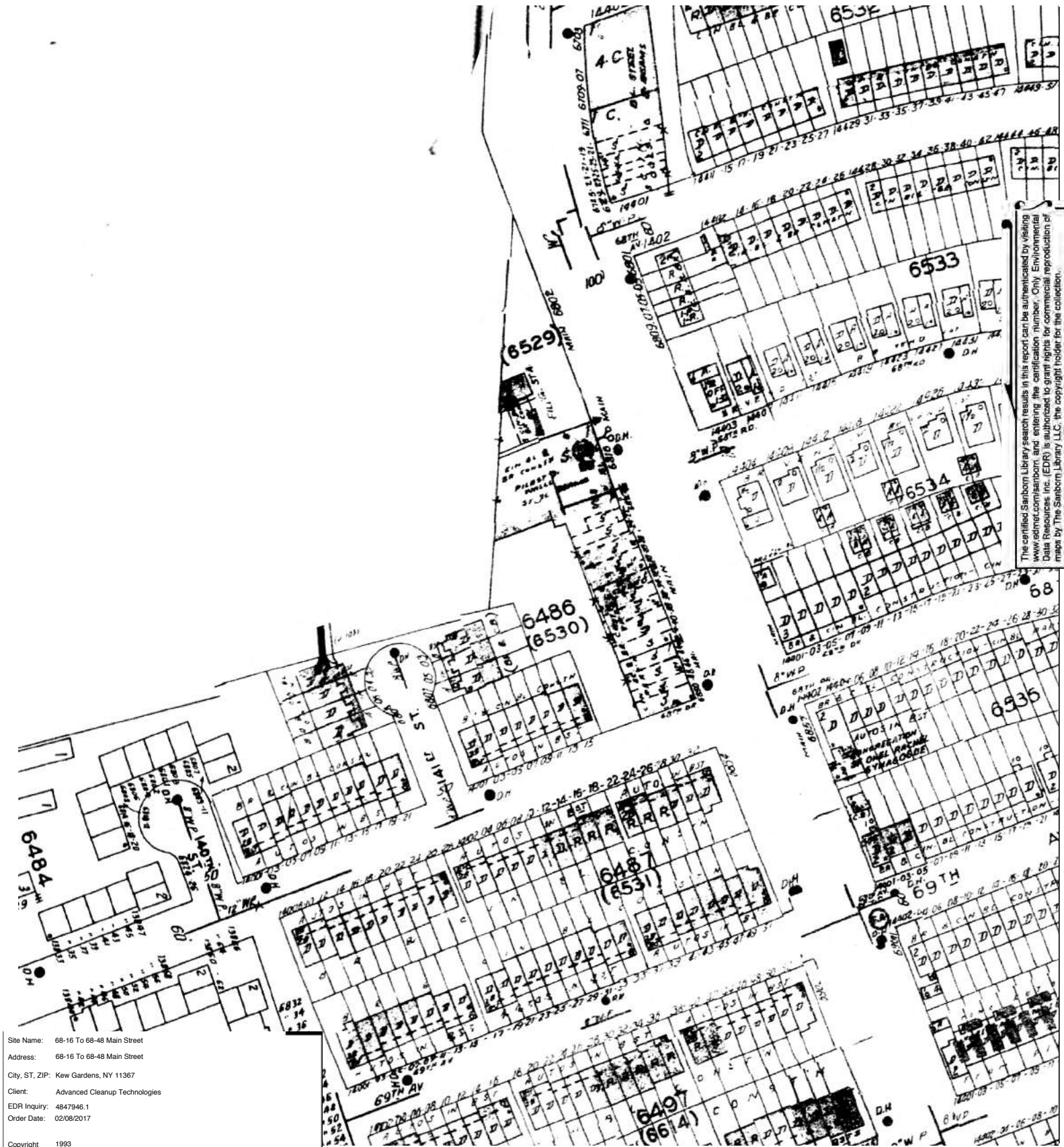
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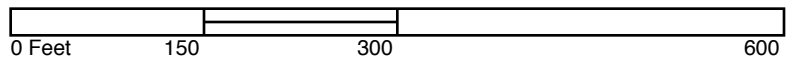




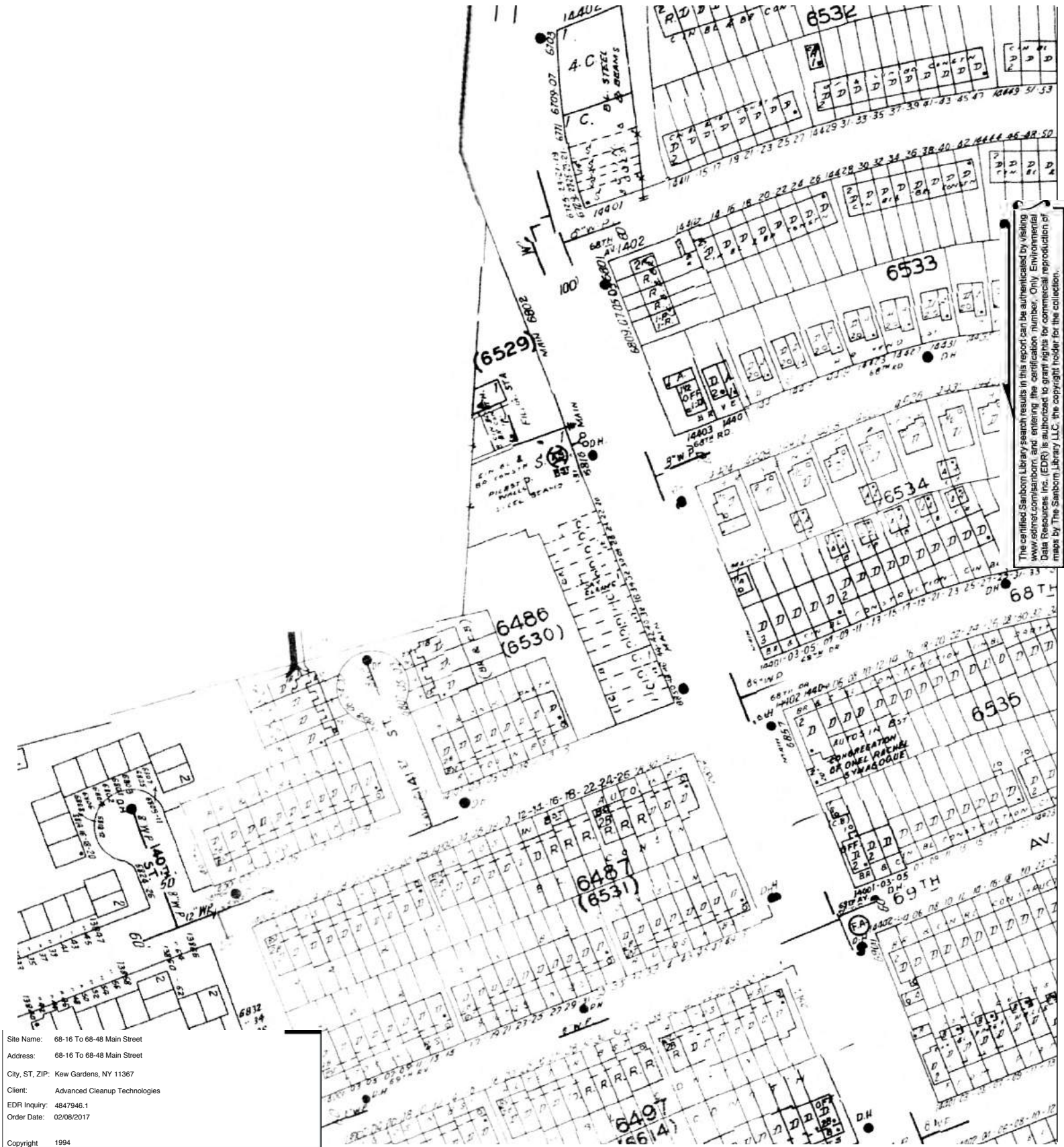


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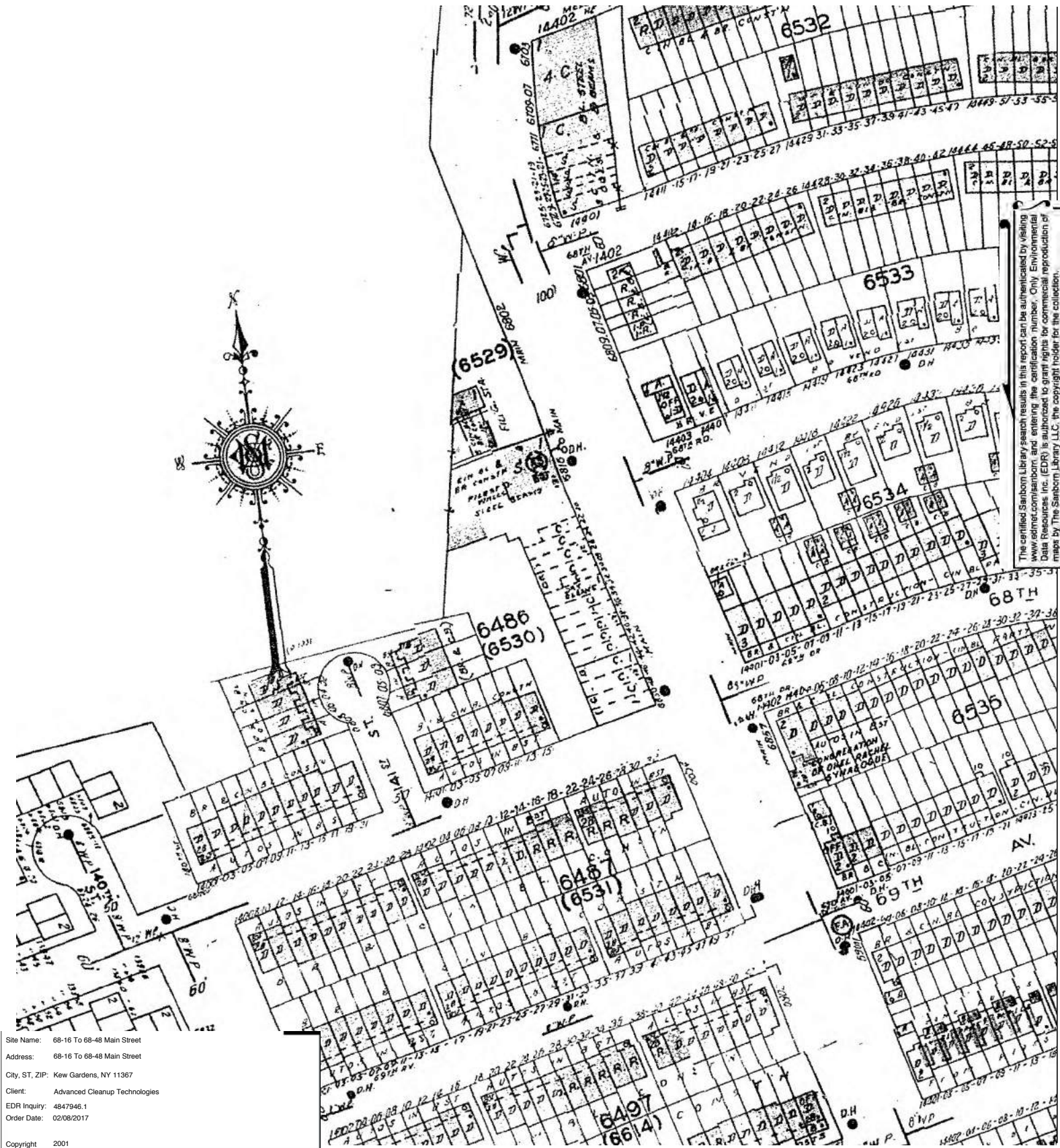




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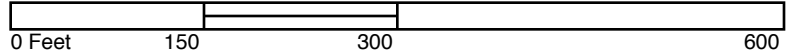


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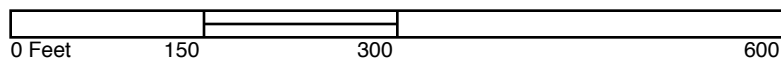


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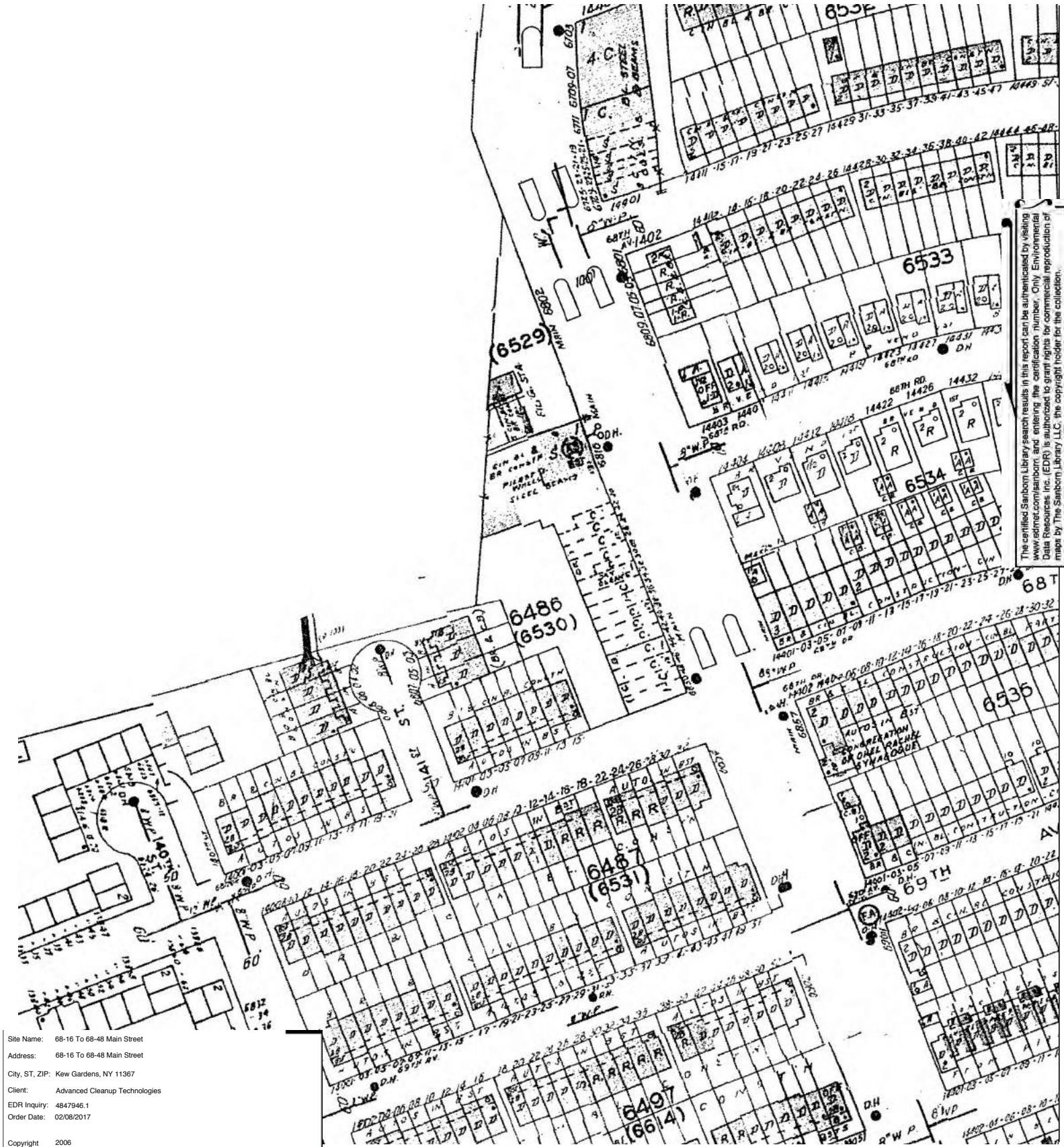






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## ***City Directory Target Property Address***

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***Target Property:***

68-16 Main St,  
Flushing, NY 11367

***Prepared For:***

Advanced Cleanup Technologies

Order #: 81141

Project #: 9233-KGNY

***Date: 2/13/2017***

## City Directory Target Property Address

68-16 Main St, Flushing, NY 11367

### 6816 MAIN ST

2016	ADDRESS NOT LISTED	INFOUSA	NORTH EAST
2011	ADDRESS NOT LISTED	INFOUSA	NORTH EAST
2006	ADDRESS NOT LISTED	COLE DIRECTORY	QUEENS AND VICINITY
2002	ADDRESS NOT LISTED	COLE DIRECTORY	QUEENS AND VICINITY

### 68-16 MAIN ST

1995	ADDRESS NOT LISTED	COLE DIRECTORY	QUEENS
1990	ADDRESS NOT LISTED	COLE DIRECTORY	QUEENS
1985	ADDRESS NOT LISTED	COLE DIRECTORY	QUEENS
1980	WALDBAUMS SUPERMKT	COLE DIRECTORY	QUEENS
1975	WALDBAUM INC	COLE DIRECTORY	QUEENS
1971	WALDBAUM INC	COLE DIRECTORY	QUEENS
1967	WALDBAUM INC [SUPERMARKTS BRANCHES CALL]	NEW YORK TELEPHONE COMPANY	QUEENS
1962	WALDBAUM INC [SUPRMARKTS]	NEW YORK TELEPHONE COMPANY	QUEENS
1962	WALDBAUM STORES INC	NEW YORK TELEPHONE COMPANY	QUEENS
1948	ADDRESS NOT LISTED	NEW YORK TELEPHONE COMPANY	QUEENS
1941	ADDRESS NOT LISTED	NEW YORK TELEPHONE COMPANY	QUEENS
1937	RANGE NOT LISTED	NEW YORK TELEPHONE COMPANY	QUEENS

### 60-19 MAIN ST

1941	FAIR DINER THE	NEW YORK TELEPHONE COMPANY	QUEENS
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### 60-20 MAIN ST

1941	U S WORKS PROGRESS ADMIN	NEW YORK TELEPHONE COMPANY	QUEENS
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**City Directory Target Property Address****68-16 Main St, Flushing, NY 11367****68-09 MAIN ST**

1962	ORTHOPTIC PRODS	NEW YORK TELEPHONE COMPANY	QUEENS
1962	ROSEN CARL [OPTMTRST OFC]	NEW YORK TELEPHONE COMPANY	QUEENS

**6812 MAIN ST**

2002	JOZEFA KUTYLA	COLE DIRECTORY	QUEENS AND VICINITY
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**6815 MAIN ST**

2016	COMPREHENSIVE ORTHOPEDIC	INFOUSA	NORTH EAST
2016	NOTRICA JACK	INFOUSA	NORTH EAST
2016	OBERLANDER SARAH	INFOUSA	NORTH EAST
2016	WEINSTEIN STEVEN	INFOUSA	NORTH EAST
2016	WEINSTEIN STEVEN S MD	INFOUSA	NORTH EAST
2011	PARNOSA HOTEL INC	INFOUSA	NORTH EAST
2011	WEINSTEIN STEVEN S MD	INFOUSA	NORTH EAST
2006	DVORA WEINSTEIN	COLE DIRECTORY	QUEENS AND VICINITY
2006	DR STEVEN S WEINSTEIN	COLE DIRECTORY	QUEENS AND VICINITY
2002	HARVEY SIEGLER	COLE DIRECTORY	QUEENS AND VICINITY
2002	MEDICAL WGHT LOSS	COLE DIRECTORY	QUEENS AND VICINITY
2002	PARNIOSA HOTEL	COLE DIRECTORY	QUEENS AND VICINITY
2002	WEINSTEIN S S MD	COLE DIRECTORY	QUEENS AND VICINITY

**68-15 MAIN ST**

1995	AMRCN FRNDS NEVE	COLE DIRECTORY	QUEENS
1995	SOMERSTEIN ASSOCS	COLE DIRECTORY	QUEENS
1995	SOMERSTEIN&LEVINE	COLE DIRECTORY	QUEENS
1990	AMER FRIENDS SVCE	COLE DIRECTORY	QUEENS
1990	SONERSTEIN ASSOCS	COLE DIRECTORY	QUEENS
1985	NO CURRENT LISTING	COLE DIRECTORY	QUEENS
1980	NO CURRENT LISTING	COLE DIRECTORY	QUEENS

**City Directory Target Property Address****68-16 Main St, Flushing, NY 11367**

1975	NO CURRENT LISTING	COLE DIRECTORY	QUEENS
1971	J L LUBIN	COLE DIRECTORY	QUEENS
1967	LUBIN J L	NEW YORK TELEPHONE COMPANY	QUEENS
1967	SMITH IDA	NEW YORK TELEPHONE COMPANY	QUEENS
1948	GOLDEN CONST CORP	NEW YORK TELEPHONE COMPANY	QUEENS

**6818 MAIN ST**

2016	BLUE & GOLD EQUITIES	INFOUSA	NORTH EAST
2006	SUPERSOL OF QUEENS INC	COLE DIRECTORY	QUEENS AND VICINITY
2002	L GERBER	COLE DIRECTORY	QUEENS AND VICINITY
2002	SUPERSOL QNS INC	COLE DIRECTORY	QUEENS AND VICINITY

**68-20 MAIN ST**

1995	MET FOOD	COLE DIRECTORY	QUEENS
1990	MET FOOD	COLE DIRECTORY	QUEENS
1985	MET SUPERMARKET	COLE DIRECTORY	QUEENS

**6822 MAIN ST**

2016	CHING HING HOUSE	INFOUSA	NORTH EAST
2011	CHING HING HOUSE	INFOUSA	NORTH EAST
2006	NEW CHING HING HOUSE	COLE DIRECTORY	QUEENS AND VICINITY
2002	CHING HING HOUSE	COLE DIRECTORY	QUEENS AND VICINITY

**68-22 MAIN ST**

1995	CHING HING HOUSE	COLE DIRECTORY	QUEENS
1990	CHOI FISH MKT	COLE DIRECTORY	QUEENS
1985	ARROWBROOK FSH MKT	COLE DIRECTORY	QUEENS
1985	MAIN ST FISH MKT	COLE DIRECTORY	QUEENS
1980	ARROWBROOK FSH MKT	COLE DIRECTORY	QUEENS
1980	MAIN ST FISH MKT	COLE DIRECTORY	QUEENS
1975	ARROWBROOK FSH MKT	COLE DIRECTORY	QUEENS



**City Directory Target Property Address****68-16 Main St, Flushing, NY 11367**

1971	ARROWBROOK FSH MKT	COLE DIRECTORY	QUEENS
1967	ARROWBROOK SEA FOOD MKT INC	NEW YORK TELEPHONE COMPANY	QUEENS
1962	ARROWBROOK SEA FOOD MKT INC	NEW YORK TELEPHONE COMPANY	QUEENS

**6824 MAIN ST**

2016	AMALYA GROCERY	INFOUSA	NORTH EAST
2011	AMALYA GROCERY	INFOUSA	NORTH EAST
2002	AMALYA GROCERY	COLE DIRECTORY	QUEENS AND VICINITY

**68-24 MAIN ST**

1995	PICANTY	COLE DIRECTORY	QUEENS
1990	PICANTY	COLE DIRECTORY	QUEENS
1985	LORI KOSHER MEATS	COLE DIRECTORY	QUEENS
1980	F&M KOSHER MEATS	COLE DIRECTORY	QUEENS
1975	B&B LOCKSMITH	COLE DIRECTORY	QUEENS
1971	ARROWBROOK MT MRKT	COLE DIRECTORY	QUEENS
1967	ARROWBROOK KOSHER MEAT&PAULTY MKT	NEW YORK TELEPHONE COMPANY	QUEENS
1962	ARROWBROOK KOSHER MEAT&POULTRY	NEW YORK TELEPHONE COMPANY	QUEENS

**6826 MAIN ST**

2016	ON-THE-MARC DRY CLEANERS	INFOUSA	NORTH EAST	
2016	SURE RESPONSE LOCKOUT & KEYS	1RE	INFOUSA	NORTH EAST
2011	POZA	INFOUSA	NORTH EAST	
2011	POZI LI	INFOUSA	NORTH EAST	
2006	MOSES BARBERSHOP	COLE DIRECTORY	QUEENS AND VICINITY	
2006	TAMARAS SHOE REPAIR	COLE DIRECTORY	QUEENS AND VICINITY	
2002	TAMARAS SHOE RPR	COLE DIRECTORY	QUEENS AND VICINITY	

**68-26 MAIN ST**

1995	GENTLEMANS SHE RPR	COLE DIRECTORY	QUEENS
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**City Directory Target Property Address****68-16 Main St, Flushing, NY 11367**

1990	CHOI SHOE REPR	COLE DIRECTORY	QUEENS
1985	CHOY SHOE REPAIR	COLE DIRECTORY	QUEENS
1980	T SOTIRIOS SHOES	COLE DIRECTORY	QUEENS
1975	G KARETSO SHOES	COLE DIRECTORY	QUEENS
1971	S SCARTADOS SHOES	COLE DIRECTORY	QUEENS
1967	SCARTADOS STEVE	NEW YORK TELEPHONE COMPANY	QUEENS
1962	SCARTADOS STEVE [SHOES]	NEW YORK TELEPHONE COMPANY	QUEENS

**6828 MAIN ST**

2016	NAOMI'S KOSHER PIZZA	INFOUSA	NORTH EAST
2011	NAOMI'S KOSHER PIZZA & ISRAEL	INFOUSA	NORTH EAST
2006	MANNA KOSHER PIZZA INC	COLE DIRECTORY	QUEENS AND VICINITY
2002	NAOMIS PIZZA&ISRL	COLE DIRECTORY	QUEENS AND VICINITY

**68-28 MAIN ST**

1995	NAOMIS KOSHER PZA	COLE DIRECTORY	QUEENS
1990	NAOMIS KOSHER PZZA	COLE DIRECTORY	QUEENS
1985	NAOMIS KOSHER PZZA	COLE DIRECTORY	QUEENS
1980	NAOMIS KOSHER PZA	COLE DIRECTORY	QUEENS
1975	LEVYS KOSHER PIZZA	COLE DIRECTORY	QUEENS
1971	LEVYS KOSHER PIZZA	COLE DIRECTORY	QUEENS
1967	COOKIE BAR BAKE SHOP	NEW YORK TELEPHONE COMPANY	QUEENS
1962	COOKIE BAR BAKE SHOP	NEW YORK TELEPHONE COMPANY	QUEENS

**6829 MAIN ST**

2016	JEWISH HERITAGE CTR OF QUEENS	INFOUSA	NORTH EAST
2011	JEWISH HERITAGE CTR OF QUEENS	INFOUSA	NORTH EAST
2006	JEWISH HERITAGE CENTER	COLE DIRECTORY	QUEENS AND VICINITY
2002	JEWISH HRTG QNS&L	COLE DIRECTORY	QUEENS AND VICINITY

**City Directory Target Property Address****68-16 Main St, Flushing, NY 11367**

2002	JEWISH HRTG QNS&L	COLE DIRECTORY	QUEENS AND VICINITY
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**6830 MAIN ST**

2011	SIFRUTAKE	INFOUSA	NORTH EAST
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**68-30 MAIN ST**

1995	WINGS LAUNDRY	COLE DIRECTORY	QUEENS
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1990	WINGS LAUNDRY	COLE DIRECTORY	QUEENS
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1985	WINGS LAUNDRY	COLE DIRECTORY	QUEENS
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1980	WINGS LAUNDRY	COLE DIRECTORY	QUEENS
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1975	WINGS LAUNDRY	COLE DIRECTORY	QUEENS
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1971	WINGS LAUNDRY	COLE DIRECTORY	QUEENS
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1967	WINGS LAUNDRY	NEW YORK TELEPHONE COMPANY	QUEENS
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1962	WINGS LAUNDRY	NEW YORK TELEPHONE COMPANY	QUEENS
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**6832 MAIN ST**

2011	LEE FAMILY CLEANERS CORP	INFOUSA	NORTH EAST
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2006	ENCORE CLEANERS	COLE DIRECTORY	QUEENS AND VICINITY
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2002	ENCORE FLUSHING	COLE DIRECTORY	QUEENS AND VICINITY
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**68-32 MAIN ST**

1995	ENCORE FISHNG CLNR	COLE DIRECTORY	QUEENS
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1990	ENCORE CLEANERS	COLE DIRECTORY	QUEENS
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1985	ENCORE CLEANERS	COLE DIRECTORY	QUEENS
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1980	ENCORE CLEANERS	COLE DIRECTORY	QUEENS
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1975	ENCORE CLEANERS	COLE DIRECTORY	QUEENS
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1971	ENCORE CLEANERS	COLE DIRECTORY	QUEENS
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1967	LECORE CLEANERS INC	NEW YORK TELEPHONE COMPANY	QUEENS
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1962	ENCORE CLEANERS INC	NEW YORK TELEPHONE COMPANY	QUEENS
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**6834 MAIN ST**

2016	G & I KOSHER BAKERIES	INFOUSA	NORTH EAST
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**City Directory Target Property Address****68-16 Main St, Flushing, NY 11367**

2011	COFFEE BEANERY	INFOUSA	NORTH EAST
2006	COLBEH RESTAURANT	COLE DIRECTORY	QUEENS AND VICINITY
2002	COLBEH RESTAURANT	COLE DIRECTORY	QUEENS AND VICINITY

**68-34 MAIN ST**

1990	NICK&JOES BARBER	COLE DIRECTORY	QUEENS
1985	NICK&JOES BARBER	COLE DIRECTORY	QUEENS
1980	NICK&JOES BARBER	COLE DIRECTORY	QUEENS
1975	NICK&JOES BRBR SHP	COLE DIRECTORY	QUEENS
1971	NICK&JOES BRBR SHP	COLE DIRECTORY	QUEENS
1967	NICK&JOE BARBER SHOP	NEW YORK TELEPHONE COMPANY	QUEENS
1962	ALBERT BARBER SHOP	NEW YORK TELEPHONE COMPANY	QUEENS

**6836 MAIN ST**

2006	NO CURRENT LISTING	COLE DIRECTORY	QUEENS AND VICINITY
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**68-36 MAIN ST**

1995	HATZMERET RESTRNT	COLE DIRECTORY	QUEENS
1990	HATZMERET RESTRNT	COLE DIRECTORY	QUEENS
1985	TOWN RADIO&TV	COLE DIRECTORY	QUEENS
1985	TOWN RADIO&TV	COLE DIRECTORY	QUEENS
1980	TOWN RADIO&TV	COLE DIRECTORY	QUEENS
1980	TOWN RADIO&TV	COLE DIRECTORY	QUEENS
1975	TOWN RADIO&TV	COLE DIRECTORY	QUEENS
1975	TOWN RADIO&TV	COLE DIRECTORY	QUEENS
1971	TOWN RADIO&TV	COLE DIRECTORY	QUEENS
1971	TOWN RADIO&TV	COLE DIRECTORY	QUEENS
1967	TERRY'S BUSTER BROWN SHOES	NEW YORK TELEPHONE COMPANY	QUEENS
1962	BUSTER BROWN OF KEW GARDENS HILLS	NEW YORK TELEPHONE COMPANY	QUEENS

**City Directory Target Property Address****68-16 Main St, Flushing, NY 11367**

1962	TERRY'S BUSTER BROWN SHOES	NEW YORK TELEPHONE COMPANY	QUEENS
<u>68-36A MAIN ST</u>			
1948	BRACKMAN ALEXNDR [CHILDRNS WEAR]	NEW YORK TELEPHONE COMPANY	QUEENS
1948	X [69TH AV INTS]	NEW YORK TELEPHONE COMPANY	QUEENS
<u>6838 MAIN ST</u>			
2016	QUEENS PITA	INFOUSA	NORTH EAST
2011	QUEENS PITA	INFOUSA	NORTH EAST
2006	QUEENS PITA INC	COLE DIRECTORY	QUEENS AND VICINITY
2002	QUEENS PITA	COLE DIRECTORY	QUEENS AND VICINITY
<u>68-38 MAIN ST</u>			
1995	QUEENS PITA	COLE DIRECTORY	QUEENS
1990	CHARMOND HAIRDRSR	COLE DIRECTORY	QUEENS
1990	CHARMOND ANNEX INC	COLE DIRECTORY	QUEENS
1985	CHARMOND HAIRDRSR	COLE DIRECTORY	QUEENS
1985	CHARMOND ANNEX INC	COLE DIRECTORY	QUEENS
1980	CHARMOND HAIRDRSR	COLE DIRECTORY	QUEENS
1980	CHARMOND ANNEX INC	COLE DIRECTORY	QUEENS
1975	CHARMOND HAIRDRSR	COLE DIRECTORY	QUEENS
1975	CHARMOND ANNEX INC	COLE DIRECTORY	QUEENS
1971	CHARMOND HAIRDRSR	COLE DIRECTORY	QUEENS
1971	CHARMOND ANNEX INC	COLE DIRECTORY	QUEENS
1967	CHARMOND [HAIRDRSR]	NEW YORK TELEPHONE COMPANY	QUEENS
1967	CHARMOND ANNEX INC [BTY SLN]	NEW YORK TELEPHONE COMPANY	QUEENS
1962	CHARMOND [HAIRDRSR]	NEW YORK TELEPHONE COMPANY	QUEENS

**City Directory Target Property Address****68-16 Main St, Flushing, NY 11367****6840 MAIN ST**

2016	MAZAL SALON & SPA	INFOUSA	NORTH EAST
2016	YOU SPA	INFOUSA	NORTH EAST
2011	YOU SPA	INFOUSA	NORTH EAST
2002	SERENITY SPA INC	COLE DIRECTORY	QUEENS AND VICINITY

**68-40 MAIN ST**

1995	LOVE U INC	COLE DIRECTORY	QUEENS
1990	MAIN GALLERY	COLE DIRECTORY	QUEENS
1985	SHEARS STATIONERY	COLE DIRECTORY	QUEENS
1980	SHEARS STATIONERY	COLE DIRECTORY	QUEENS
1975	SHEARS STATIONERY	COLE DIRECTORY	QUEENS
1971	SHEARS STATIONERY	COLE DIRECTORY	QUEENS
1967	SHEAR'S STATNRY	NEW YORK TELEPHONE COMPANY	QUEENS
1962	SHEAR'S STATNRY	NEW YORK TELEPHONE COMPANY	QUEENS

**6842 MAIN ST**

2016	A & P LOCKSMITH	INFOUSA	NORTH EAST
2016	AARON'S LOCK & KEY	INFOUSA	NORTH EAST
2016	TOWNE PAINT & HARDWARE	INFOUSA	NORTH EAST
2011	TOWNE PAINT	INFOUSA	NORTH EAST
2006	TOWNE & PAINT HARDWARE CORP	COLE DIRECTORY	QUEENS AND VICINITY
2002	CTYWD PAINT&HDWR	COLE DIRECTORY	QUEENS AND VICINITY

**68-42 MAIN ST**

1990	PINCUS HARDWARE	COLE DIRECTORY	QUEENS
1985	PINCUS HARDWARE	COLE DIRECTORY	QUEENS
1980	PINCUS HARDWARE	COLE DIRECTORY	QUEENS
1975	PINCUS HARDWARE	COLE DIRECTORY	QUEENS
1971	ARROWHEAD HARDWARE	COLE DIRECTORY	QUEENS
1967	ARROWHEAD HRDWR&HSEWR INC	NEW YORK TELEPHONE COMPANY	QUEENS

**City Directory Target Property Address****68-16 Main St, Flushing, NY 11367**

1962	ARROWHEAD HRDWR&HSEWR INC	NEW YORK TELEPHONE COMPANY	QUEENS
<u>6844 MAIN ST</u>			
2002	HANDS-ON PEDTRC	COLE DIRECTORY	QUEENS AND VICINITY
<u>68-44 MAIN ST</u>			
1990	FUNKY T-SHIRTS	COLE DIRECTORY	QUEENS
1985	FUNKY T-SHIRTS	COLE DIRECTORY	QUEENS
1980	SY-DELLE FASHIONS INC	COLE DIRECTORY	QUEENS
1975	SY-DELLE FASHIONS	COLE DIRECTORY	QUEENS
1971	SY DELLE FAHSIONS	COLE DIRECTORY	QUEENS
1967	SY-DELLE FASHIONS	NEW YORK TELEPHONE COMPANY	QUEENS
1962	SY-DELLE FASHIONS	NEW YORK TELEPHONE COMPANY	QUEENS
<u>6845 MAIN ST</u>			
2016	DIGESTIVE DISEASE CARE	INFOUSA	NORTH EAST
2016	KING MELISSA MD	INFOUSA	NORTH EAST
2016	PREETI MEHTA MD	INFOUSA	NORTH EAST
2016	SAYEDY LEENA MD	INFOUSA	NORTH EAST
<u>68-46 MAIN ST</u>			
1985	MAIN ST COFFEE SHP	COLE DIRECTORY	QUEENS
1971	LEF-GOR RESTRNT	COLE DIRECTORY	QUEENS
1967	J&L STATIONERY INC	NEW YORK TELEPHONE COMPANY	QUEENS
1967	J&L STATNRY&LUNCHNET	NEW YORK TELEPHONE COMPANY	QUEENS
1962	J&L STATNRY&LUNCHNET	NEW YORK TELEPHONE COMPANY	QUEENS
<u>68-48 MAIN ST</u>			
1975	MAIN CONTNNTL INC	COLE DIRECTORY	QUEENS
1971	MAIN CONTNNTL INC	COLE DIRECTORY	QUEENS



**City Directory Target Property Address****68-16 Main St, Flushing, NY 11367**

1967	CONTINENTL STUDIOS [PHTOGPHRS]	NEW YORK TELEPHONE COMPANY	QUEENS
1967	MAIN CONTINENTAL INC THE	NEW YORK TELEPHONE COMPANY	QUEENS
1962	GUYS N' DOLLS	NEW YORK TELEPHONE COMPANY	QUEENS

**6850 MAIN ST**

2016	S & M PHARMACY INC	INFOUSA	NORTH EAST
2011	FLAVORSPRAY DIET	INFOUSA	NORTH EAST
2011	S & M PHARMACY INC	INFOUSA	NORTH EAST
2006	S & M PHARMACY	COLE DIRECTORY	QUEENS AND VICINITY
2006	TASTY MEDS INC	COLE DIRECTORY	QUEENS AND VICINITY
2002	S & M PHARMACY INC	COLE DIRECTORY	QUEENS AND VICINITY

**68-50 MAIN ST**

1995	S&M PHARMACY INC	COLE DIRECTORY	QUEENS
1995	X [14401 68TH DR INTS]	COLE DIRECTORY	QUEENS
1990	S&M PHARMACY INC	COLE DIRECTORY	QUEENS
1990	X [14401 68TH DR INTS]	COLE DIRECTORY	QUEENS
1985	S&M PHARMACY INC	COLE DIRECTORY	QUEENS
1985	X [14401 68TH DR INTS]	COLE DIRECTORY	QUEENS
1980	S&M PHARMACY INC	COLE DIRECTORY	QUEENS
1980	X [14401 68TH DR INTS]	COLE DIRECTORY	QUEENS
1975	S&M PHARMACY INC	COLE DIRECTORY	QUEENS
1975	X [14401 68TH DR INTS]	COLE DIRECTORY	QUEENS
1971	S&M PHARMACY INC	COLE DIRECTORY	QUEENS
1971	X [14401 68TH AV INTS]	COLE DIRECTORY	QUEENS
1967	GOLDEN PHARMACY [PRESCRPTN DEPT]	NEW YORK TELEPHONE COMPANY	QUEENS
1967	X [68TH DR INTS]	NEW YORK TELEPHONE COMPANY	QUEENS

**City Directory Target Property Address****68-16 Main St, Flushing, NY 11367**

1962	GOLDEN PHARMACY [PRESCRPTN DEPT]	NEW YORK TELEPHONE COMPANY	QUEENS
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**68-54 MAIN ST**

1995	DR ALAN M BROOKS	COLE DIRECTORY	QUEENS
1995	DR B G BROOKS	COLE DIRECTORY	QUEENS
1995	JEWISH HERTGE CNTR	COLE DIRECTORY	QUEENS
1990	DR ALAN M BROOKS	COLE DIRECTORY	QUEENS
1990	DR B G BROOKS	COLE DIRECTORY	QUEENS
1990	CHILDRENS TORAH	COLE DIRECTORY	QUEENS
1990	JEWISH HERTGE CNTR	COLE DIRECTORY	QUEENS
1985	DR ALAN M BROOKS	COLE DIRECTORY	QUEENS
1985	DR B G BROOKS	COLE DIRECTORY	QUEENS
1980	DR ALAN M BROOKS	COLE DIRECTORY	QUEENS
1980	DR B G BROOKS	COLE DIRECTORY	QUEENS
1975	DR ALAN M BROOKS	COLE DIRECTORY	QUEENS
1975	DR B G BROOKS	COLE DIRECTORY	QUEENS
1971	DR ALAN M BROOKS	COLE DIRECTORY	QUEENS
1971	DR B G BROOKS	COLE DIRECTORY	QUEENS
1971	X [14401 69TH AV INTS]	COLE DIRECTORY	QUEENS
1967	BROOKS ALAN M [MD OFC]	NEW YORK TELEPHONE COMPANY	QUEENS
1967	BROOKS BETRICE GROWNBERG [MD OFC]	NEW YORK TELEPHONE COMPANY	QUEENS
1967	X [69TH AV INTS]	NEW YORK TELEPHONE COMPANY	QUEENS

**69-20 MAIN ST**

1971	DR JACK KUSHNER	COLE DIRECTORY	QUEENS
1967	KUSHNER JACK [DDS OFC]	NEW YORK TELEPHONE COMPANY	QUEENS

**69-36 MAIN ST**

1948	STATELY BLDRS INC	NEW YORK TELEPHONE COMPANY	QUEENS
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**Comment:** No coverage available for Flushing from 1948-1962.

## **17.5 Database Search Results**



## Database Search Results

68 - 16 to 68 - 48 Main Street, Kew Gardens, NY 11367

January 24, 2017



[www.biologic.earth](http://www.biologic.earth)  
[support@biologic.earth](mailto:support@biologic.earth)

## Contents

### *Maps*

- RCRA Generators
- RCRA Other
- NY Spills
- NY Bulk Storage

### *Tables*

- RCRA Generators
- RCRA Other
- NY Spills
- NY Bulk Storage

*Spill Details* - Omitted from Printed Report

## Disclaimer

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### Summary

Database <sup>1</sup>	Radius (miles)	Total
NPL	1	0
NPL Delisted	1	0
CERCLIS	0.5	0
CERCLIS NFRAP	0.5	0
RCRA CORRACTS	1	0
RCRA TSD	0.5	0
RCRA Generators	0.5	1
RCRA Other <sup>2</sup>	0.5	16
ERNS	0.125	0
NY Solid Waste	0.5	0
NY Superfund	1	0
NY Remedial <sup>3</sup>	0.5	0
NY Spills	0.5	125
NY Bulk Storage <sup>4</sup>	0.25	28

### Sources

NPL, CERCLIS, and RCRA databases are provided by the United States Environmental Protection Agency at [www.epa.gov](http://www.epa.gov).

The ERNS database is provided by the United States Coast Guard at [www.uscg.mil](http://www.uscg.mil).

NY Superfund, Remedial, Solid Waste, Bulk Storage, and Spills are provided by the New York State Department of Environmental Conservation at [www.dec.ny.gov](http://www.dec.ny.gov).

All data was last updated on, or more recently than, July 31, 2015.

<sup>1</sup> Institutional Controls and Engineering Controls are identified in results from the following database searches: NPL, CERCLIS, RCRA CORRACTS, NY Superfund, NY Remedial.

<sup>2</sup> Sites in the RCRA database not identified as TSD's or Generators

<sup>3</sup> Brownfield Cleanup Program, Voluntary Cleanup Program, Environmental Restoration Program

<sup>4</sup> Each tank in the following programs: Petroleum Bulk Storage (PBS), Chemical Bulk Storage (CBS), Major Oil Storage Facility (MOSF)

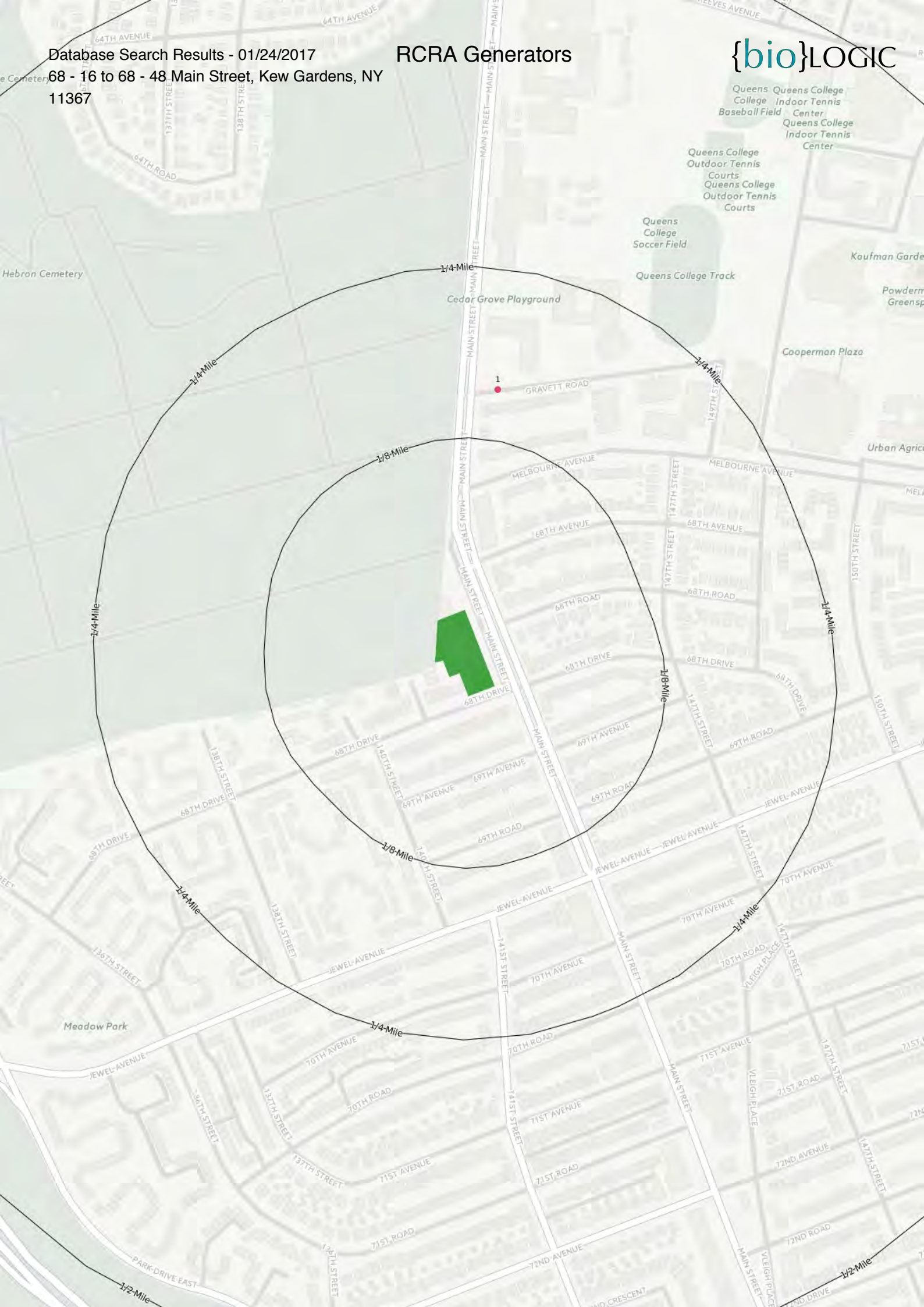
Database Search Results - 01/24/2017

## RCRA Generators

{bio}LOGIC

68 - 16 to 68 - 48 Main Street, Kew Gardens, NY

11367





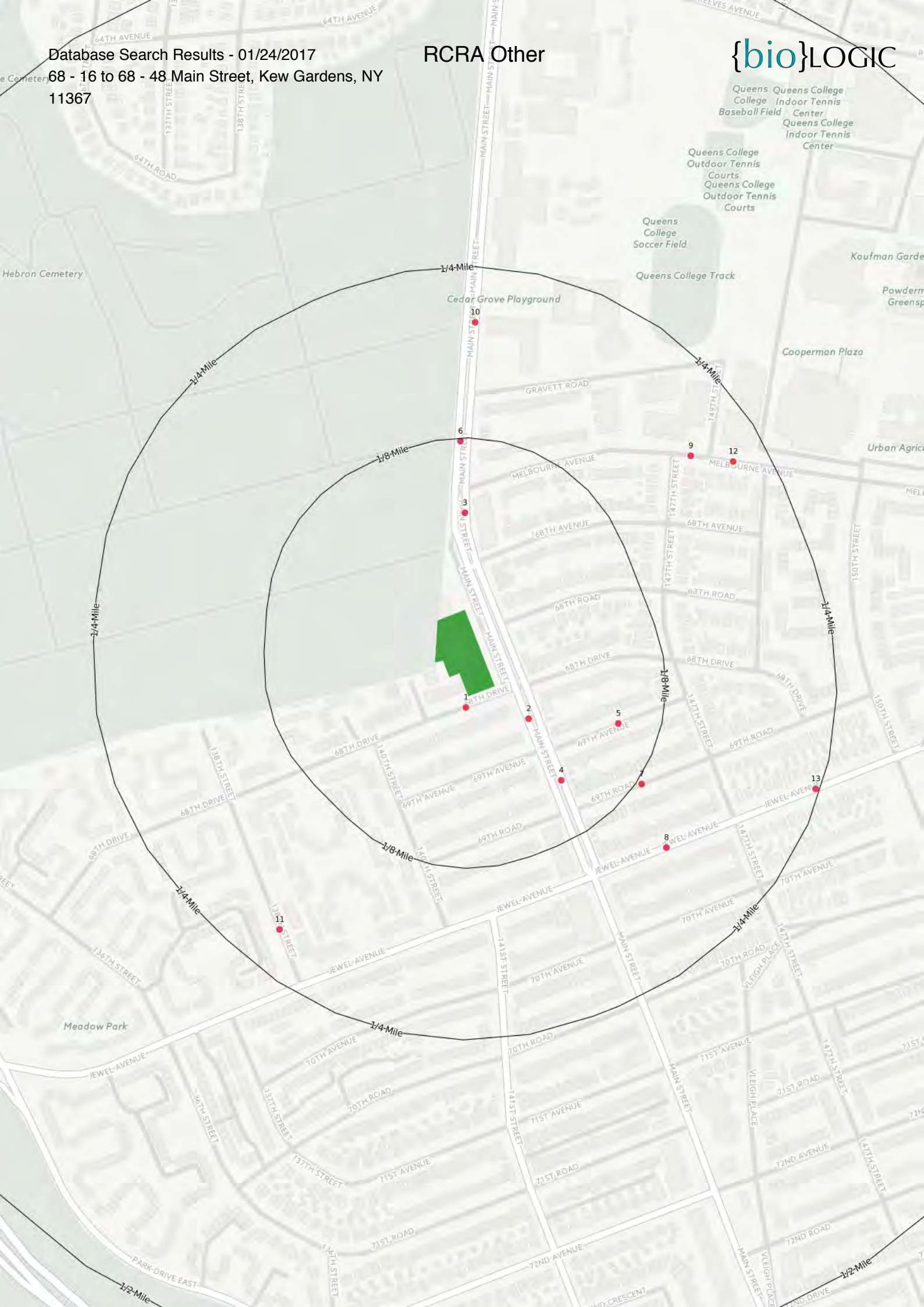
Database Search Results - 01/24/2017

68 - 16 to 68 - 48 Main Street, Kew Gardens, NY

11367

RCRA Other

{bio}LOGIC

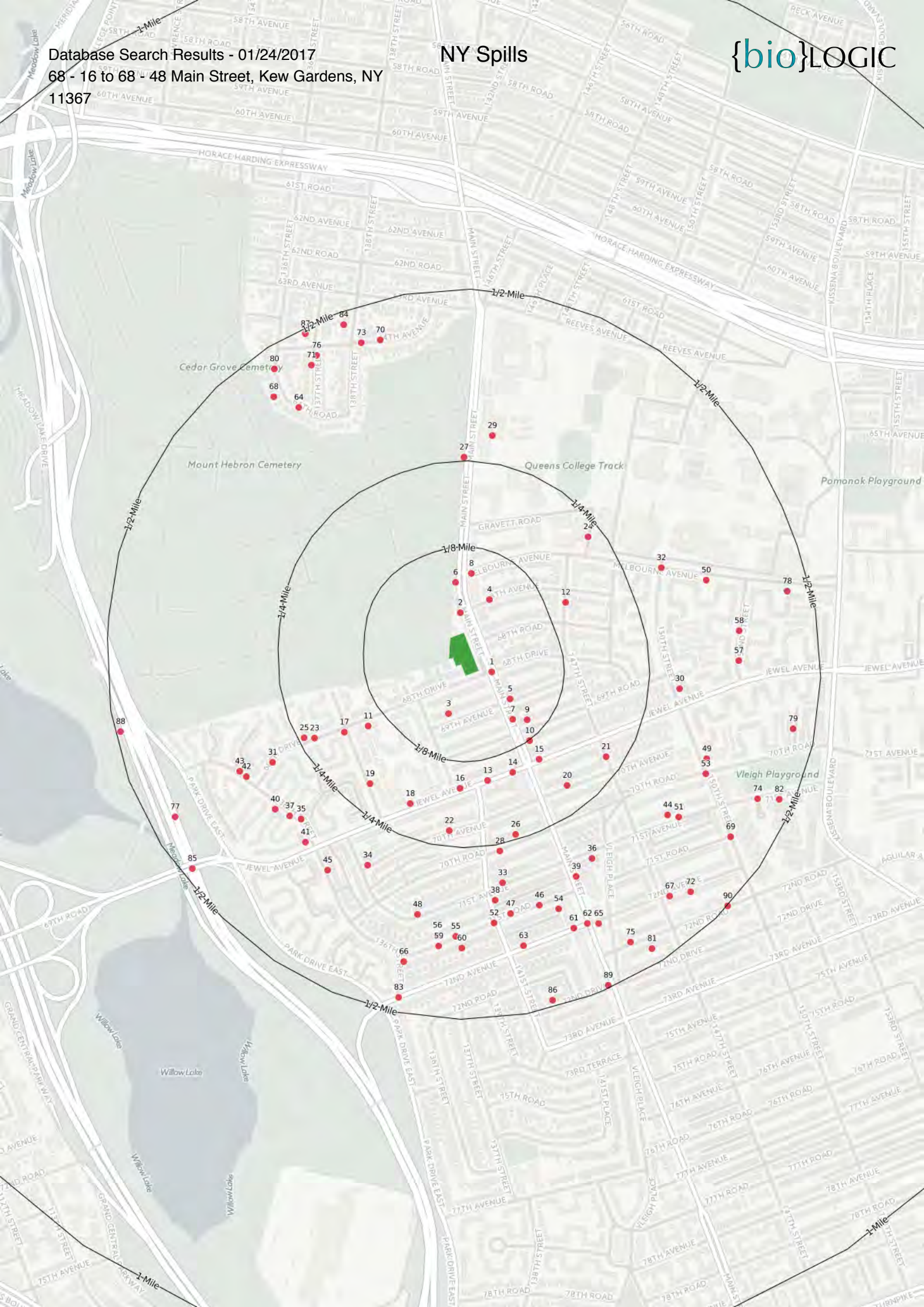




Database Search Results - 01/24/2017  
68 - 16 to 68 - 48 Main Street, Kew Gardens, NY  
11367

## NY Spills

{bio}LOGIC



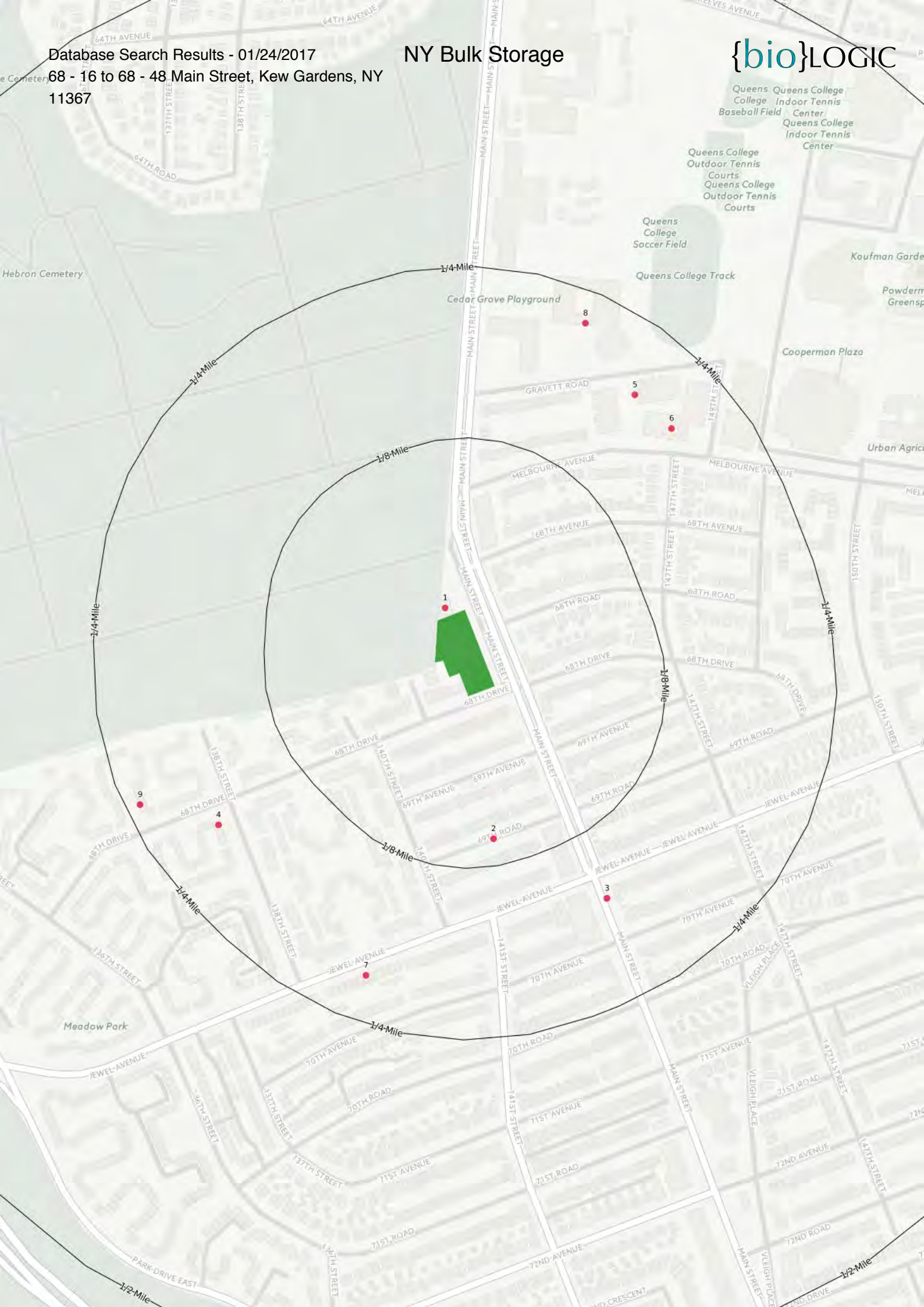


Database Search Results - 01/24/2017

# NY Bulk Storage

{bio}LOGIC

68 - 16 to 68 - 48 Main Street, Kew Gardens, NY  
11367



Database Search Results - 01/24/2017  
68 - 16 to 68 - 48 Main Street, Kew Gardens, NY  
11367

## RCRA Generators



Map #	EPA ID #	Distance	Direction	Name	Address	City	State
1	NYR000220319	0.161983568	N	NYC DEPT OF EDUCATION - PS 219 QUEENS	144-39 GRAVET RD	FLUSHING	11367

Database Search Results - 01/24/2017  
68 - 16 to 68 - 48 Main Street, Kew Gardens, NY  
11367

## RCRA Generators



Map #	EPA ID #	Interest Type
1	NYR000220319	LQG



Map #	EPA ID #	Distance	Direction	Name	Address	City
1	NYP004520557	0.00800883	S	CON EDISON SERVICE BOX: 50861	141-16 68TH DR	FLUSHING
2	NYD981137144	0.034193766	SE	ENCORE FLUSHING CLEANERS	68-32 MAIN ST	FLUSHING
3	NYD986923142	0.070433605	N	MOBIL OIL-#17-HGR AP-JC S/S	67-20 MAIN STREET	FLUSHING
4	NYD986944551	0.083999618	SE	DRY CLEANERS THE	69-42 MAIN ST	FLUSHING
4	NYD981075310	0.083999618	SE	STYLE CLEANERS INC	69-44 MAIN ST	FLUSHING
5	NYP004564738	0.094236903	ESE	CON EDISON SERVICE BOX: 48621	144-50 69TH AVE FRONT OF	FLUSHING
6	NYP004352209	0.12264547	N	CON EDISON SERVICE BOX: 38036	66-15 MAIN ST FRONT OF	FLUSHING
7	NYP004564886	0.128845765	SE	CON EDISON SERVICE BOX: 47543	144-08 69TH RD FRONT OF	FLUSHING
7	NYP004359923	0.128845765	SE	CON EDISON SERVICE BOX: 47561	144-34 69TH RD FRONT OF	FLUSHING
7	NYP004359949	0.128845765	SE	CON EDISON SERVICE BOX: 47543	144-08 69TH RD FRONT OF	FLUSHING
8	NYP004577276	0.171898716	SE	CON EDISON MANHOLE: 10160	144-06 JEWEL AVE FRONT OF	FLUSHING
9	NYR000109827	0.199474301	NE	MAINSTAY COOPERATIVE #2	144-75 MELBOURNE AVE	FLUSHING
10	NYR000028217	0.209328347	N	CUNY LAW SCHOOL	65-21 MAIN ST	FLUSHING
11	NYP004564068	0.218652878	SW	CON EDISON SERVICE BOX: 53281	69-40 138TH ST	FLUSHING
12	NYP004352357	0.223757042	NE	CON EDISON SERVICE BOX: 34733	149-02 MELBOURNE AVE FRONT OF	FLUSHING
13	NYP004348751	0.24621658	ESE	CON EDISON SERVICE BOX: 47200	147-12 JEWEL AVE	FLUSHING

Map #	EPA ID #	ZIP	Interest Type
1	NYP004520557	11367	UNSPECIFIED UNIVERSE
2	NYD981137144	11367-1325	UNSPECIFIED UNIVERSE
3	NYD986923142	11367-1346	UNSPECIFIED UNIVERSE
4	NYD986944551	113671723	UNSPECIFIED UNIVERSE
4	NYD981075310	11367-1723	UNSPECIFIED UNIVERSE
5	NYP004564738	11367	UNSPECIFIED UNIVERSE
6	NYP004352209	11367	UNSPECIFIED UNIVERSE
7	NYP004564886	11367	UNSPECIFIED UNIVERSE
7	NYP004359923	11367	UNSPECIFIED UNIVERSE
7	NYP004359949	11367	UNSPECIFIED UNIVERSE
8	NYP004577276	11367	UNSPECIFIED UNIVERSE
9	NYR000109827	113671350	UNSPECIFIED UNIVERSE
10	NYR000028217	11367-1300	UNSPECIFIED UNIVERSE
11	NYP004564068	11367	UNSPECIFIED UNIVERSE
12	NYP004352357	11367	UNSPECIFIED UNIVERSE
13	NYP004348751	11367	UNSPECIFIED UNIVERSE

Map #	DEC ID #	Distance	Direction	Name	Address
1	9906837	0.018916995	ESE	Spill Number 9906837	68-32 68TH DR
2	0707894	0.029231492	N	ONE QUART OIL IN VAULT VS 8861	68 AVENUE & MAIN STREET
3	9912085	0.060113808	SSW	Spill Number 9912085	140-15 69TH AV
4	9008944	0.060697205	NNE	144-15 68TH AVE/QUEENS	144-15 68TH AVENUE
5	9906275	0.061356157	SE	SOMMER RESIDENCE	144-09 69 TH AV
6	0508284	0.074013236	N	MOBIL #17-HGR	67-20 MAIN STREET
6	0510584	0.074013236	N	EXXON-MOBIL STATION	6720 MAIN ST
7	0514124	0.08629658	SE	LONG ISLAND EXPRESSWAY	MAIN ST. / COLLEGE POINT
7	9508508	0.08629658	SE	STELLER MANAGMENT	77-30 - 77-42 MAIN ST
7	9912126	0.08629658	SE	MH 2942	MAIN ST/60TH AVE
8	0100656	0.086744464	N	Spill Number 0100656	144-16 MELBOURNE AVE
8	9503331	0.096380231	N	144-37 MELBOURNE AVE	144-37 MELBOURNE AVE
9	1112952	0.100333184	SE	ON RESIDENTIAL DRIVEWAY	144 -07 69TH RD
9	9611936	0.107308622	SE	144-25 69TH RD	144-25 69TH RD
9	0507507	0.110032904	SE	ROGOWSKI RESIDENCE	144-47 69TH ROAD
10	0306585	0.125906914	SE	Spill Number 0306585	144-04 69TH RD
11	9814708	0.152909396	SW	RESIDENCE	138-28 68TH DRIVE
12	1310425	0.154577276	ENE	TANK OVERFILL AND VAPORS IN RESIDENCE	68-07 147TH STREET
13	0911777	0.155580406	S	PVT DWELLING	141-05 JEWEL AVE
14	9515178	0.155825368	SSE	IN ROADWAY	JEWEL AVE
14	8607648	0.155825368	SSE	VAN WYCK EXPRESSWAY / JEW	VAN WYCK X-WAY JEWEL AVE
15	0312811	0.156141215	SE	Spill Number 0312811	144 29 JEWEL AVE
15	9813279	0.157229269	SE	MOSCHITTA RES	144-47 JEWEL AVE
15	0306586	0.163192087	SE	OFF MAIN ST	144-32 JEWEL AVE
16	9514936	0.163724214	S	ROTHMAN RES	140-15 JEWEL AVE
15	9512374	0.164567153	SE	144-48 JEWEL AVENUE	144-48 JEWEL AVENUE
17	0100458	0.186044251	WSW	HYDE PARK GARDENS	68-32 138TH ST
18	0404609	0.202602922	SSW	JOYS GARDEN	138 -39 JEWEL AV
19	9906835	0.210003729	SW	Spill Number 9906835	69-36 138TH ST
20	9415529	0.211136886	SE	144-35 70TH AVE	144-35 70TH AVE
20	9512124	0.220080395	SE	144-40 70TH AVENUE	144-40 70TH AVENUE
21	9710325	0.224220371	SE	OZONE PARK SUBSTATION	123RD AVENUE/147TH ST

Map #	DEC ID #	City	Cause	Material	Quantity	Unit	Tank Capacity
1	9906837	FLUSHING	Tank Test Failure	#4 fuel oil	0	G	6000
2	0707894	FLUSHING	Unknown	dielectric fluid	0	G	0
3	9912085	QUEENS	Abandoned Drums	unknown hazardous material	55	G	0
4	9008944	NEW YORK CITY	Human Error	#2 fuel oil	0	G	0
5	9906275	FLUSHING	Unknown	unknown petroleum	0	G	0
6	0508284	FLUSHING	Unknown	unknown petroleum	0	G	0
6	0510584	FLUSHING	Human Error	gasoline	35	G	0
7	0514124	KEW GARDENS	Unknown	unknown petroleum	0	G	0
7	9508508	KEW GARDENS	Tank Test Failure	#4 fuel oil	0	G	5000
7	9912126	QUEENS	Unknown	unknown petroleum	1	G	0
8	0100656	FLUSHING	Tank Overfill	#2 fuel oil	20	G	0
8	9503331	FLUSHING	Equipment Failure	#2 fuel oil	1	G	0
9	1112952	FLUSHING	Human Error	#2 fuel oil	15	G	0
9	9611936	FLUSHING	Housekeeping	gasoline	0	G	0
9	0507507	FLUSHING	Tank Failure	#2 fuel oil	0	G	0
10	0306585	QUEENS	Equipment Failure	#2 fuel oil	100	G	0
11	9814708	KEW GARDENS	Tank Overfill	#4 fuel oil	20	G	0
12	1310425	FLUSHING	Human Error	#2 fuel oil	20	G	0
13	0911777	FLUSHING	Human Error	#2 fuel oil	0.5	G	0
14	9515178	QUEENS	Equipment Failure	#2 fuel oil	2	G	0
14	8607648	NEW YORK CITY	Other		0		0
15	0312811	KEW GARDENS HILLS	Tank Overfill	#2 fuel oil	1	G	0
15	9813279	FLUSHING	Equipment Failure	#2 fuel oil	25	G	0
15	0306586	FLUSHING	Traffic Accident	#2 fuel oil	0	G	0
16	9514936	FLUSHING	Equipment Failure	#2 fuel oil	1	G	0
15	9512374	KEW GARDENS HILLS	Equipment Failure	#2 fuel oil	5	G	0
17	0100458	FLUSHING	Human Error	#4 fuel oil	3	G	0
18	0404609	QUEENS	Tank Test Failure		0		3500
19	9906835	FLUSHING	Tank Test Failure	#2 fuel oil	0	G	4000
20	9415529	FLUSHING	Tank Overfill	#2 fuel oil	7	G	0
20	9512124	FLUSHING	Tank Overfill	#2 fuel oil	1	G	0
21	9710325	QUEENS	Equipment Failure	transformer oil	1	G	0



Map #	DEC ID #	Tank Gross Failure	Spill Date	Open Date	Close Date
1	9906837		9/8/1999	9/8/1999	9/5/2001
2	0707894		10/18/2007	10/18/2007	11/27/2007
3	9912085		1/19/2000	1/19/2000	3/16/2000
4	9008944		11/14/1990	11/14/1990	11/14/1990
5	9906275		8/26/1999	8/26/1999	1/10/2000
6	0508284		10/11/2005	10/11/2005	9/14/2007
6	0510584		12/8/2005	12/8/2005	3/21/2006
7	0514124		3/9/2006	3/9/2006	3/10/2006
7	9508508		10/11/1995	10/11/1995	8/23/2010
7	9912126		1/20/2000	1/20/2000	3/19/2002
8	0100656		4/17/2001	4/17/2001	5/31/2001
8	9503331		6/16/1995	6/16/1995	7/28/1995
9	1112952		2/12/2012	2/12/2012	3/6/2012
9	9611936		1/1/1997	1/3/1997	1/14/1997
9	0507507		9/22/2005	9/22/2005	2/2/2006
10	0306585		9/22/2003	9/22/2003	9/24/2003
11	9814708		3/10/1999	3/10/1999	2/19/2003
12	1310425		1/30/2014	1/30/2014	5/27/2014
13	0911777		2/4/2010	2/4/2010	2/12/2010
14	9515178		2/26/1996	2/26/1996	2/26/1996
14	8607648		3/16/1987	3/17/1987	3/17/1987
15	0312811		2/13/2004	2/19/2004	3/3/2004
15	9813279		1/29/1999	1/29/1999	1/26/2006
15	0306586		9/22/2003	9/22/2003	2/9/2004
16	9514936		2/21/1996	2/21/1996	2/21/1996
15	9512374		1/4/1996	1/4/1996	1/26/2004
17	0100458		4/12/2001	4/12/2001	6/12/2002
18	0404609		7/28/2004	7/28/2004	7/10/2006
19	9906835		9/8/1999	9/8/1999	9/6/2001
20	9415529		2/28/1995	2/28/1995	2/28/1995
20	9512124		12/27/1995	12/27/1995	12/27/1995
21	9710325		12/9/1997	12/9/1997	1/2/1998

Map #	DEC ID #	Distance	Direction	Name	Address
22	9602574	0.226425907	S	144TH STREET/70TH AVENUE	144TH STREET/70TH AVENUE
23	9906839	0.227544462	WSW	Spill Number 9906839	137-43 68TH DR
24	8901076	0.228880331	NE	CLOSED-LACKOF RECENT INFO	66-10 149TH STREET
25	0307449	0.240549635	WSW	Spill Number 0307449	137-43 68TH DRIVE
26	0502185	0.242057888	SSE	PERARL HOME	141-23 70TH ROAD
27	9413075	0.255271563	N	66-16 MAIN STREET	66-16 MAIN STREET
28	8801605	0.259740985	S	70TH RD PUMP STA	70TH RD PUMP STA
28	0004466	0.259740985	S	VB 7338	113TH ST/ 70TH RD
28	0004482	0.259740985	S	MANHOLE 14245	113TH ST / 70TH RD
29	0708454	0.289814401	N	CUNY SCHOOL OF LAW	65-21 MAIN ST
30	1003895	0.294785796	E	OVERHEAD TRANSFORMER	69-13 159TH
31	9907144	0.298322181	WSW	Spill Number 9907144	136-51 68TH DR
32	0602493	0.303246701	ENE	TRANSFORMER #6812	150 STREET & MELBOURNE AVENUE
32	8601730	0.303345918	ENE	QUEENS COL.FLUNKSW/PICRIC	150TH AVE & MELBOURNE PL.
33	9611840	0.305945288	S	141-60 71ST AVE	141-60 71ST AVE
34	0002946	0.310450086	SSW	Spill Number 0002946	137-14 70TH AV
35	9907097	0.317330329	SW	APT BUILDING	68-65 136TH ST
35	0208369	0.317330329	SW	Spill Number 0208369	6865 136TH ST
36	0400629	0.319488072	SSE	144-42 71 AVE	144-42 71ST AVE
36	0407105	0.319488072	SSE	GARDEN APT	144-42 71ST AVE
37	9906849	0.325938784	SW	APT HOUSE	68-50 136TH ST
38	1214338	0.329474226	S	COMMERCIAL PROPERTY	141-02 71ST AVE
39	0212844	0.331685637	SSE	Spill Number 0212844	71-25 MAIN STREET
40	0100960	0.334986379	SW	Spill Number 0100960	68-50 136TH ST
41	0301912	0.33671525	SW	PRIVATE RESIDENCE	69-30 136TH ST
42	0106078	0.341889935	WSW	HOUSING COMPLEX	67-97 136TH ST
43	9907095	0.346629531	WSW	APT BUILDING	67-50 136TH ST
44	0400628	0.346856706	SE	APARTMENT	147-27 71ST AVE
45	9910958	0.347327209	SSW	Spill Number 9910958	69-30 136TH ST
45	9814167	0.347327209	SSW	Spill Number 9814167	69-30 136TH ST
45	9906844	0.347327209	SSW	APT BUILDING	69-30 136TH ST
46	1500695	0.350835599	SSE	GROUND	154-92 71ST STREET

Map #	DEC ID #	City	Cause	Material	Quantity	Unit	Tank Capacity
22	9602574	FLUSHING	Equipment Failure	#2 fuel oil	30	G	0
23	9906839	FLUSHING	Unknown	#4 fuel oil	0	G	10000
24	8901076	FLUSHING	Tank Test Failure	#2 fuel oil	-1	L	0
25	0307449	QUEENS	Equipment Failure	#2 fuel oil	10	G	0
26	0502185	QUEENS	Tank Failure	#2 fuel oil	0	G	0
27	9413075	FLUSHING	Equipment Failure	#2 fuel oil	1	G	0
28	8801605	NEW YORK CITY	Equipment Failure	unknown petroleum	-1	G	0
28	0004466	QUEENS	Equipment Failure	transformer oil	5	G	0
28	0004482	QUEENS	Equipment Failure	unknown petroleum	1	G	0
29	0708454	QUEENS	Tank Test Failure	#4 fuel oil	0	G	10000
30	1003895	QUEENS	Equipment Failure	transformer oil	1	G	0
31	9907144	FLUSHING	Tank Test Failure	#6 fuel oil	0	G	0
32	0602493	QUEENS	Equipment Failure	dielectric fluid	50	G	0
32	8601730	NYC	Other	picric acid	0		0
33	9611840	FLUSHING	Other	#2 fuel oil	100	G	0
34	0002946	FLUSHING	Unknown	#2 fuel oil	0	G	0
35	9907097	FLUSHING	Tank Test Failure	#4 fuel oil	0	G	0
35	0208369	FLUSHING	Other	#4 fuel oil	10	G	0
36	0400629	QUEENS	Tank Test Failure	#2 fuel oil	0	L	0
36	0407105	QUEENS	Tank Failure	#2 fuel oil	0		0
37	9906849	FLUSHING	Tank Test Failure	#4 fuel oil	0	G	5000
38	1214338	QUEENS	Equipment Failure	#2 fuel oil	100	G	0
39	0212844	FLUSHING	Tank Test Failure	#2 fuel oil	0	G	3000
40	0100960	QUEENS	Unknown	#4 fuel oil	8	G	0
41	0301912	QUEENS	Unknown	mercury	1	G	0
42	0106078	QUEENS	Tank Test Failure	#4 fuel oil	0	G	6000
43	9907095	FLUSHING	Tank Test Failure	#4 fuel oil	0	G	0
44	0400628	QUEENS	Tank Test Failure	#2 fuel oil	0	L	0
45	9910958	FLUSHING	Other	#4 fuel oil	20	G	0
45	9814167	FLUSHING	Human Error	#4 fuel oil	5	G	0
45	9906844	FLUSHING	Tank Test Failure	#4 fuel oil	0	G	5000
46	1500695	FLUSHING	Equipment Failure	#4 fuel oil	10	G	0

Map #	DEC ID #	Tank Gross Failure	Spill Date	Open Date	Close Date
22	9602574		5/23/1996	5/23/1996	5/23/1996
23	9906839		9/8/1999	9/8/1999	9/5/2001
24	8901076		5/3/1989	5/3/1989	3/5/2003
25	0307449		10/15/2003	10/15/2003	4/13/2004
26	0502185		5/24/2005	5/24/2005	5/31/2005
27	9413075		12/30/1994	12/30/1994	12/30/1994
28	8801605		5/22/1988	5/22/1988	5/22/1988
28	0004466		7/13/2000	7/13/2000	9/6/2006
28	0004482		7/14/2000	7/14/2000	10/19/2001
29	0708454		11/2/2007	11/2/2007	4/12/2013
30	1003895		7/8/2010	7/8/2010	7/28/2010
31	9907144		9/14/1999	9/15/1999	9/5/2001
32	0602493		6/5/2006	6/5/2006	10/5/2006
32	8601730		6/12/1986	6/12/1986	6/12/1986
33	9611840		12/30/1996	12/30/1996	3/20/2003
34	0002946		6/8/2000	6/8/2000	4/18/2003
35	9907097		9/14/1999	9/14/1999	9/5/2001
35	0208369		11/13/2002	11/13/2002	11/13/2002
36	0400629		4/19/2004	4/19/2004	10/5/2004
36	0407105		9/27/2004	9/27/2004	10/5/2004
37	9906849		9/8/1999	9/8/1999	9/5/2001
38	1214338		1/7/2013	1/7/2013	1/8/2013
39	0212844		3/27/2003	3/27/2003	11/6/2003
40	0100960		4/25/2001	4/25/2001	6/12/2002
41	0301912		5/22/2003	5/22/2003	6/9/2003
42	0106078		9/7/2001	9/7/2001	4/27/2006
43	9907095		9/14/1999	9/14/1999	9/5/2001
44	0400628		4/19/2004	4/19/2004	3/23/2007
45	9910958		12/15/1999	12/15/1999	6/12/2002
45	9814167		2/24/1999	2/24/1999	2/24/1999
45	9906844		9/8/1999	9/8/1999	9/5/2001
46	1500695		4/20/2015	4/20/2015	



Map #	DEC ID #	Distance	Direction	Name	Address
47	9302710	0.352263265	S	141-51 71ST ROAD	141-51 71ST ROAD
47	9309267	0.352748345	S	141-50 71ST RD	141-50 71ST RD
48	9312210	0.354325101	S	137-27 71 AVENUE	137-27 71 AVENUE
43	0106073	0.357089644	WSW	67-50 136TH ST	67-50 136TH ST
49	1309952	0.357118132	ESE	TANK TEST FAIL	70-35 150TH ST
50	1007014	0.357811648	ENE	ALEXANDER MUWS TTF	150 -52 MELBOURNE AVE
51	0910727	0.361780893	SE	APT COMPLEX	154-92 71ST AVE
52	0002736	0.362147365	S	T-BOX #4974	UNION THPK/71ST RD
52	0804797	0.362147365	S	MANHOLE 6605	71ST RD / QUEENS BLVD
53	0108197	0.364274103	ESE	VAULT #VS5005	70TH RD & 150TH ST
54	0800206	0.365386342	SSE	141-52 71ST ROAD	141-52 71ST ROAD
55	0707789	0.379454152	S	PRIVATE HOME	136-57 71 ROAD
56	1500016	0.379905508	S	BOILER ROOM	136-43 71ST RD
57	9516725	0.380493217	E	APT COMPLEX	67-59 152 ND ST
55	8605047	0.38244469	S	FUEL OVERFILL AT 136-54 7	136-54 71ST RD
58	0806542	0.38521329	E	152 ND ST & 45TH AVE	152ND ST & 45TH AVE
58	9516709	0.386712979	E	GARDEN APARTMENTS	67-53 152ND STREET
59	0812989	0.395213622	S	RESIDENCE	136-36 71ST RD
60	1410888	0.396334275	S	BASEMENT	136-54 71ST RD
61	0604086	0.39972715	SSE	ON STREET	136-52 72 AVE
61	0710436	0.39972715	SSE	KEW GARDENS ASSOCIATES LLC	147-27 72ND AVE
61	0510854	0.39972715	SSE	APARTMENT	147-38 72ND AVE
61	1410437	0.39972715	SSE	RESIDENCE	141-29 72ND AVE
62	9403561	0.400824447	SSE	72ND AVE. & MAIN STREET	72ND AVE.&MAIN ST.
63	9401793	0.401828033	SSE	141-23 72ND AVE.	141-23 72ND AVENUE
64	1202657	0.402101037	NNW	FRANCIS COCHRAN	136-12 64TH RD
65	9312400	0.407710668	SSE	72-09 MAIN STREET	72-09 MAIN STREET
66	9414182	0.425734144	SSW	136-45 71ST ROAD	136-45 71ST ROAD
66	9900512	0.42931326	SSW	KREISEL RESIDENCE	136-69 71ST RD
66	9900602	0.42931326	SSW	Spill Number 9900602	136-69 71ST ROAD
67	0510858	0.430857228	SE	GARDEN APT	147-38 72ND AVE
68	0201027	0.435809781	NW	64-32 136TH ST	64-32 136TH ST

Map #	DEC ID #	City	Cause	Material	Quantity	Unit	Tank Capacity
47	9302710	FLUSHING	Human Error	#2 fuel oil	5	G	0
47	9309267	FLUSHING	Unknown	#2 fuel oil	2	G	0
48	9312210	FLUSHING	Tank Overfill	#2 fuel oil	5	G	0
43	0106073	QUEENS	Tank Test Failure	#6 fuel oil	0	G	0
49	1309952	QUEENS	Tank Test Failure	#4 fuel oil	0		0
50	1007014	QUEENS	Tank Test Failure	#6 fuel oil	0		0
51	0910727	FLUSHING	Equipment Failure	#4 fuel oil	25	G	0
52	0002736	QUEENS	Equipment Failure	dielectric fluid	1	G	0
52	0804797	QUEENS	Equipment Failure	transformer oil	1	G	0
53	0108197	QUEENS	Equipment Failure	dielectric fluid	30	G	0
54	0800206	QUEENS	Unknown	#2 fuel oil	25	G	0
55	0707789	FLUSHING	Equipment Failure	#2 fuel oil	1	G	0
56	1500016	QUEENS	Human Error	#2 fuel oil	2	G	0
57	9516725	QEW GARDEN HILLS	Equipment Failure	#2 fuel oil	200	G	0
55	8605047	NEW YORK CITY	Tank Overfill	#2 fuel oil	-1	L	0
58	0806542	QUEENS	Equipment Failure	antifreeze	15	G	0
58	9516709	FLUSHING	Deliberate	#6 fuel oil	0	G	0
59	0812989	FLUSHING	Unknown	#2 fuel oil	0		0
60	1410888	QUEENS	Equipment Failure	#2 fuel oil	0		0
61	0604086	FLUSHING	Equipment Failure	#2 fuel oil	0	G	0
61	0710436	FLUSHING	Tank Test Failure	#4 fuel oil	0	G	10000
61	0510854	FLUSHING	Tank Failure	#6 fuel oil	50	G	0
61	1410437	FLUSHING	Equipment Failure	#2 fuel oil	0		0
62	9403561	NEW YORK CITY	Traffic Accident	gasoline	20	G	0
63	9401793	FLUSHING	Equipment Failure	#2 fuel oil	1	G	0
64	1202657	FLUSHING	Equipment Failure	#2 fuel oil	5	G	0
65	9312400	QUEENS	Tank Overfill	gasoline	10	G	0
66	9414182	FLUSHING	Equipment Failure	#2 fuel oil	1	G	0
66	9900512	FLUSHING	Other	#2 fuel oil	0	G	0
66	9900602	FLUSHING	Equipment Failure	#2 fuel oil	0	G	0
67	0510858	FLUSHING	Equipment Failure	#4 fuel oil	0	G	0
68	0201027	QUEENS	Equipment Failure	#2 fuel oil	5	G	0

Map #	DEC ID #	Tank Gross Failure	Spill Date	Open Date	Close Date
47	9302710		5/28/1993	5/28/1993	5/28/1993
47	9309267		11/1/1993	11/1/1993	11/2/1993
48	9312210		1/17/1994	1/17/1994	1/17/1994
43	0106073		9/7/2001	9/7/2001	4/27/2006
49	1309952		1/13/2014	1/13/2014	
50	1007014		9/30/2010	9/30/2010	1/26/2011
51	0910727		1/2/2010	1/2/2010	1/4/2010
52	0002736		6/4/2000	6/4/2000	5/29/2003
52	0804797		7/27/2008	7/27/2008	9/19/2008
53	0108197		11/13/2001	11/13/2001	2/11/2002
54	0800206		4/5/2008	4/5/2008	9/11/2008
55	0707789		10/16/2007	10/16/2007	2/6/2008
56	1500016		4/1/2015	4/1/2015	4/20/2015
57	9516725		3/27/1996	3/27/1996	8/8/2005
55	8605047		11/4/1986	11/7/1986	11/7/1986
58	0806542		9/11/2008	9/11/2008	9/11/2008
58	9516709		3/27/1996	3/27/1996	9/5/2008
59	0812989		2/20/2009	3/3/2009	3/20/2009
60	1410888		2/12/2015	2/13/2015	2/17/2015
61	0604086		7/13/2006	7/13/2006	7/14/2006
61	0710436		1/2/2008	1/2/2008	6/10/2008
61	0510854		12/16/2005	12/16/2005	8/15/2006
61	1410437		1/26/2015	1/26/2015	5/20/2015
62	9403561		6/4/1994	6/14/1994	6/5/1994
63	9401793		5/6/1994	5/6/1994	5/11/1994
64	1202657		6/14/2012	6/18/2012	10/25/2012
65	9312400		1/21/1994	1/21/1994	1/21/1994
66	9414182		1/25/1995	1/25/1995	1/25/1995
66	9900512		3/24/1999	4/14/1999	10/10/2012
66	9900602		3/24/1999	4/16/1999	8/25/2003
67	0510858		12/15/2005	12/16/2005	12/16/2005
68	0201027		4/26/2002	4/26/2002	5/6/2002

Map #	DEC ID #	Distance	Direction	Name	Address
69	0202875	0.44046724	SE	ROADWAY	150TH ST & 71ST RD
70	8910582	0.443305822	NNW	138-17 64TH AVE/QUEENS	138-17 64TH AVENUE
71	9211808	0.446101021	NNW	64-24 137TH STREET	64-24 137TH STREET
72	0401629	0.446768289	SE	MANHOLE#10321	147-32 72 AVE
73	1100508	0.447953434	NNW	AT INTERSECTION	CASINO BLVD AND 64TH AVE
74	0300320	0.44832659	ESE	APT COMPLEX	150-10 71ST AVENUE
75	9900199	0.453161949	SSE	Spill Number 9900199	144-29 72ND RD
75	9910266	0.453161949	SSE	144-29 72ND ROAD	144-29 72ND ROAD
76	9210718	0.455458769	NNW	64-09 137TH STREET	64-09 137TH STREET
77	0600546	0.461546202	WSW	MANHOLE #19461	VAN WYCK EXPY SERVICE RD & 91 AVE
77	0002419	0.461546202	WSW	DUNTUN SUBSTATION	111TH AVE /VAN WYCK EXPWY
77	9309607	0.461546202	WSW	BELL PARKWAY - VAN WYCK	BELL PARKWAY- VAN WYCK
77	0302396	0.461546202	WSW	Spill Number 0302396	VANWYCK EXP/JACKY ROBINSO
77	9408155	0.461546202	WSW	VAN WYCK & HARBOR BASE	3 FLUSHING PK E.-VAN WYCK
78	1408269	0.465695057	E	APT BUILDING	152 -72 MELBOURNE AVE
79	9602384	0.467375349	ESE	70-44 153RD ST	70-44 153RD ST
80	9309769	0.468586074	NNW	6438 136TH STRRET	6438 136TH STREET
81	8908392	0.477329351	SSE	144-34 72ND RD	144-34 72ND RD
82	0600195	0.477574014	ESE	APT BUILDING	150-40 71 ST AVE
82	0109117	0.477574014	ESE	DARA APARTMENTS	150-40 71ST AV
83	0201510	0.478172195	S	IN SEWER	136TH ST & 72ND AV
84	0203571	0.481522747	NNW	POLE #4311	IFO 63-24 138TH STREET
85	0212431	0.483426652	SW	MANHOLE #688	JEWEL AVE & PARK DR EAST
86	0411420	0.489077455	SSE	RESIDENCE	141-15 72 DRIVE
87	0407678	0.491064031	NNW	63-32 137TH ST	63-32 137TH ST
88	9814297	0.49156514	WSW	VAULT 267	FLUSHING MEADOW PARK
88	8700083	0.49156514	WSW	FLUSHING PARK /MEADOW LAK	MEADOWLAKE/FL. PRK./ARENA
89	0110013	0.495690149	SSE	MAIN ST CINEMA	72-66 MAIN ST
90	0103009	0.499804041	SE	VAULT 1134	72ND RD/QUEENS BLVD

Map #	DEC ID #	City	Cause	Material	Quantity	Unit	Tank Capacity
69	0202875	QUEENS	Other	waste oil/used oil	0	G	0
70	8910582	NEW YORK CITY	Equipment Failure	#2 fuel oil	1	G	0
71	9211808	FLUSHING	Tank Overfill	#2 fuel oil	-1		0
72	0401629	QUEENS	Unknown	unknown petroleum	1	G	0
73	1100508	FLUSHING	Unknown	antifreeze	10	G	0
74	0300320	FLUSHING	Unknown	unknown petroleum	0	G	0
75	9900199	FLUSHING	Tank Overfill	#2 fuel oil	5	G	0
75	9910266	FLUSHING	Tank Overfill	#2 fuel oil	5	G	0
76	9210718	FLUSHING	Equipment Failure	#2 fuel oil	1	G	0
77	0600546	QUEENS	Unknown	unknown petroleum	0	G	0
77	0002419	QUEENS	Equipment Failure	dielectric fluid	2	G	0
77	9309607	QUEENS	Unknown	unknown petroleum	55	G	0
77	0302396	QUEENS	Traffic Accident	diesel	25	G	0
77	9408155	FLUSHING MEADOWS	Tank Overfill	diesel	7300	G	0
78	1408269	QUEENS	Equipment Failure	#6 fuel oil	0		0
79	9602384	FLUSHING	Housekeeping	auto waste fluids	0	G	0
80	9309769	FLUSHING	Unknown	#2 fuel oil	0		0
81	8908392	KEW GARDENS	Tank Failure	#2 fuel oil	10	G	0
82	0600195	KEW GARDENS	Tank Failure	#6 fuel oil	0	G	0
82	0109117	QUEENS	Equipment Failure	#6 fuel oil	30	G	0
83	0201510	QUEENS	Traffic Accident	diesel	10	G	0
84	0203571	QUEENS	Equipment Failure	transformer oil	1	G	0
85	0212431	QUEENS	Unknown	unknown petroleum	1	G	0
86	0411420	QUEENS	Other	#2 fuel oil	1	G	0
87	0407678	QUEENS	Equipment Failure	motor oil	1	G	0
88	9814297	FLUSHING	Equipment Failure	transformer oil	4	G	0
88	8700083	FLUSHING	Unknown	unknown petroleum	-1		0
89	0110013	FLUSHING	Tank Failure	#2 fuel oil	0	G	0
90	0103009	QUEENS	Unknown	dielectric fluid	40	G	0



Map #	DEC ID #	Tank Gross Failure	Spill Date	Open Date	Close Date
69	0202875		6/18/2002	6/18/2002	7/1/2002
70	8910582		2/6/1990	2/6/1990	2/6/1990
71	9211808		1/14/1993	1/15/1993	1/15/1993
72	0401629		5/14/2004	5/14/2004	8/31/2004
73	1100508		4/14/2011	4/14/2011	4/14/2011
74	0300320		4/9/2003	4/9/2003	2/26/2008
75	9900199		4/6/1999	4/6/1999	7/7/2003
75	9910266		11/24/1999	11/24/1999	12/8/1999
76	9210718		12/16/1992	12/16/1992	12/14/1992
77	0600546		4/13/2006	4/13/2006	5/15/2006
77	0002419		5/26/2000	5/26/2000	5/29/2003
77	9309607		11/8/1993	11/8/1993	11/29/1994
77	0302396		6/6/2003	6/6/2003	6/9/2003
77	9408155		9/20/1994	9/20/1994	3/18/2003
78	1408269		11/11/2014	11/11/2014	
79	9602384		5/20/1996	5/20/1996	8/11/2003
80	9309769		11/12/1993	11/12/1993	11/12/1993
81	8908392		11/22/1989	11/24/1989	11/24/1989
82	0600195		4/6/2006	4/6/2006	3/22/2007
82	0109117		12/14/2001	12/14/2001	1/22/2002
83	0201510		5/10/2002	5/10/2002	5/10/2002
84	0203571		7/4/2002	7/4/2002	11/4/2002
85	0212431		3/17/2003	3/18/2003	5/5/2003
86	0411420		1/21/2005	1/21/2005	1/24/2005
87	0407678		10/11/2004	10/11/2004	12/27/2004
88	9814297		2/27/1999	2/27/1999	4/2/1999
88	8700083		3/30/1987	4/3/1987	4/5/1987
89	0110013		1/17/2002	1/17/2002	11/5/2003
90	0103009		6/18/2001	6/18/2001	7/18/2003

Map #	DEC ID #	Distance	Direction	Name	Party Type
1	2-156809	0.006332172	NNW	MOBIL 13073	Retail Gasoline Sales
1	2-156809	0.006332172	NNW	MOBIL 13073	Retail Gasoline Sales
1	2-156809	0.006332172	NNW	MOBIL 13073	Retail Gasoline Sales
1	2-156809	0.006332172	NNW	MOBIL 13073	Retail Gasoline Sales
1	2-156809	0.006332172	NNW	MOBIL 13073	Retail Gasoline Sales
1	2-156809	0.006332172	NNW	MOBIL 13073	Retail Gasoline Sales
1	2-156809	0.006332172	NNW	MOBIL 13073	Retail Gasoline Sales
1	2-156809	0.006332172	NNW	MOBIL 13073	Retail Gasoline Sales
1	2-156809	0.006332172	NNW	MOBIL 13073	Retail Gasoline Sales
1	2-156809	0.006332172	NNW	MOBIL 13073	Retail Gasoline Sales
1	2-156809	0.006332172	NNW	MOBIL 13073	Retail Gasoline Sales
1	2-156809	0.006332172	NNW	MOBIL 13073	Retail Gasoline Sales
1	2-156809	0.006332172	NNW	MOBIL 13073	Retail Gasoline Sales
1	2-156809	0.006332172	NNW	MOBIL 13073	Retail Gasoline Sales
1	2-156809	0.006332172	NNW	MOBIL 13073	Retail Gasoline Sales
2	2-203610	0.105176141	S	GEORGETOWN MEWS OWNERS CORP	Apartment Building/Office Building
3	2-110523	0.174884482	SSE	QUEENS COUNTY SAVINGS BANK	Utility (Other than Municipal)
4	2-292907	0.197303995	SW	HYDE PARK OWNERS CORPORATION	Apartment Building/Office Building
4	2-292907	0.197303995	SW	HYDE PARK OWNERS CORPORATION	Apartment Building/Office Building
5	2-043257	0.199716312	NE	MAINSTAY COOPERATIVE SECT. #1	Apartment Building/Office Building
6	2-287997	0.200466859	NE	MAINSTAY COOP II, INC.	Apartment Building/Office Building
7	2-322512	0.216365983	SSW	138-20 JEWEL AVE	Apartment Building/Office Building
7	2-322512	0.216365983	SSW	138-20 JEWEL AVE	Apartment Building/Office Building
8	2-478784	0.226350268	NNE	P.S. 219 - QUEENS Q219	School
8	2-478784	0.226350268	NNE	P.S. 219 - QUEENS Q219	School
8	2-478784	0.226350268	NNE	P.S. 219 - QUEENS Q219	School
9	2-212393	0.23893315	WSW	HYDE PARK OWNERS CORPORATION	Apartment Building/Office Building
9	2-212393	0.23893315	WSW	HYDE PARK OWNERS CORPORATION	Apartment Building/Office Building

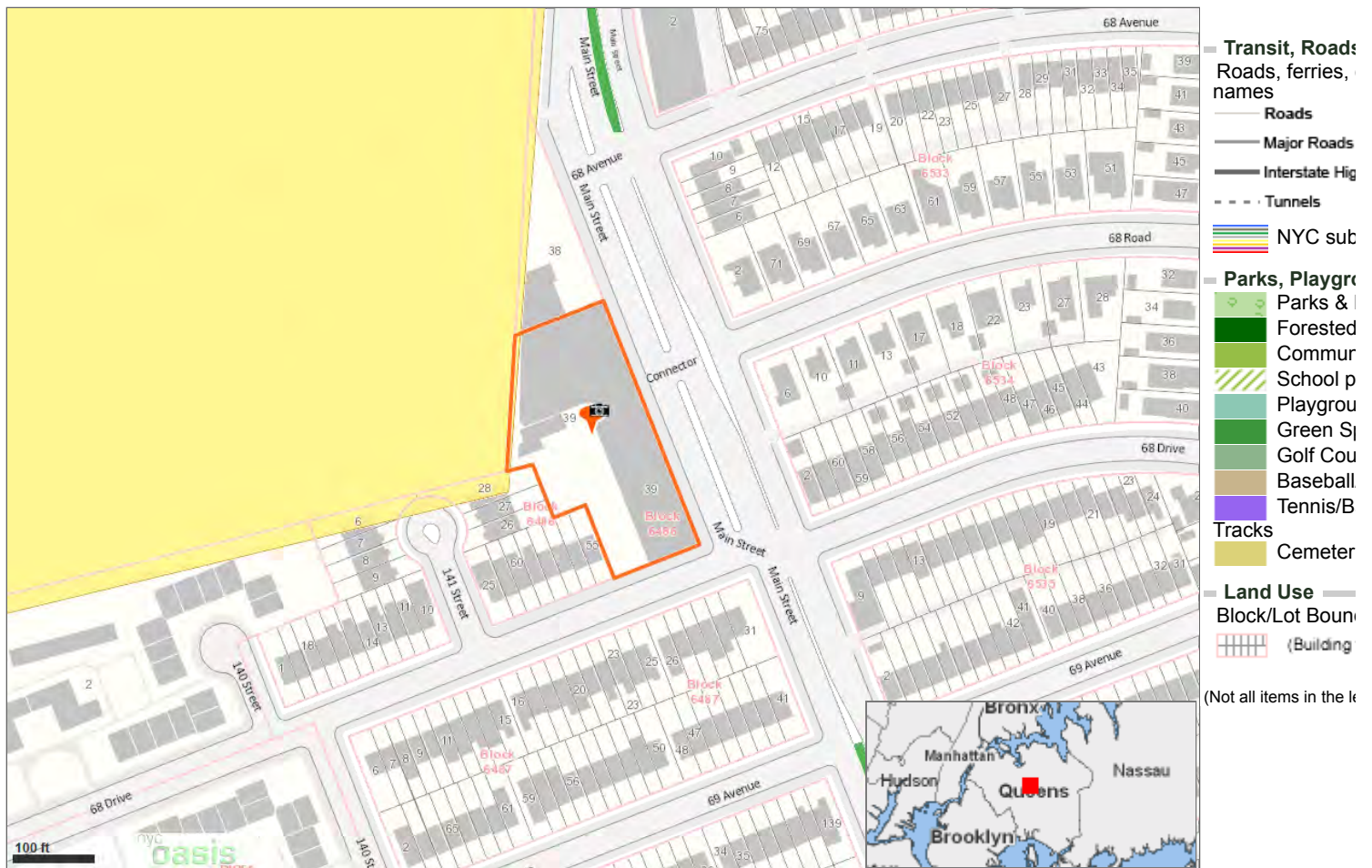
Map #	DEC ID #	Address	City	Tank #	Program	Status
1	2-156809	67-20 MAIN STREET	FLUSHING	002	PBS	Active
1	2-156809	67-20 MAIN STREET	FLUSHING	101	PBS	Active
1	2-156809	67-20 MAIN STREET	FLUSHING	004	PBS	Active
1	2-156809	67-20 MAIN STREET	FLUSHING	109	PBS	Active
1	2-156809	67-20 MAIN STREET	FLUSHING	003	PBS	Active
1	2-156809	67-20 MAIN STREET	FLUSHING	104	PBS	Active
1	2-156809	67-20 MAIN STREET	FLUSHING	005	PBS	Active
1	2-156809	67-20 MAIN STREET	FLUSHING	102	PBS	Active
1	2-156809	67-20 MAIN STREET	FLUSHING	103	PBS	Active
1	2-156809	67-20 MAIN STREET	FLUSHING	107	PBS	Active
1	2-156809	67-20 MAIN STREET	FLUSHING	001	PBS	Active
1	2-156809	67-20 MAIN STREET	FLUSHING	105	PBS	Active
1	2-156809	67-20 MAIN STREET	FLUSHING	106	PBS	Active
1	2-156809	67-20 MAIN STREET	FLUSHING	108	PBS	Active
1	2-156809	67-20 MAIN STREET	FLUSHING	107A	PBS	Active
2	2-203610	147-51 69TH ROAD	FLUSHING	OD7	PBS	Unregulated/Closed
3	2-110523	75-44 MAIN STREET	KEW GARDENS		PBS	Unregulated/Closed
4	2-292907	68-32 138TH STREET	NEW YORK	002	PBS	Active
4	2-292907	68-32 138TH STREET	NEW YORK	001	PBS	Active
5	2-043257	144-55 MELBOURNE AVENUE	FLUSHING	001	PBS	Active
6	2-287997	144-75 MELBOURNE AVENUE	FLUSHING	001	PBS	Unregulated/Closed
7	2-322512	138-20 JEWEL AVE	FLUSHING	02	PBS	Active
7	2-322512	138-20 JEWEL AVE	FLUSHING	001	PBS	Active
8	2-478784	144-39 GRAVETT ROAD	FLUSHING	002	PBS	Active
8	2-478784	144-39 GRAVETT ROAD	FLUSHING	001	PBS	Active
8	2-478784	144-39 GRAVETT ROAD	FLUSHING	003	PBS	Active
9	2-212393	137-43 68TH DRIVE	KEW GARDENS	002	PBS	Active
9	2-212393	137-43 68TH DRIVE	KEW GARDENS	001	PBS	Active

Map #	DEC ID #	Location	Material
1	2-156809	Aboveground in Subterranean Vault with Access for Inspections	gasoline
1	2-156809	Aboveground - In Contact with Soil	gasoline/ethanol
1	2-156809	Aboveground in Subterranean Vault with Access for Inspections	gasoline
1	2-156809	Aboveground - In Contact with Soil	waste oil/used oil
1	2-156809	Aboveground in Subterranean Vault with Access for Inspections	gasoline
1	2-156809	Aboveground - In Contact with Soil	gasoline/ethanol
1	2-156809	Aboveground in Subterranean Vault with Access for Inspections	other
1	2-156809	Aboveground - In Contact with Soil	gasoline/ethanol
1	2-156809	Aboveground - In Contact with Soil	gasoline/ethanol
1	2-156809	Aboveground - In Contact with Soil	#2 fuel oil (on-site consumption)
1	2-156809	Aboveground in Subterranean Vault with Access for Inspections	gasoline
1	2-156809	Aboveground - In Contact with Soil	gasoline/ethanol
1	2-156809	Underground	other
1	2-156809	Aboveground - No Contact - (on saddles, legs, rack, cradle, etc.)	waste oil/used oil
1	2-156809	Underground	other
2	2-203610	Aboveground - 10% or More Below Ground	#6 fuel oil (on-site consumption)
3	2-110523	Aboveground - 10% or More Below Ground	
4	2-292907	Aboveground - In Contact with Soil	#2 fuel oil (on-site consumption)
4	2-292907	Aboveground - No Contact - (on saddles, legs, rack, cradle, etc.)	#2 fuel oil (on-site consumption)
5	2-043257	Aboveground - In Contact with Soil	#4 fuel oil (on-site consumption)
6	2-287997	Aboveground - 10% or More Below Ground	#2 fuel oil (on-site consumption)
7	2-322512	Aboveground - In Contact with Soil	#2 fuel oil (on-site consumption)
7	2-322512	Aboveground - 10% or More Below Ground	#6 fuel oil (on-site consumption)
8	2-478784	Aboveground - In Contact with Soil	#4 fuel oil (on-site consumption)
8	2-478784	Aboveground - In Contact with Soil	#4 fuel oil (on-site consumption)
8	2-478784	Aboveground - In Contact with Soil	#4 fuel oil (on-site consumption)
9	2-212393	Aboveground - In Contact with Soil	#4 fuel oil (on-site consumption)
9	2-212393	Aboveground - No Contact - (on saddles, legs, rack, cradle, etc.)	#2 fuel oil (on-site consumption)

Map #	DEC ID #	Capacity	Install Date	Expiration Date
1	2-156809	4000	1983-12-01	2018-05-09
1	2-156809	4000	1989-12-01	2018-05-09
1	2-156809	4000	1983-12-01	2018-05-09
1	2-156809	250	2005-10-15	2018-05-09
1	2-156809	4000	1983-12-01	2018-05-09
1	2-156809	4000	1989-12-01	2018-05-09
1	2-156809	550	1959-12-01	2018-05-09
1	2-156809	4000	1989-12-01	2018-05-09
1	2-156809	4000	1989-12-01	2018-05-09
1	2-156809	1000	1989-10-01	2018-05-09
1	2-156809	4000	1983-12-01	2018-05-09
1	2-156809	4000	1989-12-01	2018-05-09
1	2-156809	1000	1989-10-01	2018-05-09
1	2-156809	1000	1989-12-01	2018-05-09
1	2-156809	1000	1989-10-01	2018-05-09
2	2-203610	7500	1950-12-01	2017-08-24
3	2-110523	2500	1953-01-01	2012-05-13
4	2-292907	4000	2002-02-01	2017-07-14
4	2-292907	6000		2017-07-14
5	2-043257	12000	1955-01-01	2016-12-02
6	2-287997	12000	1948-06-01	2017-07-07
7	2-322512	3000	1949-01-01	2017-12-14
7	2-322512	3000		2017-12-14
8	2-478784	7500	1999-11-30	2019-12-01
8	2-478784	7500	1999-11-30	2019-12-01
8	2-478784	6000	1999-11-30	2019-12-01
9	2-212393	4000	2003-06-12	2017-08-24
9	2-212393	10000	1960-01-01	2017-08-24



## **17.6 Regulatory Records Documentation**



BY-NC-SA This map was created using the Open Accessible Space Information System (OASIS) website, licensed under a [Creative Commons Attribution-Noncommercial-Share Alike 3.0 United States License](https://creativecommons.org/licenses/by-nc-sa/3.0/). Visit [www.oasisnyc.net](http://www.oasisnyc.net) for the latest information about data sources and notes about how the maps were developed. Contact [oasisnyc@gc.cuny.edu](mailto:oasisnyc@gc.cuny.edu) with questions or comments. OASIS is developed and maintained by the [Center for Urban Research](http://www.gc.cuny.edu/center-for-urban-research/), CUNY Graduate Center.

## Location Report

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### Property Information (1)

68-16 MAIN STREET, QUEENS 11367

#### **Commercial / Office Building**

**Owner:** MAIN PROPERTIES AM, L

**Block:** 6486 **Lot:** 39

#### **Property Characteristics:**

**Lot Area:** 42,250 sq ft (315.42' x 111')

**# of Buildings:** 1 **Year built:** 1950

**Building frontage:** 315' (Building frontage along the street measured in feet.)

**# of floors:** 1 **Building Area:** 25,518 sq ft

**Total Units:** 15 **Residential Units:** 0

**Primary zoning:** R4B **Commercial Overlay:** C1-2

**Floor Area Ratio:** 0.6

**Max. Allowable Residential FAR:** 0.9

**Max. Allowable Commercial FAR:** 0

**Max. Allowable Facility FAR:** 2

The Maximum Allowable Floor Area Ratios are exclusive of bonuses for plazas, plaza-connected open areas, arcades or other amenities.

FAR may depend on street widths or other characteristics. Contact [City Planning Dept.](#) for latest information.

#### **MORE INFO:**

- **Zoning Map#:** [14a](#) ([how to read](#) NYC zoning maps)
- **Historical Zoning Maps:** [14a](#)
- [NYC Dept. of Buildings](#)
- [Property transaction records](#) (**NB:** buildings w/condos may not show transaction results)
- [NYC Dept. of Finance Assessment Roll](#)
- [NYC HPD data](#)
- [NYC Planning's ZoLa application](#)
- [NYC Digital Tax Map](#)
- [NYC zoning guide](#)
- [NYC Watershed Resources](#)

#### **OASIS shortcut to this property:**

<http://www.oasisnyc.net/printmap.aspx?zoomto=lot:4064860039>

Source: MapPLUTO Tax Block & Tax Lot files from the New York City Department of City Planning, 2016 (ver. 16v1).

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### Community District (1)

#### **Queens 8 Community District Information**

**Chairperson:** Alvin Warshaviak

**District Manager:** Ms. Marie Adam-Ovide

**Address:** 197-15 Hillside Avenue, Hollis, NY, 11423

**Phone:** 718-264-7895 **Email:** [qn08@cb.nyc.gov](mailto:qn08@cb.nyc.gov)

**Website:** <http://www.nyc.gov/queenscb8>

**Meeting Information:** Hillcrest Jewish Center, 183-02 Union Turnpike, Flushing, NY 11366

[Go to District Profile](#) by NYC Dept. of City Planning

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### Political Districts (5)

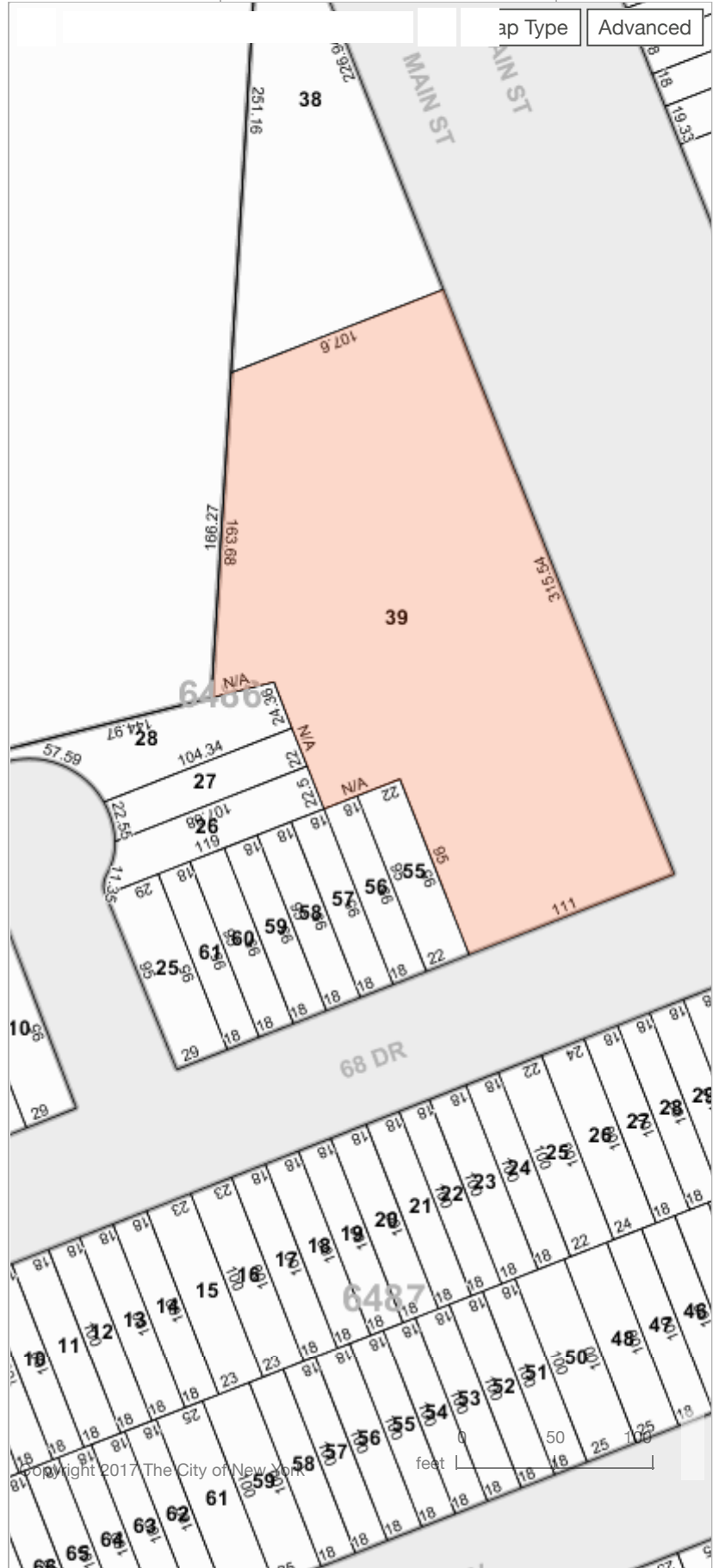
NYC Council: [District 24](#)

NYS Assembly: [District 027](#)

NYS Senate: [District 15](#)

US House of Representatives: [District 6](#)

US Senate: [New York](#)



## FINAL ASSESSMENT ROLL 2016-2017 | City of New York

**Taxable Status Date: January 5, 2016**

### EXPLANATION OF ASSESSMENT ROLL

[View January 15, 2017 - Market Value History](#)  
[View 2017 TENTATIVE ASSESSMENT ROLL](#)  
[View May 25, 2016 - Market Value History](#)  
[View January 15, 2016 - Market Value History](#)  
[View 2016 TENTATIVE ASSESSMENT ROLL](#)  
[View May 25, 2015 - Market Value History](#)  
[View 2015 FINAL ASSESSMENT ROLL](#)  
[View 2015 TENTATIVE ASSESSMENT ROLL](#)  
[View January 15, 2015 - Market Value History](#)  
[View 2014 FINAL ASSESSMENT ROLL](#)  
[View May 25, 2014 - Market Value History](#)  
[View 2014 TENTATIVE ASSESSMENT ROLL](#)  
[View January 15, 2014 - Market Value History](#)  
[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 2012 FINAL ASSESSMENT ROLL](#)  
[View May 25, 2012 - Market Value History](#)  
[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 May 25, 2010 - Market Value History](#)  
[View 2010 FINAL ASSESSMENT ROLL](#)  
[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:

MAIN PROPERTIES JM, LLC

#### Property Address and Zip Code:

68-16 MAIN STREET 11367

#### Real Estate Billing Name and Address:

MAIN PROPERTIES JM, LLC

47 HILLSIDE AVE

MANHASSET NY 11030

**Borough:** QUEENS

**Block:** 6486

**Lot:** 39

**Tax Class:** 4

**Building Class:** K1 [Codes](#)

### Land Information

Lot Size

315.42FT X 111.00FT

Irregular

IRREG

Corner



### Building Information

Number of Buildings	Building Size	Extension	Stories
1	315.00FT X 107.00FT		1

### Assessment Information

Description	Land	Total
ESTIMATED MARKET VALUE		7,584,000
ACTUAL AV	1,140,750	3,412,800
ACTUAL EX AV	0	0
TRANS AV	1,140,750	3,189,105
TRANS EX AV	0	0

### Taxable/Billable Assessed Value

	Assessed Value
SUBJECT TO ADJUSTMENTS, YOUR 2016/17 TAXES WILL BE BASED ON	3,189,105

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](#)



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NYC Department of Buildings  
Property Profile Overview

68-14 MAIN STREET

MAIN STREET

68-14 - 68-50

QUEENS 11367

Health Area : 2012  
Census Tract : 809  
Community Board : 408  
Buildings on Lot : **2**

BIN# 4141570

Tax Block : 6486  
Tax Lot : 39  
Condo : NO  
Vacant : NO

[View DCP Addresses...](#)

[Browse Block](#)

[View Zoning Documents](#)

[View Challenge Results](#)

[Pre - BIS PA](#)

[View Certificates of Occupancy](#)

Cross Street(s): 68 AVENUE, 68 ROAD

DOB Special Place Name:

DOB Building Remarks: PLEASEEE SEE PF 16 HIGH #

Landmark Status:

Special Status: N/A

Local Law: YES

Loft Law: NO

SRO Restricted: NO

TA Restricted: NO

UB Restricted: NO

Environmental Restrictions: N/A

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: K1-STORE BUILDING

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

	Total	Open	<a href="#">Elevator Records</a>
<a href="#">Complaints</a>	15	0	<a href="#">Electrical Applications</a>
<a href="#">Violations-DOB</a>	18	3	<a href="#">Permits In-Process / Issued</a>
<a href="#">Violations-ECB (DOB)</a>	8	0	<a href="#">Illuminated Signs Annual Permits</a>
This property has <b>1 open DOB</b> "Work Without A Permit" Violations and may be subject to DOB civil penalties upon application for a permit.			
<a href="#">Jobs/Filings</a>	37		<a href="#">Plumbing Inspections</a>
ARA / LAA Jobs	0		<a href="#">Open Plumbing Jobs / Work Types</a>
Total Jobs	37		<a href="#">Facades</a>
<a href="#">Actions</a>	35		<a href="#">Marquee Annual Permits</a>
			<a href="#">Boiler Records</a>
			<a href="#">DEP Boiler Information</a>
			<a href="#">Crane Information</a>
			<a href="#">After Hours Variance Permits</a>

OR Enter Action Type:

OR Select from List:

AND

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NYC Department of Buildings  
Property Profile Overview

68-50 REAR MAIN STREET

QUEENS 11367

BIN# 4613303

MAIN STREET 68-50 REAR - 68-50  
REAR

Health Area : 2012

Tax Block : 6486

Census Tract : 809

Tax Lot : 39

Community Board : 408

Condo : NO

[Buildings on Lot](#) : 2

Vacant : NO

[View DCP Addresses...](#)

[Browse Block](#)

[View Zoning Documents](#)

[View Challenge Results](#)

[Pre - BIS PA](#)

[View Certificates of Occupancy](#)

Cross Street(s): 68 ROAD, 68 DRIVE

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: N/A

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: K1-STORE BUILDING

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

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

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NYC Department of Buildings  
Property Profile Overview

68-18 84 ROAD

QUEENS

BIN# 4808128

84 ROAD

68-18 - 68-18

Tax Block : 6486

Tax Lot : 39

[View DCP Addresses...](#)

[Browse Block](#)

[View Zoning Documents](#)

[View Challenge Results](#)

[Pre - BIS PA](#)

[View Certificates of Occupancy](#)

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:

N/A

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:

K1-STORE BUILDING

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

	Total	Open	<a href="#">Elevator Records</a>
Complaints	0	0	<a href="#">Electrical Applications</a>
Violations-DOB	0	0	<a href="#">Permits In-Process / Issued</a>
Violations-ECB (DOB)	0	0	<a href="#">Illuminated Signs Annual Permits</a>
Jobs/Filings	0		<a href="#">Plumbing Inspections</a>
ARA / LAA Jobs	0		<a href="#">Open Plumbing Jobs / Work Types</a>
Total Jobs	0		<a href="#">Facades</a>
<a href="#">Actions</a>	23		<a href="#">Marquee Annual Permits</a>
OR Enter Action Type: <input type="text"/>			<a href="#">Boiler Records</a>
OR Select from List: <input type="text"/>			<a href="#">DEP Boiler Information</a>
AND <input type="button" value="Show Actions"/>			<a href="#">Crane Information</a>
			<a href="#">After Hours Variance Permits</a>

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NYC Department of Buildings  
Property Profile Overview

68-22 84 ROAD

QUEENS

BIN# 4808129

84 ROAD

68-22 - 68-22

Tax Block : 6486

Tax Lot : 39

[View DCP Addresses...](#)

[Browse Block](#)

[View Zoning Documents](#)

[View Challenge Results](#)

[Pre - BIS PA](#)

[View Certificates of Occupancy](#)

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:

N/A

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:

K1-STORE BUILDING

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

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

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NYC Department of Buildings  
Property Profile Overview

68-24 84 ROAD

QUEENS

BIN# 4808130

84 ROAD

68-24 - 68-24

Tax Block : 6486

Tax Lot : 39

[View DCP Addresses...](#)

[Browse Block](#)

[View Zoning Documents](#)

[View Challenge Results](#)

[Pre - BIS PA](#)

[View Certificates of Occupancy](#)

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:

N/A

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:

K1-STORE BUILDING

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

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NYC Department of Buildings  
Property Profile Overview

68-26 84 ROAD  
84 ROAD

68-26 - 68-26

QUEENS

BIN# 4808131

Tax Block : 6486

Tax Lot : 39

[View DCP Addresses...](#)

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[View Zoning Documents](#)

[View Challenge Results](#)

[Pre - BIS PA](#)

[View Certificates of Occupancy](#)

DOB Special Place Name:

DOB Building Remarks:

Landmark Status:

Local Law: NO

SRO Restricted: NO

UB Restricted: NO

Environmental Restrictions: N/A

Legal Adult Use: NO

Additional BINs for Building: NONE

Special Status: N/A

Loft Law: NO

TA Restricted: NO

Grandfathered Sign: NO

City Owned: NO

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:

K1-STORE BUILDING

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

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

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NYC Department of Buildings  
Property Profile Overview

68-32 84 ROAD

QUEENS

BIN# 4808132

84 ROAD

68-32 - 68-32

Tax Block : 6486

Tax Lot : 39

[View DCP Addresses...](#)

[Browse Block](#)

[View Zoning Documents](#)

[View Challenge Results](#)

[Pre - BIS PA](#)

[View Certificates of Occupancy](#)

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:

N/A

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:

K1-STORE BUILDING

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

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NYC Department of Buildings  
Property Profile Overview

68-34 84 ROAD

QUEENS

BIN# 4808133

84 ROAD

68-34 - 68-34

Tax Block : 6486

Tax Lot : 39

[View DCP Addresses...](#)

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[View Zoning Documents](#)

[View Challenge Results](#)

[Pre - BIS PA](#)

[View Certificates of Occupancy](#)

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:

N/A

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:

K1-STORE BUILDING

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

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

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NYC Department of Buildings  
Property Profile Overview

68-40 84 ROAD

QUEENS

BIN# 4808135

84 ROAD

68-40 - 68-40

Tax Block : 6486

Tax Lot : 39

[View DCP Addresses...](#)

[Browse Block](#)

[View Zoning Documents](#)

[View Challenge Results](#)

[Pre - BIS PA](#)

[View Certificates of Occupancy](#)

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:

N/A

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:

K1-STORE BUILDING

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

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NYC Department of Buildings  
Property Profile Overview

68-42 84 ROAD

QUEENS

BIN# 4808136

84 ROAD

68-42 - 68-42

Tax Block : 6486

Tax Lot : 39

[View DCP Addresses...](#)

[Browse Block](#)

[View Zoning Documents](#)

[View Challenge Results](#)

[Pre - BIS PA](#)

[View Certificates of Occupancy](#)

DOB Special Place Name:

DOB Building Remarks:

Landmark Status:

Local Law: NO

SRO Restricted: NO

UB Restricted: NO

Environmental Restrictions: N/A

Legal Adult Use: NO

Additional BINs for Building: NONE

Special Status: N/A

Loft Law: NO

TA Restricted: NO

Grandfathered Sign: NO

City Owned: NO

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:

K1-STORE BUILDING

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

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

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NYC Department of Buildings  
Property Profile Overview

68-38 84 ROAD  
84 ROAD

68-38 - 68-38

QUEENS

BIN# 4808134

Tax Block : 6486

Tax Lot : 39

[View DCP Addresses...](#)

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[View Zoning Documents](#)

[View Challenge Results](#)

[Pre - BIS PA](#)

[View Certificates of Occupancy](#)

DOB Special Place Name:

DOB Building Remarks:

Landmark Status:

Local Law: NO

SRO Restricted: NO

UB Restricted: NO

Environmental Restrictions: N/A

Legal Adult Use: NO

Additional BINs for Building: NONE

Special Status: N/A

Loft Law: NO

TA Restricted: NO

Grandfathered Sign: NO

City Owned: NO

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:

K1-STORE BUILDING

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

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

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



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NYC Department of Buildings  
**DOB Violations**

Page: 1

Premises: 68-14 MAIN STREET QUEENS

BIN: [4141570](#) Block: 6486 Lot: 39

NUMBER	TYPE	FILE DATE
V* 00NO FORM10-21-77ES0	DOB VIOLATION - DISMISSED	00/00/1900
V* 00NO FORM10-21-77ES0	DOB VIOLATION - DISMISSED	00/00/1900
V* 00NO FORM10-21-77ES0	DOB VIOLATION - DISMISSED	00/00/1900
V* 00NO FORM10-21-77ES0	DOB VIOLATION - DISMISSED	00/00/1900
V* 2150-69BOILER	DOB VIOLATION - DISMISSED	00/00/1969
V* 2686-82BOILER	DOB VIOLATION - DISMISSED	08/08/1982
DISMISSAL DATE: 02/15/1996	AGENCY LICENSE: LVA	BADGE NO.: 0012
<a href="#">V* 062893LL629114376</a>	DOB VIOLATION - DISMISSED	06/28/1993
<a href="#">V* 082995LL629144821</a>	DOB VIOLATION - DISMISSED	08/29/1995
<a href="#">V* 021097LL629137182</a>	DOB VIOLATION - DISMISSED	02/10/1997
<a href="#">V* 091697LL6291267053</a>	DOB VIOLATION - DISMISSED	09/16/1997
<a href="#">V* 050498LL629132725</a>	DOB VIOLATION - DISMISSED	05/04/1998
<a href="#">V 061190PP081</a>	DOB VIOLATION - ACTIVE	06/11/1990
<a href="#">VW 011601C08BA01</a>	VIOLATION WORK WITHOUT PERMIT - ACTIVE	01/16/2001
<a href="#">V* 102412E9027/454088</a>	DOB VIOLATION - RESOLVED	10/24/2012
<a href="#">V 092314CER08RJ01</a>	DOB VIOLATION - ACTIVE	09/23/2014
<a href="#">V* 100614E9027/524734</a>	DOB VIOLATION - RESOLVED	10/06/2014
<a href="#">V* 051514HBLVIO00211</a>	DOB VIOLATION - DISMISSED	05/15/2014
<a href="#">V* 030315HBLVIO00943</a>	DOB VIOLATION - DISMISSED	03/03/2015

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DEPARTMENT OF BUILDINGS  
BOROUGH OF ~~QUEENS~~ *100*, THE CITY OF NEW YORK  
No. **128751**  
Date **12/23/58**

**CERTIFICATE OF OCCUPANCY**

Standard form adopted by the Board of Standards and Appeals and issued pursuant to Section 646 of the New York Charter, and Sections C.26-181.0 to C.26-187.0 inclusive Administrative Code 2.1.3.1. to 2.1.3.7. (Building Code.)

This certificate supersedes C. O. No.

to the owner or owners of the building or premises:

THIS CERTIFIES that the ~~new~~ *altered* ~~existing~~ building—premises located at  
**1-18 to 50 Main St., W.E. of 68th. Drive**

Block **0-86** Lot **39**

, conforms substantially to the approved plans and specifications, and to the requirements of the building code and all other laws and ordinances, and of the rules and regulations of the Board of Standards and Appeals, applicable to a building of its class and kind at the time the permit was issued; and

CERTIFIES FURTHER that, any provisions of Section 646F of the New York Charter have been complied with as certified by a report of the Fire Commissioner to the Borough Superintendent.

Alt. No. **Alt. 1927/58**

Construction classification— **Non-fire**

Occupancy classification— **Comm.**

Height **1** stories, **20** feet.

Date of completion— **11/5/58**

Located in **100, Retail & Resuse District.**

Area **1**

Height Zone at time of issuance of permit

This certificate is issued subject to the limitations hereinafter specified and to the following resolutions of the Board of Standards and Appeals:  
(Calendar numbers to be inserted here)

**PERMISSIBLE USE AND OCCUPANCY**

STORY	LIVE LOADS Lbs. per Sq. Ft.	PERSONS ACCOMMODATED			USE
		MALE	FEMALE	TOTAL	
Basement	On gr.				Boiler room & Storage
1	100				1 <sup>st</sup> Store, Market, Loading & Unloading
					Parking for patrons.
					Plot - 115.71' X 107.41' X 163.68' X 24.97' X 61.31' X 40' X 97' X 111'

CERTIFICATE WILL BE NULL AND VOID IF ALTERED IN ANY MANNER OR ADDITIONS ARE MADE THERETO.  
(Page 1)  
Borough Superintendent  
*M. J. Henderson*

**NO CHANGES OF USE OR OCCUPANCY NOT CONSISTENT WITH THIS CERTIFICATE SHALL  
BE MADE UNLESS FIRST APPROVED BY THE BOROUGH SUPERINTENDENT**

Unless an approval for the same has been obtained from the Borough Superintendent, no change of rearrangement in the structural parts of the building, or affecting the light and ventilation of any part thereof or in the exit facilities, shall be made; no enlargement, whether by extending on any side or by increasing height shall be made; nor shall the building be moved from one position to another; nor shall there be any reduction or diminution of the area of the lot or plot on which the building is located.

The building or any part thereof shall not be used for any purpose other than that for which it is certified.

The superimposed, uniformly distributed loads, or concentrated loads producing the same stresses in the construction in any story shall not exceed the live loads specified on reverse side; the number of persons of either sex in any story shall not exceed that specified when sex is indicated, nor shall the aggregate number of persons in any story exceed the specified total; and the use to which any story may be put shall be restricted to that authorized by this certificate except as specifically stated.

This certificate does not in any way relieve the owner or owners or any other person or persons in possession or control of the building, or any part thereof from obtaining such other permits, licenses or approvals as may be prescribed by law for the uses or purposes for which the building is designed or intended; nor from obtaining the special certificates required for the use and operation of elevators; nor from the installation of fire alarm systems where required by law; nor from complying with any lawful order for additional fire extinguishing appliances under the discretionary powers of the fire commissioner; nor from complying with any lawful order issued with the object of maintaining the building in a safe or lawful condition; nor from complying with any authorized direction to remove encroachments into a public highway or other public place whether attached to or part of the building or not.

If this certificate is marked "Temporary", it is applicable only to those parts of the building indicated on its face, and certifies to the legal use and occupancy of only such parts of the building; it is subject to all the provisions and conditions applying to a final or permanent certificate; it is not applicable to any building under the jurisdiction of the Housing Division unless it is also approved and endorsed by them, and it must be replaced by a full certificate at the date of expiration.

If this certificate is for an existing building, erected prior to March 14, 1916, it has been duly inspected and it has been found to have been occupied or arranged to be occupied prior to March 14, 1916, as noted on the reverse side, and that on information and belief, since that date there has been no alteration or conversion to a use that changed its classification as defined in the Building Code, or that would necessitate compliance with some special requirement as with the State Labor Law or any other law or ordinance; that there are no notices of violations or orders pending in the Department of Buildings at this time; that Section 646F of the New York City Charter has been complied with as certified by a report of the Fire Commissioner to the Borough Superintendent and that, so long as the building is not altered, except by permission of the Borough Superintendent, the existing use and occupancy may be continued.

§ 646F. No certificate of occupancy shall be issued for any building, structure, enclosure, place or premises wherein containers for combustibles, chemicals, explosives, inflammables and other dangerous substances, articles, compounds or mixtures are stored, or wherein automatic or other fire alarm systems or fire extinguishing equipment are required by law to be or are installed, until the fire commissioner has tested and inspected and has certified his approval in writing of the installation of such containers, systems or equipment to the Borough Superintendent of the borough in which the installation has been made. Such approval shall be recorded on the certificate of occupancy."

Additional copies of this certificate will be furnished to persons having an interest in the building or premises, upon payment of a fee of fifty cents per copy.





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NYC Department of Buildings

### **[C of O PDF Listing for Property](#)**

Premises: 68-50 REAR MAIN STREET QUEENS

BIN: [4613303](#) Block: 6486 Lot: 39

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NYC Department of Buildings  
**C of O PDF Listing for Property**

Premises: 68-22 84 ROAD QUEENS

BIN: [4808129](#) Block: 6486 Lot: 39

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NYC Department of Buildings  
**C of O PDF Listing for Property**

Premises: 68-18 84 ROAD QUEENS

BIN: [4808128](#) Block: 6486 Lot: 39

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NYC Department of Buildings  
**C of O PDF Listing for Property**

Premises: 68-24 84 ROAD QUEENS

BIN: [4808130](#) Block: 6486 Lot: 39

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NYC Department of Buildings  
**C of O PDF Listing for Property**

Premises: 68-26 84 ROAD QUEENS

BIN: [4808131](#) Block: 6486 Lot: 39

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NYC Department of Buildings  
**C of O PDF Listing for Property**

Premises: 68-32 84 ROAD QUEENS

BIN: [4808132](#) Block: 6486 Lot: 39

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NYC Department of Buildings  
**C of O PDF Listing for Property**

Premises: 68-34 84 ROAD QUEENS

BIN: [4808133](#) Block: 6486 Lot: 39

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NYC Department of Buildings

## **C of O PDF Listing for Property**

Premises: 68-40 84 ROAD QUEENS

BIN: [4808135](#) Block: 6486 Lot: 39

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NYC Department of Buildings  
**C of O PDF Listing for Property**

Premises: 68-42 84 ROAD QUEENS

BIN: [4808136](#) Block: 6486 Lot: 39

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NYC Department of Buildings

## C of O PDF Listing for Property

Premises: 68-38 84 ROAD QUEENS

BIN: [4808134](#) Block: 6486 Lot: 39

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NEW YORK CITY DEPARTMENT OF HEALTH AND  
MENTAL HYGIENE

For office use only  
CONTROL NUMBER:

FREEDOM OF INFORMATION LAW REQUEST FORM

To: Records Access Officer  
NYC Department of Health and Mental Hygiene  
42-09 28<sup>th</sup> Street, 14<sup>th</sup> Floor, CN 31  
Long Island City, NY 11101  
Phone: (347) 396-6078/6116  
Fax: (347) 396-6087  
[recordsaccess@health.nyc.gov](mailto:recordsaccess@health.nyc.gov)

Date 01/24/2017

Dear Record Access Officer:

I, Daniel Stewart request copies of any inspection reports and/or records located in the Bureau of Env. Investigations, Radiations, Public Health Engineering, of the New York City Department of Health and Mental Hygiene.

The records pertain to:

- |  |  |   |
|--|--|---|
| <input type="checkbox"/> Lead Poisoning        | <input type="checkbox"/> Animal bite   | <input type="checkbox"/> Employment/Human Resources |
| <input type="checkbox"/> Contracts/RFPs        | <input type="checkbox"/> Pest Control  | <input type="checkbox"/> Correctional Health        |
| <input type="checkbox"/> Early Intervention    | <input type="checkbox"/> Food Safety   | <input type="checkbox"/> Mental Health              |
| <input type="checkbox"/> Communicable Diseases | <input type="checkbox"/> School Health | <input type="checkbox"/> Day Care                   |

☒ Other: The property at 68 - 16 to 68 - 48 Main Street, Kew Gardens, NY 11367

Please specify/describe the records you are requesting from the above program(s):

Any records pertaining to the property

Block 6486 Lot 39

There is a charge of 25¢ per page or actual costs of reproduction, payable in advance.

Requester's Name: Daniel Stewart

(Please print)

(Signature)

Requester's Organization: Advanced Cleanup Technologies

Requester's Address: 110 Main Street, Suite 103, Port Washington, NY 11050

Street

City

State

Zip code

Telephone Number: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_

E-mail: info@act.earth

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- [Ways to Pay Your Bill](#)
- [eBilling](#)
- [Account Information](#)
- [Customer Assistance](#)
- [Service Line Protection Program](#)
- [Water Rates](#)
- [Property Managers & Trade Professionals](#)

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- [Drinking Water](#)
- [Wastewater](#)
- [Stormwater](#)
- [Harbor Water](#)
- [Long Term Control Plan](#)

**The Watershed**

- [Watershed Protection](#)
- [Watershed Recreation](#)

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- [Regulatory Reform](#)
- [Environmental Education](#)
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- [Forms & Permits](#)
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## Dear Sir or Madam

We hereby acknowledge receipt of your Freedom of Information Law ("FOIL") request. Your request is important to us and will be handled as expeditiously as possible. Please be advised however, that because of the large volume of pending complex FOIL requests handled by the Department of Environmental Protection ("DEP"), and the available staffing, your response is anticipated to take between 120-150 days from the date of this acknowledgement.

Please also be advised that for requests that appear to be submitted in connection with a Phase I site assessment of a property, DEP's response will exclude records relating to asbestos, and discharges into the sewers, as non-scope items, unless the FOIL request explicitly asks for those records. To the extent you require this information, please specify so in the FOIL request. In addition, any information on boiler permits filed with DEP is already publicly available at the following website <https://a826-web01.nyc.gov/DEP.BoilerInformationExt/>. Accordingly, DEP's response assumes you have directly obtained any relevant records from that website, and will exclude those records, as well.

Sincerely,  
Deborah S. Fremder  
Records Access Officer

**My DEP Account and Online Bill Pay**

[New Payment Options](#)  
[Water Charges](#)

**Reservoir Levels**

Current: 77.5%  
Normal: 87.8%

**Customer Assistance**

- [Contact Customer Service](#)
- [NYC Lien Sale & Payment Agreements](#)
- [Multi-Family Conservation Program](#)
- [Dispute Resolution](#)
- [Learn About AMR](#)
- [Dispose of Grease & Oil Properly](#)
- [For Businesses](#)
- [More Services...](#)



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



## Fuel Tank Special Report Request Form

### **SECTION A**

### **CUSTOMER INFORMATION**

Please print the required information below.

Advanced Cleanup Technologies

Name

110 Main Street, Suite 103, Port Washington

Address

New York

11050

State

Zip Code

(516) 441-5800

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**

68 - 16 to 68 - 48

Main Street

Queens

House Number

Street Name

Borough

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

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

PR3 (July-08)

## **17.7 Interview Documentation**

**OWNER/REPRESENTATIVE QUESTIONNAIRE****ACT PROJECT NO.** \_\_\_\_\_**PROPERTY ADDRESS:** 68-16-68-50 Main St. Flushing1) Current owner of the Site? Main Properties DM, LLC, Main Properties JM, LLC  
Main Properties AM, LLC2) Number of years owned? Approx. 28 yrs.3) Year of Building Construction? Approx. 19504) Current Usage of the Site? Retail Stores5) Current Occupants? See Attachment (Rent Roll)

6) Previous Owner? \_\_\_\_\_

7) Previous Usage of the Site? Same8) Previous Occupants? unknown

9) Any knowledge of Environmental Issues regarding the Site? \_\_\_\_\_

10) Any knowledge of Environmental Issues regarding the Adjacent Properties? No11) Any previous Environmental Investigations performed at the Site? Not to the owners knowledge.

If so, describe the investigation and provide documents \_\_\_\_\_

12) Any Environmental Liens associated with the Site? No**This form was completed by:**Signature Michael Allmonor Date: 2/2/17Print Name/Title Property Manager Michael Allmonor Phone #: 917 655 1388Number of years associated with the Subject Property: 6**FORWARD COMPLETED QUESTIONNAIRE TO:**

**Advanced Cleanup Technologies, Inc.**  
110 Main Street, Suite 103  
Port Washington, NY 11050  
Tel: 516-441-5800; Fax: 516-441-5511  
Email: karenf@actenvirons.com



## **17.8 Qualifications of Environmental Professionals**

## **CURRICULUM VITAE**

**PAUL P. STEWART**  
**ADVANCED CLEANUP TECHNOLOGIES, INC.**  
**110 MAIN STREET, SUITE 103**  
**PORT WASHINGTON, NY 11050**  
**BUSINESS: (516)-441-5800 x103**

### **EDUCATION:**

Professor	Polytechnic Institute, (NY)	1996-
	Environmental Law and Regulations	1999
J.D.	Vermont Law School, (VT)	1982
	Environmental Law	
M.S.	Tufts University, (MA)	1979
	Environmental Health Engineering	
B.S.	Boston University, (MA)	1978
	Environmental Science	

### **PROFESSIONAL HISTORY:**

**PRESIDENT, ADVANCED CLEANUP TECHNOLOGIES, INC.**

Joined the firm in February, 1989 with extensive expertise in the investigation of environmental contamination incidents. Has been employed by industrial facilities, retail petroleum distributors, insurance companies and financial institutions to investigate past and present chemical handling practices and conditions at subject locations.

Mr. Stewart has developed a Forensics department which directs all investigations into the occurrence of contamination and sources of its release. These services are geared towards identifying the nature, extent and causes of environmental contamination. He is also affiliated with Polytechnic Institute of New York where he is engaged in joint research into groundwater flow, chemical transport modeling and remediation as applied to major chemical releases.

## **PROFESSIONAL HISTORY** (Continued)

ASSOCIATE ATTORNEY	RIVKIN, RADLER, DUNNE & BAYH	1985-
	EAB Plaza, Uniondale, NY 11556	1989

A member of the Science/Causation Team and Environmental Practice Group with extensive experience in groundwater investigations and major environmental litigation. He coordinated the development of major scientific and technical issues involved in complex hazardous waste and toxic tort law suits including Agent Orange, Shell and many others.

His responsibilities included the allocation of liabilities and costs for the release of chemicals into the environment and developing appropriate levels of remedial action. He was also responsible for researching and evaluating evidence of property damage and environmental exposure in conjunction with the Real Estate Department, where he developed environmental due diligence procedures for commercial real estate transactions.

His additional responsibilities included investigating companies' chemical handling, transport and disposal practices and impacts on their regulatory requirements. This work involved surveying industrial activities and chemical release incidents at numerous facilities including literature research, public agency records review and the coordination of appropriate soil, soil vapor and ground water investigations. He also made appearances before federal, state and local regulatory agencies and successfully negotiated the resolution of regulatory compliance issues under numerous statutory frameworks.

ASSOCIATE ATTORNEY	ESCHEN & ESCHEN	1983-
	North Broadway, Hicksville, NY	1985

Responsible for personal injury and property damage trials and depositions. Successfully perfected numerous appellate briefs and issues including negligence, contract and insurance law. Appearance before regulatory and penal tribunals. Applications of land use development and management law.

INTERN EXAMINER	U.S. PATENT & TRADEMARK OFFICE	1981
	Washington, D.C.	

Screened applications for statutory compliance. Prepared legal memoranda in support of official determinations in pending actions.

## **AFFILIATIONS:**

American Chemical Society

**CERTIFICATIONS AND LICENSES:**

New Jersey Certification in Subsurface Evaluations  
Approved ASTM Instructor on Environmental Site Assessments  
New York State Restricted Handler Class II  
Portable Gas Chromatography Chemist  
Licensed to practice law in New York and Florida

**SELECT PRESENTATIONS:**

The Scene of the Accident: Forensic Engineering in Hazardous Waste Litigation, Purdue University Industrial Waste Symposium, in Indiana, May 10, 1988.

A Case Study of Petroleum Contamination, Environmental Claim Seminar, St. Paul, Minnesota, May 14, 1990.

**PUBLICATIONS:**

Numerous technical reports and articles on environmental health engineering and science including the following:

Evaluation of an Ecological Habitat in an Urban New England Environment, 1978.

Environmental Impact Analysis, Construction of the Kennedy Memorial Library, 1978.

Pretreatment of Chromium Waste Sludge from Metal Plating Facility, 1979.

Environmental Impact Analysis, Expansion of the Block Island Sewage Treatment Plant, 1979.

Environmental Report, 11<sup>th</sup> Annual ALI-ABA Conference on Environmental Law, Vermont Law School Forum, 1981.

Official Comments, Final Environmental Impact Statement, Proposed Runaway Extension and Industrial Park Development, Lebanon Municipal Airport, Lebanon, New Hampshire, 1982.

Laboratory Scale Design, Treatment of Wastewater from Soda Manufacturing, 1985.

Development of a Groundwater Evaluation Program, Hazardous Waste and Toxic Torts Law and Strategy, 1985.

The scene of the Accident: Forensic Engineering in Hazardous Waste Litigation, Journal of the Industrial Waste Symposium, Prudue University, 1988.

History of Commercial use of Methyl tert-Butyl Ether in gasoline products, 1990.

**PUBLICATIONS** (Continued)

A Case Study of Petroleum Contamination, April 16, 1990.

Effect of Bentonite Diversion Wall on the Migration of Wastes at a Hazardous Waste Landfill, Sato, C., A. Protopapas, P. Stewart, June, 1991.

**RELATED PROJECT EXPERIENCE:**

**Beekman, New York**

Performance of an environmental services audit of on-going groundwater remediation project.

**Bellmore, New York**

The investigation of soil and groundwater contamination associated with retail gasoline distribution facilities.

**Brockton, Massachusetts**

Performance of a soil, soil vapor and groundwater investigation associated with a retail dry cleaning facilities.

**Falls Village, Connecticut**

The investigation and remediation of soil and groundwater contamination associated with the release of fuel oil from an underground storage tank.

**Garden City, New York**

The investigation and remediation of chlorinated solvent contamination associated with printing industry wastes.

**Pineola, North Carolina**

The investigation of soil and groundwater contamination associated with the release of petroleum from a retail gasoline and bulk petroleum distribution facility.

**Ridgefield, Connecticut**

The investigation and remediation of soil and groundwater contamination associated with the release of fuel oil from an above ground petroleum storage facility.



*Staff Resume*

**\_\_\_\_ Jessica J. Lam \_\_\_\_**  
**Environmental Scientist/Project Manager**

Ms. Lam is an Environmental Scientist holding a Bachelor of Arts Degree in Geology from the State University of New York at Geneseo and a Master of Science Degree in Geographic Information Systems (GIS) from Johns Hopkins University. Ms. Lam has utilized her numerous technical capabilities in a variety of functions, including managing and conducting Phase I Environmental Site Assessments, Transaction Screens, and Environmental Reviews on behalf of financial institutions, public agencies, developers, property owners, government agencies, not-for-profit agencies, law firms and other interested parties.

Ms. Lam has conducted over 500 transactions. She is an expert in analyzing whether there will be any environmental impact at a property.

*Areas of Expertise:*

- Supervision and Management of all aspects of Phase I Environmental Site Assessments
- Interaction with State and Local Regulatory Agencies
- Preparation of proposals, reports and cost estimates

*Professional Experience:*

- Performance of Phase I and Phase II Environmental Site Assessments
- Coordination of environmental site inspections
- Preparation and review of numerous Phase I and Phase II reports
- Competence with EPA and NYSDEC methods of field sampling and analysis

*Education:*

- B.A. from the State University of New York at Geneseo, Geology
- M.S. from Johns Hopkins University, Geographic Information Systems

## APPENDIX D

### Tier II Vapor Encroachment Screen



# Advanced Cleanup Technologies, Inc.

ENVIRONMENTAL CONSULTANTS

April 19, 2017

Stephany Espinal  
Flushing Bank  
220 RXR Plaza  
Uniondale, NY 11556

Re: Tier II Vapor Encroachment Screen  
68-16 to 68-48 Main Street  
Kew Gardens, NY 11367

Dear Ms. Espinal,

Advanced Cleanup Technologies, Inc. (ACT) performed a Tier II Vapor Encroachment Screen (Tier II VE Screen) at the above referenced property on March 21, 2017. The purpose for the Tier II VE Screen was to determine whether the historical dry cleaning operations at the subject property had created a vapor encroachment condition, defined as “the presence or likely presence of vapors in the subsurface of the subject property caused by the release of vapors from contaminated soil or groundwater either on or near the subject property” (*Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions, ASTM E2600*).

### **Soil Vapor Sampling**

Five sub-slab soil vapor samples (SS-1 through SS-5) and one exterior soil vapor sample (SV-6) were collected at the property at the locations depicted in Figure 1. Sampling was performed in conformity with the “*Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York*” (NYSDOH Guidance). Copies of field notes generated during the investigation are enclosed.

The sub-slab soil vapor samples were collected utilizing a power drill, a 1-foot long drill bit, dedicated Teflon tubing and volatile organic compound (VOC) free putty for sealant. A 6-Liter stainless steel Summa canister with a flow regulator set to a flow rate of approximately 0.025 liters per minute was connected to the Teflon tubing exiting each soil vapor probe. Once the canisters were in place, the flow regulators were opened and sampling continued for approximately 4 hours until the canisters were full. Copies of field notes generated during the investigation are enclosed.

The six soil vapor samples were transmitted under chain of custody to York Analytical Laboratories, Inc. (NYSDOH #10854). All samples were analyzed for VOCs in accordance with USEPA Method TO-15. Copies of the laboratory reports are also enclosed.

### Soil Vapor Analysis

Table 1 summarizes the concentrations of chlorinated VOCs detected in soil vapor as compared to soil vapor screening levels contained in Matrix 1 and Matrix 2 of the NYSDOH Guidance. Tetrachloroethene (PCE) was detected in sub-slab soil vapor samples SS-1 through SS-5 at concentrations of 250,000  $\mu\text{g}/\text{m}^3$ ; 990,000  $\mu\text{g}/\text{m}^3$ ; 2,800  $\mu\text{g}/\text{m}^3$ ; 480,000  $\mu\text{g}/\text{m}^3$ , and 1,100  $\mu\text{g}/\text{m}^3$ , respectively. PCE was also detected in soil vapor sample SV-6 at a concentration of 12,000  $\mu\text{g}/\text{m}^3$ . The NYSDOH soil vapor screening level for PCE is 100  $\mu\text{g}/\text{m}^3$ .

Trichloroethylene (TCE) was also detected in sub-slab soil vapor samples SS-1 through SS-5 at concentrations of 43,000  $\mu\text{g}/\text{m}^3$ ; 220,000  $\mu\text{g}/\text{m}^3$ ; 490  $\mu\text{g}/\text{m}^3$ ; 72,000  $\mu\text{g}/\text{m}^3$ , and 33  $\mu\text{g}/\text{m}^3$ , respectively. TCE was also detected in soil vapor sample SV-6 at a concentration of 370  $\mu\text{g}/\text{m}^3$ . The NYSDOH soil vapor screening level for TCE is 5  $\mu\text{g}/\text{m}^3$ .

The soil vapor samples contained other VOCs. Soil vapor samples SS-1, SS-2, SS-4, and SV-6 contained cis-1,2-Dichloroethene at concentrations of 32,000  $\mu\text{g}/\text{m}^3$ ; 20,000  $\mu\text{g}/\text{m}^3$ ; 160,000  $\mu\text{g}/\text{m}^3$ ; and 180  $\mu\text{g}/\text{m}^3$ , respectively. The NYSDOH soil vapor screening level for cis-1,2-Dichloroethene is 100  $\mu\text{g}/\text{m}^3$ . Sub-slab soil vapor sample SS-4 contained Vinyl Chloride and 1,1-Dichloroethene at concentrations of 46  $\mu\text{g}/\text{m}^3$  and 300  $\mu\text{g}/\text{m}^3$ , respectively. The NYSDOH soil vapor screening level for Vinyl Chloride and 1,1-Dichloroethene are 5  $\mu\text{g}/\text{m}^3$  and 100  $\mu\text{g}/\text{m}^3$ , respectively.

Table 1							
Chlorinated Volatile Organic Compounds in Soil Vapor							
Sample ID	NYSDOH Soil Vapor Screening Level	SS-1	SS-2	SS-3	SS-4	SS-5	SV-6
Sampling Date		3/21/17	3/21/17	3/21/17	3/21/17	3/21/17	3/21/17
Parameters							
Tetrachloroethene	100 <sup>2</sup>	250,000	990,000	2,800	480,000	1,100	12,000
Trichloroethene	5 <sup>1</sup>	43,000	220,000	490	72,000	33	370
Carbon tetrachloride	5 <sup>1</sup>	ND	ND	ND	ND	ND	ND
Vinyl Chloride	5 <sup>1</sup>	ND	ND	ND	46	ND	ND
1,1,1-Trichloroethane	100 <sup>2</sup>	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	100 <sup>2</sup>	ND	ND	ND	300	ND	ND
cis-1,2-Dichloroethene	100 <sup>2</sup>	32,000	20,000	24	160,000	ND	180
All units in $\mu\text{g}/\text{m}^3$							
EPA Method TO-15							
Highlighted values signify detection above screening level							
ND= Compound not detected							
<sup>1</sup> Matrix 1, NYSDOH "Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York" (October 2006)							
<sup>2</sup> Matrix 2, NYSDOH "Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York" (October 2006)							

April 19, 2017  
Stephany Espinal  
Flushing Bank



### **Conclusions and Recommendations**

Based upon the results of the Tier II VE Screen, ACT makes the following conclusions and recommendations concerning the environmental quality of the subject property:

- The presence of Trichloroethene and Tetrachloroethylene in soil vapor above NYSDOH soil vapor screening levels indicates that a Vapor Encroachment Condition exists beneath the subject property. The concentrations of these and other VOCs in soil vapor beneath the Site also indicate that a source of soil and/or groundwater contamination may be present beneath the subject property.
- An active Sub-Slab Depressurization Systems (SSDS) should be installed beneath the building to prevent contaminated soil vapor from migrating into air inside the building. Given the size of the building, the cost to install an active SSDS should not exceed \$50,000. The cost for long term operation, maintenance and monitoring cannot be determined at this time.
- ACT recommends that the Site be enrolled into the NYSDEC Brownfield Cleanup Program where future investigations can receive the review and approval of the NYSDEC and NYSDOH. The cost for this task cannot be determined at this time.

Please feel free to contact the undersigned should you have any questions or comments concerning the above.

Dated April 7, 2017:

Very truly yours,

Paul P. Stewart, MS, QEP  
President

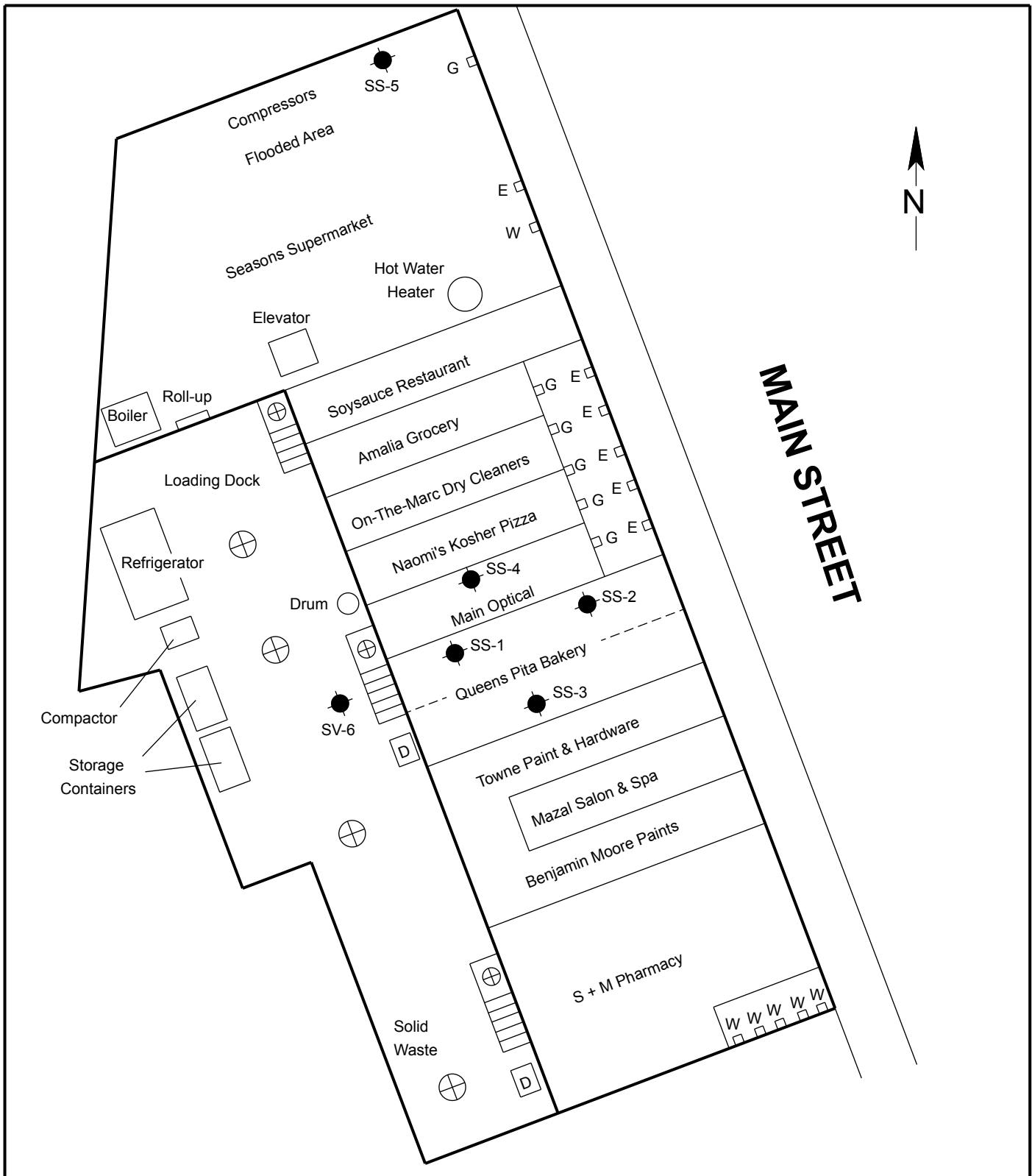




## **EXCLUSIONS AND DISCLAIMER**

The purpose of this investigation was to assess the potential environmental liabilities at the subject site with respect to data, which Advanced Cleanup Technologies, Inc. has accumulated during the Phase II Environmental Site Assessment. The conclusions presented in this report are based solely on the observations of the site at the time of the investigation. Data provided, including information provided by others, was utilized in assessing the site conditions. The accuracy of this report is subject to the accuracy of the information provided. Advanced Cleanup Technologies, Inc. is not responsible for areas not seen or information not collected. This report is given without a warranty or guarantee of any kind, expressed or implied. Advanced Cleanup Technologies, Inc. assumes no responsibility for losses associated with the use of this report.

## FIGURES



## Legend



Soil Vapor / Sub-Slab Soil Vapor Sampling Location

## Sampling Diagram

Advanced Cleanup Technologies, Inc.  
ENVIRONMENTAL CONSULTANTS

110 Main Street, Suite 103, Port Washington, New York 11050  
Tel: 516-441-5800 Fax: 516-441-5511

Project No.: 9233-KGNY

Figure No.: 1

Date: 03/31/2017

Scale: Not To Scale

## **TABLES**

Table 1

# Chlorinated Volatile Organic Compounds in Soil Vapor

Sample ID	NYSDOH Soil Vapor Screening Level	SS-1 3/21/17	SS-2 3/21/17	SS-3 3/21/17	SS-4 3/21/17	SS-5 3/21/17	SV-6 3/21/17
Sampling Date							
Parameters							
Tetrachloroethene	100 <sup>2</sup>	250,000	990,000	2,800	480,000	1,100	12,000
Trichloroethene	5 <sup>1</sup>	43,000	220,000	490	72,000	33	370
Carbon tetrachloride	5 <sup>1</sup>	ND	ND	ND	ND	ND	ND
Vinyl Chloride	5 <sup>1</sup>	ND	ND	ND	46	ND	ND
1,1,1-Trichloroethane	100 <sup>2</sup>	ND	ND	ND	ND	ND	ND
1,1,1-Dichloroethene	100 <sup>2</sup>	ND	ND	ND	300	ND	ND
cis-1,2-Dichloroethene	100 <sup>2</sup>	32,000	20,000	24	160,000	ND	180

All units in  $\mu\text{g}/\text{m}^3$

EPA Method TO-15

Highlighted values signify detection above screening level

ND= Compound not detected

<sup>1</sup> Matrix 1, NYSDOH "Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York" (October 2006)

<sup>2</sup> Matrix 2, NYSDOH "Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York" (October 2006)



## **APPENDIX A**

## **FIELD NOTES**



Tim Young <timy@act.earth>

## 9233-KGNY Soil Vapor Survey

Jessica Lam <jessical@act.earth>

Mon, Mar 20, 2017 at 2:07 PM

To: Tim Young <timy@actenvirons.com>

Cc: Alex Keenan <alexk@act.earth>, Mark Gelband <markg@act.earth>

Tim,

Here are the proposed sampling points for tomorrow's project. All points are in the basement besides SV-6, which is in the parking lot.

### **Bakery** (former dry cleaner)

SS-1 and SS-2 in the northern portion and SS-3 in the southern portion of the basements ✓

### **Optical**

SS-4 in the basement ✓

### **Supermarket**

SS-5 in the northern portion of the basement

(to address any vapors from the adjacent filling station to the north)

### **Parking Lot**

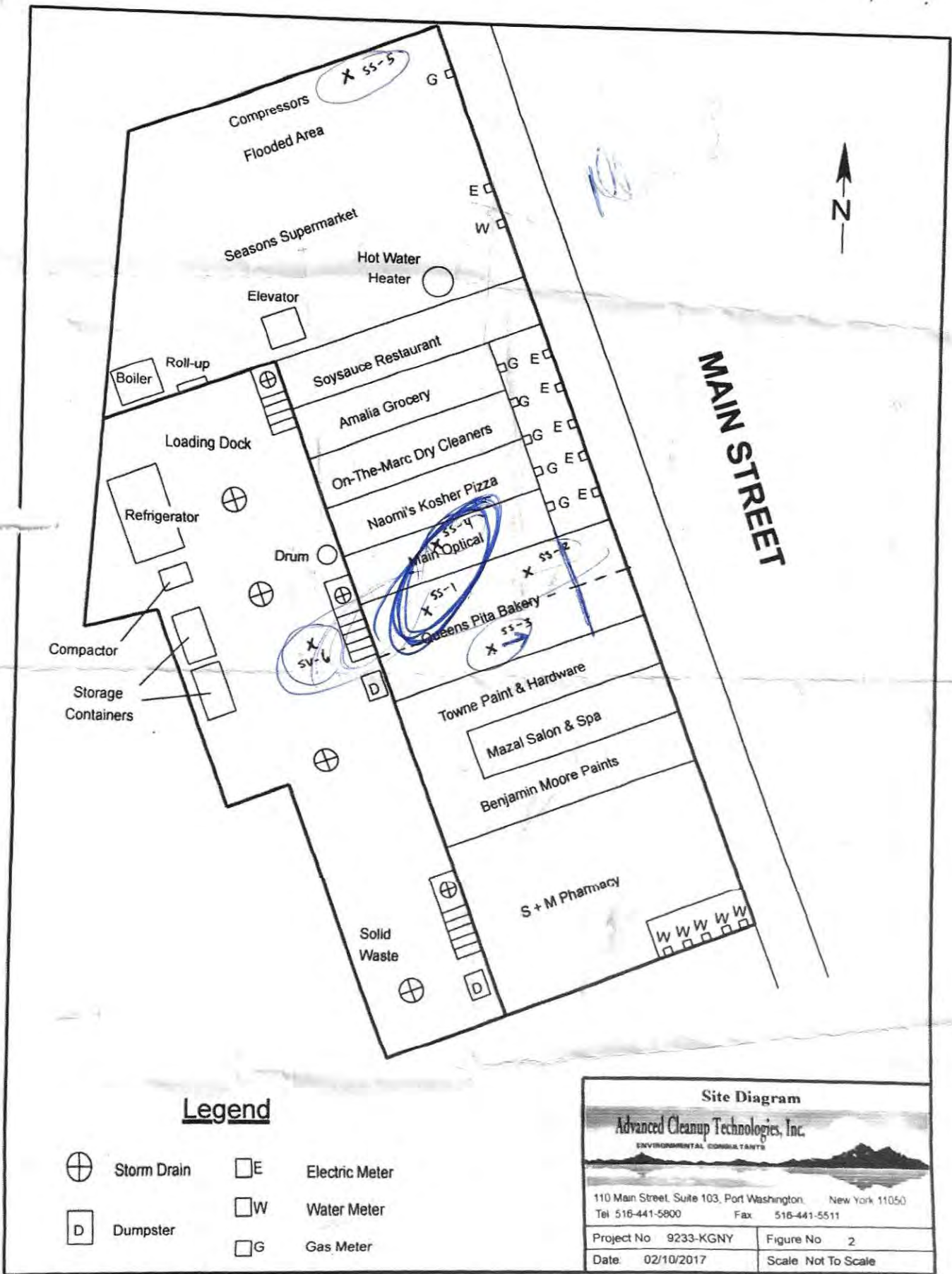
SV-6 at the rear of the bakery ✓



2017-03-20 14.01.50.pdf

201K

68-16  
68-48  
Main St. Kew Gardens



960 S. Broadway Hicksville, NY

Date: 3/21/17

SAMPLE INFORMATION RECORD

PROJECT NO.: 9233-KONY Sampling Personnel: TY JL

Job Locations: Queens Pita Bakery (former Dry cleaner)

Field Sample Designation: SS-1 Time: \_\_\_\_\_

Weather: cloudy ~50's Temperature: \_\_\_\_\_

SAMPLE TYPE:

GROUNDWATER: \_\_\_\_\_ SEDIMENT: \_\_\_\_\_

SURFACE WATER: \_\_\_\_\_ SOIL: \_\_\_\_\_

AIR: sub slab OTHER (describe): \_\_\_\_\_

GROUNDWATER INFORMATION:

Depth to Groundwater: \_\_\_\_\_ Measurement Method: \_\_\_\_\_

Depth of well or Sampling Point: \_\_\_\_\_ Measurement Method: \_\_\_\_\_

Volume of Groundwater Purged: \_\_\_\_\_ Purge Method: photovac

FIELD TEST RESULTS:

Color: \_\_\_\_\_ pH: \_\_\_\_\_ Odor: \_\_\_\_\_

Temperature (°F/°C): \_\_\_\_\_ Specific Conductance (µmhos/cm): \_\_\_\_\_

Other: PID: \_\_\_\_\_ ppm Helium Detector: \_\_\_\_\_ ppm

Canister #: 448 Initial Pressure: -29 Start Time: 1042

Flow Regulator #: 5122 Final Pressure: -9 End Time: 1411

SAMPLE ANALYSIS:

70-15 \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

REMARKS:

sub-slab style - PID purge 8-10 secs  
West Basement 130 ppm



960 S. Broadway Hicksville, NY

Date: 3/21/17

SAMPLE INFORMATION RECORD

PROJECT NO.: 9233-KONY Sampling Personnel: TY JL

Job Locations: Queens Pita Bakery (former Dry cleaner)

Field Sample Designation: SS-2 Time: \_\_\_\_\_

Weather: cloudy 50's Temperature: \_\_\_\_\_

SAMPLE TYPE:

GROUNDWATER: \_\_\_\_\_

SEDIMENT: \_\_\_\_\_

SURFACE WATER: \_\_\_\_\_

SOIL: \_\_\_\_\_

AIR: sub slab

OTHER (describe): \_\_\_\_\_

GROUNDWATER INFORMATION:

Depth to Groundwater: \_\_\_\_\_

Measurement Method: \_\_\_\_\_

Depth of well or Sampling Point: \_\_\_\_\_

Measurement Method: \_\_\_\_\_

Volume of Groundwater Purged: \_\_\_\_\_

Purge Method: photo vac

FIELD TEST RESULTS:

Color: \_\_\_\_\_

pH: \_\_\_\_\_

Odor: \_\_\_\_\_

Temperature (°F/°C): \_\_\_\_\_

Specific Conductance (µmhos/cm): \_\_\_\_\_

Other: PID: \_\_\_\_\_ ppm

Helium Detector: \_\_\_\_\_ ppm

Canister #: Y54

Initial Pressure: -28

Start Time: 1040

Flow Regulator #: Y3

Final Pressure: -7

End Time: 1410

SAMPLE ANALYSIS:

TO-15 \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

REMARKS:

sub slab style - P.O purge 8-10 secs  
east basement 0.0 ppm

960 S. Broadway Hicksville, NY

Date: 3/21/17

SAMPLE INFORMATION RECORD

PROJECT NO.: 9233-KGNY Sampling Personnel: TY JL

Job Locations: Queens Pita Bakery (former dry cleaners)

Field Sample Designation: SS-3 Time: \_\_\_\_\_

Weather: cloudy 50's Temperature: \_\_\_\_\_

SAMPLE TYPE:

GROUNDWATER: \_\_\_\_\_ SEDIMENT: \_\_\_\_\_

SURFACE WATER: \_\_\_\_\_ SOIL: \_\_\_\_\_

AIR: sub slab OTHER (describe): \_\_\_\_\_

GROUNDWATER INFORMATION:

Depth to Groundwater: \_\_\_\_\_ Measurement Method: \_\_\_\_\_

Depth of well or Sampling Point: \_\_\_\_\_ Measurement Method: \_\_\_\_\_

Volume of Groundwater Purged: \_\_\_\_\_ Purge Method: photo vac

FIELD TEST RESULTS:

Color: \_\_\_\_\_ pH: \_\_\_\_\_ Odor: \_\_\_\_\_

Temperature (°F/°C): \_\_\_\_\_ Specific Conductance (µmhos/cm): \_\_\_\_\_

Other: PID: \_\_\_\_\_ ppm Helium Detector: \_\_\_\_\_ ppm

Canister #: Y85 Initial Pressure: -30 Start Time: 1050

Flow Regulator #: 3351 Final Pressure: -10 End Time: 1428

SAMPLE ANALYSIS:

TO-15 \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

REMARKS:

sub slab style - PID purge 8-10 secs  
South basement 1.0 ppm



960 S. Broadway Hicksville, NY

Date: 3/21/17

SAMPLE INFORMATION RECORD

PROJECT NO.: 9233-KGNF Sampling Personnel: TY JL

Job Locations: Main Optical

Field Sample Designation: SS-4 Time: \_\_\_\_\_

Weather: cloudy 50's Temperature: \_\_\_\_\_

SAMPLE TYPE:

GROUNDWATER: \_\_\_\_\_ SEDIMENT: \_\_\_\_\_

SURFACE WATER: \_\_\_\_\_ SOIL: \_\_\_\_\_

AIR: sub-slab OTHER (describe): \_\_\_\_\_

GROUNDWATER INFORMATION:

Depth to Groundwater: \_\_\_\_\_ Measurement Method: \_\_\_\_\_

Depth of well or Sampling Point: \_\_\_\_\_ Measurement Method: \_\_\_\_\_

Volume of Groundwater Purged: \_\_\_\_\_ Purge Method: photo vac

FIELD TEST RESULTS:

Color: \_\_\_\_\_ pH: \_\_\_\_\_ Odor: \_\_\_\_\_

Temperature (°F/°C): \_\_\_\_\_ Specific Conductance (µmhos/cm): \_\_\_\_\_

Other: PID: \_\_\_\_\_ ppm Helium Detector: \_\_\_\_\_ ppm

Canister #: Y67 Initial Pressure: -30 Start Time: 1055

Flow Regulator #: 5121 Final Pressure: -9 End Time: 1431

SAMPLE ANALYSIS:

TO-15 \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

REMARKS:

sub slab style - PID purge 8-10 secs  
600+ ppm

960 S. Broadway Hicksville, NY

Date: 3/21/17

SAMPLE INFORMATION RECORD

PROJECT NO.: 9233-KGNY Sampling Personnel: TY SL

Job Locations: Secsons Supermarket

Field Sample Designation: SS-5 Time: \_\_\_\_\_

Weather: \_\_\_\_\_ Temperature: \_\_\_\_\_

SAMPLE TYPE:

GROUNDWATER: \_\_\_\_\_ SEDIMENT: \_\_\_\_\_

SURFACE WATER: \_\_\_\_\_ SOIL: \_\_\_\_\_

AIR: sub-slab OTHER (describe): \_\_\_\_\_

GROUNDWATER INFORMATION:

Depth to Groundwater: \_\_\_\_\_ Measurement Method: \_\_\_\_\_

Depth of well or Sampling Point: \_\_\_\_\_ Measurement Method: \_\_\_\_\_

Volume of Groundwater Purged: \_\_\_\_\_ Purge Method: photosac

FIELD TEST RESULTS:

Color: \_\_\_\_\_ pH: \_\_\_\_\_ Odor: \_\_\_\_\_

Temperature (°F/°C): \_\_\_\_\_ Specific Conductance (µmhos/cm): \_\_\_\_\_

Other: PID: \_\_\_\_\_ ppm Helium Detector: \_\_\_\_\_ ppm

Canister #: Y50 Initial Pressure: -27 Start Time: 1105

Flow Regulator #: 7419 Final Pressure: -8 End Time: 1416

SAMPLE ANALYSIS:

TO-15 \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

REMARKS:

sub slab style - PID purge 8-10 seconds  
1.0 ppm  
North Basement



960 S. Broadway Hicksville, NY

Date: 3/21/17

SAMPLE INFORMATION RECORD

PROJECT NO.: 9233-KGNY Sampling Personnel: TY JL

Job Locations: Back parking lot

Field Sample Designation: SV-6 Time:

Weather: cloudy 50's Temperature:

SAMPLE TYPE:

GROUNDWATER: SEDIMENT:

SURFACE WATER: SOIL:

AIR: sub slab OTHER (describe):

GROUNDWATER INFORMATION:

Depth to Groundwater: Measurement Method:

Depth of well or Sampling Point: Measurement Method:

Volume of Groundwater Purged: Purge Method: photo vac

FIELD TEST RESULTS:

Color: pH: Odor:

Temperature (°F/°C): Specific Conductance (µmhos/cm):

Other: PID: ppm Helium Detector: ppm

Canister #: Y80 Initial Pressure: -30 Start Time: 1115

Flow Regulator #: 7420 Final Pressure: -10 End Time: 1420

SAMPLE ANALYSIS:

T0-15

REMARKS:

sub slab style - pin probe 8-10 sec

4.0 ppm

behind Bakery  
(active area)

## **APPENDIX B**

### **LABORATORY REPORTS**



# Technical Report

prepared for:

**Advanced Cleanup Technologies, Inc.**  
110 Main Street  
Port Washington NY, 11050  
**Attention: Jessica Lam**

Report Date: 03/30/2017  
**Client Project ID: 9233-KGNY**  
York Project (SDG) No.: 17C0779

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

120 RESEARCH DRIVE  
[www.YORKLAB.com](http://www.YORKLAB.com)

STRATFORD, CT 06615  
(203) 325-1371

132-02 89th AVENUE  
FAX (203) 357-0166

RICHMOND HILL, NY 11418  
[ClientServices@yorklab.com](mailto:ClientServices@yorklab.com)



Report Date: 03/30/2017  
Client Project ID: 9233-KGNY  
York Project (SDG) No.: 17C0779

**Advanced Cleanup Technologies, Inc.**  
110 Main Street  
Port Washington NY, 11050  
Attention: Jessica Lam

---

## 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 March 22, 2017 and listed below. The project was identified as your project: **9233-KGNY**.

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
17C0779-01	SS-1	Soil Vapor	03/21/2017	03/22/2017
17C0779-02	SS-2	Soil Vapor	03/21/2017	03/22/2017
17C0779-03	SS-3	Soil Vapor	03/21/2017	03/22/2017
17C0779-04	SS-4	Soil Vapor	03/21/2017	03/22/2017
17C0779-05	SS-5	Soil Vapor	03/21/2017	03/22/2017
17C0779-06	SV-6	Soil Vapor	03/21/2017	03/22/2017

## **General Notes for York Project (SDG) No.: 17C0779**

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.
9. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

**Approved By:**



Benjamin Gulizia  
Laboratory Director

**Date:** 03/30/2017





## Sample Information

**Client Sample ID:** SS-1

**York Sample ID:** 17C0779-01

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

17C0779

9233-KGNY

Soil Vapor

March 21, 2017 3:00 pm

03/22/2017

### 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/m <sup>3</sup>	64	64	92.92	EPA TO-15 Certifications:	03/24/2017 05:49	03/24/2017 05:49	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m <sup>3</sup>	51	51	92.92	EPA TO-15 Certifications:	03/24/2017 05:49	03/24/2017 05:49	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m <sup>3</sup>	64	64	92.92	EPA TO-15 Certifications:	03/24/2017 05:49	03/24/2017 05:49	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m <sup>3</sup>	71	71	92.92	EPA TO-15 Certifications:	03/24/2017 05:49	03/24/2017 05:49	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m <sup>3</sup>	51	51	92.92	EPA TO-15 Certifications:	03/24/2017 05:49	03/24/2017 05:49	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m <sup>3</sup>	38	38	92.92	EPA TO-15 Certifications:	03/24/2017 05:49	03/24/2017 05:49	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m <sup>3</sup>	37	37	92.92	EPA TO-15 Certifications:	03/24/2017 05:49	03/24/2017 05:49	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m <sup>3</sup>	69	69	92.92	EPA TO-15 Certifications:	03/24/2017 05:49	03/24/2017 05:49	LDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m <sup>3</sup>	46	46	92.92	EPA TO-15 Certifications:	03/24/2017 05:49	03/24/2017 05:49	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m <sup>3</sup>	71	71	92.92	EPA TO-15 Certifications:	03/24/2017 05:49	03/24/2017 05:49	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m <sup>3</sup>	56	56	92.92	EPA TO-15 Certifications:	03/24/2017 05:49	03/24/2017 05:49	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m <sup>3</sup>	38	38	92.92	EPA TO-15 Certifications:	03/24/2017 05:49	03/24/2017 05:49	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m <sup>3</sup>	43	43	92.92	EPA TO-15 Certifications:	03/24/2017 05:49	03/24/2017 05:49	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m <sup>3</sup>	65	65	92.92	EPA TO-15 Certifications:	03/24/2017 05:49	03/24/2017 05:49	LDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m <sup>3</sup>	46	46	92.92	EPA TO-15 Certifications:	03/24/2017 05:49	03/24/2017 05:49	LDS
106-99-0	1,3-Butadiene	ND		ug/m <sup>3</sup>	62	62	92.92	EPA TO-15 Certifications:	03/24/2017 05:49	03/24/2017 05:49	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m <sup>3</sup>	56	56	92.92	EPA TO-15 Certifications:	03/24/2017 05:49	03/24/2017 05:49	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m <sup>3</sup>	43	43	92.92	EPA TO-15 Certifications:	03/24/2017 05:49	03/24/2017 05:49	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m <sup>3</sup>	56	56	92.92	EPA TO-15 Certifications:	03/24/2017 05:49	03/24/2017 05:49	LDS
123-91-1	1,4-Dioxane	ND		ug/m <sup>3</sup>	67	67	92.92	EPA TO-15 Certifications:	03/24/2017 05:49	03/24/2017 05:49	LDS



## Sample Information

**Client Sample ID:** SS-1

**York Sample ID:** 17C0779-01

York Project (SDG) No.  
17C0779

Client Project ID  
9233-KGNY

Matrix  
Soil Vapor

Collection Date/Time  
March 21, 2017 3:00 pm

Date Received  
03/22/2017

### 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
78-93-3	2-Butanone	ND		ug/m <sup>3</sup>	27	27	92.92	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:49	03/24/2017 05:49	LDS
591-78-6	* 2-Hexanone	ND		ug/m <sup>3</sup>	76	76	92.92	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:49	03/24/2017 05:49	LDS
107-05-1	3-Chloropropene	ND		ug/m <sup>3</sup>	150	150	92.92	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:49	03/24/2017 05:49	LDS
108-10-1	4-Methyl-2-pentanone	ND		ug/m <sup>3</sup>	38	38	92.92	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:49	03/24/2017 05:49	LDS
67-64-1	<b>Acetone</b>	<b>46</b>		ug/m <sup>3</sup>	44	44	92.92	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:49	03/24/2017 05:49	LDS
107-13-1	Acrylonitrile	ND		ug/m <sup>3</sup>	20	20	92.92	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:49	03/24/2017 05:49	LDS
71-43-2	Benzene	ND		ug/m <sup>3</sup>	30	30	92.92	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:49	03/24/2017 05:49	LDS
100-44-7	Benzyl chloride	ND		ug/m <sup>3</sup>	48	48	92.92	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:49	03/24/2017 05:49	LDS
75-27-4	Bromodichloromethane	ND		ug/m <sup>3</sup>	62	62	92.92	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:49	03/24/2017 05:49	LDS
75-25-2	Bromoform	ND		ug/m <sup>3</sup>	96	96	92.92	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:49	03/24/2017 05:49	LDS
74-83-9	Bromomethane	ND		ug/m <sup>3</sup>	36	36	92.92	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:49	03/24/2017 05:49	LDS
75-15-0	Carbon disulfide	ND		ug/m <sup>3</sup>	29	29	92.92	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:49	03/24/2017 05:49	LDS
56-23-5	Carbon tetrachloride	ND		ug/m <sup>3</sup>	15	15	92.92	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:49	03/24/2017 05:49	LDS
108-90-7	Chlorobenzene	ND		ug/m <sup>3</sup>	43	43	92.92	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:49	03/24/2017 05:49	LDS
75-00-3	Chloroethane	ND		ug/m <sup>3</sup>	25	25	92.92	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:49	03/24/2017 05:49	LDS
67-66-3	<b>Chloroform</b>	<b>120</b>		ug/m <sup>3</sup>	45	45	92.92	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:49	03/24/2017 05:49	LDS
74-87-3	Chloromethane	ND		ug/m <sup>3</sup>	19	19	92.92	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:49	03/24/2017 05:49	LDS
156-59-2	<b>cis-1,2-Dichloroethylene</b>	<b>32000</b>		ug/m <sup>3</sup>	180	180	464.6	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/27/2017 20:31	03/27/2017 20:31	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	42	42	92.92	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:49	03/24/2017 05:49	LDS
110-82-7	Cyclohexane	ND		ug/m <sup>3</sup>	32	32	92.92	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:49	03/24/2017 05:49	LDS
124-48-1	Dibromochloromethane	ND		ug/m <sup>3</sup>	79	79	92.92	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:49	03/24/2017 05:49	LDS
75-71-8	Dichlorodifluoromethane	ND		ug/m <sup>3</sup>	46	46	92.92	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:49	03/24/2017 05:49	LDS



## Sample Information

**Client Sample ID:** SS-1

**York Sample ID:** 17C0779-01

York Project (SDG) No.  
17C0779

Client Project ID  
9233-KGNY

Matrix  
Soil Vapor

Collection Date/Time  
March 21, 2017 3:00 pm

Date Received  
03/22/2017

### 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
141-78-6	* Ethyl acetate	ND		ug/m <sup>3</sup>	67	67	92.92	EPA TO-15 Certifications:	03/24/2017 05:49	03/24/2017 05:49	LDS
100-41-4	Ethyl Benzene	ND		ug/m <sup>3</sup>	40	40	92.92	EPA TO-15 Certifications:	03/24/2017 05:49	03/24/2017 05:49	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m <sup>3</sup>	99	99	92.92	EPA TO-15 Certifications:	03/24/2017 05:49	03/24/2017 05:49	LDS
67-63-0	Isopropanol	ND		ug/m <sup>3</sup>	46	46	92.92	EPA TO-15 Certifications:	03/24/2017 05:49	03/24/2017 05:49	LDS
80-62-6	Methyl Methacrylate	ND		ug/m <sup>3</sup>	38	38	92.92	EPA TO-15 Certifications:	03/24/2017 05:49	03/24/2017 05:49	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m <sup>3</sup>	34	34	92.92	EPA TO-15 Certifications:	03/24/2017 05:49	03/24/2017 05:49	LDS
75-09-2	Methylene chloride	ND		ug/m <sup>3</sup>	65	65	92.92	EPA TO-15 Certifications:	03/24/2017 05:49	03/24/2017 05:49	LDS
142-82-5	n-Heptane	ND		ug/m <sup>3</sup>	38	38	92.92	EPA TO-15 Certifications:	03/24/2017 05:49	03/24/2017 05:49	LDS
110-54-3	n-Hexane	ND		ug/m <sup>3</sup>	33	33	92.92	EPA TO-15 Certifications:	03/24/2017 05:49	03/24/2017 05:49	LDS
95-47-6	o-Xylene	ND		ug/m <sup>3</sup>	40	40	92.92	EPA TO-15 Certifications:	03/24/2017 05:49	03/24/2017 05:49	LDS
179601-23-1	p- & m- Xylenes	ND		ug/m <sup>3</sup>	81	81	92.92	EPA TO-15 Certifications:	03/24/2017 05:49	03/24/2017 05:49	LDS
622-96-8	* p-Ethyltoluene	ND		ug/m <sup>3</sup>	46	46	92.92	EPA TO-15 Certifications:	03/24/2017 05:49	03/24/2017 05:49	LDS
115-07-1	* Propylene	ND		ug/m <sup>3</sup>	16	16	92.92	EPA TO-15 Certifications:	03/24/2017 05:49	03/24/2017 05:49	LDS
100-42-5	Styrene	ND		ug/m <sup>3</sup>	40	40	92.92	EPA TO-15 Certifications:	03/24/2017 05:49	03/24/2017 05:49	LDS
127-18-4	<b>Tetrachloroethylene</b>	<b>250000</b>		ug/m <sup>3</sup>	320	320	1858	EPA TO-15 Certifications:	03/28/2017 19:20	03/28/2017 19:20	LDS
109-99-9	* Tetrahydrofuran	ND		ug/m <sup>3</sup>	55	55	92.92	EPA TO-15 Certifications:	03/24/2017 05:49	03/24/2017 05:49	LDS
108-88-3	Toluene	ND		ug/m <sup>3</sup>	35	35	92.92	EPA TO-15 Certifications:	03/24/2017 05:49	03/24/2017 05:49	LDS
156-60-5	<b>trans-1,2-Dichloroethylene</b>	<b>350</b>		ug/m <sup>3</sup>	37	37	92.92	EPA TO-15 Certifications:	03/24/2017 05:49	03/24/2017 05:49	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	42	42	92.92	EPA TO-15 Certifications:	03/24/2017 05:49	03/24/2017 05:49	LDS
79-01-6	<b>Trichloroethylene</b>	<b>43000</b>		ug/m <sup>3</sup>	62	62	464.6	EPA TO-15 Certifications:	03/27/2017 20:31	03/27/2017 20:31	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m <sup>3</sup>	52	52	92.92	EPA TO-15 Certifications:	03/24/2017 05:49	03/24/2017 05:49	LDS
108-05-4	Vinyl acetate	ND		ug/m <sup>3</sup>	33	33	92.92	EPA TO-15 Certifications:	03/24/2017 05:49	03/24/2017 05:49	LDS





## Sample Information

**Client Sample ID:** SS-1

**York Sample ID:** 17C0779-01

York Project (SDG) No.  
17C0779

Client Project ID  
9233-KGNY

Matrix  
Soil Vapor

Collection Date/Time  
March 21, 2017 3:00 pm

Date Received  
03/22/2017

### 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
593-60-2	Vinyl bromide	ND		ug/m <sup>3</sup>	41	41	92.92	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:49	03/24/2017 05:49	LDS
75-01-4	Vinyl Chloride	ND		ug/m <sup>3</sup>	24	24	92.92	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:49	03/24/2017 05:49	LDS
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
460-00-4	Surrogate: <i>p</i> -Bromofluorobenzene	95.8 %			72-118						

## Sample Information

**Client Sample ID:** SS-2

**York Sample ID:** 17C0779-02

York Project (SDG) No.  
17C0779

Client Project ID  
9233-KGNY

Matrix  
Soil Vapor

Collection Date/Time  
March 21, 2017 3:00 pm

Date Received  
03/22/2017

### 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	64		ug/m <sup>3</sup>	16	16	24	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 02:40	03/24/2017 02:40	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m <sup>3</sup>	13	13	24	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 02:40	03/24/2017 02:40	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m <sup>3</sup>	16	16	24	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 02:40	03/24/2017 02:40	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m <sup>3</sup>	18	18	24	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 02:40	03/24/2017 02:40	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m <sup>3</sup>	13	13	24	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 02:40	03/24/2017 02:40	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m <sup>3</sup>	9.7	9.7	24	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 02:40	03/24/2017 02:40	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m <sup>3</sup>	9.5	9.5	24	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 02:40	03/24/2017 02:40	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m <sup>3</sup>	18	18	24	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 02:40	03/24/2017 02:40	LDS
95-63-6	1,2,4-Trimethylbenzene	190		ug/m <sup>3</sup>	12	12	24	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 02:40	03/24/2017 02:40	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m <sup>3</sup>	18	18	24	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 02:40	03/24/2017 02:40	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m <sup>3</sup>	14	14	24	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 02:40	03/24/2017 02:40	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m <sup>3</sup>	9.7	9.7	24	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 02:40	03/24/2017 02:40	LDS



## Sample Information

**Client Sample ID:** SS-2

**York Sample ID:** 17C0779-02

**York Project (SDG) No.**  
17C0779

**Client Project ID**  
9233-KGNY

**Matrix**  
Soil Vapor

**Collection Date/Time**  
March 21, 2017 3:00 pm

**Date Received**  
03/22/2017

### 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/m <sup>3</sup>	11	11	24	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 02:40	03/24/2017 02:40	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m <sup>3</sup>	17	17	24	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 02:40	03/24/2017 02:40	LDS
108-67-8	<b>1,3,5-Trimethylbenzene</b>	<b>52</b>		ug/m <sup>3</sup>	12	12	24	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 02:40	03/24/2017 02:40	LDS
106-99-0	1,3-Butadiene	ND		ug/m <sup>3</sup>	16	16	24	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 02:40	03/24/2017 02:40	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m <sup>3</sup>	14	14	24	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 02:40	03/24/2017 02:40	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m <sup>3</sup>	11	11	24	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 02:40	03/24/2017 02:40	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m <sup>3</sup>	14	14	24	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 02:40	03/24/2017 02:40	LDS
123-91-1	1,4-Dioxane	ND		ug/m <sup>3</sup>	17	17	24	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 02:40	03/24/2017 02:40	LDS
78-93-3	<b>2-Butanone</b>	<b>9.9</b>		ug/m <sup>3</sup>	7.1	7.1	24	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 02:40	03/24/2017 02:40	LDS
591-78-6	* 2-Hexanone	ND		ug/m <sup>3</sup>	20	20	24	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 02:40	03/24/2017 02:40	LDS
107-05-1	3-Chloropropene	ND		ug/m <sup>3</sup>	38	38	24	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 02:40	03/24/2017 02:40	LDS
108-10-1	4-Methyl-2-pentanone	ND		ug/m <sup>3</sup>	9.8	9.8	24	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 02:40	03/24/2017 02:40	LDS
67-64-1	<b>Acetone</b>	<b>160</b>		ug/m <sup>3</sup>	11	11	24	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 02:40	03/24/2017 02:40	LDS
107-13-1	Acrylonitrile	ND		ug/m <sup>3</sup>	5.2	5.2	24	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 02:40	03/24/2017 02:40	LDS
71-43-2	<b>Benzene</b>	<b>7.7</b>		ug/m <sup>3</sup>	7.7	7.7	24	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 02:40	03/24/2017 02:40	LDS
100-44-7	Benzyl chloride	ND		ug/m <sup>3</sup>	12	12	24	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 02:40	03/24/2017 02:40	LDS
75-27-4	Bromodichloromethane	ND		ug/m <sup>3</sup>	16	16	24	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 02:40	03/24/2017 02:40	LDS
75-25-2	Bromoform	ND		ug/m <sup>3</sup>	25	25	24	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 02:40	03/24/2017 02:40	LDS
74-83-9	Bromomethane	ND		ug/m <sup>3</sup>	9.3	9.3	24	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 02:40	03/24/2017 02:40	LDS
75-15-0	<b>Carbon disulfide</b>	<b>9.7</b>		ug/m <sup>3</sup>	7.5	7.5	24	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 02:40	03/24/2017 02:40	LDS
56-23-5	Carbon tetrachloride	ND		ug/m <sup>3</sup>	3.8	3.8	24	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 02:40	03/24/2017 02:40	LDS
108-90-7	<b>Chlorobenzene</b>	<b>33</b>		ug/m <sup>3</sup>	11	11	24	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 02:40	03/24/2017 02:40	LDS



## Sample Information

**Client Sample ID:** SS-2

**York Sample ID:** 17C0779-02

York Project (SDG) No.  
17C0779

Client Project ID  
9233-KGNY

Matrix  
Soil Vapor

Collection Date/Time  
March 21, 2017 3:00 pm

Date Received  
03/22/2017

### 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/m <sup>3</sup>	6.3	6.3	24	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 02:40	03/24/2017 02:40	LDS
67-66-3	<b>Chloroform</b>	<b>3200</b>		ug/m <sup>3</sup>	12	12	24	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 02:40	03/24/2017 02:40	LDS
74-87-3	Chloromethane	ND		ug/m <sup>3</sup>	5.0	5.0	24	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 02:40	03/24/2017 02:40	LDS
156-59-2	<b>cis-1,2-Dichloroethylene</b>	<b>20000</b>		ug/m <sup>3</sup>	380	380	960	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/27/2017 21:19	03/27/2017 21:19	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	11	11	24	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 02:40	03/24/2017 02:40	LDS
110-82-7	Cyclohexane	ND		ug/m <sup>3</sup>	8.3	8.3	24	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 02:40	03/24/2017 02:40	LDS
124-48-1	Dibromochloromethane	ND		ug/m <sup>3</sup>	20	20	24	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 02:40	03/24/2017 02:40	LDS
75-71-8	Dichlorodifluoromethane	ND		ug/m <sup>3</sup>	12	12	24	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 02:40	03/24/2017 02:40	LDS
141-78-6	* Ethyl acetate	ND		ug/m <sup>3</sup>	17	17	24	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 02:40	03/24/2017 02:40	LDS
100-41-4	Ethyl Benzene	ND		ug/m <sup>3</sup>	10	10	24	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 02:40	03/24/2017 02:40	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m <sup>3</sup>	26	26	24	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 02:40	03/24/2017 02:40	LDS
67-63-0	Isopropanol	ND		ug/m <sup>3</sup>	12	12	24	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 02:40	03/24/2017 02:40	LDS
80-62-6	Methyl Methacrylate	ND		ug/m <sup>3</sup>	9.8	9.8	24	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 02:40	03/24/2017 02:40	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m <sup>3</sup>	8.7	8.7	24	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 02:40	03/24/2017 02:40	LDS
75-09-2	<b>Methylene chloride</b>	<b>36</b>		ug/m <sup>3</sup>	17	17	24	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 02:40	03/24/2017 02:40	LDS
142-82-5	n-Heptane	ND		ug/m <sup>3</sup>	9.8	9.8	24	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 02:40	03/24/2017 02:40	LDS
110-54-3	n-Hexane	ND		ug/m <sup>3</sup>	8.5	8.5	24	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 02:40	03/24/2017 02:40	LDS
95-47-6	<b>o-Xylene</b>	<b>15</b>		ug/m <sup>3</sup>	10	10	24	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 02:40	03/24/2017 02:40	LDS
179601-23-1	<b>p- &amp; m- Xylenes</b>	<b>23</b>		ug/m <sup>3</sup>	21	21	24	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 02:40	03/24/2017 02:40	LDS
622-96-8	* <b>p-Ethyltoluene</b>	<b>77</b>		ug/m <sup>3</sup>	12	12	24	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 02:40	03/24/2017 02:40	LDS
115-07-1	* <b>Propylene</b>	<b>90</b>		ug/m <sup>3</sup>	4.1	4.1	24	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 02:40	03/24/2017 02:40	LDS
100-42-5	Styrene	ND		ug/m <sup>3</sup>	10	10	24	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 02:40	03/24/2017 02:40	LDS



## Sample Information

**Client Sample ID:** SS-2

**York Sample ID:** 17C0779-02RE2

York Project (SDG) No.

17C0779

Client Project ID

9233-KGNY

Matrix

Soil Vapor

Collection Date/Time

March 21, 2017 3:00 pm

Date Received

03/22/2017

### 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	<b>Tetrachloroethylene</b>	<b>990000</b>		ug/m <sup>3</sup>	650	650	3840	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/28/2017 20:07	03/28/2017 20:07	LDS
109-99-9	* Tetrahydrofuran	ND		ug/m <sup>3</sup>	14	14	24	EPA TO-15 Certifications:	03/24/2017 02:40	03/24/2017 02:40	LDS
108-88-3	<b>Toluene</b>	<b>14</b>		ug/m <sup>3</sup>	9.0	9.0	24	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 02:40	03/24/2017 02:40	LDS
156-60-5	<b>trans-1,2-Dichloroethylene</b>	<b>930</b>		ug/m <sup>3</sup>	9.5	9.5	24	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 02:40	03/24/2017 02:40	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	11	11	24	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 02:40	03/24/2017 02:40	LDS
79-01-6	<b>Trichloroethylene</b>	<b>220000</b>		ug/m <sup>3</sup>	130	130	960	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/27/2017 21:19	03/27/2017 21:19	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m <sup>3</sup>	13	13	24	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 02:40	03/24/2017 02:40	LDS
108-05-4	Vinyl acetate	ND		ug/m <sup>3</sup>	8.5	8.5	24	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 02:40	03/24/2017 02:40	LDS
593-60-2	Vinyl bromide	ND		ug/m <sup>3</sup>	10	10	24	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 02:40	03/24/2017 02:40	LDS
75-01-4	Vinyl Chloride	ND		ug/m <sup>3</sup>	6.1	6.1	24	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 02:40	03/24/2017 02:40	LDS
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
460-00-4	Surrogate: p-Bromofluorobenzene	99.1 %	72-118								

## Sample Information

**Client Sample ID:** SS-3

**York Sample ID:** 17C0779-03

York Project (SDG) No.

17C0779

Client Project ID

9233-KGNY

Matrix

Soil Vapor

Collection Date/Time

March 21, 2017 3:00 pm

Date Received

03/22/2017

### 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/m <sup>3</sup>	16	16	22.9	EPA TO-15 Certifications:	03/24/2017 03:27	03/24/2017 03:27	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m <sup>3</sup>	12	12	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 03:27	03/24/2017 03:27	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m <sup>3</sup>	16	16	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 03:27	03/24/2017 03:27	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m <sup>3</sup>	18	18	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 03:27	03/24/2017 03:27	LDS



## Sample Information

**Client Sample ID:** SS-3

**York Sample ID:** 17C0779-03

York Project (SDG) No.  
17C0779

Client Project ID  
9233-KGNY

Matrix  
Soil Vapor

Collection Date/Time  
March 21, 2017 3:00 pm

Date Received  
03/22/2017

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-00-5	1,1,2-Trichloroethane	ND		ug/m <sup>3</sup>	12	12	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 03:27	03/24/2017 03:27	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m <sup>3</sup>	9.3	9.3	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 03:27	03/24/2017 03:27	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m <sup>3</sup>	9.1	9.1	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 03:27	03/24/2017 03:27	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m <sup>3</sup>	17	17	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 03:27	03/24/2017 03:27	LDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m <sup>3</sup>	11	11	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 03:27	03/24/2017 03:27	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m <sup>3</sup>	18	18	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 03:27	03/24/2017 03:27	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m <sup>3</sup>	14	14	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 03:27	03/24/2017 03:27	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m <sup>3</sup>	9.3	9.3	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 03:27	03/24/2017 03:27	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m <sup>3</sup>	11	11	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 03:27	03/24/2017 03:27	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m <sup>3</sup>	16	16	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 03:27	03/24/2017 03:27	LDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m <sup>3</sup>	11	11	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 03:27	03/24/2017 03:27	LDS
106-99-0	1,3-Butadiene	ND		ug/m <sup>3</sup>	15	15	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 03:27	03/24/2017 03:27	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m <sup>3</sup>	14	14	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 03:27	03/24/2017 03:27	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m <sup>3</sup>	11	11	22.9	EPA TO-15 Certifications:	03/24/2017 03:27	03/24/2017 03:27	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m <sup>3</sup>	14	14	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 03:27	03/24/2017 03:27	LDS
123-91-1	1,4-Dioxane	ND		ug/m <sup>3</sup>	17	17	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 03:27	03/24/2017 03:27	LDS
78-93-3	<b>2-Butanone</b>	<b>28</b>		ug/m <sup>3</sup>	6.8	6.8	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 03:27	03/24/2017 03:27	LDS
591-78-6	* 2-Hexanone	ND		ug/m <sup>3</sup>	19	19	22.9	EPA TO-15 Certifications:	03/24/2017 03:27	03/24/2017 03:27	LDS
107-05-1	3-Chloropropene	ND		ug/m <sup>3</sup>	36	36	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 03:27	03/24/2017 03:27	LDS
108-10-1	4-Methyl-2-pentanone	ND		ug/m <sup>3</sup>	9.4	9.4	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 03:27	03/24/2017 03:27	LDS
67-64-1	<b>Acetone</b>	<b>150</b>		ug/m <sup>3</sup>	11	11	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 03:27	03/24/2017 03:27	LDS
107-13-1	Acrylonitrile	ND		ug/m <sup>3</sup>	5.0	5.0	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 03:27	03/24/2017 03:27	LDS





## Sample Information

**Client Sample ID:** SS-3

**York Sample ID:** 17C0779-03

York Project (SDG) No.  
17C0779

Client Project ID  
9233-KGNY

Matrix  
Soil Vapor

Collection Date/Time  
March 21, 2017 3:00 pm

Date Received  
03/22/2017

### 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
71-43-2	Benzene	ND		ug/m <sup>3</sup>	7.3	7.3	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 03:27	03/24/2017 03:27	LDS
100-44-7	Benzyl chloride	ND		ug/m <sup>3</sup>	12	12	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 03:27	03/24/2017 03:27	LDS
75-27-4	Bromodichloromethane	ND		ug/m <sup>3</sup>	15	15	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 03:27	03/24/2017 03:27	LDS
75-25-2	Bromoform	ND		ug/m <sup>3</sup>	24	24	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 03:27	03/24/2017 03:27	LDS
74-83-9	Bromomethane	ND		ug/m <sup>3</sup>	8.9	8.9	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 03:27	03/24/2017 03:27	LDS
75-15-0	<b>Carbon disulfide</b>	<b>10</b>		ug/m <sup>3</sup>	7.1	7.1	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 03:27	03/24/2017 03:27	LDS
56-23-5	Carbon tetrachloride	ND		ug/m <sup>3</sup>	3.6	3.6	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 03:27	03/24/2017 03:27	LDS
108-90-7	Chlorobenzene	ND		ug/m <sup>3</sup>	11	11	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 03:27	03/24/2017 03:27	LDS
75-00-3	Chloroethane	ND		ug/m <sup>3</sup>	6.0	6.0	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 03:27	03/24/2017 03:27	LDS
67-66-3	Chloroform	ND		ug/m <sup>3</sup>	11	11	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 03:27	03/24/2017 03:27	LDS
74-87-3	Chloromethane	ND		ug/m <sup>3</sup>	4.7	4.7	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 03:27	03/24/2017 03:27	LDS
156-59-2	<b>cis-1,2-Dichloroethylene</b>	<b>24</b>		ug/m <sup>3</sup>	9.1	9.1	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 03:27	03/24/2017 03:27	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	10	10	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 03:27	03/24/2017 03:27	LDS
110-82-7	Cyclohexane	ND		ug/m <sup>3</sup>	7.9	7.9	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 03:27	03/24/2017 03:27	LDS
124-48-1	Dibromochloromethane	ND		ug/m <sup>3</sup>	20	20	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 03:27	03/24/2017 03:27	LDS
75-71-8	Dichlorodifluoromethane	ND		ug/m <sup>3</sup>	11	11	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 03:27	03/24/2017 03:27	LDS
141-78-6	* Ethyl acetate	ND		ug/m <sup>3</sup>	17	17	22.9	EPA TO-15 Certifications:	03/24/2017 03:27	03/24/2017 03:27	LDS
100-41-4	Ethyl Benzene	ND		ug/m <sup>3</sup>	9.9	9.9	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 03:27	03/24/2017 03:27	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m <sup>3</sup>	24	24	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 03:27	03/24/2017 03:27	LDS
67-63-0	Isopropanol	ND		ug/m <sup>3</sup>	11	11	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 03:27	03/24/2017 03:27	LDS
80-62-6	Methyl Methacrylate	ND		ug/m <sup>3</sup>	9.4	9.4	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 03:27	03/24/2017 03:27	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m <sup>3</sup>	8.3	8.3	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 03:27	03/24/2017 03:27	LDS



## Sample Information

**Client Sample ID:** SS-3

**York Sample ID:** 17C0779-03

York Project (SDG) No.  
17C0779

Client Project ID  
9233-KGNY

Matrix  
Soil Vapor

Collection Date/Time  
March 21, 2017 3:00 pm

Date Received  
03/22/2017

### 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
75-09-2	Methylene chloride	27		ug/m <sup>3</sup>	16	16	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 03:27	03/24/2017 03:27	LDS
142-82-5	n-Heptane	ND		ug/m <sup>3</sup>	9.4	9.4	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 03:27	03/24/2017 03:27	LDS
110-54-3	n-Hexane	ND		ug/m <sup>3</sup>	8.1	8.1	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 03:27	03/24/2017 03:27	LDS
95-47-6	o-Xylene	ND		ug/m <sup>3</sup>	9.9	9.9	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 03:27	03/24/2017 03:27	LDS
179601-23-1	p- & m- Xylenes	ND		ug/m <sup>3</sup>	20	20	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 03:27	03/24/2017 03:27	LDS
622-96-8	* p-Ethyltoluene	ND		ug/m <sup>3</sup>	11	11	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 03:27	03/24/2017 03:27	LDS
115-07-1	* Propylene	39		ug/m <sup>3</sup>	3.9	3.9	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 03:27	03/24/2017 03:27	LDS
100-42-5	Styrene	ND		ug/m <sup>3</sup>	9.8	9.8	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 03:27	03/24/2017 03:27	LDS
127-18-4	Tetrachloroethylene	2800		ug/m <sup>3</sup>	3.9	3.9	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 03:27	03/24/2017 03:27	LDS
109-99-9	* Tetrahydrofuran	ND		ug/m <sup>3</sup>	14	14	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 03:27	03/24/2017 03:27	LDS
108-88-3	Toluene	11		ug/m <sup>3</sup>	8.6	8.6	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 03:27	03/24/2017 03:27	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m <sup>3</sup>	9.1	9.1	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 03:27	03/24/2017 03:27	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	10	10	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 03:27	03/24/2017 03:27	LDS
79-01-6	Trichloroethylene	490		ug/m <sup>3</sup>	3.1	3.1	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 03:27	03/24/2017 03:27	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m <sup>3</sup>	13	13	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 03:27	03/24/2017 03:27	LDS
108-05-4	Vinyl acetate	ND		ug/m <sup>3</sup>	8.1	8.1	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 03:27	03/24/2017 03:27	LDS
593-60-2	Vinyl bromide	ND		ug/m <sup>3</sup>	10	10	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 03:27	03/24/2017 03:27	LDS
75-01-4	Vinyl Chloride	ND		ug/m <sup>3</sup>	5.9	5.9	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 03:27	03/24/2017 03:27	LDS
Surrogate Recoveries		Result	Acceptance Range								
460-00-4	Surrogate: p-Bromofluorobenzene	93.9 %	72-118								



## Sample Information

**Client Sample ID:** SS-4

**York Sample ID:** 17C0779-04

York Project (SDG) No.  
17C0779

Client Project ID  
9233-KGNY

Matrix  
Soil Vapor

Collection Date/Time  
March 21, 2017 3:00 pm

Date Received  
03/22/2017

### 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	200		ug/m <sup>3</sup>	65	65	95.08	EPA TO-15 Certifications:	03/24/2017 06:36	03/24/2017 06:36	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m <sup>3</sup>	52	52	95.08	EPA TO-15 Certifications:	03/24/2017 06:36	03/24/2017 06:36	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m <sup>3</sup>	65	65	95.08	EPA TO-15 Certifications:	03/24/2017 06:36	03/24/2017 06:36	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m <sup>3</sup>	73	73	95.08	EPA TO-15 Certifications:	03/24/2017 06:36	03/24/2017 06:36	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m <sup>3</sup>	52	52	95.08	EPA TO-15 Certifications:	03/24/2017 06:36	03/24/2017 06:36	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m <sup>3</sup>	38	38	95.08	EPA TO-15 Certifications:	03/24/2017 06:36	03/24/2017 06:36	LDS
75-35-4	1,1-Dichloroethylene	300		ug/m <sup>3</sup>	38	38	95.08	EPA TO-15 Certifications:	03/24/2017 06:36	03/24/2017 06:36	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m <sup>3</sup>	71	71	95.08	EPA TO-15 Certifications:	03/24/2017 06:36	03/24/2017 06:36	LDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m <sup>3</sup>	47	47	95.08	EPA TO-15 Certifications:	03/24/2017 06:36	03/24/2017 06:36	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m <sup>3</sup>	73	73	95.08	EPA TO-15 Certifications:	03/24/2017 06:36	03/24/2017 06:36	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m <sup>3</sup>	57	57	95.08	EPA TO-15 Certifications:	03/24/2017 06:36	03/24/2017 06:36	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m <sup>3</sup>	38	38	95.08	EPA TO-15 Certifications:	03/24/2017 06:36	03/24/2017 06:36	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m <sup>3</sup>	44	44	95.08	EPA TO-15 Certifications:	03/24/2017 06:36	03/24/2017 06:36	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m <sup>3</sup>	66	66	95.08	EPA TO-15 Certifications:	03/24/2017 06:36	03/24/2017 06:36	LDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m <sup>3</sup>	47	47	95.08	EPA TO-15 Certifications:	03/24/2017 06:36	03/24/2017 06:36	LDS
106-99-0	1,3-Butadiene	ND		ug/m <sup>3</sup>	63	63	95.08	EPA TO-15 Certifications:	03/24/2017 06:36	03/24/2017 06:36	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m <sup>3</sup>	57	57	95.08	EPA TO-15 Certifications:	03/24/2017 06:36	03/24/2017 06:36	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m <sup>3</sup>	44	44	95.08	EPA TO-15 Certifications:	03/24/2017 06:36	03/24/2017 06:36	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m <sup>3</sup>	57	57	95.08	EPA TO-15 Certifications:	03/24/2017 06:36	03/24/2017 06:36	LDS
123-91-1	1,4-Dioxane	ND		ug/m <sup>3</sup>	69	69	95.08	EPA TO-15 Certifications:	03/24/2017 06:36	03/24/2017 06:36	LDS
78-93-3	2-Butanone	ND		ug/m <sup>3</sup>	28	28	95.08	EPA TO-15 Certifications:	03/24/2017 06:36	03/24/2017 06:36	LDS
591-78-6	* 2-Hexanone	ND		ug/m <sup>3</sup>	78	78	95.08	EPA TO-15 Certifications:	03/24/2017 06:36	03/24/2017 06:36	LDS



## Sample Information

**Client Sample ID:** SS-4

**York Sample ID:** 17C0779-04

**York Project (SDG) No.**  
17C0779

**Client Project ID**  
9233-KGNY

**Matrix**  
Soil Vapor

**Collection Date/Time**  
March 21, 2017 3:00 pm

**Date Received**  
03/22/2017

### 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
107-05-1	3-Chloropropene	ND		ug/m <sup>3</sup>	150	150	95.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 06:36	03/24/2017 06:36	LDS
108-10-1	4-Methyl-2-pentanone	ND		ug/m <sup>3</sup>	39	39	95.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 06:36	03/24/2017 06:36	LDS
67-64-1	<b>Acetone</b>	<b>140</b>		ug/m <sup>3</sup>	45	45	95.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 06:36	03/24/2017 06:36	LDS
107-13-1	Acrylonitrile	ND		ug/m <sup>3</sup>	21	21	95.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 06:36	03/24/2017 06:36	LDS
71-43-2	Benzene	ND		ug/m <sup>3</sup>	30	30	95.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 06:36	03/24/2017 06:36	LDS
100-44-7	Benzyl chloride	ND		ug/m <sup>3</sup>	49	49	95.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 06:36	03/24/2017 06:36	LDS
75-27-4	Bromodichloromethane	ND		ug/m <sup>3</sup>	64	64	95.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 06:36	03/24/2017 06:36	LDS
75-25-2	Bromoform	ND		ug/m <sup>3</sup>	98	98	95.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 06:36	03/24/2017 06:36	LDS
74-83-9	Bromomethane	ND		ug/m <sup>3</sup>	37	37	95.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 06:36	03/24/2017 06:36	LDS
75-15-0	Carbon disulfide	ND		ug/m <sup>3</sup>	30	30	95.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 06:36	03/24/2017 06:36	LDS
56-23-5	Carbon tetrachloride	ND		ug/m <sup>3</sup>	15	15	95.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 06:36	03/24/2017 06:36	LDS
108-90-7	<b>Chlorobenzene</b>	<b>44</b>		ug/m <sup>3</sup>	44	44	95.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 06:36	03/24/2017 06:36	LDS
75-00-3	Chloroethane	ND		ug/m <sup>3</sup>	25	25	95.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 06:36	03/24/2017 06:36	LDS
67-66-3	<b>Chloroform</b>	<b>1200</b>		ug/m <sup>3</sup>	46	46	95.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 06:36	03/24/2017 06:36	LDS
74-87-3	Chloromethane	ND		ug/m <sup>3</sup>	20	20	95.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 06:36	03/24/2017 06:36	LDS
156-59-2	<b>cis-1,2-Dichloroethylene</b>	<b>160000</b>		ug/m <sup>3</sup>	380	380	95.1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/27/2017 22:06	03/27/2017 22:06	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	43	43	95.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 06:36	03/24/2017 06:36	LDS
110-82-7	Cyclohexane	ND		ug/m <sup>3</sup>	33	33	95.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 06:36	03/24/2017 06:36	LDS
124-48-1	Dibromochloromethane	ND		ug/m <sup>3</sup>	81	81	95.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 06:36	03/24/2017 06:36	LDS
75-71-8	Dichlorodifluoromethane	ND		ug/m <sup>3</sup>	47	47	95.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 06:36	03/24/2017 06:36	LDS
141-78-6	* Ethyl acetate	ND		ug/m <sup>3</sup>	69	69	95.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 06:36	03/24/2017 06:36	LDS
100-41-4	Ethyl Benzene	ND		ug/m <sup>3</sup>	41	41	95.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 06:36	03/24/2017 06:36	LDS



## Sample Information

**Client Sample ID:** SS-4

**York Sample ID:** 17C0779-04

York Project (SDG) No.  
17C0779

Client Project ID  
9233-KGNY

Matrix  
Soil Vapor

Collection Date/Time  
March 21, 2017 3:00 pm

Date Received  
03/22/2017

### 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
87-68-3	Hexachlorobutadiene	ND		ug/m <sup>3</sup>	100	100	95.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 06:36	03/24/2017 06:36	LDS
67-63-0	Isopropanol	ND		ug/m <sup>3</sup>	47	47	95.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 06:36	03/24/2017 06:36	LDS
80-62-6	Methyl Methacrylate	ND		ug/m <sup>3</sup>	39	39	95.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 06:36	03/24/2017 06:36	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m <sup>3</sup>	34	34	95.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 06:36	03/24/2017 06:36	LDS
75-09-2	Methylene chloride	ND		ug/m <sup>3</sup>	66	66	95.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 06:36	03/24/2017 06:36	LDS
142-82-5	n-Heptane	ND		ug/m <sup>3</sup>	39	39	95.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 06:36	03/24/2017 06:36	LDS
110-54-3	n-Hexane	ND		ug/m <sup>3</sup>	34	34	95.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 06:36	03/24/2017 06:36	LDS
95-47-6	o-Xylene	ND		ug/m <sup>3</sup>	41	41	95.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 06:36	03/24/2017 06:36	LDS
179601-23-1	p- & m- Xylenes	ND		ug/m <sup>3</sup>	83	83	95.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 06:36	03/24/2017 06:36	LDS
622-96-8	* p-Ethyltoluene	ND		ug/m <sup>3</sup>	47	47	95.08	EPA TO-15 Certifications:	03/24/2017 06:36	03/24/2017 06:36	LDS
115-07-1	* Propylene	ND		ug/m <sup>3</sup>	16	16	95.08	EPA TO-15 Certifications:	03/24/2017 06:36	03/24/2017 06:36	LDS
100-42-5	Styrene	ND		ug/m <sup>3</sup>	41	41	95.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 06:36	03/24/2017 06:36	LDS
127-18-4	<b>Tetrachloroethylene</b>	<b>480000</b>		ug/m <sup>3</sup>	640	640	3803	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/28/2017 20:54	03/28/2017 20:54	LDS
109-99-9	* Tetrahydrofuran	ND		ug/m <sup>3</sup>	56	56	95.08	EPA TO-15 Certifications:	03/24/2017 06:36	03/24/2017 06:36	LDS
108-88-3	Toluene	ND		ug/m <sup>3</sup>	36	36	95.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 06:36	03/24/2017 06:36	LDS
156-60-5	<b>trans-1,2-Dichloroethylene</b>	<b>1700</b>		ug/m <sup>3</sup>	38	38	95.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 06:36	03/24/2017 06:36	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	43	43	95.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 06:36	03/24/2017 06:36	LDS
79-01-6	<b>Trichloroethylene</b>	<b>72000</b>		ug/m <sup>3</sup>	130	130	951	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/27/2017 22:06	03/27/2017 22:06	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m <sup>3</sup>	53	53	95.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 06:36	03/24/2017 06:36	LDS
108-05-4	Vinyl acetate	ND		ug/m <sup>3</sup>	33	33	95.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 06:36	03/24/2017 06:36	LDS
593-60-2	Vinyl bromide	ND		ug/m <sup>3</sup>	42	42	95.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 06:36	03/24/2017 06:36	LDS
75-01-4	<b>Vinyl Chloride</b>	<b>46</b>		ug/m <sup>3</sup>	24	24	95.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 06:36	03/24/2017 06:36	LDS





## Sample Information

**Client Sample ID:** SS-4

**York Sample ID:** 17C0779-04RE1

York Project (SDG) No.  
17C0779

Client Project ID  
9233-KGNY

Matrix  
Soil Vapor

Collection Date/Time  
March 21, 2017 3:00 pm

Date Received  
03/22/2017

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result	Acceptance Range								
460-00-4	Surrogate: p-Bromofluorobenzene	95.7 %	72-118								

## Sample Information

**Client Sample ID:** SS-5

**York Sample ID:** 17C0779-05

York Project (SDG) No.  
17C0779

Client Project ID  
9233-KGNY

Matrix  
Soil Vapor

Collection Date/Time  
March 21, 2017 3:00 pm

Date Received  
03/22/2017

### 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/m <sup>3</sup>	17	17	24.59	EPA TO-15 Certifications:	03/24/2017 04:15	03/24/2017 04:15	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m <sup>3</sup>	13	13	24.59	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 04:15	03/24/2017 04:15	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m <sup>3</sup>	17	17	24.59	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 04:15	03/24/2017 04:15	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m <sup>3</sup>	19	19	24.59	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 04:15	03/24/2017 04:15	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m <sup>3</sup>	13	13	24.59	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 04:15	03/24/2017 04:15	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m <sup>3</sup>	10	10	24.59	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 04:15	03/24/2017 04:15	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m <sup>3</sup>	9.7	9.7	24.59	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 04:15	03/24/2017 04:15	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m <sup>3</sup>	18	18	24.59	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 04:15	03/24/2017 04:15	LDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m <sup>3</sup>	12	12	24.59	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 04:15	03/24/2017 04:15	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m <sup>3</sup>	19	19	24.59	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 04:15	03/24/2017 04:15	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m <sup>3</sup>	15	15	24.59	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 04:15	03/24/2017 04:15	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m <sup>3</sup>	10	10	24.59	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 04:15	03/24/2017 04:15	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m <sup>3</sup>	11	11	24.59	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 04:15	03/24/2017 04:15	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m <sup>3</sup>	17	17	24.59	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 04:15	03/24/2017 04:15	LDS



## Sample Information

**Client Sample ID:** SS-5

**York Sample ID:** 17C0779-05

York Project (SDG) No.  
17C0779

Client Project ID  
9233-KGNY

Matrix  
Soil Vapor

Collection Date/Time  
March 21, 2017 3:00 pm

Date Received  
03/22/2017

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m <sup>3</sup>	12	12	24.59	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 04:15	03/24/2017 04:15	LDS
106-99-0	1,3-Butadiene	ND		ug/m <sup>3</sup>	16	16	24.59	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 04:15	03/24/2017 04:15	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m <sup>3</sup>	15	15	24.59	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 04:15	03/24/2017 04:15	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m <sup>3</sup>	11	11	24.59	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 04:15	03/24/2017 04:15	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m <sup>3</sup>	15	15	24.59	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 04:15	03/24/2017 04:15	LDS
123-91-1	1,4-Dioxane	ND		ug/m <sup>3</sup>	18	18	24.59	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 04:15	03/24/2017 04:15	LDS
78-93-3	2-Butanone	ND		ug/m <sup>3</sup>	7.3	7.3	24.59	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 04:15	03/24/2017 04:15	LDS
591-78-6	* 2-Hexanone	ND		ug/m <sup>3</sup>	20	20	24.59	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 04:15	03/24/2017 04:15	LDS
107-05-1	3-Chloropropene	ND		ug/m <sup>3</sup>	38	38	24.59	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 04:15	03/24/2017 04:15	LDS
108-10-1	4-Methyl-2-pentanone	ND		ug/m <sup>3</sup>	10	10	24.59	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 04:15	03/24/2017 04:15	LDS
67-64-1	<b>Acetone</b>	<b>39</b>		ug/m <sup>3</sup>	12	12	24.59	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 04:15	03/24/2017 04:15	LDS
107-13-1	Acrylonitrile	ND		ug/m <sup>3</sup>	5.3	5.3	24.59	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 04:15	03/24/2017 04:15	LDS
71-43-2	Benzene	ND		ug/m <sup>3</sup>	7.9	7.9	24.59	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 04:15	03/24/2017 04:15	LDS
100-44-7	Benzyl chloride	ND		ug/m <sup>3</sup>	13	13	24.59	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 04:15	03/24/2017 04:15	LDS
75-27-4	Bromodichloromethane	ND		ug/m <sup>3</sup>	16	16	24.59	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 04:15	03/24/2017 04:15	LDS
75-25-2	Bromoform	ND		ug/m <sup>3</sup>	25	25	24.59	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 04:15	03/24/2017 04:15	LDS
74-83-9	Bromomethane	ND		ug/m <sup>3</sup>	9.5	9.5	24.59	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 04:15	03/24/2017 04:15	LDS
75-15-0	Carbon disulfide	ND		ug/m <sup>3</sup>	7.7	7.7	24.59	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 04:15	03/24/2017 04:15	LDS
56-23-5	Carbon tetrachloride	ND		ug/m <sup>3</sup>	3.9	3.9	24.59	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 04:15	03/24/2017 04:15	LDS
108-90-7	Chlorobenzene	ND		ug/m <sup>3</sup>	11	11	24.59	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 04:15	03/24/2017 04:15	LDS
75-00-3	Chloroethane	ND		ug/m <sup>3</sup>	6.5	6.5	24.59	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 04:15	03/24/2017 04:15	LDS



## Sample Information

**Client Sample ID:** SS-5

**York Sample ID:** 17C0779-05

York Project (SDG) No.  
17C0779

Client Project ID  
9233-KGNY

Matrix  
Soil Vapor

Collection Date/Time  
March 21, 2017 3:00 pm

Date Received  
03/22/2017

### 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
67-66-3	Chloroform	ND		ug/m <sup>3</sup>	12	12	24.59	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 04:15	03/24/2017 04:15	LDS
74-87-3	Chloromethane	ND		ug/m <sup>3</sup>	5.1	5.1	24.59	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 04:15	03/24/2017 04:15	LDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m <sup>3</sup>	9.7	9.7	24.59	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 04:15	03/24/2017 04:15	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	11	11	24.59	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 04:15	03/24/2017 04:15	LDS
110-82-7	Cyclohexane	ND		ug/m <sup>3</sup>	8.5	8.5	24.59	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 04:15	03/24/2017 04:15	LDS
124-48-1	Dibromochloromethane	ND		ug/m <sup>3</sup>	21	21	24.59	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 04:15	03/24/2017 04:15	LDS
75-71-8	Dichlorodifluoromethane	ND		ug/m <sup>3</sup>	12	12	24.59	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 04:15	03/24/2017 04:15	LDS
141-78-6	* Ethyl acetate	ND		ug/m <sup>3</sup>	18	18	24.59	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 04:15	03/24/2017 04:15	LDS
100-41-4	Ethyl Benzene	ND		ug/m <sup>3</sup>	11	11	24.59	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 04:15	03/24/2017 04:15	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m <sup>3</sup>	26	26	24.59	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 04:15	03/24/2017 04:15	LDS
67-63-0	Isopropanol	ND		ug/m <sup>3</sup>	12	12	24.59	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 04:15	03/24/2017 04:15	LDS
80-62-6	Methyl Methacrylate	ND		ug/m <sup>3</sup>	10	10	24.59	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 04:15	03/24/2017 04:15	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m <sup>3</sup>	8.9	8.9	24.59	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 04:15	03/24/2017 04:15	LDS
75-09-2	Methylene chloride	ND		ug/m <sup>3</sup>	17	17	24.59	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 04:15	03/24/2017 04:15	LDS
142-82-5	n-Heptane	ND		ug/m <sup>3</sup>	10	10	24.59	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 04:15	03/24/2017 04:15	LDS
110-54-3	n-Hexane	ND		ug/m <sup>3</sup>	8.7	8.7	24.59	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 04:15	03/24/2017 04:15	LDS
95-47-6	o-Xylene	ND		ug/m <sup>3</sup>	11	11	24.59	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 04:15	03/24/2017 04:15	LDS
179601-23-1	p- & m- Xylenes	ND		ug/m <sup>3</sup>	21	21	24.59	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 04:15	03/24/2017 04:15	LDS
622-96-8	* p-Ethyltoluene	ND		ug/m <sup>3</sup>	12	12	24.59	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 04:15	03/24/2017 04:15	LDS
115-07-1	* Propylene	ND		ug/m <sup>3</sup>	4.2	4.2	24.59	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 04:15	03/24/2017 04:15	LDS
100-42-5	Styrene	ND		ug/m <sup>3</sup>	10	10	24.59	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 04:15	03/24/2017 04:15	LDS



## Sample Information

**Client Sample ID:** SS-5

**York Sample ID:** 17C0779-05

York Project (SDG) No.  
17C0779

Client Project ID  
9233-KGNY

Matrix  
Soil Vapor

Collection Date/Time  
March 21, 2017 3:00 pm

Date Received  
03/22/2017

### 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	1100		ug/m <sup>3</sup>	4.2	4.2	24.59	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 04:15	03/24/2017 04:15	LDS
109-99-9	* Tetrahydrofuran	ND		ug/m <sup>3</sup>	15	15	24.59	EPA TO-15 Certifications:	03/24/2017 04:15	03/24/2017 04:15	LDS
108-88-3	Toluene	ND		ug/m <sup>3</sup>	9.3	9.3	24.59	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 04:15	03/24/2017 04:15	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m <sup>3</sup>	9.7	9.7	24.59	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 04:15	03/24/2017 04:15	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	11	11	24.59	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 04:15	03/24/2017 04:15	LDS
79-01-6	Trichloroethylene	33		ug/m <sup>3</sup>	3.3	3.3	24.59	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 04:15	03/24/2017 04:15	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m <sup>3</sup>	14	14	24.59	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 04:15	03/24/2017 04:15	LDS
108-05-4	Vinyl acetate	ND		ug/m <sup>3</sup>	8.7	8.7	24.59	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 04:15	03/24/2017 04:15	LDS
593-60-2	Vinyl bromide	ND		ug/m <sup>3</sup>	11	11	24.59	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 04:15	03/24/2017 04:15	LDS
75-01-4	Vinyl Chloride	ND		ug/m <sup>3</sup>	6.3	6.3	24.59	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 04:15	03/24/2017 04:15	LDS
Surrogate Recoveries		Result	Acceptance Range								
460-00-4	Surrogate: p-Bromofluorobenzene	93.8 %	72-118								

## Sample Information

**Client Sample ID:** SV-6

**York Sample ID:** 17C0779-06

York Project (SDG) No.  
17C0779

Client Project ID  
9233-KGNY

Matrix  
Soil Vapor

Collection Date/Time  
March 21, 2017 3:00 pm

Date Received  
03/22/2017

### 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/m <sup>3</sup>	71	71	103.4	EPA TO-15 Certifications:	03/24/2017 05:02	03/24/2017 05:02	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m <sup>3</sup>	56	56	103.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:02	03/24/2017 05:02	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m <sup>3</sup>	71	71	103.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:02	03/24/2017 05:02	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m <sup>3</sup>	79	79	103.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:02	03/24/2017 05:02	LDS



## Sample Information

**Client Sample ID:** SV-6

**York Sample ID:** 17C0779-06

York Project (SDG) No.  
17C0779

Client Project ID  
9233-KGNY

Matrix  
Soil Vapor

Collection Date/Time  
March 21, 2017 3:00 pm

Date Received  
03/22/2017

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-00-5	1,1,2-Trichloroethane	ND		ug/m <sup>3</sup>	56	56	103.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:02	03/24/2017 05:02	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m <sup>3</sup>	42	42	103.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:02	03/24/2017 05:02	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m <sup>3</sup>	41	41	103.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:02	03/24/2017 05:02	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m <sup>3</sup>	77	77	103.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:02	03/24/2017 05:02	LDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m <sup>3</sup>	51	51	103.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:02	03/24/2017 05:02	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m <sup>3</sup>	79	79	103.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:02	03/24/2017 05:02	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m <sup>3</sup>	62	62	103.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:02	03/24/2017 05:02	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m <sup>3</sup>	42	42	103.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:02	03/24/2017 05:02	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m <sup>3</sup>	48	48	103.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:02	03/24/2017 05:02	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m <sup>3</sup>	72	72	103.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:02	03/24/2017 05:02	LDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m <sup>3</sup>	51	51	103.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:02	03/24/2017 05:02	LDS
106-99-0	1,3-Butadiene	ND		ug/m <sup>3</sup>	69	69	103.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:02	03/24/2017 05:02	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m <sup>3</sup>	62	62	103.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:02	03/24/2017 05:02	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m <sup>3</sup>	48	48	103.4	EPA TO-15 Certifications:	03/24/2017 05:02	03/24/2017 05:02	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m <sup>3</sup>	62	62	103.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:02	03/24/2017 05:02	LDS
123-91-1	1,4-Dioxane	ND		ug/m <sup>3</sup>	75	75	103.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:02	03/24/2017 05:02	LDS
78-93-3	2-Butanone	ND		ug/m <sup>3</sup>	30	30	103.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:02	03/24/2017 05:02	LDS
591-78-6	* 2-Hexanone	ND		ug/m <sup>3</sup>	85	85	103.4	EPA TO-15 Certifications:	03/24/2017 05:02	03/24/2017 05:02	LDS
107-05-1	3-Chloropropene	ND		ug/m <sup>3</sup>	160	160	103.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:02	03/24/2017 05:02	LDS
108-10-1	4-Methyl-2-pentanone	ND		ug/m <sup>3</sup>	42	42	103.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:02	03/24/2017 05:02	LDS
67-64-1	Acetone	ND		ug/m <sup>3</sup>	49	49	103.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:02	03/24/2017 05:02	LDS





## Sample Information

**Client Sample ID:** SV-6

**York Sample ID:** 17C0779-06

York Project (SDG) No.  
17C0779

Client Project ID  
9233-KGNY

Matrix  
Soil Vapor

Collection Date/Time  
March 21, 2017 3:00 pm

Date Received  
03/22/2017

### 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
107-13-1	Acrylonitrile	ND		ug/m <sup>3</sup>	22	22	103.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:02	03/24/2017 05:02	LDS
71-43-2	Benzene	ND		ug/m <sup>3</sup>	33	33	103.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:02	03/24/2017 05:02	LDS
100-44-7	Benzyl chloride	ND		ug/m <sup>3</sup>	54	54	103.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:02	03/24/2017 05:02	LDS
75-27-4	Bromodichloromethane	ND		ug/m <sup>3</sup>	69	69	103.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:02	03/24/2017 05:02	LDS
75-25-2	Bromoform	ND		ug/m <sup>3</sup>	110	110	103.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:02	03/24/2017 05:02	LDS
74-83-9	Bromomethane	ND		ug/m <sup>3</sup>	40	40	103.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:02	03/24/2017 05:02	LDS
75-15-0	Carbon disulfide	ND		ug/m <sup>3</sup>	32	32	103.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:02	03/24/2017 05:02	LDS
56-23-5	Carbon tetrachloride	ND		ug/m <sup>3</sup>	16	16	103.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:02	03/24/2017 05:02	LDS
108-90-7	Chlorobenzene	ND		ug/m <sup>3</sup>	48	48	103.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:02	03/24/2017 05:02	LDS
75-00-3	Chloroethane	ND		ug/m <sup>3</sup>	27	27	103.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:02	03/24/2017 05:02	LDS
67-66-3	Chloroform	ND		ug/m <sup>3</sup>	50	50	103.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:02	03/24/2017 05:02	LDS
74-87-3	Chloromethane	ND		ug/m <sup>3</sup>	21	21	103.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:02	03/24/2017 05:02	LDS
156-59-2	<b>cis-1,2-Dichloroethylene</b>	<b>180</b>		ug/m <sup>3</sup>	41	41	103.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:02	03/24/2017 05:02	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	47	47	103.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:02	03/24/2017 05:02	LDS
110-82-7	Cyclohexane	ND		ug/m <sup>3</sup>	36	36	103.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:02	03/24/2017 05:02	LDS
124-48-1	Dibromochloromethane	ND		ug/m <sup>3</sup>	88	88	103.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:02	03/24/2017 05:02	LDS
75-71-8	Dichlorodifluoromethane	ND		ug/m <sup>3</sup>	51	51	103.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:02	03/24/2017 05:02	LDS
141-78-6	* Ethyl acetate	ND		ug/m <sup>3</sup>	75	75	103.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:02	03/24/2017 05:02	LDS
100-41-4	Ethyl Benzene	ND		ug/m <sup>3</sup>	45	45	103.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:02	03/24/2017 05:02	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m <sup>3</sup>	110	110	103.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:02	03/24/2017 05:02	LDS
67-63-0	Isopropanol	ND		ug/m <sup>3</sup>	51	51	103.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:02	03/24/2017 05:02	LDS



## Sample Information

**Client Sample ID:** SV-6

**York Sample ID:** 17C0779-06

York Project (SDG) No.  
17C0779

Client Project ID  
9233-KGNY

Matrix  
Soil Vapor

Collection Date/Time  
March 21, 2017 3:00 pm

Date Received  
03/22/2017

### 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
80-62-6	Methyl Methacrylate	ND		ug/m <sup>3</sup>	42	42	103.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:02	03/24/2017 05:02	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m <sup>3</sup>	37	37	103.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:02	03/24/2017 05:02	LDS
75-09-2	Methylene chloride	ND		ug/m <sup>3</sup>	72	72	103.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:02	03/24/2017 05:02	LDS
142-82-5	n-Heptane	ND		ug/m <sup>3</sup>	42	42	103.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:02	03/24/2017 05:02	LDS
110-54-3	n-Hexane	ND		ug/m <sup>3</sup>	36	36	103.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:02	03/24/2017 05:02	LDS
95-47-6	o-Xylene	ND		ug/m <sup>3</sup>	45	45	103.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:02	03/24/2017 05:02	LDS
179601-23-1	p- & m- Xylenes	ND		ug/m <sup>3</sup>	90	90	103.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:02	03/24/2017 05:02	LDS
622-96-8	* p-Ethyltoluene	ND		ug/m <sup>3</sup>	51	51	103.4	EPA TO-15 Certifications:	03/24/2017 05:02	03/24/2017 05:02	LDS
115-07-1	* Propylene	ND		ug/m <sup>3</sup>	18	18	103.4	EPA TO-15 Certifications:	03/24/2017 05:02	03/24/2017 05:02	LDS
100-42-5	Styrene	ND		ug/m <sup>3</sup>	44	44	103.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:02	03/24/2017 05:02	LDS
127-18-4	<b>Tetrachloroethylene</b>	<b>12000</b>		ug/m <sup>3</sup>	18	18	103.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:02	03/24/2017 05:02	LDS
109-99-9	* Tetrahydrofuran	ND		ug/m <sup>3</sup>	61	61	103.4	EPA TO-15 Certifications:	03/24/2017 05:02	03/24/2017 05:02	LDS
108-88-3	Toluene	ND		ug/m <sup>3</sup>	39	39	103.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:02	03/24/2017 05:02	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m <sup>3</sup>	41	41	103.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:02	03/24/2017 05:02	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	47	47	103.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:02	03/24/2017 05:02	LDS
79-01-6	<b>Trichloroethylene</b>	<b>370</b>		ug/m <sup>3</sup>	14	14	103.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:02	03/24/2017 05:02	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m <sup>3</sup>	58	58	103.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:02	03/24/2017 05:02	LDS
108-05-4	Vinyl acetate	ND		ug/m <sup>3</sup>	36	36	103.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:02	03/24/2017 05:02	LDS
593-60-2	Vinyl bromide	ND		ug/m <sup>3</sup>	45	45	103.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:02	03/24/2017 05:02	LDS
75-01-4	Vinyl Chloride	ND		ug/m <sup>3</sup>	26	26	103.4	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/24/2017 05:02	03/24/2017 05:02	LDS
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
460-00-4	Surrogate: p-Bromofluorobenzene	91.2 %	72-118								





## Notes and Definitions

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
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 detected analytes only.
<hr/>	
*	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.

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## Page \_\_\_\_\_ of \_\_\_\_\_

York Project No. 17C0779

**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.

Report Type/Deliverables
Summary Report
Summary w/ QA Summary
CT RCP Package
NY ASP A Package
NY ASP B/CLP Pkg
NIDEP Reduced
<i>Electronic Deliverables:</i>
EDD (Specify Type)
Standard Excel
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.*

**Please enter the following Field Data**

Sampling Media	
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	
6 Liter canister	
Tedlar Bag	
6 Liter canister	
Tedlar Bag	

<u>Chlorine</u>	<u>3/22/17 9:50 AM</u>
Samples Relinquished By	Date/Time
<u>JAMES GAMES</u>	<u>3-22-17 21:05</u>
Samples Relinquished By	Date/Time

B3ch 3/22/17 959A	Date/Time
<i>[Signature]</i>	3-22-17 2:105
Samples Received by	Date/Time
	LAB by

## APPENDIX E

### Phase II Environmental Site Assessment

# Advanced Cleanup Technologies, Inc.

## ENVIRONMENTAL CONSULTANTS

May 19, 2017

Stephany Espinal  
Flushing Bank  
220 RXR Plaza  
Uniondale, NY 11556

Re: Phase II Subsurface Investigation  
68-16 to 68-48 Main Street  
Kew Gardens, NY 11367

Dear Ms. Espinal,

Advanced Cleanup Technologies, Inc. (ACT) performed a Phase II Subsurface Investigation at the above referenced property on May 2, 2017. The purpose for the investigation was to delineate the extent of soil vapor impacts beneath the property and to determine whether a source of soil contamination may be present. The methodology and results of the investigation are provided below. A diagram of sampling locations (Figure 2) is attached. Sampling was performed in conformity with the "*Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York*" (NYSDOH Guidance). Copies of field notes prepared during the investigation are attached.

### **Soil Vapor Sampling**

Three sub-slab soil vapor samples were collected in additional tenant basements to precisely determine the extent of sub-slab soil vapor impacts. Sub-slab soil vapor sample, SS-5 (New) was collected beneath 68-24 Main Street (Amalia Grocery); sub-slab soil vapor sample, SS-6 was collected beneath 68-18 Main Street (Seasons Supermarket); and sub-slab soil vapor sample, SS-7 was collected beneath 68-42 Main Street (Towne Paint and Hardware).

The sub-slab soil vapor samples were collected utilizing a power drill, a 1-foot long drill bit, dedicated Teflon tubing and volatile organic compound (VOC) free putty for sealant. A 6-Liter stainless steel Summa canister with a flow regulator set to a flow rate of approximately 0.025 liters per minute was connected to the Teflon tubing exiting each soil vapor probe. Once the canisters were in place, the flow regulators were opened and sampling continued for approximately 4 hours until the canisters were full.





The three soil vapor samples were transmitted under chain of custody to York Analytical Laboratories, Inc. (NYSDOH #10854). All samples were analyzed for VOCs in accordance with USEPA Method TO-15. Copies of the laboratory reports are also attached.

### **Soil Sampling**

Three shallow soil samples (SB-1 through SB-3) were collected in the vicinity of impacted soil vapor identified during the Tier II Vapor Encroachment Screen. Soil sample SB-1 was collected in front of the northern portion of the basement of 68-34 Main Street (Queens Pita Bakery) where soil vapor sample SS-2 was collected. Soil sample SB-2 was collected to the west of SS-2 in the back of the same basement. Soil sample SB-3 was collected to the north of SS-2 in the basement of 68-30 Main Street (Main Optical).

A rotary hammer was utilized to access the subsurface through the concrete foundation slab. Soil was excavated from each location with a hand auger. The T-handle of the auger was rotated until sufficient volume of soil was retrieved from the location. The bucket auger was emptied of its contents at the surface. The retrieved soil was screened with a Photoionization Detector (PID) to determine the concentration of Volatile Organic Compounds (VOCs). The PID is capable of detecting VOCs to a concentration as low as 1 part per billion. The soil was containerized into laboratory-supplied glassware and placed in a chilled cooler and stored in a refrigerator until delivery by courier to an analytical laboratory. Proper chain of custody documentation accompanied the samples to York Analytical Laboratories, Inc. (NYSDOH #10854). The samples were analyzed for VOCs according to USEPA Method 8260. Copies of the laboratory reports are also enclosed.

### **Soil Vapor Analysis**

The NYSDOH has screening values for seven CVOCs Tetrachloroethylene, Trichloroethylene, Carbon Tetrachloride, Vinyl Chloride, 1,1,1-Trichloroethane, 1,1 Dichloroethene, and cis-1,2-Dichloroethene. Three CVOCs exceeded their NYSDOH soil vapor screening levels. Tetrachloroethylene, Trichloroethylene and Cis-1,2-Dichloroethylene were detected at concentrations of 43,000, 4,400 and 7,500  $\mu\text{g}/\text{m}^3$ , were detected in all soil vapor samples. As expected, higher concentrations were found closer to SS-2 and decreased with distance from SS-2. The extent of soil vapor impacts beneath the subject property appears to have been fully delineated.

### **Soil Quality**

The soil quality beneath the site was investigated through the collection of three shallow soil samples installed in proximity to SS-2. The laboratory analytical report revealed that Tetrachloroethylene was detected at 1,200 mg/kg, 3.5 mg/kg, and 3.4 mg/kg in SB-1, SB-2 and

May 19, 2017  
Stephany Espinal  
Flushing Bank



SB-3, respectively. The Commercial Use Soil Cleanup Objective (CSCO) is 150 mg/kg for Tetrachloroethylene, which was exceeded in soil sample SB-1. Trichloroethylene was detected at 64 mg/kg, 0.22 mg/kg and non-detect in SB-1, SB-2, and SB-3, respectively. The CSCO is 200 mg/kg for Trichloroethylene. Cis-1,2-Dichloroethylene was non-detect in the three soil samples (SB-1, SB-2 and SB-3).

### **Conclusions and Recommendations**

Based upon the results of the Phase II Subsurface Investigation, ACT makes the following conclusions and recommendations concerning the environmental quality of the subject property:

- An apparent source of soil and soil vapor contamination appears to present beneath the front of the northern portion of the basement of 68-34 Main Street (Queens Pita Bakery);
- Upon commencement of intrusive work at the property, proper health and safety protocols should be implemented to protect workers and the general public.

Please feel free to contact the undersigned should you have any questions or comments concerning the above.

Dated May 18, 2017:

Very truly yours,

Paul P. Stewart, MS, QEP  
President



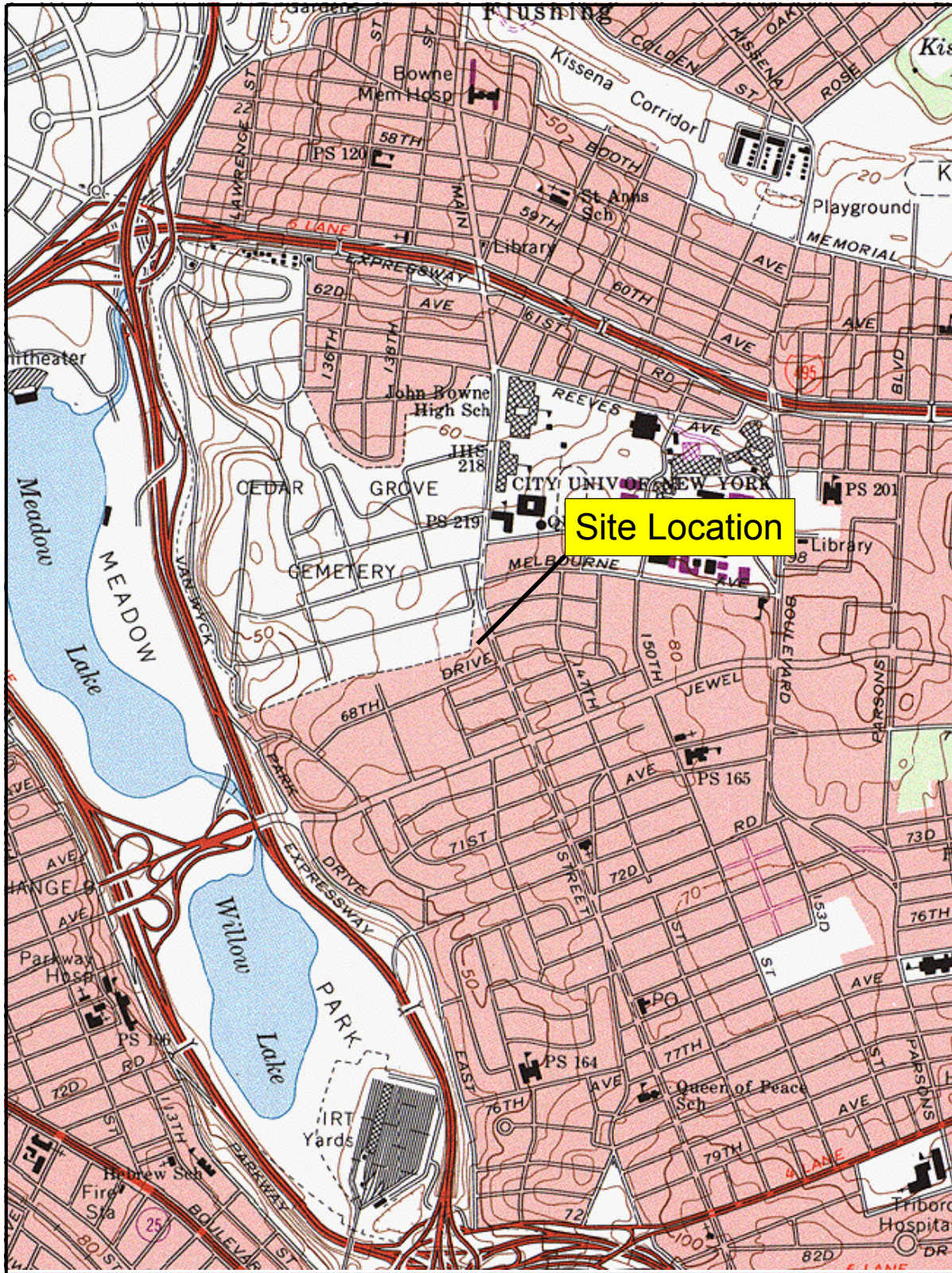
## **EXCLUSIONS AND DISCLAIMER**

The purpose of this investigation was to assess the potential environmental liabilities at the subject site with respect to data, which Advanced Cleanup Technologies, Inc. has accumulated during the Phase II Environmental Site Assessment. The conclusions presented in this report are based solely on the observations of the site at the time of the investigation. Data provided, including information provided by others, was utilized in assessing the site conditions. The accuracy of this report is subject to the accuracy of the information provided. Advanced Cleanup Technologies, Inc. is not responsible for areas not seen or information not collected. This report is given without a warranty or guarantee of any kind, expressed or implied. Advanced Cleanup Technologies, Inc. assumes no responsibility for losses associated with the use of this report.



## FIGURES





From USGS 7.5 Minute Topographic Map of  
Jamaica, NY Quadrangle



### Locational Diagram

Advanced Cleanup Technologies, Inc.  
ENVIRONMENTAL CONSULTANTS

110 Main Street, Suite 103, Port Washington, New York 11050  
Tel: 516-441-5800 Fax: 516-441-5511

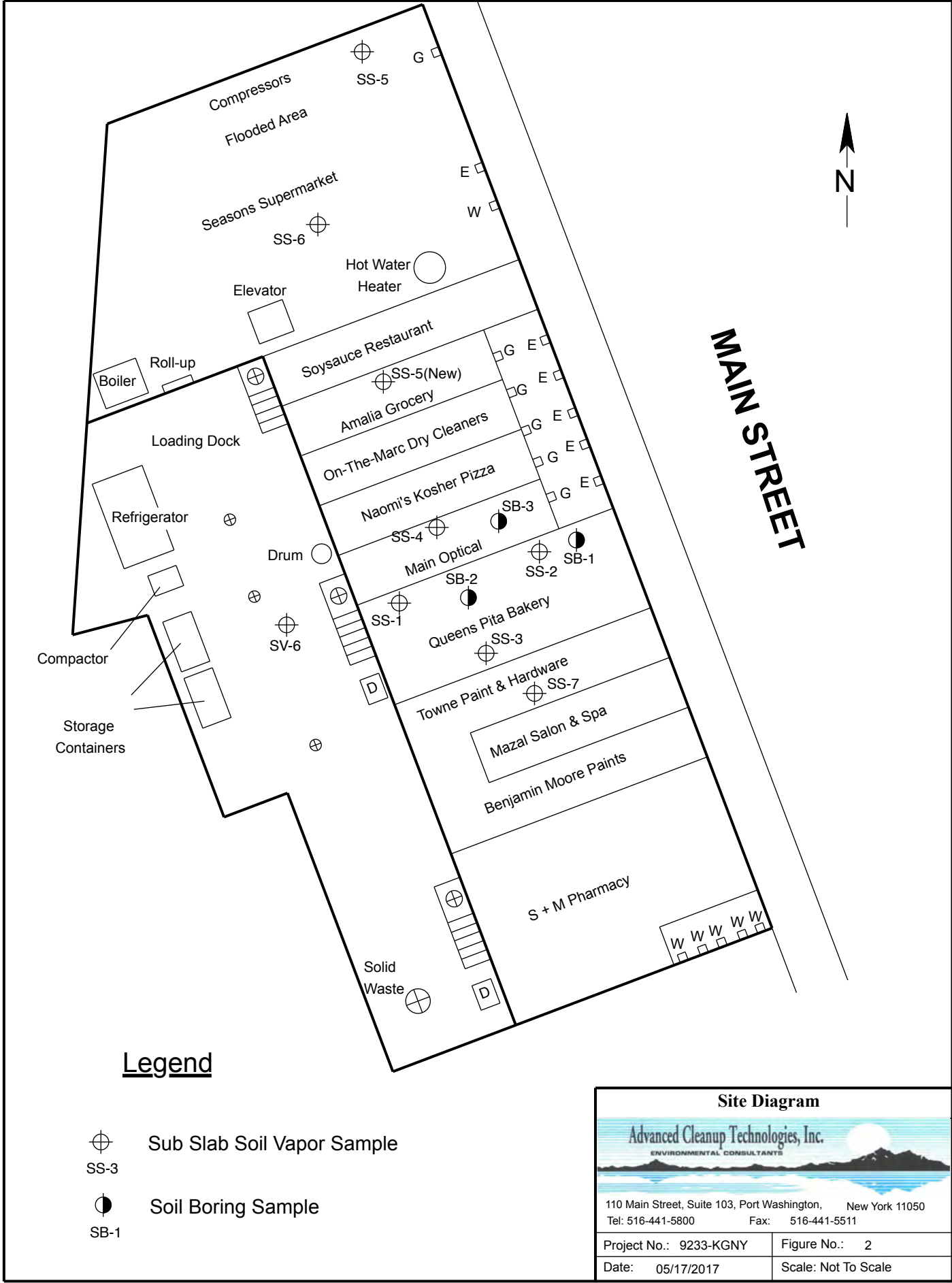
Project No.: 9233-KGNY

Figure No.: 1

Date: 01/30/2017

Scale: Not To Scale





## **APPENDIX A**

## **FIELD NOTES**

SB-1 located E of  
old machine platform  
close to SS-2 (East of SS-2)  
FIELD  
SOIL BORING LOG

Page 1 of \_\_\_\_

Advanced Cleanup Technologies, Inc.  
ENVIRONMENTAL CONSULTANTS

960 S. Broadway  
Hicksville NY

JOB No.: 4233-KGNY

BORING NUMBER: SB-1

LOCATION: Queens Pk. Bakery

DATE: 5/2/17

WEATHER: Sunny

Drilling Method: Direct Push drilling technology- AUGER

Warm

Depth (ft. bgs)	Depth (ft)	Recovery (ft)	PID (ppm)	USCS Symbol	Description	Environmental Description
1	0-4	↑	350 ppm		Concrete 1-2" inches thin slab light brown to medium brown sands, silty nodules shallow - medium brown layers - silty / compact	Sample 0-2' 1205
2		↑	540 ppm			
3		↑	900 ppm			
4		↑	800 ppm			
		↑	650 ppm			
		individual buckets				
5	4-8				<p>VERY HIGH P.105</p> <p>50 ppm - 400 ppm</p> <p>while Augering</p>	6000 ppb IA
6						
7						
8						
9	8-12				<p>7880 ppm - +9000 ppm</p> <p>downhole (VERY HIGH LEVELS)</p> <p>* Face marks w/ Vapor Filters utilized</p>	
10						
11						
12						



SB-2 located to West  
of old machine platform  
in SS-1 area

Page 1 of \_\_\_\_

FIELD  
SOIL BORING LOG

Advanced Cleanup Technologies, Inc.  
ENVIRONMENTAL CONSULTANTS

960 S. Broadway  
Hicksville NY

JOB No.:

9233-KGNY

LOCATION:

Queens Piter Bakery

BORING NUMBER:

SB-2

DATE:

5/2/17

WEATHER:

Sunny

Warm

Drilling Method:

Direct Push drilling technology- AVEER

Depth (ft. bgs)	Depth (ft)	Recovery (ft)	PID (ppm)	USCS Symbol	Description	Environmental Description
1	0-4		10.06 ppm		concrete ~3" inches light brown to dark brown (silt) fine grained soils. rounded gravels - matrix dark brown silts - compact orange to orange brown medium sands silty - compact	~2000 ppb IA  Sample 0-1.5 1300
			7770 ppb			
			21.4 ppm			
2			4830 ppb			
	4-8	↑ individual buckets	3900 ppb		thin slab compact silts below	
3						
4						
5	8-12					
6						
7						
8						
9						
10						
11						
12						

SB-3 located about  
mid basement on N side  
old machine pad

Page 1 of \_\_\_\_

# FIELD SOIL BORING LOG

Advanced Cleanup Technologies, Inc.  
ENVIRONMENTAL CONSULTANTS

960 S. Broadway  
Hicksville NY

JOB No.: 9233-KGNY

BORING NUMBER: SB-3

LOCATION: Optical

DATE: 5/2/17

WEATHER: sunny

Drilling Method: Direct Push drilling technology- AUGER

warm

Depth (ft. bgs)	Depth (ft)	Recovery (ft)	PID (ppm)	USCS Symbol	Description	Environmental Description
			10 ppm		concrete ~2" thick - <del>rock</del>	
1			8756 ppb		light brown to medium brown fine sands/sails	~2300 ppb - 5200 ppb IA
			27 ppm *		darker brown silty layers - compact	
2	0-4		30 ppm *		compact very silty orange silts	Sample
			29 ppm		medium to fine	<del>1-2'</del>
3		↑ initial bucket screenings	22 ppm			1-2' L430
4						
5						
6	4-8				thin slab	
7					very silty	
8					compact below	
9						
10	8-12					
11						
12						

960 S. Broadway Hicksville, NY

Date: 5/2

SAMPLE INFORMATION RECORD

PROJECT NO.: 9233-KGNY Sampling Personnel: TY Andrew PS  
Job Locations: Amelia Grocery  
Field Sample Designation: SS-5 Time: 10 AM  
Weather: Sunny warm Temperature: \_\_\_\_\_

SAMPLE TYPE:

GROUNDWATER: \_\_\_\_\_

SEDIMENT: \_\_\_\_\_

SURFACE WATER: \_\_\_\_\_

SOIL: \_\_\_\_\_

AIR: sub slab

OTHER (describe): \_\_\_\_\_

GROUNDWATER INFORMATION:

Depth to Groundwater: \_\_\_\_\_

Measurement Method: \_\_\_\_\_

Depth of well or Sampling Point: \_\_\_\_\_

Measurement Method: \_\_\_\_\_

Volume of Groundwater Purged: \_\_\_\_\_

Purge Method: ppb Rae

FIELD TEST RESULTS:

Color: \_\_\_\_\_

pH: \_\_\_\_\_

Odor: \_\_\_\_\_

Temperature (°F/°C): \_\_\_\_\_

Specific Conductance (µmhos/cm): \_\_\_\_\_

Other: PID: \_\_\_\_\_ ppm

Helium Detector: \_\_\_\_\_ ppm

Canister #: Y50

Initial Pressure: - 30

Start Time: 1045

Flow Regulator #: 01090

Final Pressure: - 9

End Time: 1442

SAMPLE ANALYSIS:

TO-15 \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

REMARKS:

Toward back of basement (Main St. side)

47 ppm purge

960 S. Broadway Hicksville, NY

Date: 5/2

SAMPLE INFORMATION RECORD

PROJECT NO.: 9233-K6NY Sampling Personnel: TX Andrew

Job Locations: Seasons Supermarket

Field Sample Designation: SS-6 Time: 10 AM

Weather: Sunny warm Temperature: \_\_\_\_\_

SAMPLE TYPE:

GROUNDWATER: \_\_\_\_\_

SEDIMENT: \_\_\_\_\_

SURFACE WATER: \_\_\_\_\_

SOIL: \_\_\_\_\_

AIR: sub-slab

OTHER (describe): \_\_\_\_\_

GROUNDWATER INFORMATION:

Depth to Groundwater: \_\_\_\_\_

Measurement Method: \_\_\_\_\_

Depth of well or Sampling Point: \_\_\_\_\_

Measurement Method: \_\_\_\_\_

Volume of Groundwater Purged: \_\_\_\_\_

Purge Method: pphrac

FIELD TEST RESULTS:

Color: \_\_\_\_\_

pH: \_\_\_\_\_

Odor: \_\_\_\_\_

Temperature (°F/°C): \_\_\_\_\_

Specific Conductance (µmhos/cm): \_\_\_\_\_

Other: PID: \_\_\_\_\_ ppm

Helium Detector: \_\_\_\_\_ ppm

Canister #: Y76 Initial Pressure: -30 Start Time: 1055

Flow Regulator #: Y14 Final Pressure: -8 End Time: 1440

SAMPLE ANALYSIS:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

REMARKS:

mid basement area

southern side

4600 ppb purge

960 S. Broadway Hicksville, NY

Date: 5/2

SAMPLE INFORMATION RECORD

PROJECT NO.: 9233-KGNY Sampling Personnel: JY Andrew

Job Locations: Towne Paint + Hardware

Field Sample Designation: SS-7 Time: 10 AM

Weather: Sunny warm Temperature: \_\_\_\_\_

SAMPLE TYPE:

GROUNDWATER: \_\_\_\_\_

SEDIMENT: \_\_\_\_\_

SURFACE WATER: \_\_\_\_\_

SOIL: \_\_\_\_\_

AIR: sub-slab

OTHER (describe): \_\_\_\_\_

GROUNDWATER INFORMATION:

Depth to Groundwater: \_\_\_\_\_

Measurement Method: \_\_\_\_\_

Depth of well or Sampling Point: \_\_\_\_\_

Measurement Method: \_\_\_\_\_

Volume of Groundwater Purged: \_\_\_\_\_

Purge Method: pph Rae

FIELD TEST RESULTS:

Color: \_\_\_\_\_

pH: \_\_\_\_\_

Odor: \_\_\_\_\_

Temperature (°F/°C): \_\_\_\_\_

Specific Conductance (µmhos/cm): \_\_\_\_\_

Other: PID: \_\_\_\_\_ ppm

Helium Detector: \_\_\_\_\_ ppm

Canister #: Y67

Initial Pressure: -28

Start Time: 1105

Flow Regulator #: 5625

Final Pressure: -9

End Time: 1435

SAMPLE ANALYSIS:

10-15 \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

REMARKS:

2000 pph purge mid basement  
\_\_\_\_\_  
\_\_\_\_\_



## **APPENDIX B**

### **LABORATORY REPORTS**



# Technical Report

prepared for:

**Advanced Cleanup Technologies, Inc.**  
110 Main Street  
Port Washington NY, 11050  
**Attention: Mark Gelband**

Report Date: 05/12/2017  
**Client Project ID: 9233-KGNY**  
York Project (SDG) No.: 17E0152

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

120 RESEARCH DRIVE  
[www.YORKLAB.com](http://www.YORKLAB.com)

STRATFORD, CT 06615  
(203) 325-1371

132-02 89th AVENUE  
FAX (203) 357-0166

RICHMOND HILL, NY 11418  
[ClientServices@yorklab.com](mailto:ClientServices@yorklab.com)

Report Date: 05/12/2017  
Client Project ID: 9233-KGNY  
York Project (SDG) No.: 17E0152

**Advanced Cleanup Technologies, Inc.**  
110 Main Street  
Port Washington NY, 11050  
Attention: Mark Gelband

---

## 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 03, 2017 and listed below. The project was identified as your project: **9233-KGNY**.

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
17E0152-01	SB-1 (0-2')	Soil	05/02/2017	05/03/2017
17E0152-02	SB-2 (0-1.5')	Soil	05/02/2017	05/03/2017
17E0152-03	SB-3 (1-2')	Soil	05/02/2017	05/03/2017

## **General Notes for York Project (SDG) No.: 17E0152**

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.
9. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

**Approved By:**



Benjamin Gulizia  
Laboratory Director

**Date:** 05/12/2017





## Sample Information

**Client Sample ID:** SB-1 (0-2')

**York Sample ID:** 17E0152-01

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

17E0152

9233-KGNY

Soil

May 2, 2017 12:05 pm

05/03/2017

### 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	9800	20000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 19:06	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	9800	20000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 19:06	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	9800	20000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 19:06	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	9800	20000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/11/2017 07:06	05/11/2017 19:06	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	9800	20000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 19:06	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	9800	20000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 19:06	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	9800	20000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 19:06	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	9800	20000	5000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 19:06	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	9800	20000	5000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/11/2017 07:06	05/11/2017 19:06	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	9800	20000	5000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 19:06	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	9800	20000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 19:06	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	9800	20000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 19:06	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	9800	20000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 19:06	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	9800	20000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 19:06	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	9800	20000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 19:06	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	9800	20000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 19:06	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	9800	20000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 19:06	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	9800	20000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 19:06	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	9800	20000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 19:06	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	200000	390000	5000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 19:06	BK





## Sample Information

**Client Sample ID:** SB-1 (0-2')

**York Sample ID:** 17E0152-01

York Project (SDG) No.  
17E0152

Client Project ID  
9233-KGNY

Matrix  
Soil

Collection Date/Time  
May 2, 2017 12:05 pm

Date Received  
05/03/2017

### 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
78-93-3	2-Butanone	ND		ug/kg dry	9800	20000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 19:06	BK
591-78-6	2-Hexanone	ND		ug/kg dry	9800	20000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 19:06	BK
108-10-1	* 4-Methyl-2-pentanone	ND		ug/kg dry	9800	20000	5000	EPA 8260C Certifications: CTDOH	05/11/2017 07:06	05/11/2017 19:06	BK
67-64-1	Acetone	ND		ug/kg dry	20000	39000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 19:06	BK
107-02-8	Acrolein	ND		ug/kg dry	20000	39000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 19:06	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	9800	20000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 19:06	BK
71-43-2	Benzene	ND		ug/kg dry	9800	20000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 19:06	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	9800	20000	5000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 19:06	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	9800	20000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 19:06	BK
75-25-2	Bromoform	ND		ug/kg dry	9800	20000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 19:06	BK
74-83-9	Bromomethane	ND		ug/kg dry	9800	20000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 19:06	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	9800	20000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 19:06	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	9800	20000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 19:06	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	9800	20000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 19:06	BK
75-00-3	Chloroethane	ND		ug/kg dry	9800	20000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 19:06	BK
67-66-3	Chloroform	ND		ug/kg dry	9800	20000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 19:06	BK
74-87-3	Chloromethane	ND		ug/kg dry	9800	20000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 19:06	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	9800	20000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 19:06	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	9800	20000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 19:06	BK
110-82-7	Cyclohexane	ND		ug/kg dry	9800	20000	5000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 19:06	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	9800	20000	5000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 19:06	BK



## Sample Information

**Client Sample ID:** SB-1 (0-2')

**York Sample ID:** 17E0152-01

York Project (SDG) No.  
17E0152

Client Project ID  
9233-KGNY

Matrix  
Soil

Collection Date/Time  
May 2, 2017 12:05 pm

Date Received  
05/03/2017

### 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
74-95-3	Dibromomethane	ND		ug/kg dry	9800	20000	5000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 19:06	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	9800	20000	5000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 19:06	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	9800	20000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 19:06	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	9800	20000	5000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 19:06	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	9800	20000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 19:06	BK
79-20-9	Methyl acetate	ND		ug/kg dry	9800	20000	5000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 19:06	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	9800	20000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 19:06	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	9800	20000	5000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 19:06	BK
75-09-2	Methylene chloride	ND		ug/kg dry	20000	39000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 19:06	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	9800	20000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 19:06	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	9800	20000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 19:06	BK
95-47-6	o-Xylene	ND		ug/kg dry	9800	20000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 19:06	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	20000	39000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 19:06	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	9800	20000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 19:06	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	9800	20000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 19:06	BK
100-42-5	Styrene	ND		ug/kg dry	9800	20000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 19:06	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	9800	20000	5000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 19:06	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	9800	20000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 19:06	BK
127-18-4	<b>Tetrachloroethylene</b>	<b>1200000</b>		ug/kg dry	20000	39000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/12/2017 07:01	05/12/2017 12:36	BK
108-88-3	Toluene	ND		ug/kg dry	9800	20000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 19:06	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	9800	20000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 19:06	BK



## Sample Information

**Client Sample ID:** SB-1 (0-2')

**York Sample ID:** 17E0152-01

York Project (SDG) No.

17E0152

Client Project ID

9233-KGNY

Matrix

Soil

Collection Date/Time

May 2, 2017 12:05 pm

Date Received

05/03/2017

### 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
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	9800	20000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 19:06	BK
79-01-6	Trichloroethylene	64000		ug/kg dry	9800	20000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 19:06	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	9800	20000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 19:06	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	9800	20000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 19:06	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	29000	59000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/11/2017 07:06	05/11/2017 19:06	BK

### Total Solids

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	89.5		%	0.100	1	SM 2540G Certifications: CTDOH	05/05/2017 10:46	05/05/2017 15:34	TJM

## Sample Information

**Client Sample ID:** SB-2 (0-1.5')

**York Sample ID:** 17E0152-02

York Project (SDG) No.

17E0152

Client Project ID

9233-KGNY

Matrix

Soil

Collection Date/Time

May 2, 2017 1:00 pm

Date Received

05/03/2017

### 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	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:02	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:02	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:02	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/11/2017 07:06	05/11/2017 18:02	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:02	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:02	BK



## Sample Information

**Client Sample ID:** SB-2 (0-1.5')

**York Sample ID:** 17E0152-02

York Project (SDG) No.  
17E0152

Client Project ID  
9233-KGNY

Matrix  
Soil

Collection Date/Time  
May 2, 2017 1:00 pm

Date Received  
05/03/2017

### 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	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:02	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:02	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/11/2017 07:06	05/11/2017 18:02	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:02	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:02	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:02	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:02	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:02	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:02	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:02	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:02	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:02	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:02	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	3700	7400	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:02	BK
78-93-3	2-Butanone	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:02	BK
591-78-6	2-Hexanone	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:02	BK
108-10-1	* 4-Methyl-2-pentanone	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH	05/11/2017 07:06	05/11/2017 18:02	BK
67-64-1	Acetone	ND		ug/kg dry	370	740	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:02	BK
107-02-8	Acrolein	ND		ug/kg dry	370	740	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:02	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:02	BK
71-43-2	Benzene	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:02	BK



## Sample Information

**Client Sample ID:** SB-2 (0-1.5')

**York Sample ID:** 17E0152-02

York Project (SDG) No.  
17E0152

Client Project ID  
9233-KGNY

Matrix  
Soil

Collection Date/Time  
May 2, 2017 1:00 pm

Date Received  
05/03/2017

### 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
74-97-5	Bromochloromethane	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:02	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:02	BK
75-25-2	Bromoform	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:02	BK
74-83-9	Bromomethane	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:02	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:02	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:02	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:02	BK
75-00-3	Chloroethane	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:02	BK
67-66-3	Chloroform	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:02	BK
74-87-3	Chloromethane	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:02	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:02	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:02	BK
110-82-7	Cyclohexane	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:02	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:02	BK
74-95-3	Dibromomethane	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:02	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:02	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:02	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:02	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:02	BK
79-20-9	Methyl acetate	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:02	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:02	BK



## Sample Information

**Client Sample ID:** SB-2 (0-1.5')

**York Sample ID:** 17E0152-02

York Project (SDG) No.  
17E0152

Client Project ID  
9233-KGNY

Matrix  
Soil

Collection Date/Time  
May 2, 2017 1:00 pm

Date Received  
05/03/2017

### 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
108-87-2	Methylcyclohexane	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:02	BK
75-09-2	Methylene chloride	ND		ug/kg dry	370	740	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:02	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:02	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:02	BK
95-47-6	o-Xylene	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,PADEP	05/11/2017 07:06	05/11/2017 18:02	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	370	740	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,PADEP	05/11/2017 07:06	05/11/2017 18:02	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:02	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:02	BK
100-42-5	Styrene	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:02	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:02	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:02	BK
127-18-4	<b>Tetrachloroethylene</b>	<b>3500</b>		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:02	BK
108-88-3	Toluene	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:02	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:02	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:02	BK
79-01-6	<b>Trichloroethylene</b>	<b>220</b>	J	ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:02	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:02	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:02	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	560	1100	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/11/2017 07:06	05/11/2017 18:02	BK

### Total Solids

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: % Solids Prep

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

**Client Sample ID:** SB-2 (0-1.5')

**York Sample ID:** 17E0152-02

York Project (SDG) No.  
17E0152

Client Project ID  
9233-KGNY

Matrix  
Soil

Collection Date/Time  
May 2, 2017 1:00 pm

Date Received  
05/03/2017

### Total Solids

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	86.1		%	0.100	1	SM 2540G Certifications: CTDOH	05/05/2017 10:46	05/05/2017 15:34	TJM

## Sample Information

**Client Sample ID:** SB-3 (1-2')

**York Sample ID:** 17E0152-03

York Project (SDG) No.  
17E0152

Client Project ID  
9233-KGNY

Matrix  
Soil

Collection Date/Time  
May 2, 2017 2:30 pm

Date Received  
05/03/2017

### 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	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:34	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:34	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:34	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/11/2017 07:06	05/11/2017 18:34	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:34	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:34	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:34	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:34	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/11/2017 07:06	05/11/2017 18:34	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:34	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:34	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:34	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:34	BK



## Sample Information

**Client Sample ID:** SB-3 (1-2')

**York Sample ID:** 17E0152-03

York Project (SDG) No.  
17E0152

Client Project ID  
9233-KGNY

Matrix  
Soil

Collection Date/Time  
May 2, 2017 2:30 pm

Date Received  
05/03/2017

### 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
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:34	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:34	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:34	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:34	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:34	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:34	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	3600	7200	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:34	BK
78-93-3	2-Butanone	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:34	BK
591-78-6	2-Hexanone	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:34	BK
108-10-1	* 4-Methyl-2-pentanone	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH	05/11/2017 07:06	05/11/2017 18:34	BK
67-64-1	Acetone	ND		ug/kg dry	360	720	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:34	BK
107-02-8	Acrolein	ND		ug/kg dry	360	720	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:34	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:34	BK
71-43-2	Benzene	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:34	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:34	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:34	BK
75-25-2	Bromoform	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:34	BK
74-83-9	Bromomethane	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:34	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:34	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:34	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:34	BK



## Sample Information

**Client Sample ID:** SB-3 (1-2')

**York Sample ID:** 17E0152-03

York Project (SDG) No.  
17E0152

Client Project ID  
9233-KGNY

Matrix  
Soil

Collection Date/Time  
May 2, 2017 2:30 pm

Date Received  
05/03/2017

### 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
75-00-3	Chloroethane	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:34	BK
67-66-3	Chloroform	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:34	BK
74-87-3	Chloromethane	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:34	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:34	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:34	BK
110-82-7	Cyclohexane	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:34	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:34	BK
74-95-3	Dibromomethane	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:34	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:34	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:34	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:34	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:34	BK
79-20-9	<b>Methyl acetate</b>	<b>310</b>	J	ug/kg dry	180	360	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:34	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:34	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:34	BK
75-09-2	Methylene chloride	ND		ug/kg dry	360	720	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:34	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:34	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:34	BK
95-47-6	o-Xylene	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,PADEP	05/11/2017 07:06	05/11/2017 18:34	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	360	720	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,PADEP	05/11/2017 07:06	05/11/2017 18:34	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:34	BK



## Sample Information

**Client Sample ID:** SB-3 (1-2')

**York Sample ID:** 17E0152-03

York Project (SDG) No.  
17E0152

Client Project ID  
9233-KGNY

Matrix  
Soil

Collection Date/Time  
May 2, 2017 2:30 pm

Date Received  
05/03/2017

### 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	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:34	BK
100-42-5	Styrene	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:34	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:34	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:34	BK
127-18-4	<b>Tetrachloroethylene</b>	<b>3400</b>		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:34	BK
108-88-3	Toluene	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:34	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:34	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:34	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:34	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:34	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/11/2017 07:06	05/11/2017 18:34	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	540	1100	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/11/2017 07:06	05/11/2017 18:34	BK

### Total Solids

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	88.2		%	0.100	1	SM 2540G Certifications: CTDOH	05/05/2017 10:46	05/05/2017 15:34	TJM



### Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
17E0152-01	SB-1 (0-2")	40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C
17E0152-02	SB-2 (0-1.5")	40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C
17E0152-03	SB-3 (1-2")	40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C



## Notes and Definitions

QR-04	The RPD exceeded control limits for the LCS/LCSD QC.
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).
<hr/>	
*	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.

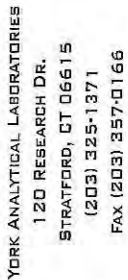
Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.





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.

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## Page \_\_\_ of \_\_\_

(203) 325-1371  
FAX (203) 357-0166

**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. 17E0152

YOUR INFORMATION		Report To:		Invoice To:		YOUR Project ID		Turn-Around Time		Report Type				
Company: <u>Advanced Cleanup Tech</u>	Company: <u>ACT</u>	Company: <u>ACT</u>	Company: <u>ACT</u>	RUSH - Same Day <input type="checkbox"/>		Summary Report <input checked="" type="checkbox"/>		RUSH - Next Day <input type="checkbox"/>		Summary w/ QA Summary <input type="checkbox"/>				
Address: <u>100 Main St.</u>	Address: <u>same</u>	Address: <u>same</u>	Address: <u>same</u>	RUSH - Two Day <input type="checkbox"/>		CT RCP Package <input type="checkbox"/>		RUSH - Three Day <input type="checkbox"/>		CTRCP DQA/DUE Pkg <input type="checkbox"/>				
Phone No. <u>516-441-5800</u>	Phone No. <u>same</u>	Phone No. <u>same</u>	Phone No. <u>same</u>	RUSH - Four Day <input type="checkbox"/>		NY ASP A Package <input type="checkbox"/>		RUSH - Five Day <input type="checkbox"/>		NY ASP B Package <input type="checkbox"/>				
Contact Person: <u>Tim Young</u>	Attention: <u>Mark Belband</u>	Attention: <u>Mark Belband</u>	Attention: <u>Mark Belband</u>	Standard (5-7 Days) <input checked="" type="checkbox"/>		NY DEP SRP HazSite EDD <input type="checkbox"/>		NY DEP Red. Deliv. <input type="checkbox"/>		NY DEP Red. Deliv. <input type="checkbox"/>				
E-Mail Address: <u>timy@act-enthr</u>	E-Mail Address: <u>mark@act-enthr</u>	E-Mail Address: <u>mark@act-enthr</u>	E-Mail Address: <u>mark@act-enthr</u>	Samples from: CT <input type="checkbox"/> NY <input checked="" type="checkbox"/> NJ <input type="checkbox"/>		Electronic Data Deliverables (EDD) <input type="checkbox"/>		Simple Excel <input type="checkbox"/>		Simple Excel <input type="checkbox"/>				
<b>Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.</b>			<b>Choose Analyses Needed from the Menu Above and Enter Below</b>											
Samples Collected/Authorized By (Signature) <u>[Signature]</u> Name (printed) <u>Tim Young</u>			Container Description(s) <u>VOC kit</u>											
Matrix Codes S - soil Other - specify (oil, etc.) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor			Volatiles 8260 full 624 STARS list Nassau Co. BTEX MTBE TCL list TAGM list CT RCP list Arom. only Halog. only App. IX list 8021B list											
Semi-Volatiles 8270 or 625 STARS list BN Only Acids Only PAH list TAGM list CT RCP list TCL list Arom. only Halog. only App. IX list 8021B list			Metals RCRA8 PP13 list TAL CT15 list TAGM list NUDEP list Total Dissolved SFLP or TCLP Herb Chloridane 608 Pest SFLP or TCLP 608 PCB			Misc. Org. TPH GRO TPH DRO CT ETPH NY 310-13 TPH 1664 Air TO14A Air TO15 Air STARS Air VPH Air TICs Methane Helium			Full Lists Pri. Poll. TCL Organs TAL MeCN Full TCLP Full App. IX Part 360/300me Part 360/300me Part 360/300me Part 360/300me NYDEP Sewer NYDEP Sewer TAGM			Misc. Corrosivity Reactivity Ignitability Flash Point Sieve Anal. Heterotrophs TOX BTU/lb. Aquatic Tox. TOC Asbestos Silica		
Sample Identification <u>S3-1 (0-2')</u> <u>S3-2 (0-1.5')</u> <u>S3-3 (1-2')</u>			Date/Time Sampled <u>5/2/17 1205</u> <u>" 1300</u> <u>" 1430</u>			Sample Matrix <u>S</u> <u>"</u> <u>"</u>			Choose Analyses Needed from the Menu Above and Enter Below <u>VOC's</u> <u>"</u> <u>"</u>					
Comments <u>Very high levels in S3-1 samples via P10</u>			Preservation Check those Applicable Special Instructions Field Filtered <input type="checkbox"/> Lab to Filter <input type="checkbox"/>			4°C <input type="checkbox"/> Frozen <input type="checkbox"/> HCl <input type="checkbox"/> MeOH <input type="checkbox"/> HNO <sub>3</sub> <input type="checkbox"/> H <sub>2</sub> O <sub>2</sub> <input type="checkbox"/> NaOH <input type="checkbox"/> Other <input type="checkbox"/>			Temperature on Receipt <u>1.8 °C</u>					



# Technical Report

prepared for:

**Advanced Cleanup Technologies, Inc.**  
110 Main Street  
Port Washington NY, 11050  
**Attention: Mark Gelband**

Report Date: 05/10/2017  
**Client Project ID: 9233-KGNY**  
York Project (SDG) No.: 17E0161

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

120 RESEARCH DRIVE  
[www.YORKLAB.com](http://www.YORKLAB.com)

STRATFORD, CT 06615  
(203) 325-1371



132-02 89th AVENUE  
FAX (203) 357-0166

RICHMOND HILL, NY 11418  
[ClientServices@yorklab.com](mailto:ClientServices@yorklab.com)

Report Date: 05/10/2017  
Client Project ID: 9233-KGNY  
York Project (SDG) No.: 17E0161

**Advanced Cleanup Technologies, Inc.**  
110 Main Street  
Port Washington NY, 11050  
Attention: Mark Gelband

---

## 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 03, 2017 and listed below. The project was identified as your project: **9233-KGNY**.

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
17E0161-01	SS-5	Soil Vapor	05/02/2017	05/03/2017
17E0161-02	SS-6	Soil Vapor	05/02/2017	05/03/2017
17E0161-03	SS-7	Soil Vapor	05/02/2017	05/03/2017

## **General Notes for York Project (SDG) No.: 17E0161**

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.
9. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

**Approved By:**



Benjamin Gulizia  
Laboratory Director

**Date:** 05/10/2017







## Sample Information

**Client Sample ID:** SS-5

**York Sample ID:** 17E0161-01

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

17E0161

9233-KGNY

Soil Vapor

May 2, 2017 3:00 pm

05/03/2017

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m <sup>3</sup>	16	22.8	EPA TO-15 Certifications:	05/05/2017 08:49	05/06/2017 12:18	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m <sup>3</sup>	12	22.8	EPA TO-15 Certifications:	05/05/2017 08:49	05/06/2017 12:18	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m <sup>3</sup>	16	22.8	EPA TO-15 Certifications:	05/05/2017 08:49	05/06/2017 12:18	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m <sup>3</sup>	17	22.8	EPA TO-15 Certifications:	05/05/2017 08:49	05/06/2017 12:18	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m <sup>3</sup>	12	22.8	EPA TO-15 Certifications:	05/05/2017 08:49	05/06/2017 12:18	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m <sup>3</sup>	9.2	22.8	EPA TO-15 Certifications:	05/05/2017 08:49	05/06/2017 12:18	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m <sup>3</sup>	9.0	22.8	EPA TO-15 Certifications:	05/05/2017 08:49	05/06/2017 12:18	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m <sup>3</sup>	17	22.8	EPA TO-15 Certifications:	05/05/2017 08:49	05/06/2017 12:18	LDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m <sup>3</sup>	11	22.8	EPA TO-15 Certifications:	05/05/2017 08:49	05/06/2017 12:18	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m <sup>3</sup>	18	22.8	EPA TO-15 Certifications:	05/05/2017 08:49	05/06/2017 12:18	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m <sup>3</sup>	14	22.8	EPA TO-15 Certifications:	05/05/2017 08:49	05/06/2017 12:18	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m <sup>3</sup>	9.2	22.8	EPA TO-15 Certifications:	05/05/2017 08:49	05/06/2017 12:18	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m <sup>3</sup>	11	22.8	EPA TO-15 Certifications:	05/05/2017 08:49	05/06/2017 12:18	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m <sup>3</sup>	16	22.8	EPA TO-15 Certifications:	05/05/2017 08:49	05/06/2017 12:18	LDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m <sup>3</sup>	11	22.8	EPA TO-15 Certifications:	05/05/2017 08:49	05/06/2017 12:18	LDS
106-99-0	1,3-Butadiene	ND		ug/m <sup>3</sup>	15	22.8	EPA TO-15 Certifications:	05/05/2017 08:49	05/06/2017 12:18	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m <sup>3</sup>	14	22.8	EPA TO-15 Certifications:	05/05/2017 08:49	05/06/2017 12:18	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m <sup>3</sup>	11	22.8	EPA TO-15 Certifications:	05/05/2017 08:49	05/06/2017 12:18	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m <sup>3</sup>	14	22.8	EPA TO-15 Certifications:	05/05/2017 08:49	05/06/2017 12:18	LDS
123-91-1	1,4-Dioxane	ND		ug/m <sup>3</sup>	16	22.8	EPA TO-15 Certifications:	05/05/2017 08:49	05/06/2017 12:18	LDS





## Sample Information

**Client Sample ID:** SS-5

**York Sample ID:** 17E0161-01

York Project (SDG) No.  
17E0161

Client Project ID  
9233-KGNY

Matrix  
Soil Vapor

Collection Date/Time  
May 2, 2017 3:00 pm

Date Received  
05/03/2017

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/m <sup>3</sup>	6.7	22.8	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 12:18	LDS
591-78-6	* 2-Hexanone	ND		ug/m <sup>3</sup>	19	22.8	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 12:18	LDS
107-05-1	3-Chloropropene	ND		ug/m <sup>3</sup>	36	22.8	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 12:18	LDS
108-10-1	4-Methyl-2-pentanone	ND		ug/m <sup>3</sup>	9.3	22.8	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 12:18	LDS
67-64-1	<b>Acetone</b>	<b>16</b>		ug/m <sup>3</sup>	11	22.8	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 12:18	LDS
107-13-1	Acrylonitrile	ND		ug/m <sup>3</sup>	4.9	22.8	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 12:18	LDS
71-43-2	Benzene	ND		ug/m <sup>3</sup>	7.3	22.8	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 12:18	LDS
100-44-7	Benzyl chloride	ND		ug/m <sup>3</sup>	12	22.8	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 12:18	LDS
75-27-4	Bromodichloromethane	ND		ug/m <sup>3</sup>	15	22.8	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 12:18	LDS
75-25-2	Bromoform	ND		ug/m <sup>3</sup>	24	22.8	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 12:18	LDS
74-83-9	Bromomethane	ND		ug/m <sup>3</sup>	8.9	22.8	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 12:18	LDS
75-15-0	Carbon disulfide	ND		ug/m <sup>3</sup>	7.1	22.8	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 12:18	LDS
56-23-5	Carbon tetrachloride	ND		ug/m <sup>3</sup>	3.6	22.8	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 12:18	LDS
108-90-7	Chlorobenzene	ND		ug/m <sup>3</sup>	10	22.8	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 12:18	LDS
75-00-3	<b>Chloroethane</b>	<b>15</b>		ug/m <sup>3</sup>	6.0	22.8	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 12:18	LDS
67-66-3	<b>Chloroform</b>	<b>81</b>		ug/m <sup>3</sup>	11	22.8	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 12:18	LDS
74-87-3	Chloromethane	ND		ug/m <sup>3</sup>	4.7	22.8	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 12:18	LDS
156-59-2	<b>cis-1,2-Dichloroethylene</b>	<b>7500</b>		ug/m <sup>3</sup>	36	91.2	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/07/2017 08:27	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	10	22.8	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 12:18	LDS
110-82-7	Cyclohexane	ND		ug/m <sup>3</sup>	7.8	22.8	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 12:18	LDS
124-48-1	Dibromochloromethane	ND		ug/m <sup>3</sup>	19	22.8	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 12:18	LDS
75-71-8	<b>Dichlorodifluoromethane</b>	<b>14</b>		ug/m <sup>3</sup>	11	22.8	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 12:18	LDS



## Sample Information

**Client Sample ID:** SS-5

**York Sample ID:** 17E0161-01

York Project (SDG) No.  
17E0161

Client Project ID  
9233-KGNY

Matrix  
Soil Vapor

Collection Date/Time  
May 2, 2017 3:00 pm

Date Received  
05/03/2017

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
141-78-6	* Ethyl acetate	ND		ug/m <sup>3</sup>	16	22.8	EPA TO-15 Certifications:	05/05/2017 08:49	05/06/2017 12:18	LDS
100-41-4	Ethyl Benzene	ND		ug/m <sup>3</sup>	9.9	22.8	EPA TO-15 Certifications:	05/05/2017 08:49	05/06/2017 12:18	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m <sup>3</sup>	24	22.8	EPA TO-15 Certifications:	05/05/2017 08:49	05/06/2017 12:18	LDS
67-63-0	Isopropanol	ND		ug/m <sup>3</sup>	11	22.8	EPA TO-15 Certifications:	05/05/2017 08:49	05/06/2017 12:18	LDS
80-62-6	Methyl Methacrylate	ND		ug/m <sup>3</sup>	9.3	22.8	EPA TO-15 Certifications:	05/05/2017 08:49	05/06/2017 12:18	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m <sup>3</sup>	8.2	22.8	EPA TO-15 Certifications:	05/05/2017 08:49	05/06/2017 12:18	LDS
75-09-2	Methylene chloride	ND		ug/m <sup>3</sup>	16	22.8	EPA TO-15 Certifications:	05/05/2017 08:49	05/06/2017 12:18	LDS
142-82-5	n-Heptane	ND		ug/m <sup>3</sup>	9.3	22.8	EPA TO-15 Certifications:	05/05/2017 08:49	05/06/2017 12:18	LDS
110-54-3	n-Hexane	ND		ug/m <sup>3</sup>	8.0	22.8	EPA TO-15 Certifications:	05/05/2017 08:49	05/06/2017 12:18	LDS
95-47-6	o-Xylene	ND		ug/m <sup>3</sup>	9.9	22.8	EPA TO-15 Certifications:	05/05/2017 08:49	05/06/2017 12:18	LDS
179601-23-1	p- & m- Xylenes	ND		ug/m <sup>3</sup>	20	22.8	EPA TO-15 Certifications:	05/05/2017 08:49	05/06/2017 12:18	LDS
622-96-8	* p-Ethyltoluene	ND		ug/m <sup>3</sup>	11	22.8	EPA TO-15 Certifications:	05/05/2017 08:49	05/06/2017 12:18	LDS
115-07-1	* Propylene	ND		ug/m <sup>3</sup>	3.9	22.8	EPA TO-15 Certifications:	05/05/2017 08:49	05/06/2017 12:18	LDS
100-42-5	Styrene	ND		ug/m <sup>3</sup>	9.7	22.8	EPA TO-15 Certifications:	05/05/2017 08:49	05/06/2017 12:18	LDS
127-18-4	<b>Tetrachloroethylene</b>	<b>43000</b>		ug/m <sup>3</sup>	31	182.4	EPA TO-15 Certifications:	05/05/2017 08:49	05/07/2017 11:43	LDS
109-99-9	* Tetrahydrofuran	ND		ug/m <sup>3</sup>	13	22.8	EPA TO-15 Certifications:	05/05/2017 08:49	05/06/2017 12:18	LDS
108-88-3	Toluene	ND		ug/m <sup>3</sup>	8.6	22.8	EPA TO-15 Certifications:	05/05/2017 08:49	05/06/2017 12:18	LDS
156-60-5	<b>trans-1,2-Dichloroethylene</b>	<b>52</b>		ug/m <sup>3</sup>	9.0	22.8	EPA TO-15 Certifications:	05/05/2017 08:49	05/06/2017 12:18	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	10	22.8	EPA TO-15 Certifications:	05/05/2017 08:49	05/06/2017 12:18	LDS
79-01-6	<b>Trichloroethylene</b>	<b>4400</b>		ug/m <sup>3</sup>	3.1	22.8	EPA TO-15 Certifications:	05/05/2017 08:49	05/06/2017 12:18	LDS
75-69-4	<b>Trichlorofluoromethane (Freon 11)</b>	<b>35</b>		ug/m <sup>3</sup>	13	22.8	EPA TO-15 Certifications:	05/05/2017 08:49	05/06/2017 12:18	LDS
108-05-4	Vinyl acetate	ND		ug/m <sup>3</sup>	8.0	22.8	EPA TO-15 Certifications:	05/05/2017 08:49	05/06/2017 12:18	LDS



## Sample Information

**Client Sample ID:** SS-5

**York Sample ID:** 17E0161-01

York Project (SDG) No.  
17E0161

Client Project ID  
9233-KGNY

Matrix  
Soil Vapor

Collection Date/Time  
May 2, 2017 3:00 pm

Date Received  
05/03/2017

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
593-60-2	Vinyl bromide	ND		ug/m <sup>3</sup>	10	22.8	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 12:18	LDS
75-01-4	Vinyl Chloride	ND		ug/m <sup>3</sup>	5.8	22.8	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 12:18	LDS
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>						
460-00-4	Surrogate: p-Bromofluorobenzene	98.2 %				72-118				

## Sample Information

**Client Sample ID:** SS-6

**York Sample ID:** 17E0161-02

York Project (SDG) No.  
17E0161

Client Project ID  
9233-KGNY

Matrix  
Soil Vapor

Collection Date/Time  
May 2, 2017 3:00 pm

Date Received  
05/03/2017

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m <sup>3</sup>	14	20	EPA TO-15 Certifications:	05/05/2017 08:49	05/06/2017 13:20	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m <sup>3</sup>	11	20	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 13:20	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m <sup>3</sup>	14	20	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 13:20	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m <sup>3</sup>	15	20	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 13:20	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m <sup>3</sup>	11	20	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 13:20	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m <sup>3</sup>	8.1	20	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 13:20	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m <sup>3</sup>	7.9	20	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 13:20	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m <sup>3</sup>	15	20	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 13:20	LDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m <sup>3</sup>	9.8	20	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 13:20	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m <sup>3</sup>	15	20	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 13:20	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m <sup>3</sup>	12	20	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 13:20	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m <sup>3</sup>	8.1	20	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 13:20	LDS



## Sample Information

**Client Sample ID:** SS-6

**York Sample ID:** 17E0161-02

York Project (SDG) No.  
17E0161

Client Project ID  
9233-KGNY

Matrix  
Soil Vapor

Collection Date/Time  
May 2, 2017 3:00 pm

Date Received  
05/03/2017

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-87-5	1,2-Dichloropropane	ND		ug/m <sup>3</sup>	9.2	20	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 13:20	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m <sup>3</sup>	14	20	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 13:20	LDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m <sup>3</sup>	9.8	20	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 13:20	LDS
106-99-0	1,3-Butadiene	ND		ug/m <sup>3</sup>	13	20	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 13:20	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m <sup>3</sup>	12	20	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 13:20	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m <sup>3</sup>	9.2	20	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 13:20	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m <sup>3</sup>	12	20	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 13:20	LDS
123-91-1	1,4-Dioxane	ND		ug/m <sup>3</sup>	14	20	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 13:20	LDS
78-93-3	2-Butanone	ND		ug/m <sup>3</sup>	5.9	20	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 13:20	LDS
591-78-6	* 2-Hexanone	ND		ug/m <sup>3</sup>	16	20	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 13:20	LDS
107-05-1	3-Chloropropene	ND		ug/m <sup>3</sup>	31	20	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 13:20	LDS
108-10-1	4-Methyl-2-pentanone	ND		ug/m <sup>3</sup>	8.2	20	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 13:20	LDS
67-64-1	<b>Acetone</b>	<b>26</b>		ug/m <sup>3</sup>	9.5	20	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 13:20	LDS
107-13-1	Acrylonitrile	ND		ug/m <sup>3</sup>	4.3	20	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 13:20	LDS
71-43-2	Benzene	ND		ug/m <sup>3</sup>	6.4	20	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 13:20	LDS
100-44-7	Benzyl chloride	ND		ug/m <sup>3</sup>	10	20	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 13:20	LDS
75-27-4	Bromodichloromethane	ND		ug/m <sup>3</sup>	13	20	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 13:20	LDS
75-25-2	Bromoform	ND		ug/m <sup>3</sup>	21	20	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 13:20	LDS
74-83-9	Bromomethane	ND		ug/m <sup>3</sup>	7.8	20	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 13:20	LDS
75-15-0	Carbon disulfide	ND		ug/m <sup>3</sup>	6.2	20	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 13:20	LDS
56-23-5	Carbon tetrachloride	ND		ug/m <sup>3</sup>	3.1	20	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 13:20	LDS



## Sample Information

**Client Sample ID:** SS-6

**York Sample ID:** 17E0161-02

York Project (SDG) No.  
17E0161

Client Project ID  
9233-KGNY

Matrix  
Soil Vapor

Collection Date/Time  
May 2, 2017 3:00 pm

Date Received  
05/03/2017

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/m <sup>3</sup>	9.2	20	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 13:20	LDS
75-00-3	Chloroethane	ND		ug/m <sup>3</sup>	5.3	20	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 13:20	LDS
67-66-3	<b>Chloroform</b>	<b>36</b>		ug/m <sup>3</sup>	9.8	20	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 13:20	LDS
74-87-3	Chloromethane	ND		ug/m <sup>3</sup>	4.1	20	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 13:20	LDS
156-59-2	<b>cis-1,2-Dichloroethylene</b>	<b>60</b>		ug/m <sup>3</sup>	7.9	20	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 13:20	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	9.1	20	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 13:20	LDS
110-82-7	Cyclohexane	ND		ug/m <sup>3</sup>	6.9	20	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 13:20	LDS
124-48-1	Dibromochloromethane	ND		ug/m <sup>3</sup>	17	20	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 13:20	LDS
75-71-8	Dichlorodifluoromethane	ND		ug/m <sup>3</sup>	9.9	20	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 13:20	LDS
141-78-6	* Ethyl acetate	ND		ug/m <sup>3</sup>	14	20	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 13:20	LDS
100-41-4	Ethyl Benzene	ND		ug/m <sup>3</sup>	8.7	20	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 13:20	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m <sup>3</sup>	21	20	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 13:20	LDS
67-63-0	Isopropanol	ND		ug/m <sup>3</sup>	9.8	20	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 13:20	LDS
80-62-6	Methyl Methacrylate	ND		ug/m <sup>3</sup>	8.2	20	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 13:20	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m <sup>3</sup>	7.2	20	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 13:20	LDS
75-09-2	Methylene chloride	ND		ug/m <sup>3</sup>	14	20	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 13:20	LDS
142-82-5	n-Heptane	ND		ug/m <sup>3</sup>	8.2	20	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 13:20	LDS
110-54-3	n-Hexane	ND		ug/m <sup>3</sup>	7.0	20	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 13:20	LDS
95-47-6	o-Xylene	ND		ug/m <sup>3</sup>	8.7	20	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 13:20	LDS
179601-23-1	p- & m- Xylenes	ND		ug/m <sup>3</sup>	17	20	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 13:20	LDS
622-96-8	* p-Ethyltoluene	ND		ug/m <sup>3</sup>	9.8	20	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 13:20	LDS
115-07-1	* <b>Propylene</b>	<b>6.5</b>		ug/m <sup>3</sup>	3.4	20	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 13:20	LDS



## Sample Information

**Client Sample ID:** SS-6

**York Sample ID:** 17E0161-02

York Project (SDG) No.  
17E0161

Client Project ID  
9233-KGNY

Matrix  
Soil Vapor

Collection Date/Time  
May 2, 2017 3:00 pm

Date Received  
05/03/2017

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/m <sup>3</sup>	8.5	20	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 13:20	LDS
127-18-4	Tetrachloroethylene	2400		ug/m <sup>3</sup>	3.4	20	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 13:20	LDS
109-99-9	* Tetrahydrofuran	ND		ug/m <sup>3</sup>	12	20	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 13:20	LDS
108-88-3	Toluene	8.3		ug/m <sup>3</sup>	7.5	20	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 13:20	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m <sup>3</sup>	7.9	20	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 13:20	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	9.1	20	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 13:20	LDS
79-01-6	Trichloroethylene	270		ug/m <sup>3</sup>	2.7	20	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 13:20	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m <sup>3</sup>	11	20	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 13:20	LDS
108-05-4	Vinyl acetate	ND		ug/m <sup>3</sup>	7.0	20	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 13:20	LDS
593-60-2	Vinyl bromide	ND		ug/m <sup>3</sup>	8.7	20	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 13:20	LDS
75-01-4	Vinyl Chloride	ND		ug/m <sup>3</sup>	5.1	20	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/05/2017 08:49	05/06/2017 13:20	LDS
Surrogate Recoveries		Result	Acceptance Range							
460-00-4	Surrogate: p-Bromofluorobenzene	99.6 %	72-118							

## Sample Information

**Client Sample ID:** SS-7

**York Sample ID:** 17E0161-03

York Project (SDG) No.  
17E0161

Client Project ID  
9233-KGNY

Matrix  
Soil Vapor

Collection Date/Time  
May 2, 2017 3:00 pm

Date Received  
05/03/2017

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m <sup>3</sup>	17	25.33	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/06/2017 12:05	05/07/2017 10:42	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m <sup>3</sup>	14	25.33	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/06/2017 12:05	05/07/2017 10:42	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m <sup>3</sup>	17	25.33	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/06/2017 12:05	05/07/2017 10:42	LDS





## Sample Information

**Client Sample ID:** SS-7

**York Sample ID:** 17E0161-03

York Project (SDG) No.  
17E0161

Client Project ID  
9233-KGNY

Matrix  
Soil Vapor

Collection Date/Time  
May 2, 2017 3:00 pm

Date Received  
05/03/2017

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to 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/m <sup>3</sup>	19	25.33	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/06/2017 12:05	05/07/2017 10:42	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m <sup>3</sup>	14	25.33	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/06/2017 12:05	05/07/2017 10:42	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m <sup>3</sup>	10	25.33	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/06/2017 12:05	05/07/2017 10:42	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m <sup>3</sup>	10	25.33	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/06/2017 12:05	05/07/2017 10:42	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m <sup>3</sup>	19	25.33	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/06/2017 12:05	05/07/2017 10:42	LDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m <sup>3</sup>	12	25.33	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/06/2017 12:05	05/07/2017 10:42	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m <sup>3</sup>	19	25.33	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/06/2017 12:05	05/07/2017 10:42	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m <sup>3</sup>	15	25.33	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/06/2017 12:05	05/07/2017 10:42	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m <sup>3</sup>	10	25.33	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/06/2017 12:05	05/07/2017 10:42	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m <sup>3</sup>	12	25.33	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/06/2017 12:05	05/07/2017 10:42	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m <sup>3</sup>	18	25.33	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/06/2017 12:05	05/07/2017 10:42	LDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m <sup>3</sup>	12	25.33	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/06/2017 12:05	05/07/2017 10:42	LDS
106-99-0	1,3-Butadiene	ND		ug/m <sup>3</sup>	17	25.33	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/06/2017 12:05	05/07/2017 10:42	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m <sup>3</sup>	15	25.33	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/06/2017 12:05	05/07/2017 10:42	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m <sup>3</sup>	12	25.33	EPA TO-15 Certifications:	05/06/2017 12:05	05/07/2017 10:42	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m <sup>3</sup>	15	25.33	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/06/2017 12:05	05/07/2017 10:42	LDS
123-91-1	1,4-Dioxane	ND		ug/m <sup>3</sup>	18	25.33	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/06/2017 12:05	05/07/2017 10:42	LDS
78-93-3	2-Butanone	ND		ug/m <sup>3</sup>	7.5	25.33	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/06/2017 12:05	05/07/2017 10:42	LDS
591-78-6	* 2-Hexanone	ND		ug/m <sup>3</sup>	21	25.33	EPA TO-15 Certifications:	05/06/2017 12:05	05/07/2017 10:42	LDS
107-05-1	3-Chloropropene	ND		ug/m <sup>3</sup>	40	25.33	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/06/2017 12:05	05/07/2017 10:42	LDS
108-10-1	4-Methyl-2-pentanone	ND		ug/m <sup>3</sup>	10	25.33	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/06/2017 12:05	05/07/2017 10:42	LDS



## Sample Information

**Client Sample ID:** SS-7

**York Sample ID:** 17E0161-03

York Project (SDG) No.  
17E0161

Client Project ID  
9233-KGNY

Matrix  
Soil Vapor

Collection Date/Time  
May 2, 2017 3:00 pm

Date Received  
05/03/2017

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	67		ug/m <sup>3</sup>	12	25.33	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/06/2017 12:05	05/07/2017 10:42	LDS
107-13-1	Acrylonitrile	ND		ug/m <sup>3</sup>	5.5	25.33	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/06/2017 12:05	05/07/2017 10:42	LDS
71-43-2	Benzene	ND		ug/m <sup>3</sup>	8.1	25.33	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/06/2017 12:05	05/07/2017 10:42	LDS
100-44-7	Benzyl chloride	ND		ug/m <sup>3</sup>	13	25.33	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/06/2017 12:05	05/07/2017 10:42	LDS
75-27-4	Bromodichloromethane	ND		ug/m <sup>3</sup>	17	25.33	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/06/2017 12:05	05/07/2017 10:42	LDS
75-25-2	Bromoform	ND		ug/m <sup>3</sup>	26	25.33	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/06/2017 12:05	05/07/2017 10:42	LDS
74-83-9	Bromomethane	ND		ug/m <sup>3</sup>	9.8	25.33	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/06/2017 12:05	05/07/2017 10:42	LDS
75-15-0	Carbon disulfide	ND		ug/m <sup>3</sup>	7.9	25.33	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/06/2017 12:05	05/07/2017 10:42	LDS
56-23-5	Carbon tetrachloride	ND		ug/m <sup>3</sup>	4.0	25.33	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/06/2017 12:05	05/07/2017 10:42	LDS
108-90-7	Chlorobenzene	ND		ug/m <sup>3</sup>	12	25.33	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/06/2017 12:05	05/07/2017 10:42	LDS
75-00-3	Chloroethane	ND		ug/m <sup>3</sup>	6.7	25.33	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/06/2017 12:05	05/07/2017 10:42	LDS
67-66-3	Chloroform	ND		ug/m <sup>3</sup>	12	25.33	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/06/2017 12:05	05/07/2017 10:42	LDS
74-87-3	Chloromethane	ND		ug/m <sup>3</sup>	5.2	25.33	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/06/2017 12:05	05/07/2017 10:42	LDS
156-59-2	cis-1,2-Dichloroethylene	32		ug/m <sup>3</sup>	10	25.33	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/06/2017 12:05	05/07/2017 10:42	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	11	25.33	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/06/2017 12:05	05/07/2017 10:42	LDS
110-82-7	Cyclohexane	ND		ug/m <sup>3</sup>	8.7	25.33	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/06/2017 12:05	05/07/2017 10:42	LDS
124-48-1	Dibromochloromethane	ND		ug/m <sup>3</sup>	22	25.33	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/06/2017 12:05	05/07/2017 10:42	LDS
75-71-8	Dichlorodifluoromethane	ND		ug/m <sup>3</sup>	13	25.33	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/06/2017 12:05	05/07/2017 10:42	LDS
141-78-6	* Ethyl acetate	ND		ug/m <sup>3</sup>	18	25.33	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/06/2017 12:05	05/07/2017 10:42	LDS
100-41-4	Ethyl Benzene	ND		ug/m <sup>3</sup>	11	25.33	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/06/2017 12:05	05/07/2017 10:42	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m <sup>3</sup>	27	25.33	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/06/2017 12:05	05/07/2017 10:42	LDS
67-63-0	Isopropanol	ND		ug/m <sup>3</sup>	12	25.33	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/06/2017 12:05	05/07/2017 10:42	LDS



## Sample Information

**Client Sample ID:** SS-7

**York Sample ID:** 17E0161-03

York Project (SDG) No.  
17E0161

Client Project ID  
9233-KGNY

Matrix  
Soil Vapor

Collection Date/Time  
May 2, 2017 3:00 pm

Date Received  
05/03/2017

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m <sup>3</sup>	10	25.33	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/06/2017 12:05	05/07/2017 10:42	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m <sup>3</sup>	9.1	25.33	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/06/2017 12:05	05/07/2017 10:42	LDS
75-09-2	Methylene chloride	ND		ug/m <sup>3</sup>	18	25.33	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/06/2017 12:05	05/07/2017 10:42	LDS
142-82-5	n-Heptane	ND		ug/m <sup>3</sup>	10	25.33	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/06/2017 12:05	05/07/2017 10:42	LDS
110-54-3	n-Hexane	ND		ug/m <sup>3</sup>	8.9	25.33	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/06/2017 12:05	05/07/2017 10:42	LDS
95-47-6	o-Xylene	ND		ug/m <sup>3</sup>	11	25.33	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/06/2017 12:05	05/07/2017 10:42	LDS
179601-23-1	p- & m- Xylenes	ND		ug/m <sup>3</sup>	22	25.33	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/06/2017 12:05	05/07/2017 10:42	LDS
622-96-8	* p-Ethyltoluene	ND		ug/m <sup>3</sup>	12	25.33	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/06/2017 12:05	05/07/2017 10:42	LDS
115-07-1	* Propylene	ND		ug/m <sup>3</sup>	4.4	25.33	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/06/2017 12:05	05/07/2017 10:42	LDS
100-42-5	Styrene	ND		ug/m <sup>3</sup>	11	25.33	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/06/2017 12:05	05/07/2017 10:42	LDS
127-18-4	<b>Tetrachloroethylene</b>	<b>730</b>		ug/m <sup>3</sup>	4.3	25.33	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/06/2017 12:05	05/07/2017 10:42	LDS
109-99-9	* Tetrahydrofuran	ND		ug/m <sup>3</sup>	15	25.33	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/06/2017 12:05	05/07/2017 10:42	LDS
108-88-3	Toluene	ND		ug/m <sup>3</sup>	9.5	25.33	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/06/2017 12:05	05/07/2017 10:42	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m <sup>3</sup>	10	25.33	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/06/2017 12:05	05/07/2017 10:42	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	11	25.33	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/06/2017 12:05	05/07/2017 10:42	LDS
79-01-6	<b>Trichloroethylene</b>	<b>12</b>		ug/m <sup>3</sup>	3.4	25.33	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/06/2017 12:05	05/07/2017 10:42	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m <sup>3</sup>	14	25.33	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/06/2017 12:05	05/07/2017 10:42	LDS
108-05-4	Vinyl acetate	ND		ug/m <sup>3</sup>	8.9	25.33	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/06/2017 12:05	05/07/2017 10:42	LDS
593-60-2	Vinyl bromide	ND		ug/m <sup>3</sup>	11	25.33	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/06/2017 12:05	05/07/2017 10:42	LDS
75-01-4	Vinyl Chloride	ND		ug/m <sup>3</sup>	6.5	25.33	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/06/2017 12:05	05/07/2017 10:42	LDS
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>							
460-00-4	Surrogate: p-Bromofluorobenzene	96.0 %	72-118							





## Notes and Definitions

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 detected analytes only.
<hr/>	
*	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.

# Field Chain-of-Custody Record - AIR

Page \_\_\_\_ of \_\_\_\_

**NOTE:** York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. 17E0161

<b>YOUR INFORMATION</b> Company: <u>Advanced Cleaning Tech</u> Address: <u>110 Maca St.</u> Phone No.: <u>516-441-5800</u> Contact Person: <u>Tim Yang</u> E-Mail Address: <u>timy@act-earth</u>		<b>Report To:</b> Company: <u>ACT</u> Address: <u>Sure</u> Phone No.: <u>Mark Bellone</u> Attention: <u>Marky Bellone</u> E-Mail Address: <u>marky@act-earth</u>		<b>Invoice To:</b> Company: <u>ACT</u> Address: <u>Karen Friedman</u> Phone No.: <u>Karen Friedman</u> Attention: <u>Karen Friedman</u> E-Mail Address: <u>Karen.F@act-earth</u>		<b>YOUR PROJECT ID</b> <u>9233-K6NY</u> <b>Purchase Order No.</b> <u>8</u>		<b>Turn-Around Time</b> RUSH - Same Day <input type="checkbox"/> RUSH - Next Day <input type="checkbox"/> RUSH - Two Day <input type="checkbox"/> RUSH - Three Day <input type="checkbox"/> RUSH - Four Day <input type="checkbox"/> <b>Standard (5-7 Days)</b> <input checked="" type="checkbox"/>		<b>Report Type/Deliverables</b> Summary Report <input checked="" type="checkbox"/> Summary w/ QA Summary <input type="checkbox"/> CT RCP Package <input type="checkbox"/> NY ASP A Package <input type="checkbox"/> NY ASP B/CLP Pkg <input type="checkbox"/> NJDEP Reduced <input type="checkbox"/> <b>Electronic Deliverables:</b> EDD (Specify Type) <input type="checkbox"/> Standard Excel <input type="checkbox"/> Regulatory Comparison Excel <input type="checkbox"/>	
---	--	---	--	---	--	---	--	---	--	---	--

**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)  
Tim Yang  
 Name (printed)  
Tim Yang

**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**



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
SS-5	5/2/17	AS	-30	-9	Y50	01090	T0-15	6 Liter canister <input checked="" type="checkbox"/> Tedlar Bag
SS-6	"	"	-30	-8	Y76	Y14	"	6 Liter canister <input checked="" type="checkbox"/> Tedlar Bag
SS-7	"	"	-28	-9	Y67	5625	"	6 Liter canister <input checked="" type="checkbox"/> Tedlar Bag
								6 Liter canister <input type="checkbox"/> Tedlar Bag
								6 Liter canister <input type="checkbox"/> Tedlar Bag
								6 Liter canister <input type="checkbox"/> Tedlar Bag
								6 Liter canister <input type="checkbox"/> Tedlar Bag
								6 Liter canister <input type="checkbox"/> Tedlar Bag
								6 Liter canister <input type="checkbox"/> Tedlar Bag
								6 Liter canister <input type="checkbox"/> Tedlar Bag
								6 Liter canister <input type="checkbox"/> Tedlar Bag
								6 Liter canister <input type="checkbox"/> Tedlar Bag

**Comments**

MM. L. L. 05/03/2017 1300 5/03/17 1300

Samples Relinquished By MM. L. L. Date/Time 5/03/17 1300

Samples Relinquished By MM. L. L. Date/Time 5/03/17 1300

Samples Received By MM. L. L. Date/Time 5/03/17 1300

Samples Received By MM. L. L. Date/Time 5/03/17 1300



## APPENDIX F

### Indoor Air Survey

# Advanced Cleanup Technologies, Inc.

## ENVIRONMENTAL CONSULTANTS

June 26, 2017

Diane Macari  
Lewis & Murphy Realty, Inc.  
47 Hillside Avenue  
Manhasset, NY 11030

Re: Indoor Air Survey  
68-16 to 68-48 Main Street  
Kew Gardens, NY 11367

Dear Ms. Macari,

Advanced Cleanup Technologies (ACT) performed an Indoor Air Survey at the above referenced property (the Site) on June 13, 2017. The purpose for the survey was to determine whether a Sub-Slab Depressurization System (SSDS) recently installed beneath the bakery's northern cellar floor effectively prevented chlorinated volatile organic compounds (CVOCs) from impacting indoor air at the property.

### **Indoor Air Sampling**

On June 13, 2017, indoor air samples were collected from the north and south bakery cellars and the cellar beneath the optometrist. In addition, an indoor air sample was collected from an office on the first floor of the bakery. Sampling was performed in general conformity with "Guidance for Evaluating Soil Vapor Intrusion in the State of New York," October 2006 (NYSDOH Guidance). Field notes generated during the sampling event are enclosed.

The indoor air samples were collected by placing 6-Liter stainless steel Summa canisters on surfaces approximately 3 feet above the floor. Each Summa canister was equipped with a flow regulator set to a flow rate of approximately 0.025 liters per minute. The canisters were opened to initiate sampling, which continued for approximately 4 hours until the canisters were almost full and the regulators were closed.

The four air samples were transmitted under chain of custody to York Analytical Laboratories, Inc. (NYSDOH #10854) and analyzed for VOCs in accordance with USEPA Method TO-15. Copies of the laboratory reports are also attached.



## Indoor Air Analysis

Table 1 below summarizes the concentrations of CVOCs detected in indoor air samples as compared to NYSDOH Air Guidelines. It can be seen from Table 1 that Tetrachloroethene, Trichloroethene, Carbon Tetrachloride, cis-1,2-Dichloroethene and Methylene Chloride were detected in all of the indoor air samples. However, none of these compounds were found above NYSDOH Air Guidelines in the first floor of the bakery. Furthermore, only PCE was found in the north cellar beneath the bakery where impacted soil was recently discovered, and then only slightly above its NYSDOH Air Guideline. The results confirm that the recently installed SSDS is having a significant effect in preventing impacted soil vapor from entering air inside the building.

It can also be seen from Table 1 that Tetrachloroethene and Trichloroethene were found in air inside the adjacent cellars slightly above NYSDOH Air Guidelines. These results indicate that the existing SSDS is having only limited effect beneath the adjacent commercial units.

The indoor air samples contained other VOCs. However, none were detected above background concentrations in the metropolitan area. Copies of the laboratory reports including the detection limits for all TO-15 VOCs are also enclosed.

<b>Table 1</b> <b>Chlorinated Volatile Organic Compounds in Indoor Air</b>					
Sample ID Sampling Date	NYSDOH Air Guideline <sup>1</sup>	IA-1 6/13/17	IA-2 6/13/17	IA-3 6/13/17	IA-4 6/13/17
Location		North Bakery Cellar	Bakery 1st Floor	South Bakery Cellar	Optomitrist Cellar
Tetrachloroethene	30	36	16	170	100
Trichloroethene	2	1.7	0.85	11	6.0
Carbon tetrachloride	NA	0.45	0.5	0.48	0.49
1,1-Dichloroethene	NA	ND	ND	ND	ND
cis-1,2-Dichloroethene	NA	0.94	1.1	7.8	4.0
1,1,1-Trichloroethane	NA	ND	ND	ND	ND
Methylene Chloride	60	3.4	3.1	6.3	4.6
Vinyl Chloride	NA	ND	ND	ND	ND
All units in µg/m3 EPA Method TO-15 Highlighted values signify detection above screening level ND= Compound not detected <sup>1</sup> Table 3.1 NYSDOH "Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York" (Revised May 2017)					

June 26, 2017  
Ms. Diane Macari  
Lewis & Murphy Realty, Inc.



## **Conclusions**

The results of the Indoor Air Survey are contained in this report. Based upon this survey, ACT makes the following conclusions and recommendations:

- The existing SSDS is maintaining air quality within NYSDOH Air Guidelines inside the bakery and resulting in only minor exceedances of NYSDOH Air Guidelines in the cellars beneath the adjacent commercial units.
- ACT recommends installing additional SSDS's beneath the commercial units adjacent to the bakery. Verification testing should also be performed to confirm the effectiveness of the proposed modifications.

Please feel free to contact the undersigned should you have any questions or comments concerning the above.

Very truly yours,

Paul P. Stewart, MS, QEP  
President  
ASTM-Certified Vapor Encroachment

June 26, 2017  
Ms. Diane Macari  
Lewis & Murphy Realty, Inc.



## **EXCLUSIONS AND DISCLAIMER**

The purpose of this investigation was to assess the potential environmental liabilities at the subject site with respect to data, which Advanced Cleanup Technologies, Inc. has accumulated during the Phase II Environmental Site Assessment. The conclusions presented in this report are based solely on the observations of the site at the time of the investigation. Data provided, including information provided by others, was utilized in assessing the site conditions. The accuracy of this report is subject to the accuracy of the information provided. Advanced Cleanup Technologies, Inc. is not responsible for areas not seen or information not collected. This report is given without a warranty or guarantee of any kind, expressed or implied. Advanced Cleanup Technologies, Inc. assumes no responsibility for losses associated with the use of this report.

9233 KSNV 6/13/17  
Vac Test for system (re-use SS points)  
+ samples

SS-1  $\rightarrow$  -0.000 - 0.001"

SS-2  $\rightarrow$  -0.006"

SS-3  $\rightarrow$  -0.023"

SS-4  $\rightarrow$  -0.002"

} Bakery

} optical

(7)

Blower

INF 42"

Flow 32.5 Ft<sup>3</sup>/min

Canisters

9233 - INF

9233 - MID

9233 - EFF

} system

} bakery

• IA-1 - basement of bakery  
above hot spot

• IA-2 - 1<sup>st</sup> floor office of  
bakery

optical { • IA-3 basement of optical  
• IA-4 1<sup>st</sup> floor optical

Indoor air



960 S. Broadway Hicksville, NY

Date: 6/13/17SAMPLE INFORMATION RECORDPROJECT NO.: 9233-KSNY Sampling Personnel: TY PSJob Locations: Main St New Gardens (Bakery)Field Sample Designation: IA-1 Time: ~ 9 AMWeather: hot sunny Temperature: ~ 90'sSAMPLE TYPE:

GROUNDWATER: \_\_\_\_\_

SEDIMENT: \_\_\_\_\_

SURFACE WATER: \_\_\_\_\_

SOIL: \_\_\_\_\_

AIR: indoor air

OTHER (describe): \_\_\_\_\_

GROUNDWATER INFORMATION:

Depth to Groundwater: \_\_\_\_\_

Measurement Method: \_\_\_\_\_

Depth of well or Sampling Point: \_\_\_\_\_

Measurement Method: \_\_\_\_\_

Volume of Groundwater Purged: \_\_\_\_\_

Purge Method: N/AFIELD TEST RESULTS:

Color: \_\_\_\_\_

pH: \_\_\_\_\_

Odor: \_\_\_\_\_

Temperature (°F/°C): \_\_\_\_\_

Specific Conductance (µmhos/cm): \_\_\_\_\_

Other: PID: \_\_\_\_\_ ppm

Helium Detector: \_\_\_\_\_ ppm

Canister #: 18317Initial Pressure: -27Start Time: 0925Flow Regulator #: Y30Final Pressure: -8End Time: 1255SAMPLE ANALYSIS:TO-15REMARKS:Basement by "hot spot"indoor air

960 S. Broadway Hicksville, NY

Date: 6/13/17

SAMPLE INFORMATION RECORD

PROJECT NO.: 9233-K6NY Sampling Personnel: TY PS

Job Locations: Main St New Gardens (Bakery)

Field Sample Designation: IA-2 Time: ~ 9 AM

Weather: hot sunny Temperature: ~ 90's

SAMPLE TYPE:

GROUNDWATER: \_\_\_\_\_ SEDIMENT: \_\_\_\_\_

SURFACE WATER: \_\_\_\_\_ SOIL: \_\_\_\_\_

AIR: indoor air OTHER (describe): \_\_\_\_\_

GROUNDWATER INFORMATION:

Depth to Groundwater: \_\_\_\_\_ Measurement Method: \_\_\_\_\_

Depth of well or Sampling Point: \_\_\_\_\_ Measurement Method: \_\_\_\_\_

Volume of Groundwater Purged: \_\_\_\_\_ Purge Method: N/A

FIELD TEST RESULTS:

Color: \_\_\_\_\_ pH: \_\_\_\_\_ Odor: \_\_\_\_\_

Temperature (°F/°C): \_\_\_\_\_ Specific Conductance (µmhos/cm): \_\_\_\_\_

Other: PID: \_\_\_\_\_ ppm Helium Detector: \_\_\_\_\_ ppm

Canister #: 24109 Initial Pressure: -29 Start Time: 1045

Flow Regulator #: 5417 Final Pressure: -15 End Time: 1430

SAMPLE ANALYSIS:

TO-15 \_\_\_\_\_

\_\_\_\_\_

REMARKS:

First floor office 'Bakery

Indoor Air \* gauge ran very

slow

-24 @ 1215

960 S. Broadway Hicksville, NY

Date: 6/13/17SAMPLE INFORMATION RECORDPROJECT NO.: 9233 KGWY Sampling Personnel: TY PSJob Locations: Main St. Kew Gardens (Optical)Field Sample Designation: JA-3 Time: ~9 AMWeather: hot sunny Temperature: ~90'sSAMPLE TYPE:

GROUNDWATER: \_\_\_\_\_ SEDIMENT: \_\_\_\_\_

SURFACE WATER: \_\_\_\_\_ SOIL: \_\_\_\_\_

AIR: indoor air OTHER (describe): \_\_\_\_\_GROUNDWATER INFORMATION:

Depth to Groundwater: \_\_\_\_\_ Measurement Method: \_\_\_\_\_

Depth of well or Sampling Point: \_\_\_\_\_ Measurement Method: \_\_\_\_\_

Volume of Groundwater Purged: \_\_\_\_\_ Purge Method: N/AFIELD TEST RESULTS:

Color: \_\_\_\_\_ pH: \_\_\_\_\_ Odor: \_\_\_\_\_

Temperature (°F/°C): \_\_\_\_\_ Specific Conductance (µmhos/cm): \_\_\_\_\_

Other: PID: \_\_\_\_\_ ppm Helium Detector: \_\_\_\_\_ ppm

Canister #: 18298 Initial Pressure: -29 Start Time: 0933Flow Regulator #: 5416 Final Pressure: -4 End Time: 1300SAMPLE ANALYSIS:TO-15 \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

REMARKS: Basement of Opticalindoor air

\_\_\_\_\_

-11 @ 1215

960 S. Broadway Hicksville, NY

Date: 6/13/17

SAMPLE INFORMATION RECORD

PROJECT NO.: 9233-KGNY Sampling Personnel: TY PS

Job Locations: Main St Kew Gardens (Optical)

Field Sample Designation: IA-4 Time: ~9 AM

Weather: hot sunny Temperature: ~90's

SAMPLE TYPE:

GROUNDWATER: \_\_\_\_\_ SEDIMENT: \_\_\_\_\_

SURFACE WATER: \_\_\_\_\_ SOIL: \_\_\_\_\_

AIR: indoor air OTHER (describe): \_\_\_\_\_

GROUNDWATER INFORMATION:

Depth to Groundwater: \_\_\_\_\_ Measurement Method: \_\_\_\_\_

Depth of well or Sampling Point: \_\_\_\_\_ Measurement Method: \_\_\_\_\_

Volume of Groundwater Purged: \_\_\_\_\_ Purge Method: N/A

FIELD TEST RESULTS:

Color: \_\_\_\_\_ pH: \_\_\_\_\_ Odor: \_\_\_\_\_

Temperature (°F/°C): \_\_\_\_\_ Specific Conductance (µmhos/cm): \_\_\_\_\_

Other: PID: \_\_\_\_\_ ppm Helium Detector: \_\_\_\_\_ ppm

Canister #: 18316 Initial Pressure: -29 Start Time: 0935

Flow Regulator #: 5613 Final Pressure: -10 End Time: 1340

SAMPLE ANALYSIS:

TD-15 \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

REMARKS:

First Floor optical

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



# Technical Report

prepared for:

**Advanced Cleanup Technologies, Inc.**  
110 Main Street  
Port Washington NY, 11050  
**Attention: Paul Stewart**

Report Date: 06/19/2017  
**Client Project ID: 9233-KGNY**  
York Project (SDG) No.: 17F0521

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

120 RESEARCH DRIVE  
[www.YORKLAB.com](http://www.YORKLAB.com)

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132-02 89th AVENUE  
FAX (203) 357-0166

RICHMOND HILL, NY 11418  
[ClientServices@yorklab.com](mailto:ClientServices@yorklab.com)

Report Date: 06/19/2017  
Client Project ID: 9233-KGNY  
York Project (SDG) No.: 17F0521

**Advanced Cleanup Technologies, Inc.**  
110 Main Street  
Port Washington NY, 11050  
Attention: Paul Stewart

---

## Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on June 14, 2017 and listed below. The project was identified as your project: **9233-KGNY**.

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
17F0521-01	IA-1	Indoor Ambient Air	06/13/2017	06/14/2017
17F0521-02	IA-2	Indoor Ambient Air	06/13/2017	06/14/2017
17F0521-03	IA-3	Indoor Ambient Air	06/13/2017	06/14/2017
17F0521-04	IA-4	Indoor Ambient Air	06/13/2017	06/14/2017
17F0521-05	9233-Inf	Vapor Extraction	06/13/2017	06/14/2017
17F0521-06	9233-Mid	Vapor Extraction	06/13/2017	06/14/2017
17F0521-07	9233-Eff	Vapor Extraction	06/13/2017	06/14/2017



## **General Notes for York Project (SDG) No.: 17F0521**

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.
9. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

**Approved By:**



Benjamin Gulizia  
Laboratory Director

**Date:** 06/19/2017





## Sample Information

**Client Sample ID:** IA-1

**York Sample ID:** 17F0521-01

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

17F0521

9233-KGNY

Indoor Ambient Air

June 13, 2017 3:00 pm

06/14/2017

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m <sup>3</sup>	0.82	1.189	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 02:36	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m <sup>3</sup>	0.65	1.189	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 02:36	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m <sup>3</sup>	0.82	1.189	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 02:36	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m <sup>3</sup>	0.91	1.189	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 02:36	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m <sup>3</sup>	0.65	1.189	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 02:36	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m <sup>3</sup>	0.48	1.189	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 02:36	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m <sup>3</sup>	0.47	1.189	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 02:36	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m <sup>3</sup>	0.88	1.189	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 02:36	LDS
95-63-6	<b>1,2,4-Trimethylbenzene</b>	<b>9.3</b>		ug/m <sup>3</sup>	0.58	1.189	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 02:36	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m <sup>3</sup>	0.91	1.189	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 02:36	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m <sup>3</sup>	0.71	1.189	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 02:36	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m <sup>3</sup>	0.48	1.189	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 02:36	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m <sup>3</sup>	0.55	1.189	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 02:36	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m <sup>3</sup>	0.83	1.189	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 02:36	LDS
108-67-8	<b>1,3,5-Trimethylbenzene</b>	<b>2.5</b>		ug/m <sup>3</sup>	0.58	1.189	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 02:36	LDS
106-99-0	1,3-Butadiene	ND		ug/m <sup>3</sup>	0.79	1.189	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 02:36	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m <sup>3</sup>	0.71	1.189	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 02:36	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m <sup>3</sup>	0.55	1.189	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 02:36	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m <sup>3</sup>	0.71	1.189	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 02:36	LDS
123-91-1	1,4-Dioxane	ND		ug/m <sup>3</sup>	0.86	1.189	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 02:36	LDS
78-93-3	<b>2-Butanone</b>	<b>18</b>		ug/m <sup>3</sup>	0.35	1.189	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 02:36	LDS



## Sample Information

**Client Sample ID:** IA-1

**York Sample ID:** 17F0521-01

York Project (SDG) No.  
17F0521

Client Project ID  
9233-KGNY

Matrix  
Indoor Ambient Air

Collection Date/Time  
June 13, 2017 3:00 pm

Date Received  
06/14/2017

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND		ug/m <sup>3</sup>	0.97	1.189	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 02:36	LDS
107-05-1	3-Chloropropene	ND		ug/m <sup>3</sup>	1.9	1.189	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 02:36	LDS
108-10-1	4-Methyl-2-pentanone	ND		ug/m <sup>3</sup>	0.49	1.189	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 02:36	LDS
67-64-1	Acetone	240		ug/m <sup>3</sup>	11	22.3	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 13:20	LDS
107-13-1	Acrylonitrile	ND		ug/m <sup>3</sup>	0.26	1.189	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 02:36	LDS
71-43-2	Benzene	7.0		ug/m <sup>3</sup>	0.38	1.189	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 02:36	LDS
100-44-7	Benzyl chloride	ND		ug/m <sup>3</sup>	0.62	1.189	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 02:36	LDS
75-27-4	Bromodichloromethane	ND		ug/m <sup>3</sup>	0.80	1.189	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 02:36	LDS
75-25-2	Bromoform	ND		ug/m <sup>3</sup>	1.2	1.189	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 02:36	LDS
74-83-9	Bromomethane	ND		ug/m <sup>3</sup>	0.46	1.189	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 02:36	LDS
75-15-0	Carbon disulfide	3.4		ug/m <sup>3</sup>	0.37	1.189	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 02:36	LDS
56-23-5	Carbon tetrachloride	0.45		ug/m <sup>3</sup>	0.19	1.189	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 02:36	LDS
108-90-7	Chlorobenzene	ND		ug/m <sup>3</sup>	0.55	1.189	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 02:36	LDS
75-00-3	Chloroethane	ND		ug/m <sup>3</sup>	0.31	1.189	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 02:36	LDS
67-66-3	Chloroform	1.9		ug/m <sup>3</sup>	0.58	1.189	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 02:36	LDS
74-87-3	Chloromethane	1.7		ug/m <sup>3</sup>	0.25	1.189	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 02:36	LDS
156-59-2	cis-1,2-Dichloroethylene	0.94		ug/m <sup>3</sup>	0.47	1.189	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 02:36	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	0.54	1.189	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 02:36	LDS
110-82-7	Cyclohexane	3.2		ug/m <sup>3</sup>	0.41	1.189	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 02:36	LDS
124-48-1	Dibromochloromethane	ND		ug/m <sup>3</sup>	1.0	1.189	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 02:36	LDS
75-71-8	Dichlorodifluoromethane	2.9		ug/m <sup>3</sup>	0.59	1.189	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 02:36	LDS
141-78-6	* Ethyl acetate	9.0		ug/m <sup>3</sup>	0.86	1.189	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 02:36	LDS



## Sample Information

**Client Sample ID:** IA-1

**York Sample ID:** 17F0521-01

**York Project (SDG) No.**  
17F0521

**Client Project ID**  
9233-KGNY

**Matrix**  
Indoor Ambient Air

**Collection Date/Time**  
June 13, 2017 3:00 pm

**Date Received**  
06/14/2017

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	5.7		ug/m <sup>3</sup>	0.52	1.189	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 02:36	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m <sup>3</sup>	1.3	1.189	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 02:36	LDS
67-63-0	Isopropanol	1.6		ug/m <sup>3</sup>	0.58	1.189	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 02:36	LDS
80-62-6	Methyl Methacrylate	4.4		ug/m <sup>3</sup>	0.49	1.189	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 02:36	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m <sup>3</sup>	0.43	1.189	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 02:36	LDS
75-09-2	Methylene chloride	3.4		ug/m <sup>3</sup>	0.83	1.189	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 02:36	LDS
142-82-5	n-Heptane	6.2		ug/m <sup>3</sup>	0.49	1.189	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 02:36	LDS
110-54-3	n-Hexane	15		ug/m <sup>3</sup>	0.42	1.189	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 02:36	LDS
95-47-6	o-Xylene	6.7		ug/m <sup>3</sup>	0.52	1.189	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 02:36	LDS
179601-23-1	p- & m- Xylenes	21		ug/m <sup>3</sup>	1.0	1.189	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 02:36	LDS
622-96-8	* p-Ethyltoluene	8.0		ug/m <sup>3</sup>	0.58	1.189	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 02:36	LDS
115-07-1	* Propylene	3.6		ug/m <sup>3</sup>	0.20	1.189	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 02:36	LDS
100-42-5	Styrene	ND		ug/m <sup>3</sup>	0.51	1.189	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 02:36	LDS
127-18-4	Tetrachloroethylene	36		ug/m <sup>3</sup>	0.20	1.189	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 02:36	LDS
109-99-9	* Tetrahydrofuran	18		ug/m <sup>3</sup>	0.70	1.189	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 02:36	LDS
108-88-3	Toluene	28		ug/m <sup>3</sup>	0.45	1.189	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 02:36	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m <sup>3</sup>	0.47	1.189	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 02:36	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	0.54	1.189	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 02:36	LDS
79-01-6	Trichloroethylene	1.7		ug/m <sup>3</sup>	0.16	1.189	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 02:36	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	1.6		ug/m <sup>3</sup>	0.67	1.189	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 02:36	LDS
108-05-4	Vinyl acetate	ND		ug/m <sup>3</sup>	0.42	1.189	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 02:36	LDS
593-60-2	Vinyl bromide	ND		ug/m <sup>3</sup>	0.52	1.189	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 02:36	LDS
75-01-4	Vinyl Chloride	ND		ug/m <sup>3</sup>	0.30	1.189	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 02:36	LDS



## Sample Information

**Client Sample ID:** IA-1

**York Sample ID:** 17F0521-01

York Project (SDG) No.  
17F0521

Client Project ID  
9233-KGNY

Matrix  
Indoor Ambient Air

Collection Date/Time  
June 13, 2017 3:00 pm

Date Received  
06/14/2017

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result	Acceptance Range							
460-00-4	Surrogate: p-Bromofluorobenzene	94.4 %	72-118							

## Sample Information

**Client Sample ID:** IA-2

**York Sample ID:** 17F0521-02

York Project (SDG) No.  
17F0521

Client Project ID  
9233-KGNY

Matrix  
Indoor Ambient Air

Collection Date/Time  
June 13, 2017 3:00 pm

Date Received  
06/14/2017

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m <sup>3</sup>	1.1	1.588	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 03:46	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m <sup>3</sup>	0.87	1.588	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 03:46	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m <sup>3</sup>	1.1	1.588	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 03:46	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m <sup>3</sup>	1.2	1.588	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 03:46	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m <sup>3</sup>	0.87	1.588	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 03:46	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m <sup>3</sup>	0.64	1.588	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 03:46	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m <sup>3</sup>	0.63	1.588	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 03:46	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m <sup>3</sup>	1.2	1.588	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 03:46	LDS
95-63-6	<b>1,2,4-Trimethylbenzene</b>	<b>2.5</b>		ug/m <sup>3</sup>	0.78	1.588	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 03:46	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m <sup>3</sup>	1.2	1.588	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 03:46	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m <sup>3</sup>	0.95	1.588	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 03:46	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m <sup>3</sup>	0.64	1.588	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 03:46	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m <sup>3</sup>	0.73	1.588	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 03:46	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m <sup>3</sup>	1.1	1.588	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 03:46	LDS



## Sample Information

**Client Sample ID:** IA-2

**York Sample ID:** 17F0521-02

York Project (SDG) No.  
17F0521

Client Project ID  
9233-KGNY

Matrix  
Indoor Ambient Air

Collection Date/Time  
June 13, 2017 3:00 pm

Date Received  
06/14/2017

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m <sup>3</sup>	0.78	1.588	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 03:46	LDS
106-99-0	1,3-Butadiene	ND		ug/m <sup>3</sup>	1.1	1.588	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 03:46	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m <sup>3</sup>	0.95	1.588	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 03:46	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m <sup>3</sup>	0.73	1.588	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 03:46	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m <sup>3</sup>	0.95	1.588	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 03:46	LDS
123-91-1	1,4-Dioxane	ND		ug/m <sup>3</sup>	1.1	1.588	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 03:46	LDS
78-93-3	<b>2-Butanone</b>	<b>4.3</b>		ug/m <sup>3</sup>	0.47	1.588	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 03:46	LDS
591-78-6	* 2-Hexanone	ND		ug/m <sup>3</sup>	1.3	1.588	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 03:46	LDS
107-05-1	3-Chloropropene	ND		ug/m <sup>3</sup>	2.5	1.588	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 03:46	LDS
108-10-1	4-Methyl-2-pentanone	ND		ug/m <sup>3</sup>	0.65	1.588	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 03:46	LDS
67-64-1	<b>Acetone</b>	<b>680</b>		ug/m <sup>3</sup>	14	29.78	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/15/2017 19:23	06/15/2017 19:23	LDS
107-13-1	Acrylonitrile	ND		ug/m <sup>3</sup>	0.34	1.588	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 03:46	LDS
71-43-2	<b>Benzene</b>	<b>0.91</b>		ug/m <sup>3</sup>	0.51	1.588	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 03:46	LDS
100-44-7	Benzyl chloride	ND		ug/m <sup>3</sup>	0.82	1.588	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 03:46	LDS
75-27-4	Bromodichloromethane	ND		ug/m <sup>3</sup>	1.1	1.588	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 03:46	LDS
75-25-2	Bromoform	ND		ug/m <sup>3</sup>	1.6	1.588	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 03:46	LDS
74-83-9	Bromomethane	ND		ug/m <sup>3</sup>	0.62	1.588	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 03:46	LDS
75-15-0	<b>Carbon disulfide</b>	<b>2.6</b>		ug/m <sup>3</sup>	0.49	1.588	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 03:46	LDS
56-23-5	<b>Carbon tetrachloride</b>	<b>0.50</b>		ug/m <sup>3</sup>	0.25	1.588	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 03:46	LDS
108-90-7	Chlorobenzene	ND		ug/m <sup>3</sup>	0.73	1.588	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 03:46	LDS
75-00-3	Chloroethane	ND		ug/m <sup>3</sup>	0.42	1.588	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 03:46	LDS
67-66-3	<b>Chloroform</b>	<b>1.5</b>		ug/m <sup>3</sup>	0.78	1.588	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 03:46	LDS





## Sample Information

**Client Sample ID:** IA-2

**York Sample ID:** 17F0521-02

York Project (SDG) No.  
17F0521

Client Project ID  
9233-KGNY

Matrix  
Indoor Ambient Air

Collection Date/Time  
June 13, 2017 3:00 pm

Date Received  
06/14/2017

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	1.7		ug/m <sup>3</sup>	0.33	1.588	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 03:46	LDS
156-59-2	cis-1,2-Dichloroethylene	1.1		ug/m <sup>3</sup>	0.63	1.588	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 03:46	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	0.72	1.588	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 03:46	LDS
110-82-7	Cyclohexane	ND		ug/m <sup>3</sup>	0.55	1.588	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 03:46	LDS
124-48-1	Dibromochloromethane	ND		ug/m <sup>3</sup>	1.4	1.588	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 03:46	LDS
75-71-8	Dichlorodifluoromethane	2.2		ug/m <sup>3</sup>	0.79	1.588	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 03:46	LDS
141-78-6	* Ethyl acetate	15		ug/m <sup>3</sup>	1.1	1.588	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 03:46	LDS
100-41-4	Ethyl Benzene	0.69		ug/m <sup>3</sup>	0.69	1.588	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 03:46	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m <sup>3</sup>	1.7	1.588	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 03:46	LDS
67-63-0	Isopropanol	ND		ug/m <sup>3</sup>	0.78	1.588	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 03:46	LDS
80-62-6	Methyl Methacrylate	1.8		ug/m <sup>3</sup>	0.65	1.588	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 03:46	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m <sup>3</sup>	0.57	1.588	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 03:46	LDS
75-09-2	Methylene chloride	3.1		ug/m <sup>3</sup>	1.1	1.588	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 03:46	LDS
142-82-5	n-Heptane	0.91		ug/m <sup>3</sup>	0.65	1.588	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 03:46	LDS
110-54-3	n-Hexane	1.2		ug/m <sup>3</sup>	0.56	1.588	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 03:46	LDS
95-47-6	o-Xylene	0.97		ug/m <sup>3</sup>	0.69	1.588	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 03:46	LDS
179601-23-1	p- & m- Xylenes	2.4		ug/m <sup>3</sup>	1.4	1.588	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 03:46	LDS
622-96-8	* p-Ethyltoluene	1.6		ug/m <sup>3</sup>	0.78	1.588	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 03:46	LDS
115-07-1	* Propylene	8.9		ug/m <sup>3</sup>	0.27	1.588	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 03:46	LDS
100-42-5	Styrene	ND		ug/m <sup>3</sup>	0.68	1.588	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 03:46	LDS
127-18-4	Tetrachloroethylene	16		ug/m <sup>3</sup>	0.27	1.588	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 03:46	LDS
109-99-9	* Tetrahydrofuran	1.2		ug/m <sup>3</sup>	0.94	1.588	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 03:46	LDS
108-88-3	Toluene	5.6		ug/m <sup>3</sup>	0.60	1.588	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 03:46	LDS



## Sample Information

**Client Sample ID:** IA-2

**York Sample ID:** 17F0521-02

York Project (SDG) No.  
17F0521

Client Project ID  
9233-KGNY

Matrix  
Indoor Ambient Air

Collection Date/Time  
June 13, 2017 3:00 pm

Date Received  
06/14/2017

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m <sup>3</sup>	0.63	1.588	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 03:46	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	0.72	1.588	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 03:46	LDS
79-01-6	<b>Trichloroethylene</b>	<b>0.85</b>		ug/m <sup>3</sup>	0.21	1.588	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 03:46	LDS
75-69-4	<b>Trichlorofluoromethane (Freon 11)</b>	<b>1.4</b>		ug/m <sup>3</sup>	0.89	1.588	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 03:46	LDS
108-05-4	Vinyl acetate	ND		ug/m <sup>3</sup>	0.56	1.588	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 03:46	LDS
593-60-2	Vinyl bromide	ND		ug/m <sup>3</sup>	0.69	1.588	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 03:46	LDS
75-01-4	Vinyl Chloride	ND		ug/m <sup>3</sup>	0.41	1.588	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 03:46	LDS
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>							
460-00-4	Surrogate: <i>p</i> -Bromofluorobenzene	95.0 %	72-118							

## Sample Information

**Client Sample ID:** IA-3

**York Sample ID:** 17F0521-03

York Project (SDG) No.  
17F0521

Client Project ID  
9233-KGNY

Matrix  
Indoor Ambient Air

Collection Date/Time  
June 13, 2017 3:00 pm

Date Received  
06/14/2017

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m <sup>3</sup>	0.74	1.084	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 04:55	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m <sup>3</sup>	0.59	1.084	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 04:55	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m <sup>3</sup>	0.74	1.084	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 04:55	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m <sup>3</sup>	0.83	1.084	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 04:55	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m <sup>3</sup>	0.59	1.084	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 04:55	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m <sup>3</sup>	0.44	1.084	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 04:55	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m <sup>3</sup>	0.43	1.084	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 04:55	LDS



## Sample Information

**Client Sample ID:** IA-3

**York Sample ID:** 17F0521-03

York Project (SDG) No.  
17F0521

Client Project ID  
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Matrix  
Indoor Ambient Air

Collection Date/Time  
June 13, 2017 3:00 pm

Date Received  
06/14/2017

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m <sup>3</sup>	0.80	1.084	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 04:55	LDS
95-63-6	<b>1,2,4-Trimethylbenzene</b>	<b>3.6</b>		ug/m <sup>3</sup>	0.53	1.084	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 04:55	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m <sup>3</sup>	0.83	1.084	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 04:55	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m <sup>3</sup>	0.65	1.084	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 04:55	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m <sup>3</sup>	0.44	1.084	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 04:55	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m <sup>3</sup>	0.50	1.084	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 04:55	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m <sup>3</sup>	0.76	1.084	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 04:55	LDS
108-67-8	<b>1,3,5-Trimethylbenzene</b>	<b>0.80</b>		ug/m <sup>3</sup>	0.53	1.084	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 04:55	LDS
106-99-0	1,3-Butadiene	ND		ug/m <sup>3</sup>	0.72	1.084	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 04:55	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m <sup>3</sup>	0.65	1.084	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 04:55	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m <sup>3</sup>	0.50	1.084	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 04:55	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m <sup>3</sup>	0.65	1.084	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 04:55	LDS
123-91-1	1,4-Dioxane	ND		ug/m <sup>3</sup>	0.78	1.084	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 04:55	LDS
78-93-3	<b>2-Butanone</b>	<b>4.4</b>		ug/m <sup>3</sup>	0.32	1.084	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 04:55	LDS
591-78-6	* 2-Hexanone	ND		ug/m <sup>3</sup>	0.89	1.084	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 04:55	LDS
107-05-1	3-Chloropropene	ND		ug/m <sup>3</sup>	1.7	1.084	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 04:55	LDS
108-10-1	4-Methyl-2-pentanone	ND		ug/m <sup>3</sup>	0.44	1.084	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 04:55	LDS
67-64-1	<b>Acetone</b>	<b>610</b>		ug/m <sup>3</sup>	9.7	20.32	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/15/2017 20:25	06/15/2017 20:25	LDS
107-13-1	Acrylonitrile	ND		ug/m <sup>3</sup>	0.24	1.084	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 04:55	LDS
71-43-2	<b>Benzene</b>	<b>1.8</b>		ug/m <sup>3</sup>	0.35	1.084	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 04:55	LDS
100-44-7	Benzyl chloride	ND		ug/m <sup>3</sup>	0.56	1.084	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 04:55	LDS
75-27-4	Bromodichloromethane	ND		ug/m <sup>3</sup>	0.73	1.084	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 04:55	LDS



## Sample Information

**Client Sample ID:** IA-3

**York Sample ID:** 17F0521-03

York Project (SDG) No.  
17F0521

Client Project ID  
9233-KGNY

Matrix  
Indoor Ambient Air

Collection Date/Time  
June 13, 2017 3:00 pm

Date Received  
06/14/2017

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-25-2	Bromoform	ND		ug/m <sup>3</sup>	1.1	1.084	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 04:55	LDS
74-83-9	Bromomethane	ND		ug/m <sup>3</sup>	0.42	1.084	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 04:55	LDS
75-15-0	<b>Carbon disulfide</b>	<b>0.37</b>		ug/m <sup>3</sup>	0.34	1.084	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 04:55	LDS
56-23-5	<b>Carbon tetrachloride</b>	<b>0.48</b>		ug/m <sup>3</sup>	0.17	1.084	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 04:55	LDS
108-90-7	Chlorobenzene	ND		ug/m <sup>3</sup>	0.50	1.084	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 04:55	LDS
75-00-3	Chloroethane	ND		ug/m <sup>3</sup>	0.29	1.084	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 04:55	LDS
67-66-3	<b>Chloroform</b>	<b>1.8</b>		ug/m <sup>3</sup>	0.53	1.084	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 04:55	LDS
74-87-3	<b>Chloromethane</b>	<b>1.7</b>		ug/m <sup>3</sup>	0.22	1.084	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 04:55	LDS
156-59-2	<b>cis-1,2-Dichloroethylene</b>	<b>7.8</b>		ug/m <sup>3</sup>	0.43	1.084	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 04:55	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	0.49	1.084	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 04:55	LDS
110-82-7	<b>Cyclohexane</b>	<b>0.56</b>		ug/m <sup>3</sup>	0.37	1.084	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 04:55	LDS
124-48-1	Dibromochloromethane	ND		ug/m <sup>3</sup>	0.92	1.084	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 04:55	LDS
75-71-8	<b>Dichlorodifluoromethane</b>	<b>2.3</b>		ug/m <sup>3</sup>	0.54	1.084	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 04:55	LDS
141-78-6	<b>* Ethyl acetate</b>	<b>22</b>		ug/m <sup>3</sup>	0.78	1.084	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 04:55	LDS
100-41-4	<b>Ethyl Benzene</b>	<b>1.2</b>		ug/m <sup>3</sup>	0.47	1.084	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 04:55	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m <sup>3</sup>	1.2	1.084	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 04:55	LDS
67-63-0	Isopropanol	ND		ug/m <sup>3</sup>	0.53	1.084	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 04:55	LDS
80-62-6	<b>Methyl Methacrylate</b>	<b>10</b>		ug/m <sup>3</sup>	0.44	1.084	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 04:55	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m <sup>3</sup>	0.39	1.084	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 04:55	LDS
75-09-2	<b>Methylene chloride</b>	<b>6.3</b>		ug/m <sup>3</sup>	0.75	1.084	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 04:55	LDS
142-82-5	<b>n-Heptane</b>	<b>1.9</b>		ug/m <sup>3</sup>	0.44	1.084	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 04:55	LDS
110-54-3	<b>n-Hexane</b>	<b>1.9</b>		ug/m <sup>3</sup>	0.38	1.084	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 04:55	LDS



## Sample Information

**Client Sample ID:** IA-3

**York Sample ID:** 17F0521-03

York Project (SDG) No.

17F0521

Client Project ID

9233-KGNY

Matrix

Indoor Ambient Air

Collection Date/Time

June 13, 2017 3:00 pm

Date Received

06/14/2017

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	<b>o-Xylene</b>	<b>1.6</b>		ug/m <sup>3</sup>	0.47	1.084	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 04:55	LDS
179601-23-1	<b>p- &amp; m- Xylenes</b>	<b>4.1</b>		ug/m <sup>3</sup>	0.94	1.084	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 04:55	LDS
622-96-8	<b>* p-Ethyltoluene</b>	<b>2.1</b>		ug/m <sup>3</sup>	0.53	1.084	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 04:55	LDS
115-07-1	<b>* Propylene</b>	<b>2.7</b>		ug/m <sup>3</sup>	0.19	1.084	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 04:55	LDS
100-42-5	<b>Styrene</b>	<b>0.55</b>		ug/m <sup>3</sup>	0.46	1.084	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 04:55	LDS
127-18-4	<b>Tetrachloroethylene</b>	<b>170</b>		ug/m <sup>3</sup>	0.18	1.084	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 04:55	LDS
109-99-9	<b>* Tetrahydrofuran</b>	<b>1.4</b>		ug/m <sup>3</sup>	0.64	1.084	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 04:55	LDS
108-88-3	<b>Toluene</b>	<b>12</b>		ug/m <sup>3</sup>	0.41	1.084	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 04:55	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m <sup>3</sup>	0.43	1.084	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 04:55	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	0.49	1.084	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 04:55	LDS
79-01-6	<b>Trichloroethylene</b>	<b>11</b>		ug/m <sup>3</sup>	0.15	1.084	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 04:55	LDS
75-69-4	<b>Trichlorofluoromethane (Freon 11)</b>	<b>1.7</b>		ug/m <sup>3</sup>	0.61	1.084	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 04:55	LDS
108-05-4	Vinyl acetate	ND		ug/m <sup>3</sup>	0.38	1.084	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 04:55	LDS
593-60-2	Vinyl bromide	ND		ug/m <sup>3</sup>	0.47	1.084	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 04:55	LDS
75-01-4	Vinyl Chloride	ND		ug/m <sup>3</sup>	0.28	1.084	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 04:55	LDS
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>							
460-00-4	Surrogate: p-Bromofluorobenzene	98.4 %	72-118							

## Sample Information

**Client Sample ID:** IA-4

**York Sample ID:** 17F0521-04

York Project (SDG) No.

17F0521

Client Project ID

9233-KGNY

Matrix

Indoor Ambient Air

Collection Date/Time

June 13, 2017 3:00 pm

Date Received

06/14/2017



## Sample Information

**Client Sample ID:** IA-4

**York Sample ID:** 17F0521-04

York Project (SDG) No.  
17F0521

Client Project ID  
9233-KGNY

Matrix  
Indoor Ambient Air

Collection Date/Time  
June 13, 2017 3:00 pm

Date Received  
06/14/2017

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m <sup>3</sup>	0.76	1.104	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 06:05	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m <sup>3</sup>	0.60	1.104	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 06:05	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m <sup>3</sup>	0.76	1.104	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 06:05	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m <sup>3</sup>	0.85	1.104	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 06:05	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m <sup>3</sup>	0.60	1.104	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 06:05	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m <sup>3</sup>	0.45	1.104	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 06:05	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m <sup>3</sup>	0.44	1.104	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 06:05	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m <sup>3</sup>	0.82	1.104	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 06:05	LDS
95-63-6	<b>1,2,4-Trimethylbenzene</b>	<b>2.8</b>		ug/m <sup>3</sup>	0.54	1.104	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 06:05	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m <sup>3</sup>	0.85	1.104	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 06:05	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m <sup>3</sup>	0.66	1.104	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 06:05	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m <sup>3</sup>	0.45	1.104	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 06:05	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m <sup>3</sup>	0.51	1.104	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 06:05	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m <sup>3</sup>	0.77	1.104	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 06:05	LDS
108-67-8	<b>1,3,5-Trimethylbenzene</b>	<b>0.81</b>		ug/m <sup>3</sup>	0.54	1.104	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 06:05	LDS
106-99-0	1,3-Butadiene	ND		ug/m <sup>3</sup>	0.73	1.104	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 06:05	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m <sup>3</sup>	0.66	1.104	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 06:05	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m <sup>3</sup>	0.51	1.104	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 06:05	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m <sup>3</sup>	0.66	1.104	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 06:05	LDS
123-91-1	1,4-Dioxane	ND		ug/m <sup>3</sup>	0.80	1.104	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 06:05	LDS
78-93-3	<b>2-Butanone</b>	<b>5.5</b>		ug/m <sup>3</sup>	0.33	1.104	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 06:05	LDS
591-78-6	* 2-Hexanone	ND		ug/m <sup>3</sup>	0.90	1.104	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 06:05	LDS





## Sample Information

**Client Sample ID:** IA-4

**York Sample ID:** 17F0521-04

York Project (SDG) No.  
17F0521

Client Project ID  
9233-KGNY

Matrix  
Indoor Ambient Air

Collection Date/Time  
June 13, 2017 3:00 pm

Date Received  
06/14/2017

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m <sup>3</sup>	1.7	1.104	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 06:05	LDS
108-10-1	4-Methyl-2-pentanone	ND		ug/m <sup>3</sup>	0.45	1.104	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 06:05	LDS
67-64-1	<b>Acetone</b>	<b>450</b>		ug/m <sup>3</sup>	9.8	20.71	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/15/2017 21:26	06/15/2017 21:26	LDS
107-13-1	Acrylonitrile	ND		ug/m <sup>3</sup>	0.24	1.104	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 06:05	LDS
71-43-2	<b>Benzene</b>	<b>1.9</b>		ug/m <sup>3</sup>	0.35	1.104	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 06:05	LDS
100-44-7	Benzyl chloride	ND		ug/m <sup>3</sup>	0.57	1.104	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 06:05	LDS
75-27-4	Bromodichloromethane	ND		ug/m <sup>3</sup>	0.74	1.104	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 06:05	LDS
75-25-2	Bromoform	ND		ug/m <sup>3</sup>	1.1	1.104	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 06:05	LDS
74-83-9	Bromomethane	ND		ug/m <sup>3</sup>	0.43	1.104	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 06:05	LDS
75-15-0	<b>Carbon disulfide</b>	<b>0.38</b>		ug/m <sup>3</sup>	0.34	1.104	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 06:05	LDS
56-23-5	<b>Carbon tetrachloride</b>	<b>0.49</b>		ug/m <sup>3</sup>	0.17	1.104	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 06:05	LDS
108-90-7	Chlorobenzene	ND		ug/m <sup>3</sup>	0.51	1.104	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 06:05	LDS
75-00-3	Chloroethane	ND		ug/m <sup>3</sup>	0.29	1.104	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 06:05	LDS
67-66-3	<b>Chloroform</b>	<b>1.5</b>		ug/m <sup>3</sup>	0.54	1.104	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 06:05	LDS
74-87-3	<b>Chloromethane</b>	<b>1.8</b>		ug/m <sup>3</sup>	0.23	1.104	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 06:05	LDS
156-59-2	<b>cis-1,2-Dichloroethylene</b>	<b>4.0</b>		ug/m <sup>3</sup>	0.44	1.104	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 06:05	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	0.50	1.104	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 06:05	LDS
110-82-7	<b>Cyclohexane</b>	<b>0.57</b>		ug/m <sup>3</sup>	0.38	1.104	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 06:05	LDS
124-48-1	Dibromochloromethane	ND		ug/m <sup>3</sup>	0.94	1.104	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 06:05	LDS
75-71-8	<b>Dichlorodifluoromethane</b>	<b>2.2</b>		ug/m <sup>3</sup>	0.55	1.104	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 06:05	LDS
141-78-6	<b>* Ethyl acetate</b>	<b>17</b>		ug/m <sup>3</sup>	0.80	1.104	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 06:05	LDS
100-41-4	<b>Ethyl Benzene</b>	<b>1.5</b>		ug/m <sup>3</sup>	0.48	1.104	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 06:05	LDS



## Sample Information

**Client Sample ID:** IA-4

**York Sample ID:** 17F0521-04

York Project (SDG) No.  
17F0521

Client Project ID  
9233-KGNY

Matrix  
Indoor Ambient Air

Collection Date/Time  
June 13, 2017 3:00 pm

Date Received  
06/14/2017

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/m <sup>3</sup>	1.2	1.104	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 06:05	LDS
67-63-0	Isopropanol	12		ug/m <sup>3</sup>	0.54	1.104	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 06:05	LDS
80-62-6	Methyl Methacrylate	6.5		ug/m <sup>3</sup>	0.45	1.104	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 06:05	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m <sup>3</sup>	0.40	1.104	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 06:05	LDS
75-09-2	Methylene chloride	4.6		ug/m <sup>3</sup>	0.77	1.104	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 06:05	LDS
142-82-5	n-Heptane	1.9		ug/m <sup>3</sup>	0.45	1.104	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 06:05	LDS
110-54-3	n-Hexane	2.5		ug/m <sup>3</sup>	0.39	1.104	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 06:05	LDS
95-47-6	o-Xylene	1.8		ug/m <sup>3</sup>	0.48	1.104	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 06:05	LDS
179601-23-1	p- & m- Xylenes	4.8		ug/m <sup>3</sup>	0.96	1.104	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 06:05	LDS
622-96-8	* p-Ethyltoluene	2.4		ug/m <sup>3</sup>	0.54	1.104	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 06:05	LDS
115-07-1	* Propylene	2.5		ug/m <sup>3</sup>	0.19	1.104	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 06:05	LDS
100-42-5	Styrene	0.71		ug/m <sup>3</sup>	0.47	1.104	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 06:05	LDS
127-18-4	Tetrachloroethylene	100		ug/m <sup>3</sup>	0.19	1.104	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 06:05	LDS
109-99-9	* Tetrahydrofuran	2.8		ug/m <sup>3</sup>	0.65	1.104	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 06:05	LDS
108-88-3	Toluene	11		ug/m <sup>3</sup>	0.42	1.104	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 06:05	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m <sup>3</sup>	0.44	1.104	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 06:05	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	0.50	1.104	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 06:05	LDS
79-01-6	Trichloroethylene	6.0		ug/m <sup>3</sup>	0.15	1.104	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 06:05	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	1.8		ug/m <sup>3</sup>	0.62	1.104	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 06:05	LDS
108-05-4	Vinyl acetate	ND		ug/m <sup>3</sup>	0.39	1.104	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 06:05	LDS
593-60-2	Vinyl bromide	ND		ug/m <sup>3</sup>	0.48	1.104	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 06:05	LDS
75-01-4	Vinyl Chloride	ND		ug/m <sup>3</sup>	0.28	1.104	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 06:05	LDS
Surrogate Recoveries		Result	Acceptance Range							



## Sample Information

**Client Sample ID:** IA-4

**York Sample ID:** 17F0521-04

York Project (SDG) No.  
17F0521

Client Project ID  
9233-KGNY

Matrix  
Indoor Ambient Air

Collection Date/Time  
June 13, 2017 3:00 pm

Date Received  
06/14/2017

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	Surrogate: p-Bromofluorobenzene	98.3 %			72-118					

## Sample Information

**Client Sample ID:** 9233-Inf

**York Sample ID:** 17F0521-05

York Project (SDG) No.  
17F0521

Client Project ID  
9233-KGNY

Matrix  
Vapor Extraction

Collection Date/Time  
June 13, 2017 3:00 pm

Date Received  
06/14/2017

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m <sup>3</sup>	12	18.19	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 08:17	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m <sup>3</sup>	9.9	18.19	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 08:17	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m <sup>3</sup>	12	18.19	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 08:17	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m <sup>3</sup>	14	18.19	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 08:17	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m <sup>3</sup>	9.9	18.19	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 08:17	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m <sup>3</sup>	7.4	18.19	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 08:17	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m <sup>3</sup>	7.2	18.19	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 08:17	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m <sup>3</sup>	13	18.19	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 08:17	LDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m <sup>3</sup>	8.9	18.19	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 08:17	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m <sup>3</sup>	14	18.19	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 08:17	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m <sup>3</sup>	11	18.19	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 08:17	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m <sup>3</sup>	7.4	18.19	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 08:17	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m <sup>3</sup>	8.4	18.19	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 08:17	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m <sup>3</sup>	13	18.19	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 08:17	LDS



## Sample Information

**Client Sample ID:** 9233-Inf

**York Sample ID:** 17F0521-05

York Project (SDG) No.  
17F0521

Client Project ID  
9233-KGNY

Matrix  
Vapor Extraction

Collection Date/Time  
June 13, 2017 3:00 pm

Date Received  
06/14/2017

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m <sup>3</sup>	8.9	18.19	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 08:17	LDS
106-99-0	1,3-Butadiene	ND		ug/m <sup>3</sup>	12	18.19	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 08:17	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m <sup>3</sup>	11	18.19	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 08:17	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m <sup>3</sup>	8.4	18.19	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 08:17	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m <sup>3</sup>	11	18.19	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 08:17	LDS
123-91-1	1,4-Dioxane	ND		ug/m <sup>3</sup>	13	18.19	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 08:17	LDS
78-93-3	<b>2-Butanone</b>	<b>450</b>		ug/m <sup>3</sup>	5.4	18.19	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 08:17	LDS
591-78-6	* 2-Hexanone	ND		ug/m <sup>3</sup>	15	18.19	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 08:17	LDS
107-05-1	3-Chloropropene	ND		ug/m <sup>3</sup>	28	18.19	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 08:17	LDS
108-10-1	4-Methyl-2-pentanone	ND		ug/m <sup>3</sup>	7.5	18.19	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 08:17	LDS
67-64-1	<b>Acetone</b>	<b>110</b>		ug/m <sup>3</sup>	8.6	18.19	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 08:17	LDS
107-13-1	Acrylonitrile	ND		ug/m <sup>3</sup>	3.9	18.19	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 08:17	LDS
71-43-2	Benzene	ND		ug/m <sup>3</sup>	5.8	18.19	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 08:17	LDS
100-44-7	Benzyl chloride	ND		ug/m <sup>3</sup>	9.4	18.19	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 08:17	LDS
75-27-4	Bromodichloromethane	ND		ug/m <sup>3</sup>	12	18.19	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 08:17	LDS
75-25-2	Bromoform	ND		ug/m <sup>3</sup>	19	18.19	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 08:17	LDS
74-83-9	Bromomethane	ND		ug/m <sup>3</sup>	7.1	18.19	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 08:17	LDS
75-15-0	Carbon disulfide	ND		ug/m <sup>3</sup>	5.7	18.19	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 08:17	LDS
56-23-5	Carbon tetrachloride	ND		ug/m <sup>3</sup>	2.9	18.19	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 08:17	LDS
108-90-7	Chlorobenzene	ND		ug/m <sup>3</sup>	8.4	18.19	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 08:17	LDS
75-00-3	Chloroethane	ND		ug/m <sup>3</sup>	4.8	18.19	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 08:17	LDS
67-66-3	<b>Chloroform</b>	<b>12</b>		ug/m <sup>3</sup>	8.9	18.19	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 08:17	LDS



## Sample Information

**Client Sample ID:** 9233-Inf

**York Sample ID:** 17F0521-05

York Project (SDG) No.  
17F0521

Client Project ID  
9233-KGNY

Matrix  
Vapor Extraction

Collection Date/Time  
June 13, 2017 3:00 pm

Date Received  
06/14/2017

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/m <sup>3</sup>	3.8	18.19	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 08:17	LDS
156-59-2	<b>cis-1,2-Dichloroethylene</b>	<b>620</b>		ug/m <sup>3</sup>	7.2	18.19	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 08:17	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	8.3	18.19	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 08:17	LDS
110-82-7	Cyclohexane	ND		ug/m <sup>3</sup>	6.3	18.19	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 08:17	LDS
124-48-1	Dibromochloromethane	ND		ug/m <sup>3</sup>	15	18.19	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 08:17	LDS
75-71-8	Dichlorodifluoromethane	ND		ug/m <sup>3</sup>	9.0	18.19	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 08:17	LDS
141-78-6	* Ethyl acetate	ND		ug/m <sup>3</sup>	13	18.19	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 08:17	LDS
100-41-4	Ethyl Benzene	ND		ug/m <sup>3</sup>	7.9	18.19	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 08:17	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m <sup>3</sup>	19	18.19	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 08:17	LDS
67-63-0	Isopropanol	ND		ug/m <sup>3</sup>	8.9	18.19	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 08:17	LDS
80-62-6	Methyl Methacrylate	ND		ug/m <sup>3</sup>	7.4	18.19	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 08:17	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m <sup>3</sup>	6.6	18.19	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 08:17	LDS
75-09-2	Methylene chloride	ND		ug/m <sup>3</sup>	13	18.19	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 08:17	LDS
142-82-5	n-Heptane	ND		ug/m <sup>3</sup>	7.5	18.19	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 08:17	LDS
110-54-3	n-Hexane	ND		ug/m <sup>3</sup>	6.4	18.19	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 08:17	LDS
95-47-6	o-Xylene	ND		ug/m <sup>3</sup>	7.9	18.19	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 08:17	LDS
179601-23-1	p- & m- Xylenes	ND		ug/m <sup>3</sup>	16	18.19	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 08:17	LDS
622-96-8	* p-Ethyltoluene	ND		ug/m <sup>3</sup>	8.9	18.19	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 08:17	LDS
115-07-1	* <b>Propylene</b>	<b>8.5</b>		ug/m <sup>3</sup>	3.1	18.19	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 08:17	LDS
100-42-5	<b>Styrene</b>	<b>26</b>		ug/m <sup>3</sup>	7.7	18.19	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 08:17	LDS
127-18-4	<b>Tetrachloroethylene</b>	<b>6100</b>		ug/m <sup>3</sup>	3.1	18.19	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 08:17	LDS
109-99-9	* <b>Tetrahydrofuran</b>	<b>170</b>		ug/m <sup>3</sup>	11	18.19	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 08:17	LDS



## Sample Information

**Client Sample ID:** 9233-Inf

**York Sample ID:** 17F0521-05

York Project (SDG) No.  
17F0521

Client Project ID  
9233-KGNY

Matrix  
Vapor Extraction

Collection Date/Time  
June 13, 2017 3:00 pm

Date Received  
06/14/2017

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	Toluene	ND		ug/m <sup>3</sup>	6.9	18.19	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 08:17	LDS
156-60-5	trans-1,2-Dichloroethylene	7.9		ug/m <sup>3</sup>	7.2	18.19	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 08:17	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	8.3	18.19	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 08:17	LDS
79-01-6	Trichloroethylene	810		ug/m <sup>3</sup>	2.4	18.19	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 08:17	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m <sup>3</sup>	10	18.19	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 08:17	LDS
108-05-4	Vinyl acetate	ND		ug/m <sup>3</sup>	6.4	18.19	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 08:17	LDS
593-60-2	Vinyl bromide	ND		ug/m <sup>3</sup>	8.0	18.19	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 08:17	LDS
75-01-4	Vinyl Chloride	ND		ug/m <sup>3</sup>	4.6	18.19	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 08:17	LDS
Surrogate Recoveries		Result	Acceptance Range							
460-00-4	Surrogate: p-Bromofluorobenzene	99.6 %	72-118							

## Sample Information

**Client Sample ID:** 9233-Mid

**York Sample ID:** 17F0521-06

York Project (SDG) No.  
17F0521

Client Project ID  
9233-KGNY

Matrix  
Vapor Extraction

Collection Date/Time  
June 13, 2017 3:00 pm

Date Received  
06/14/2017

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m <sup>3</sup>	14	20.16	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 09:18	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m <sup>3</sup>	11	20.16	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 09:18	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m <sup>3</sup>	14	20.16	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 09:18	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m <sup>3</sup>	15	20.16	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 09:18	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m <sup>3</sup>	11	20.16	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 09:18	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m <sup>3</sup>	8.2	20.16	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 09:18	LDS





## Sample Information

**Client Sample ID:** 9233-Mid

**York Sample ID:** 17F0521-06

York Project (SDG) No.  
17F0521

Client Project ID  
9233-KGNY

Matrix  
Vapor Extraction

Collection Date/Time  
June 13, 2017 3:00 pm

Date Received  
06/14/2017

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/m <sup>3</sup>	8.0	20.16	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 09:18	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m <sup>3</sup>	15	20.16	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 09:18	LDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m <sup>3</sup>	9.9	20.16	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 09:18	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m <sup>3</sup>	15	20.16	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 09:18	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m <sup>3</sup>	12	20.16	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 09:18	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m <sup>3</sup>	8.2	20.16	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 09:18	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m <sup>3</sup>	9.3	20.16	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 09:18	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m <sup>3</sup>	14	20.16	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 09:18	LDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m <sup>3</sup>	9.9	20.16	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 09:18	LDS
106-99-0	1,3-Butadiene	ND		ug/m <sup>3</sup>	13	20.16	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 09:18	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m <sup>3</sup>	12	20.16	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 09:18	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m <sup>3</sup>	9.3	20.16	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 09:18	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m <sup>3</sup>	12	20.16	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 09:18	LDS
123-91-1	1,4-Dioxane	ND		ug/m <sup>3</sup>	15	20.16	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 09:18	LDS
78-93-3	<b>2-Butanone</b>	<b>47</b>		ug/m <sup>3</sup>	5.9	20.16	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 09:18	LDS
591-78-6	* 2-Hexanone	ND		ug/m <sup>3</sup>	17	20.16	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 09:18	LDS
107-05-1	3-Chloropropene	ND		ug/m <sup>3</sup>	32	20.16	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 09:18	LDS
108-10-1	4-Methyl-2-pentanone	ND		ug/m <sup>3</sup>	8.3	20.16	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 09:18	LDS
67-64-1	<b>Acetone</b>	<b>23</b>		ug/m <sup>3</sup>	9.6	20.16	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 09:18	LDS
107-13-1	Acrylonitrile	ND		ug/m <sup>3</sup>	4.4	20.16	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 09:18	LDS
71-43-2	Benzene	ND		ug/m <sup>3</sup>	6.4	20.16	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 09:18	LDS
100-44-7	Benzyl chloride	ND		ug/m <sup>3</sup>	10	20.16	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 09:18	LDS



## Sample Information

**Client Sample ID:** 9233-Mid

**York Sample ID:** 17F0521-06

York Project (SDG) No.  
17F0521

Client Project ID  
9233-KGNY

Matrix  
Vapor Extraction

Collection Date/Time  
June 13, 2017 3:00 pm

Date Received  
06/14/2017

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		ug/m <sup>3</sup>	14	20.16	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 09:18	LDS
75-25-2	Bromoform	ND		ug/m <sup>3</sup>	21	20.16	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 09:18	LDS
74-83-9	Bromomethane	ND		ug/m <sup>3</sup>	7.8	20.16	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 09:18	LDS
75-15-0	Carbon disulfide	ND		ug/m <sup>3</sup>	6.3	20.16	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 09:18	LDS
56-23-5	Carbon tetrachloride	ND		ug/m <sup>3</sup>	3.2	20.16	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 09:18	LDS
108-90-7	Chlorobenzene	ND		ug/m <sup>3</sup>	9.3	20.16	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 09:18	LDS
75-00-3	Chloroethane	ND		ug/m <sup>3</sup>	5.3	20.16	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 09:18	LDS
67-66-3	Chloroform	ND		ug/m <sup>3</sup>	9.8	20.16	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 09:18	LDS
74-87-3	Chloromethane	ND		ug/m <sup>3</sup>	4.2	20.16	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 09:18	LDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m <sup>3</sup>	8.0	20.16	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 09:18	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	9.1	20.16	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 09:18	LDS
110-82-7	Cyclohexane	ND		ug/m <sup>3</sup>	6.9	20.16	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 09:18	LDS
124-48-1	Dibromochloromethane	ND		ug/m <sup>3</sup>	17	20.16	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 09:18	LDS
75-71-8	Dichlorodifluoromethane	ND		ug/m <sup>3</sup>	10	20.16	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 09:18	LDS
141-78-6	* Ethyl acetate	ND		ug/m <sup>3</sup>	15	20.16	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 09:18	LDS
100-41-4	Ethyl Benzene	ND		ug/m <sup>3</sup>	8.8	20.16	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 09:18	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m <sup>3</sup>	22	20.16	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 09:18	LDS
67-63-0	Isopropanol	ND		ug/m <sup>3</sup>	9.9	20.16	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 09:18	LDS
80-62-6	Methyl Methacrylate	ND		ug/m <sup>3</sup>	8.3	20.16	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 09:18	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m <sup>3</sup>	7.3	20.16	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 09:18	LDS
75-09-2	Methylene chloride	ND		ug/m <sup>3</sup>	14	20.16	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 09:18	LDS



## Sample Information

**Client Sample ID:** 9233-Mid

**York Sample ID:** 17F0521-06

York Project (SDG) No.  
17F0521

Client Project ID  
9233-KGNY

Matrix  
Vapor Extraction

Collection Date/Time  
June 13, 2017 3:00 pm

Date Received  
06/14/2017

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
142-82-5	n-Heptane	ND		ug/m <sup>3</sup>	8.3	20.16	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 09:18	LDS
110-54-3	n-Hexane	ND		ug/m <sup>3</sup>	7.1	20.16	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 09:18	LDS
95-47-6	o-Xylene	ND		ug/m <sup>3</sup>	8.8	20.16	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 09:18	LDS
179601-23-1	p- & m- Xylenes	ND		ug/m <sup>3</sup>	18	20.16	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 09:18	LDS
622-96-8	* p-Ethyltoluene	ND		ug/m <sup>3</sup>	9.9	20.16	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 09:18	LDS
115-07-1	* Propylene	10		ug/m <sup>3</sup>	3.5	20.16	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 09:18	LDS
100-42-5	Styrene	ND		ug/m <sup>3</sup>	8.6	20.16	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 09:18	LDS
127-18-4	Tetrachloroethylene	70		ug/m <sup>3</sup>	3.4	20.16	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 09:18	LDS
109-99-9	* Tetrahydrofuran	42		ug/m <sup>3</sup>	12	20.16	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 09:18	LDS
108-88-3	Toluene	ND		ug/m <sup>3</sup>	7.6	20.16	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 09:18	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m <sup>3</sup>	8.0	20.16	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 09:18	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	9.1	20.16	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 09:18	LDS
79-01-6	Trichloroethylene	5.4		ug/m <sup>3</sup>	2.7	20.16	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 09:18	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m <sup>3</sup>	11	20.16	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 09:18	LDS
108-05-4	Vinyl acetate	ND		ug/m <sup>3</sup>	7.1	20.16	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 09:18	LDS
593-60-2	Vinyl bromide	ND		ug/m <sup>3</sup>	8.8	20.16	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 09:18	LDS
75-01-4	Vinyl Chloride	ND		ug/m <sup>3</sup>	5.2	20.16	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 09:18	LDS
Surrogate Recoveries		Result	Acceptance Range							
460-00-4	Surrogate: p-Bromofluorobenzene	94.2 %	72-118							



## Sample Information

**Client Sample ID:** 9233-Eff

**York Sample ID:** 17F0521-07

York Project (SDG) No.  
17F0521

Client Project ID  
9233-KGNY

Matrix  
Vapor Extraction

Collection Date/Time  
June 13, 2017 3:00 pm

Date Received  
06/14/2017

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m <sup>3</sup>	14	20.16	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 10:20	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m <sup>3</sup>	11	20.16	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 10:20	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m <sup>3</sup>	14	20.16	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 10:20	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m <sup>3</sup>	15	20.16	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 10:20	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m <sup>3</sup>	11	20.16	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 10:20	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m <sup>3</sup>	8.2	20.16	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 10:20	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m <sup>3</sup>	8.0	20.16	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 10:20	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m <sup>3</sup>	15	20.16	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 10:20	LDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m <sup>3</sup>	9.9	20.16	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 10:20	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m <sup>3</sup>	15	20.16	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 10:20	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m <sup>3</sup>	12	20.16	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 10:20	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m <sup>3</sup>	8.2	20.16	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 10:20	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m <sup>3</sup>	9.3	20.16	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 10:20	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m <sup>3</sup>	14	20.16	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 10:20	LDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m <sup>3</sup>	9.9	20.16	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 10:20	LDS
106-99-0	1,3-Butadiene	ND		ug/m <sup>3</sup>	13	20.16	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 10:20	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m <sup>3</sup>	12	20.16	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 10:20	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m <sup>3</sup>	9.3	20.16	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 10:20	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m <sup>3</sup>	12	20.16	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 10:20	LDS
123-91-1	1,4-Dioxane	ND		ug/m <sup>3</sup>	15	20.16	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 10:20	LDS
78-93-3	2-Butanone	ND		ug/m <sup>3</sup>	5.9	20.16	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 10:20	LDS



## Sample Information

**Client Sample ID:** 9233-Eff

**York Sample ID:** 17F0521-07

York Project (SDG) No.  
17F0521

Client Project ID  
9233-KGNY

Matrix  
Vapor Extraction

Collection Date/Time  
June 13, 2017 3:00 pm

Date Received  
06/14/2017

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND		ug/m <sup>3</sup>	17	20.16	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 10:20	LDS
107-05-1	3-Chloropropene	ND		ug/m <sup>3</sup>	32	20.16	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 10:20	LDS
108-10-1	4-Methyl-2-pentanone	ND		ug/m <sup>3</sup>	8.3	20.16	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 10:20	LDS
67-64-1	Acetone	ND		ug/m <sup>3</sup>	9.6	20.16	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 10:20	LDS
107-13-1	Acrylonitrile	ND		ug/m <sup>3</sup>	4.4	20.16	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 10:20	LDS
71-43-2	Benzene	ND		ug/m <sup>3</sup>	6.4	20.16	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 10:20	LDS
100-44-7	Benzyl chloride	ND		ug/m <sup>3</sup>	10	20.16	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 10:20	LDS
75-27-4	Bromodichloromethane	ND		ug/m <sup>3</sup>	14	20.16	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 10:20	LDS
75-25-2	Bromoform	ND		ug/m <sup>3</sup>	21	20.16	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 10:20	LDS
74-83-9	Bromomethane	ND		ug/m <sup>3</sup>	7.8	20.16	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 10:20	LDS
75-15-0	Carbon disulfide	ND		ug/m <sup>3</sup>	6.3	20.16	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 10:20	LDS
56-23-5	Carbon tetrachloride	ND		ug/m <sup>3</sup>	3.2	20.16	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 10:20	LDS
108-90-7	Chlorobenzene	ND		ug/m <sup>3</sup>	9.3	20.16	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 10:20	LDS
75-00-3	Chloroethane	ND		ug/m <sup>3</sup>	5.3	20.16	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 10:20	LDS
67-66-3	Chloroform	ND		ug/m <sup>3</sup>	9.8	20.16	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 10:20	LDS
74-87-3	Chloromethane	ND		ug/m <sup>3</sup>	4.2	20.16	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 10:20	LDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m <sup>3</sup>	8.0	20.16	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 10:20	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	9.1	20.16	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 10:20	LDS
110-82-7	Cyclohexane	ND		ug/m <sup>3</sup>	6.9	20.16	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 10:20	LDS
124-48-1	Dibromochloromethane	ND		ug/m <sup>3</sup>	17	20.16	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 10:20	LDS
75-71-8	Dichlorodifluoromethane	ND		ug/m <sup>3</sup>	10	20.16	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 10:20	LDS



## Sample Information

**Client Sample ID:** 9233-Eff

**York Sample ID:** 17F0521-07

York Project (SDG) No.  
17F0521

Client Project ID  
9233-KGNY

Matrix  
Vapor Extraction

Collection Date/Time  
June 13, 2017 3:00 pm

Date Received  
06/14/2017

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
141-78-6	* Ethyl acetate	ND		ug/m <sup>3</sup>	15	20.16	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 10:20	LDS
100-41-4	Ethyl Benzene	ND		ug/m <sup>3</sup>	8.8	20.16	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 10:20	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m <sup>3</sup>	22	20.16	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 10:20	LDS
67-63-0	Isopropanol	ND		ug/m <sup>3</sup>	9.9	20.16	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 10:20	LDS
80-62-6	Methyl Methacrylate	ND		ug/m <sup>3</sup>	8.3	20.16	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 10:20	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m <sup>3</sup>	7.3	20.16	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 10:20	LDS
75-09-2	Methylene chloride	ND		ug/m <sup>3</sup>	14	20.16	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 10:20	LDS
142-82-5	n-Heptane	ND		ug/m <sup>3</sup>	8.3	20.16	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 10:20	LDS
110-54-3	n-Hexane	ND		ug/m <sup>3</sup>	7.1	20.16	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 10:20	LDS
95-47-6	o-Xylene	ND		ug/m <sup>3</sup>	8.8	20.16	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 10:20	LDS
179601-23-1	p- & m- Xylenes	ND		ug/m <sup>3</sup>	18	20.16	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 10:20	LDS
622-96-8	* p-Ethyltoluene	ND		ug/m <sup>3</sup>	9.9	20.16	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 10:20	LDS
115-07-1	* Propylene	6.2		ug/m <sup>3</sup>	3.5	20.16	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 10:20	LDS
100-42-5	Styrene	ND		ug/m <sup>3</sup>	8.6	20.16	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 10:20	LDS
127-18-4	Tetrachloroethylene	23		ug/m <sup>3</sup>	3.4	20.16	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 10:20	LDS
109-99-9	* Tetrahydrofuran	ND		ug/m <sup>3</sup>	12	20.16	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 10:20	LDS
108-88-3	Toluene	ND		ug/m <sup>3</sup>	7.6	20.16	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 10:20	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m <sup>3</sup>	8.0	20.16	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 10:20	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	9.1	20.16	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 10:20	LDS
79-01-6	Trichloroethylene	ND		ug/m <sup>3</sup>	2.7	20.16	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 10:20	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m <sup>3</sup>	11	20.16	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 10:20	LDS
108-05-4	Vinyl acetate	ND		ug/m <sup>3</sup>	7.1	20.16	EPA TO-15 Certifications:	06/14/2017 17:00	06/15/2017 10:20	LDS





## Sample Information

**Client Sample ID:** 9233-Eff

**York Sample ID:** 17F0521-07

York Project (SDG) No.  
17F0521

Client Project ID  
9233-KGNY

Matrix  
Vapor Extraction

Collection Date/Time  
June 13, 2017 3:00 pm

Date Received  
06/14/2017

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
593-60-2	Vinyl bromide	ND		ug/m <sup>3</sup>	8.8	20.16	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 10:20	LDS
75-01-4	Vinyl Chloride	ND		ug/m <sup>3</sup>	5.2	20.16	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	06/14/2017 17:00	06/15/2017 10:20	LDS
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>							
460-00-4	Surrogate: <i>p</i> -Bromofluorobenzene	92.7 %	72-118							





## Notes and Definitions

E The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.

\* 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.

# Field Chain-of-Custody Record - AIR

Page 17 of 17  
York Project No. 17F0521

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.  
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

<b>YOUR Information</b> Company: <u>Advanced Cleanup Tech</u> Address: <u>110 Main St</u> <u>Port Washington, NY</u> Phone No. <u>516-441-5800</u> Contact Person: <u>Tim Yang</u> E-Mail Address: <u>tim@act-enrth.com</u>		<b>Report To:</b> Company: <u>ACT</u> Address: <u>"</u> Phone No. <u>"</u> Attention: <u>Paul Stewart</u> E-Mail Address: <u>Paul@act-enrth.com</u>		<b>Invoice To:</b> Company: <u>ACT</u> Address: <u>"</u> Phone No. <u>"</u> Attention: <u>Karen Friedman</u> E-Mail Address: <u>Karen@act-enrth.com</u>		<b>YOUR Project ID</b> <u>9233-KGNY</u> <b>Purchase Order No.</b> Samples from: CT <u>"</u> NY <u>"</u> NJ <u>"</u>		<b>Turn-Around Time</b> RUSH - Same Day <input type="checkbox"/> RUSH - Next Day <input type="checkbox"/> RUSH - Two Day <input type="checkbox"/> RUSH - Three Day <input checked="" type="checkbox"/> RUSH - Four Day <input type="checkbox"/> <b>Standard (5-7 Days)</b> <input type="checkbox"/>		<b>Report Type/Deliverables</b> Summary Report <input type="checkbox"/> Summary w/ QA Summary <input type="checkbox"/> CT RCP Package <input type="checkbox"/> NY ASP A Package <input type="checkbox"/> NY ASP B/CLP Pkg <input type="checkbox"/> NJDEP Reduced <input type="checkbox"/> <b>Electronic Deliverables:</b> EDD (Specify Type) <input type="checkbox"/> Standard Excel <input type="checkbox"/> Regulatory Comparison Excel <input type="checkbox"/>	
---	--	--	--	--	--	--	--	---	--	--	--

Additional Notes:

**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.**

**Air Matrix Codes**  
 AI - INDOOR Ambient Air  
 AO - OUTDOOR Amb. Air  
 AE - Vapor Extraction Well/  
 Process Gas/Effluent  
 AS - SOIL Vapor/Sub-Slab

Samples Collected/Authorized By (Signature)  
Tim Yang  
 Name (printed)

**Please enter the following Field Data**

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
IA-1	6/13/17	AI	-27	-8	18317	Y30	TD-15	6 Liter canister <input checked="" type="checkbox"/> Tedlar Bag
IA-2	"	"	-29	-15	24109	5417	"	6 Liter canister <input checked="" type="checkbox"/> Tedlar Bag
IA-3	"	"	-29	-4	18298	5416	"	6 Liter canister <input checked="" type="checkbox"/> Tedlar Bag
IA-4	"	"	-29	-10	18316	5613	"	6 Liter canister <input checked="" type="checkbox"/> Tedlar Bag
9233- INF	"	AE	-30	-4	18302	X	"	6 Liter canister <input checked="" type="checkbox"/> Tedlar Bag
9233- MIP	"	"	-30	-4	22079	X	"	6 Liter canister <input checked="" type="checkbox"/> Tedlar Bag
9233- EFF	"	"	-30	-4	15522	X	"	6 Liter canister <input checked="" type="checkbox"/> Tedlar Bag
								6 Liter canister <input type="checkbox"/> Tedlar Bag
								6 Liter canister <input type="checkbox"/> Tedlar Bag
								6 Liter canister <input type="checkbox"/> Tedlar Bag
								6 Liter canister <input type="checkbox"/> Tedlar Bag
								6 Liter canister <input type="checkbox"/> Tedlar Bag
								6 Liter canister <input type="checkbox"/> Tedlar Bag

Comments

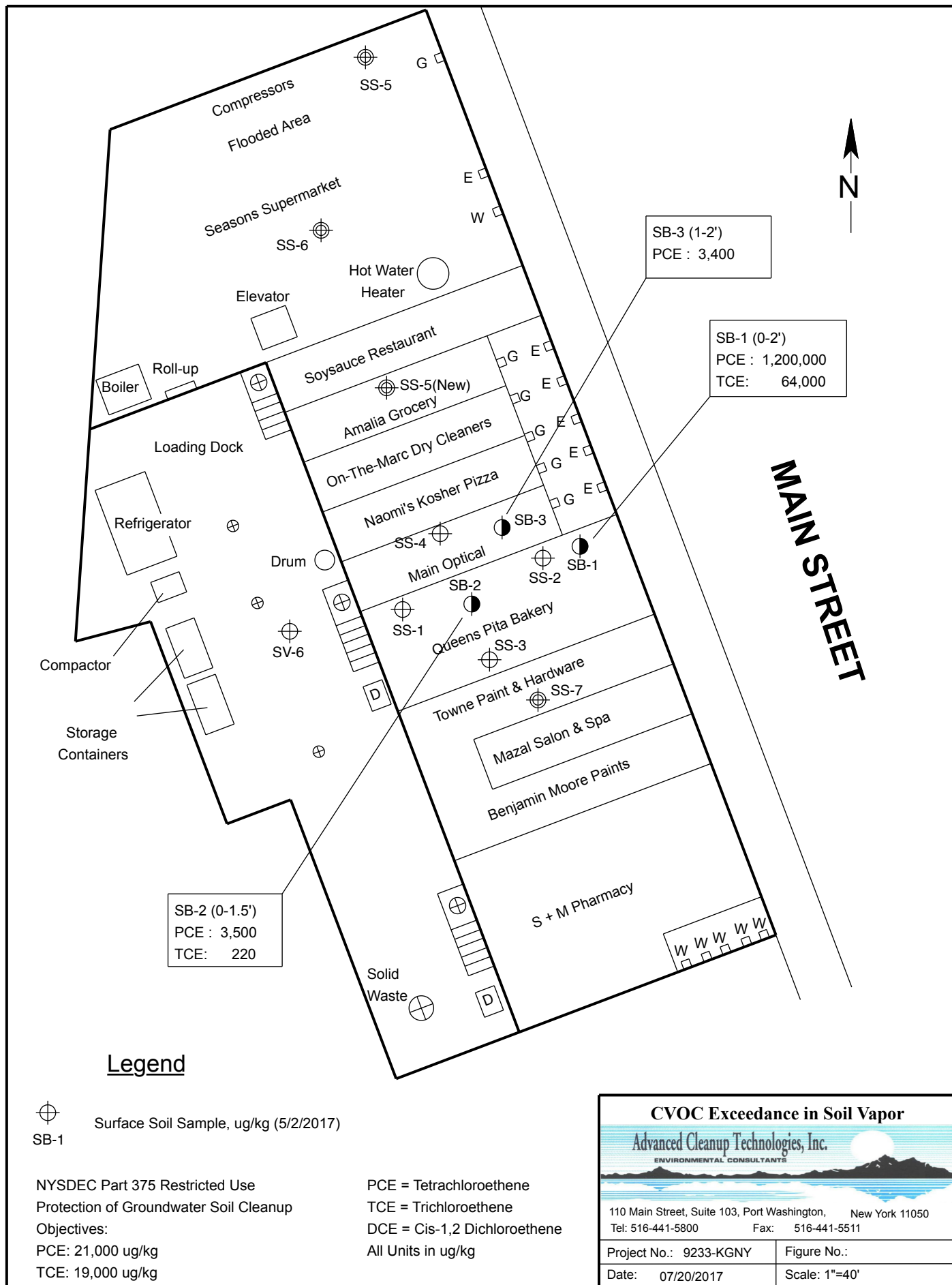
Flow regulators removed for these sample + returned w/ canisters

Samples Relinquished By James Date/Time 6/14/17 4pm  
 Samples Relinquished By Karen Date/Time 6/14/17 4pm

Samples Received By Karen Date/Time 6/14/17 11:00am  
 Samples Received in LAB by Tim Yang Date/Time 6/14/17 1600

## APPENDIX G

### Soil Site Sampling Drawing





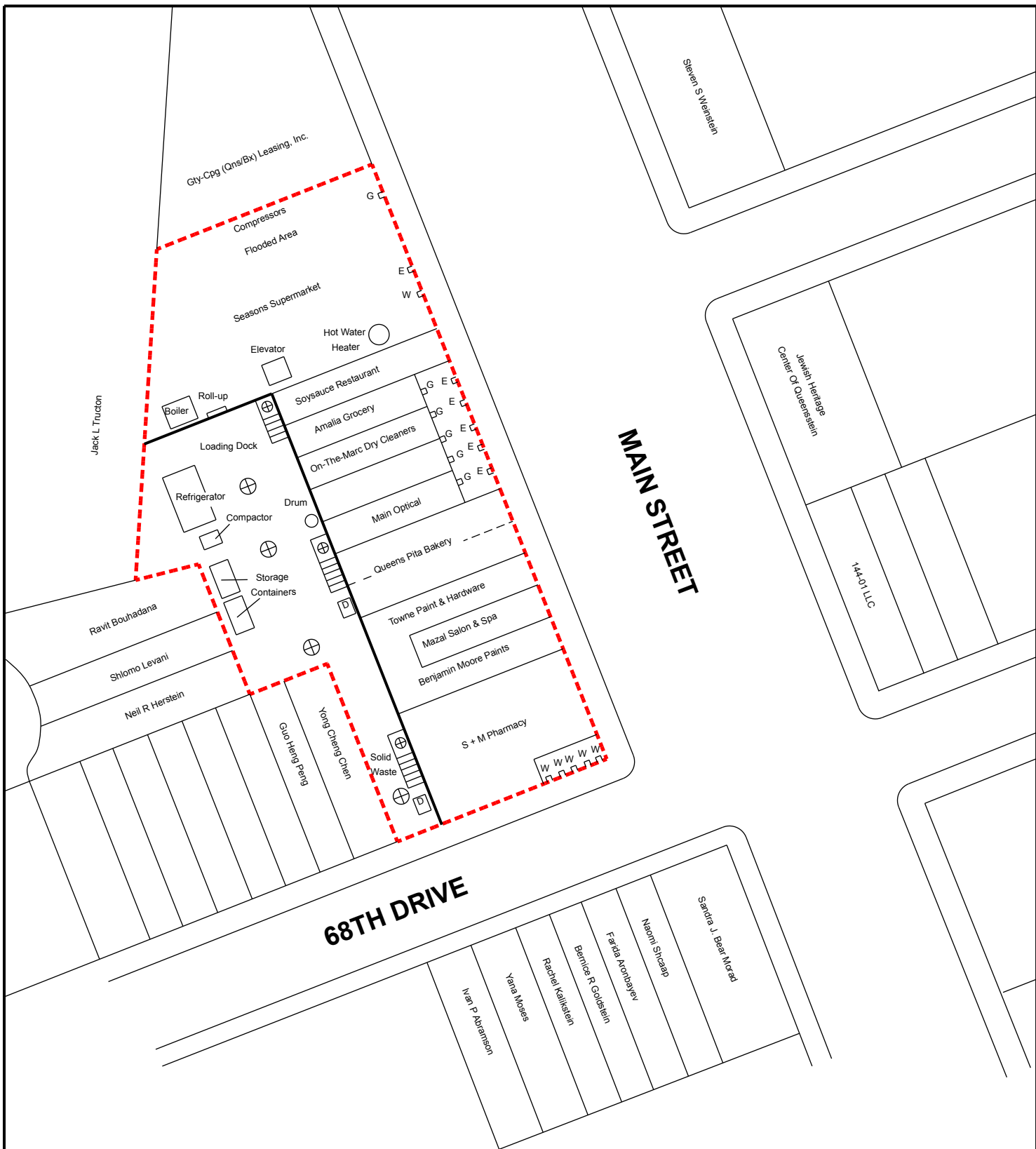
## APPENDIX H

### Soil Gas Site Sampling Drawing



## APPENDIX I


### Property Base Map



## Legend

- - - - - Bronfield Property Boundary
- ⊕ Storm Drain



<b>Base Map</b>  <b>Advanced Cleanup Technologies, Inc.</b> <small>ENVIRONMENTAL CONSULTANTS</small>	
110 Main Street, Suite 103, Port Washington, New York 11050 Tel: 516-441-5800 Fax: 516-441-5511	
Project No.: 9233-KGNY Date: 07/20/2017	Figure No.: 2 Scale: 1"=66.7'

## APPENDIX J

### City Tax Map

[Digital Tax Map - New York City Dept. of Finance \(6/8/2017\)](#)

- |   |   |
|---|---|
| Borough Boundary                            | <b>C50</b> Condo Flag/Condo Number            |
| Tax Block Boundary                          | <b>A50</b> Air Right Flag/Lot Number          |
| <b>50</b> Tax Block Number                  | <b>S50</b> Subterranean Right Flag/Lot Number |
| Tax Lot Boundary                            | <b>R</b> REUC Flag                            |
| <b>50</b> Tax Lot Number                    | Under Water Tax Lot Boundary                  |
| Condo FKA Tax Lot Number                    | Other Boundary                                |
| <b>50.5</b> Tax Lot Dimension               | Possession Hook                               |
| <b>+/-5.5</b> Approximate Tax Lot Dimension | <b>Misc</b> Miscellaneous Text                |
| Condo Units Range Label                     | Small Tax Lot Dimension                       |
| Building Footprint                          | Surface Water                                 |



QUEENS Block: 6486 Lot: 39

- Additional Tax Lot Information

Tax Lot

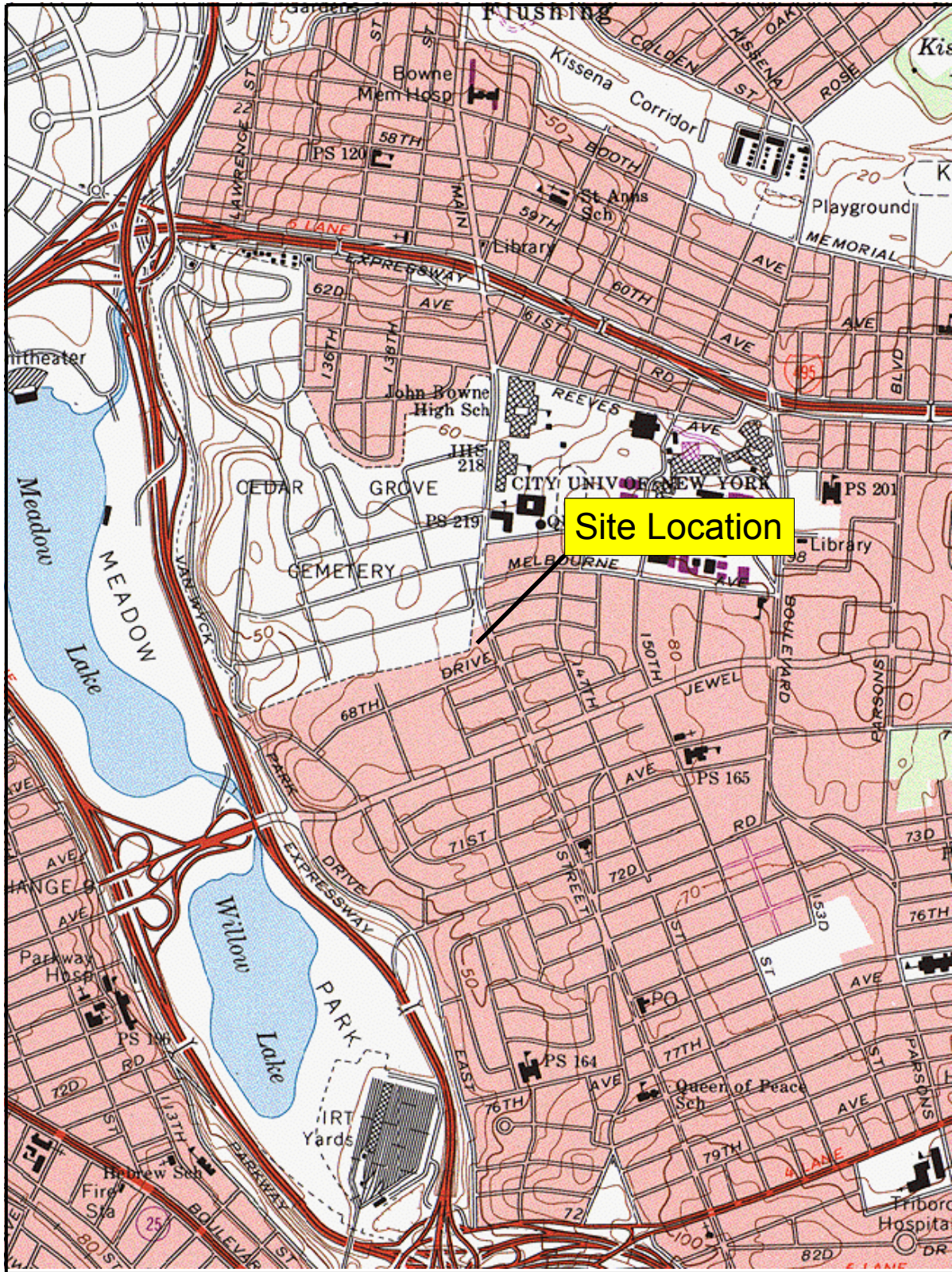
ACRIS	Effective Tax Year
<a href="#">View</a>	N/A

**QUEENS Block: 6486 Lot: 39****- Building & Property Information****Borough:** QUEENS **Block:** 6486 **Lot:** 39**Police Precinct:** 107**Owner:** MAIN PROPERTIES AM, L**Address:** 68-16 MAIN STREET 11367**Lot Area:** 42250 sf**Lot Frontage:** 315.42' **Lot Depth:** 111**Year Built:** 1950 N/A**Number of Buildings:** 1**Number of Floors:** 1**Gross Floor Area:** 25,518 sf (estimated)**Residential Units:** 0 **Total # of Units:** 15**Land Use:** Commercial and Office Buildings**Zoning:** R4B R4**Commercial Overlay:** C1-2**Zoning Map #:** 14ADept. of City Planning, PLUTO 16v2 © 2016 and other city agency sources**Links to More Information**[Address Translator](#)[Building Profile](#)[Building Registration/Violation](#)[DCP Zoning Map 14A](#)[DOF Digital Tax Map](#)[DOHMH Rat Information Portal](#)[Tax and Property Records](#)

## APPENDIX K

### USGS 7.5 Minute Quad Map





From USGS 7.5 Minute Topographic Map of  
Jamaica, NY Quadrangle



## Locational Diagram

Advanced Cleanup Technologies, Inc.  
ENVIRONMENTAL CONSULTANTS

110 Main Street, Suite 103, Port Washington, New York 11050  
Tel: 516-441-5800 Fax: 516-441-5511

Project No.: 9233-KGNY

Figure No.: 1

Date: 01/30/2017

Scale: Not To Scale

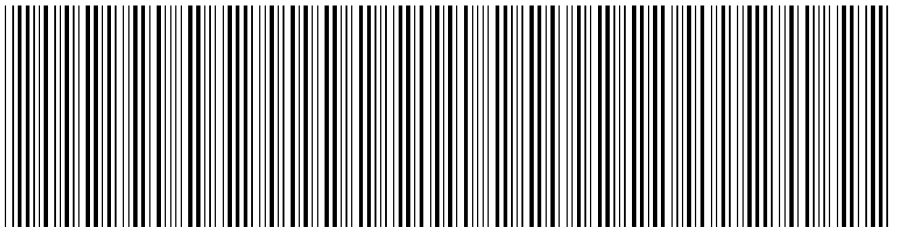
## APPENDIX L

Deed Cover Page and LLC Printouts



**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.



2015071400795001003E1C57

**RECORDING AND ENDORSEMENT COVER PAGE**

**PAGE 1 OF 5**

**Document ID: 2015071400795001**

Document Date: 06-18-2015

Preparation Date: 09-11-2015

Document Type: DEED

Document Page Count: 3

**PRESENTER:**

MADISON AVENUE ABSTRACTS, INC. M5647  
1111 ROUTE 110. SUITE 202  
FARMINGDALE, NY 11735  
631-328-5000  
PAULA@MADISONAVEABS.COM

**RETURN TO:**

LOUIS MACCHIARULO, ESQ.  
40-06 WARREN STREET  
ELMHURST, NY 11373

Borough	Block	Lot	Unit	Address
QUEENS	6486	39	Entire Lot	68-20 MAIN STREET
<b>Property Type:</b> COMMERCIAL REAL ESTATE				

**CROSS REFERENCE DATA**

CRFN \_\_\_\_\_ or DocumentID \_\_\_\_\_ or \_\_\_\_\_ Year \_\_\_\_\_ Reel \_\_\_\_\_ Page \_\_\_\_\_ or File Number \_\_\_\_\_

**PARTIES**

**GRANTOR/SELLER:**

MAIN FIVE CO.  
47 HILLSIDE AVENUE  
MNHASSET, NY 11030

**GRANTEE/BUYER:**

MAIN PROPERTIES JM, LLC  
47 HILLSIDE AVENUE  
MANHASSET, NY 11030

☒ Additional Parties Listed on Continuation Page

**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: \$ 52.00

Affidavit Fee: \$ 0.00

Filing Fee:

\$ 250.00

NYC Real Property Transfer Tax:

\$ 0.00

NYS Real Estate Transfer Tax:

\$ 0.00

**RECORDED OR FILED IN THE OFFICE  
OF THE CITY REGISTER OF THE**

**CITY OF NEW YORK**

Recorded/Filed 09-16-2015 17:33

City Register File No.(CRFN):

2015000328308

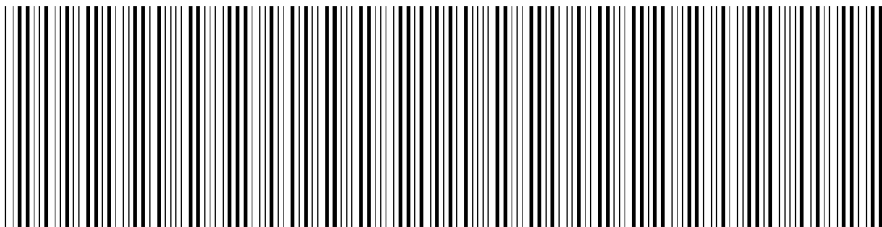


*Annette McMill*

**City Register Official Signature**



**NYC DEPARTMENT OF FINANCE  
OFFICE OF THE CITY REGISTER**



2015071400795001003C1ED7

**RECORDING AND ENDORSEMENT COVER PAGE (CONTINUATION)**

**PAGE 2 OF 5**

**Document ID: 2015071400795001**

Document Date: 06-18-2015

Preparation Date: 09-11-2015

Document Type: DEED

**PARTIES**

**GRANTEE/BUYER:**

MAIN PROPERTIES DM, LLC  
47 HILLSIDE AVENUE  
MANHASSET, NY 11030

**GRANTEE/BUYER:**

MAIN PROPERTIES AM, LLC  
47 HILLSIDE AVENUE  
MANHASSET, NY 11030

# NYS Department of State

## Division of Corporations

### Entity Information

The information contained in this database is current through June 6, 2017.

---

Selected Entity Name: MAIN PROPERTIES JM, LLC

Selected Entity Status Information

**Current Entity Name:** MAIN PROPERTIES JM, LLC

**DOS ID #:** 4688584

**Initial DOS Filing Date:** JANUARY 05, 2015

**County:** NASSAU

**Jurisdiction:** NEW YORK

**Entity Type:** DOMESTIC LIMITED LIABILITY COMPANY

**Current Entity Status:** ACTIVE

Selected Entity Address Information

**DOS Process (Address to which DOS will mail process if accepted on behalf of the entity)**

C/O LEWIS & MURPHY REALTY INC

47 HILLSIDE AVE

MANHASSET, NEW YORK, 11030

**Registered Agent**

NONE

This office does not require or maintain information regarding the names and addresses of members or managers of nonprofessional limited liability companies. Professional limited liability companies must include the name(s) and address(es) of the original members, however this information is not recorded and only available by [viewing the certificate](#).

**\*Stock Information**

**# of Shares**

**Type of Stock**

**\$ Value per Share**

## No Information Available

\*Stock information is applicable to domestic business corporations.

**Name History**

<b>Filing Date</b>	<b>Name Type</b>	<b>Entity Name</b>
JAN 05, 2015	Actual	MAIN PROPERTIES JM, LLC

A **Fictitious** name must be used when the **Actual** name of a foreign entity is unavailable for use in New York State. The entity must use the fictitious name when conducting its activities or business in New York State.

NOTE: New York State does not issue organizational identification numbers.

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# NYS Department of State

## Division of Corporations

### Entity Information

The information contained in this database is current through June 6, 2017.

---

Selected Entity Name: MAIN PROPERTIES DM, LLC

Selected Entity Status Information

**Current Entity Name:** MAIN PROPERTIES DM, LLC

**DOS ID #:** 4688565

**Initial DOS Filing Date:** JANUARY 05, 2015

**County:** NASSAU

**Jurisdiction:** NEW YORK

**Entity Type:** DOMESTIC LIMITED LIABILITY COMPANY

**Current Entity Status:** ACTIVE

Selected Entity Address Information

**DOS Process (Address to which DOS will mail process if accepted on behalf of the entity)**

C/O LEWIS & MURPHY REALTY INC

47 HILLSIDE AVE

MANHASSET, NEW YORK, 11030

**Registered Agent**

NONE

This office does not require or maintain information regarding the names and addresses of members or managers of nonprofessional limited liability companies. Professional limited liability companies must include the name(s) and address(es) of the original members, however this information is not recorded and only available by [viewing the certificate](#).

**\*Stock Information**

**# of Shares**

**Type of Stock**

**\$ Value per Share**

## No Information Available

\*Stock information is applicable to domestic business corporations.

**Name History**

<b>Filing Date</b>	<b>Name Type</b>	<b>Entity Name</b>
JAN 05, 2015	Actual	MAIN PROPERTIES DM, LLC

A **Fictitious** name must be used when the **Actual** name of a foreign entity is unavailable for use in New York State. The entity must use the fictitious name when conducting its activities or business in New York State.

NOTE: New York State does not issue organizational identification numbers.

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# NYS Department of State

## Division of Corporations

### Entity Information

The information contained in this database is current through June 6, 2017.

---

Selected Entity Name: MAIN PROPERTIES AM, LLC

Selected Entity Status Information

**Current Entity Name:** MAIN PROPERTIES AM, LLC

**DOS ID #:** 4688344

**Initial DOS Filing Date:** JANUARY 05, 2015

**County:** NASSAU

**Jurisdiction:** NEW YORK

**Entity Type:** DOMESTIC LIMITED LIABILITY COMPANY

**Current Entity Status:** ACTIVE

Selected Entity Address Information

**DOS Process (Address to which DOS will mail process if accepted on behalf of the entity)**

C/O LEWIS & MURPHY REALTY INC

47 HILLSIDE AVE

MANHASSET, NEW YORK, 11030

**Registered Agent**

NONE

This office does not require or maintain information regarding the names and addresses of members or managers of nonprofessional limited liability companies. Professional limited liability companies must include the name(s) and address(es) of the original members, however this information is not recorded and only available by [viewing the certificate](#).

**\*Stock Information**

**# of Shares**

**Type of Stock**

**\$ Value per Share**



## No Information Available

\*Stock information is applicable to domestic business corporations.

**Name History**

<b>Filing Date</b>	<b>Name Type</b>	<b>Entity Name</b>
JAN 05, 2015	Actual	MAIN PROPERTIES AM, LLC

A **Fictitious** name must be used when the **Actual** name of a foreign entity is unavailable for use in New York State. The entity must use the fictitious name when conducting its activities or business in New York State.

NOTE: New York State does not issue organizational identification numbers.

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## APPENDIX M

### Document Repository Confirmation Letter



Daniel Stewart &lt;daniels@act.earth&gt;

---

## Government documents depository

---

**Liu, Hong** <Hong.Liu@queenslibrary.org>  
To: "Daniels@act.earth" <Daniels@act.earth>  
Cc: "Wetjen, Susan" <Susan.Wetjen@queenslibrary.org>

Thu, May 25, 2017 at 4:05 PM

Mr. Stewart,

Per our phone conversation, you are welcome to deposit the state government documents(Brownfield BCP) you mentioned to the Kew Gardens Hills Library. After Kew Garden Hills receives your documents, the library manager Mrs. Wetjen will send you an email confirmation that we have received your documents.

Thank you for contacting the Queens library.

**Hong Liu**

Departmental Assistant

Community Library Services, Queens Library

[Hong.Liu@queenslibrary.org](mailto:Hong.Liu@queenslibrary.org)

☎ (718)990-0812

---

The information contained in this message may be privileged and confidential and protected from disclosure. If the reader of this message is not the intended recipient, or an employee or agent responsible for delivering this message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by replying to the message and deleting it from your computer.



Daniel Stewart &lt;daniels@act.earth&gt;

---

**Document Repository Confirmation**

9 messages

---

**Daniel Stewart** <daniels@act.earth>  
To: qn08@cb.nyc.gov

Fri, Jul 14, 2017 at 4:11 PM

To whom it may concern:

I am an environmental consultant representing a property within your district, 68-16 through 68-48 Main Street, that is currently undergoing an environmental investigation administered by the DEC as part of its Brownfields Cleanup Program. The site is registered with BCP ID C241205. The DEC would like Community Board 8 to act as a repository for documents related to the investigation. The purpose and function of a document repository is explained in the following excerpt from the DEC's Program Policy [DER-23 "Citizen Participation Plan"](#):

*"The document repository provides the community with convenient access to project information about the site and the investigation and remediation efforts. The document repository also serves as a place for people to review draft project documents that will be subject to public comment, as well as the final versions of these documents.*

*The repository should be located in a publicly accessible building near the site, and should be convenient to the affected/interested community by providing evening and, if possible, weekend hours. This is important so that people who work during the day can access the information."*

Please reply to this email in a timely manner confirming that you would be able to act as a document repository for the site with BCP ID C241205. Please let me know if you have any questions.

Regards,  
Daniel

--  
Daniel Stewart, Environmental Scientist  
Advanced Cleanup Technologies, Inc.  
[www.act.earth](http://www.act.earth)  
110 Main Street, Suite 103  
Port Washington, New York 11050  
Phone: (516) 441-5800 x 109

---

**QN08@cb.nyc.gov (CB)** <QN08@cb.nyc.gov>  
To: Daniel Stewart <daniels@act.earth>  
Cc: Luisa Benedetto <Luisa.Benedetto@queenslibrary.org>

Tue, Jul 18, 2017 at 12:32 PM

Dear Mr. Stewart,

Unfortunately, Community Board 8 cannot accommodate this request. Our office is not open in the evening or on the weekends to make these documents accessible to the public.

I recommend reaching out to the Queens Public Library. Please contact Luisa Benedetto at [718-990-8501](tel:718-990-8501) for assistance. I have included her in this email.

Regards,

Marie Adam-Ovide, District Manager  
NYC - Community Board 8 Queens  
197-15 Hillside Avenue  
Hollis, NY 11423

Tel.: ☎ 718-264-7895

Fax: ☎ 718-264-7910

[www.nyc.gov/queenscb8](http://www.nyc.gov/queenscb8)

*It takes more than City Hall to make New York City great...it takes us all!*

**Confidentiality Notice:** This e-mail communication, and any attachments, contains confidential and privileged information for the exclusive use of the recipient(s) named above. If you are not an intended recipient, or the employee or agent responsible to deliver it to an intended recipient, you are hereby notified that you have received this communication in error and that any review, disclosure, dissemination, distribution or copying of it or its contents is prohibited. If you have received this communication in error, please notify me immediately by replying to this message and delete this communication from your computer. Thank you.

---

**From:** Daniel Stewart [daniels@act.earth]  
**Sent:** Friday, July 14, 2017 4:11 PM  
**To:** [QN08@cb.nyc.gov](mailto:QN08@cb.nyc.gov) (CB)  
**Subject:** Document Repository Confirmation

[Quoted text hidden]

---

**Daniel Stewart** <daniels@act.earth>  
To: "QN08@cb.nyc.gov (CB)" <QN08@cb.nyc.gov>  
Cc: Luisa Benedetto <Luisa.Benedetto@queenslibrary.org>

Tue, Jul 18, 2017 at 1:51 PM

Ms. Adam-Ovide,

Thank you for your assistance. The Queens Public Library is already confirmed as a repository, but the DEC has asked for Community Board 8 as an additional repository. Can you act as a repository within your daytime weekday hours?

Regards,  
Daniel

[Quoted text hidden]

---

**Benedetto, Luisa** <Luisa.Benedetto@queenslibrary.org>  
To: Daniel Stewart <daniels@act.earth>, "QN08@cb.nyc.gov (CB)" <QN08@cb.nyc.gov>

Tue, Jul 18, 2017 at 2:43 PM

Good afternoon:

Marie, thank you for including me in the email.

Daniel, I am just curious: at which Queens Library location will the documents be accessible? Thank you.

Best regards,

Luisa Benedetto

Government Affairs Manager | Queens Library

---

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**From:** Daniel Stewart [mailto:[daniels@act.earth](mailto:daniels@act.earth)]  
**Sent:** Tuesday, July 18, 2017 1:52 PM  
**To:** [QN08@cb.nyc.gov](mailto:QN08@cb.nyc.gov) (CB)  
**Cc:** Benedetto, Luisa  
**Subject:** Re: Document Repository Confirmation

[Quoted text hidden]

---

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---

**Daniel Stewart** <[daniels@act.earth](mailto:daniels@act.earth)>  
To: "Benedetto, Luisa" <[Luisa.Benedetto@queenslibrary.org](mailto:Luisa.Benedetto@queenslibrary.org)>  
Cc: "QN08@cb.nyc.gov (CB)" <[QN08@cb.nyc.gov](mailto:QN08@cb.nyc.gov)>

Tue, Jul 18, 2017 at 2:49 PM

Luisa,

I should have replied-all to the last email. I confirmed with Hong Liu that the Kew Gardens Hills library could be a repository.

Regards,  
Daniel

--  
Daniel Stewart  
[Quoted text hidden]

---

**Benedetto, Luisa** <[Luisa.Benedetto@queenslibrary.org](mailto:Luisa.Benedetto@queenslibrary.org)>  
To: Daniel Stewart <[daniels@act.earth](mailto:daniels@act.earth)>  
Cc: "QN08@cb.nyc.gov (CB)" <[QN08@cb.nyc.gov](mailto:QN08@cb.nyc.gov)>

Tue, Jul 18, 2017 at 2:51 PM

Thank you!

Luisa Benedetto

Government Affairs Manager | Queens Library



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**From:** Daniel Stewart [mailto:[daniels@act.earth](mailto:daniels@act.earth)]  
**Sent:** Tuesday, July 18, 2017 2:50 PM  
**To:** Benedetto, Luisa  
**Cc:** [QN08@cb.nyc.gov](mailto:QN08@cb.nyc.gov) (CB)  
**Subject:** RE: Document Repository Confirmation

[Quoted text hidden]

[Quoted text hidden]

---

**Daniel Stewart** <[daniels@act.earth](mailto:daniels@act.earth)>  
To: "QN08@cb.nyc.gov (CB)" <[QN08@cb.nyc.gov](mailto:QN08@cb.nyc.gov)>

Wed, Jul 19, 2017 at 1:02 PM

Ms. Adam-Ovide,

I will be submitting this information to the DEC on Friday and will need your confirmation by then.

Regards,  
Daniel

[Quoted text hidden]

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**QN08@cb.nyc.gov (CB)** <[QN08@cb.nyc.gov](mailto:QN08@cb.nyc.gov)>  
To: Daniel Stewart <[daniels@act.earth](mailto:daniels@act.earth)>

Wed, Jul 19, 2017 at 4:59 PM

It is confirmed.

Marie Adam-Ovide, District Manager  
NYC - Community Board 8 Queens  
197-15 Hillside Avenue  
Hollis, NY 11423  
Tel.: ☎ 718-264-7895  
Fax: ☎ 718-264-7910  
[www.nyc.gov/queenscb8](http://www.nyc.gov/queenscb8)

*It takes more than City Hall to make New York City great...it takes us all!*

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**From:** Daniel Stewart [daniels@act.earth]  
**Sent:** Wednesday, July 19, 2017 1:02 PM  
**To:** [QN08@cb.nyc.gov](mailto:QN08@cb.nyc.gov) (CB)  
**Subject:** Re: Document Repository Confirmation

[Quoted text hidden]

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**Daniel Stewart** <daniels@act.earth>  
To: "QN08@cb.nyc.gov (CB)" <QN08@cb.nyc.gov>

Wed, Jul 19, 2017 at 6:19 PM

Thank you.

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Daniel Stewart  
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## APPENDIX N

### Proof of Access

**MAIN PROPERTIES DM, LLC  
47 HILLSIDE AVENUE  
MANHASSET, NEW YORK 11030**

**516-627-9600**

**Fax: 516-627-9616**

**March 8, 2017**

Chief  
Site Control Section  
New York State Department  
Of Environmental Conservation  
Division of Environmental Remediation  
625 Broadway  
Albany, NY 12233-7020

**RE: Main Street, Kew Gardens Site  
68-16 to 68-48 Main Street  
Kew Gardens, NY 11367**

**Dear Sir or Madam:**

I am a principal of Main Properties DM, LLC, one of the owners of the site and am authorized to grant access to the site. On behalf of the owners of the site, I specifically authorize Lewis & Murphy Realty, Inc. to have full and complete access to the site to complete investigations and remediation from the current date and throughout the BCP project, including the ability to place an easement on the site.

Please feel free to contact the undersigned should you have any questions or comments concerning the above.

Very truly yours,

  
Diane Macari, President  
Main Properties DM, LLC