NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

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 12***

Section I. Requestor Information - See Instructions for Further Guidance

DEC USE ONLY
BCP SITE #: _____

NAME Hillside 168 Inc.

ADDRESS 148-26 Hillside Avenue

CITY/TOWN Jamaica ZIP CODE 11435

PHONE (917) 922-0098 | FAX | E-MAIL clamrx@gmail.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. **Please note:** If the requestor is an LLC, the members/owners names need to be provided on a separate attachment.

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

   NOTE: If the project is proposed to start at the remediation stage, a Remedial Investigation Report (RIR) at a minimum is required to be attached, resulting in a 30-day public comment period. If an Alternatives Analysis and Remedial Work Plan are also attached (see DER-10 / Technical Guidance for Site Investigation and Remediation for further guidance) then a 45-day public comment period is required.

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

3. 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 that the site requires remediation and 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). **Please submit a separate electronic copy of each report in Portable Document Format (PDF). Please do not submit paper copies of supporting documents.**

2. SAMPLING DATA: INDICATE KNOWN CONTAMINANTS AND THE MEDIA WHICH ARE KNOWN TO HAVE BEEN AFFECTED. DATA SUMMARY TABLES SHOULD BE INCLUDED, WITH LABORATORY REPORTS REFERENCED AND ALSO INCLUDED.

Contaminant Category	Soil	Groundwater	Soil Gas
Petroleum			X
Chlorinated Solvents	X	X	X
Other VOCs			
SVOCs	X	X	
Metals	X		
Pesticides	X		
PCBs		X	
Other*			

***Please describe:** See attached table of Soil, Groundwater and Soil Gas Exceedances

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?* ☑ **Yes** ☐ **No**
(*answering No will result in an incomplete application)

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

☐ Coal Gas Manufacturing	☐ Manufacturing	☐ Agricultural Co-op	☐ Dry Cleaner
☐ Salvage Yard	☐ Bulk Plant	☐ Pipeline	☑ Service Station
☐ Landfill	☐ Tannery	☐ Electroplating	☐ Unknown

Other:_____

Section IV. Property Information - See Instructions for Further Guidance

PROPOSED SITE NAME 148-26 Hillside Avenue

ADDRESS/LOCATION 148-26 Hillside Avenue

CITY/TOWN Jamaica ZIP CODE 11435

MUNICIPALITY(IF MORE THAN ONE, LIST ALL): Queens

COUNTY Queens SITE SIZE (ACRES) 0.44

LATITUDE (degrees/minutes/seconds)	LONGITUDE (degrees/minutes/seconds)
40 ° 42 ‘ 22 “	73 ° 48 ‘ 28 “

Complete tax map information for all tax parcels included within the proposed site boundary. If a portion of any lot is proposed , please indicate as such by inserting “P/O” in front of the lot number in the appropriate box below, and only include the acreage for that portion of the tax parcel in the corresponding far right column.ATTACH REQUIRED MAPS PER THE APPLICATION INSTRUCTIONS.

Parcel Address	Section No.	Block No.	Lot No.	Acreage
148-26 Hillside Avenue		9694	17	0.44

1. Do the proposed site boundaries correspond to tax map metes and bounds? ☑ Yes ☐ No
   If no, please attach an accurate map of the propsed site.

2. Is the required property map attached to the application? ☑ Yes ☐ 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 DEC's website for more information) Yes ☑ No ☐

   If yes, identify census tract : Census Tract 238

   Percentage of property in En-zone (check one): ☐ 0-49% ☐ 50-99% ☑ 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)? ☐ Yes ☑ 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? ☐ Yes ☑ 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? ☐ Yes ☑ No
   If yes, attach relevant supporting documentation.

7. Are there any lands under water? ☐ Yes ☑ 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 <u>each</u> narrative requested.**

Are the Property Description and Environmental Assessment narratives included in the **prescribed format**? ☑ Yes ☐ No

Note: Questions 11 through 13 only pertain to sites located within the five counties comprising New York City

11. Is the requestor seeking a determination that the site is eligible for tangible property tax credits? ☑ Yes ☐ No
If yes, requestor must answer questions on the supplement at the end of this form.

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, <u>except</u> 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: _____ _____ _____ _____ _____ _____

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

Section V. Additional Requestor Information See Instructions for Further Guidance	DEC USE ONLY BCP SITE NAME: _____ BCP SITE #:_____	
NAME OF REQUESTOR'S AUTHORIZED REPRESENTATIVE Chung Lam		
ADDRESS 148-26 Hillside Avenue		
CITY/TOWN Jamaica		ZIP CODE 11435
PHONE (917)922-0098	FAX	E-MAIL clamrx@gmail.com
NAME OF REQUESTOR'S CONSULTANT Paul Stewart, Advanced Cleanup Technologies, Inc.		
ADDRESS 228 Park Ave South PMB 34864		
CITY/TOWN New York		ZIP CODE 10003
PHONE 516-433-5800	FAX	E-MAIL pauls@act.earth
NAME OF REQUESTOR'S ATTORNEY Frederick Eisenbud, Esq.		
ADDRESS Campolo, Middleton & McCormick, LLP 4175 Veterans Memorial Highway		
CITY/TOWN Ronkonkoma		ZIP CODE 11779
PHONE (631) 682-0624	FAX	E-MAIL feisenbud@cmmllp.com
Section VI. Current Property Owner/Operator Information – if not a Requestor		
CURRENT OWNER'S NAME Hillside 168 Inc.		OWNERSHIP START DATE: 10/14/2015
ADDRESS 148-26 Hillside Avenue		
CITY/TOWN Jamaica		ZIP CODE 11435
PHONE (917) 922-0098	FAX	E-MAIL clamrx@gmail.com
CURRENT OPERATOR'S NAME Hillside 168 Inc.		
ADDRESS 148-26 Hillside Avenue		
CITY/TOWN Jamaica		ZIP CODE 11435
PHONE (917) 922-0098	FAX	E-MAIL clamrx@gmail.com

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".

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.

Section VII. Requestor Eligibility Information (Please refer to ECL § 27-1407)

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? ☐ Yes ☑ No
2. Is the requestor subject to an existing order for the investigation, removal or remediation of contamination at the site? ☑ Yes ☐ 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. ☐ Yes ☑ 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_____

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? If yes, please provide: Order #_____ ☐ Yes ☑ No
6. Is the property subject to a state or federal enforcement action related to hazardous waste or petroleum? If yes, please provide explanation as an attachment. ☐ Yes ☑ No

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). **If the site is located in a city with a population of one million or more, add the appropriate community board as an additional document repository**. In addition, attach a copy of an acknowledgement from each repository indicating that it agrees to act as the document repository for the site.

Section X. Land Use Factors

1. What is the current municipal zoning designation for the site? R7A with C2-3 Commercial

   What uses are allowed by the current zoning? (Check boxes, below)

   ☑ 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 hererby 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 *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 President (title) of Hillside 168 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 *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: 9/20/2021 Signature: _____

Print Name: Chung Lam

SUBMITTAL INFORMATION:

- **Two (2)** copies, one paper copy of the application form with original signatures and table of contents, and one complete electronic copy in final, non-fillable 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

PLEASE DO NOT SUBMIT PAPER COPIES OF SUPPORTING DOCUMENTS. Please provide a hard copy of ONLY the application form and a table of contents.

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.

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Property is in Bronx, Kings, New York, Queens, or Richmond counties.	☑ Yes ☐ No
Requestor seeks a determination that the site is eligible for the tangible property credit component of the brownfield redevelopment tax credit.	☑ Yes ☐ No
Please answer questions below and provide documentation necessary to support answers.	
1. Is at least 50% of the site area located within an environmental zone pursuant to NYS Tax Law 21(b)(6)? Please see DEC's website for more information.	☑ Yes ☐ No
2. Is the property upside down or underutilized as defined below?	Upside Down? ☐ Yes ☑ No Underutilized? ☐ Yes ☑ No

From ECL 27-1405(31):

"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.

From 6 NYCRR 375-3.2(l) as of August 12, 2016: (Please note: Eligibility determination for the underutilized category can only be made at the time of application)

375-3.2:

(l) "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

(1) the proposed use is at least 75 percent for industrial uses; or

(2) at which:

(i) the proposed use is at least 75 percent for commercial or commercial and industrial uses;

(ii) the proposed development could not take place without substantial government assistance, as certified by the municipality in which the site is located; and

(iii) one or more of the following conditions exists, as certified by the applicant:

(a) property tax payments have been in arrears for at least five years immediately prior to the application;

(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

(c) there are no structures.

"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.

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: 148-26 Hillside Avenue **Site Address:** 148-26 Hillside Avenue
City: Jamaica **County:** Queens **Zip:** 11435

Tax Block & Lot
Section (if applicable): **Block:** 9694 **Lot:** 17

Requestor Name: Hillside 168 Inc. **Requestor Address:** 148-26 Hillside Avenue
City: Jamaica **Zip:** 11435 **Email:** clamrx@gmail.com

Requestor's Representative (for billing purposes)
Name: Chung Lam **Address:** 148-26 Hillside Avenue
City: Jamaica **Zip:** 11435 **Email:** clamrx@gmail.com

Requestor's Attorney
Name: Frederick Eisenbud, Esq. **Address:** Campolo, Middleton & McCormick, LLP 4175 Veterans Memorial Highway
City: Ronkonkoma **Zip:** 11779 **Email:** feisenbud@cmmllp.com

Requestor's Consultant
Name: Paul Stewart, Advanced Cleanup Technologies, Inc. **Address:** 228 Park Ave South PMB 34864
City: New York **Zip:** 10003 **Email:** pauls@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:

Table 1

Volatile Organic Compounds in Soil (mg/kg)

EPA Method: 8260

148-28 Hillside Avenue, Jamaica, NY 11435

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential	SB-1 (0-2') 15K0797-01 11/18/15 Soil		SB-1(13'-15') 15F1016-01 6/24/15 Soil		SB-3 (0-2') 15K0797-02 11/18/15 Soil		SB-3(13'-15') 15F1016-03 6/24/15 Soil		SB-4(13'-15') 15F1016-04 6/25/15 Soil		SB-5 (0-2') 15K0797-03 11/18/15 Soil		SB-5(13'-15') 15F1016-05 6/24/15 Soil		SB-6 (0-2') 15K0797-04 11/18/15 Soil		SB-6(0-2') 15F1016-06 6/24/15 Soil		SB-9 (0-2') 15K0797-09 11/19/15 Soil		SB-9 (10-12') 15K0797-10 11/19/15 Soil		SB-10 (0-2') 15K0797-11 11/19/15 Soil		SB-10(10-12) 15K0797-12 11/19/15 Soil		SB-1A (4-6') 17B0945-06 2/24/17 Soil		SB-1A(6-8') 17B0945-07 2/24/17 Soil	
Compound	**CAS Number**	mg/Kg	mg/Kg	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, NJDEP/TCL/Part 375 List		mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor				1		1		1		1		1		1		1		1		1		100		1		1		1		1		1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
1,1,1-Trichloroethane	71-55-6	0.68	100	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
1,1,2,2-Tetrachloroethane	79-34-5	~	~	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
1,1,2-Trichloroethane	79-00-5	~	~	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
1,1-Dichloroethane	75-34-3	0.27	19	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
1,1-Dichloroethylene	75-35-4	0.33	100	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
1,2,3-Trichlorobenzene	87-61-6	~	~	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
1,2,3-Trichloropropane	96-18-4	~	~	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
1,2,4-Trichlorobenzene	120-82-1	~	~	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
1,2,4-Trimethylbenzene	95-63-6	3.6	47	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	**0.087**		0.0027	U	0.0026	U	0.0025	U				
1,2-Dibromo-3-chloropropane	96-12-8	~	~	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
1,2-Dibromoethane	106-93-4	~	~	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
1,2-Dichlorobenzene	95-50-1	1.1	100	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	**0.036**	B	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
1,2-Dichloroethane	107-06-2	0.02	2.3	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
1,2-Dichloropropane	78-87-5	~	~	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
1,3,5-Trimethylbenzene	108-67-8	8.4	47	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	**0.014**		0.0027	U	0.0026	U	0.0025	U				
1,3-Dichlorobenzene	541-73-1	2.4	17	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
1,4-Dichlorobenzene	106-46-7	1.8	9.8	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
1,4-Dioxane	123-91-1	0.1	9.8	0.053	U	0.041	U	0.061	U	0.05	U	0.044	U	0.039	U	0.056	U	0.053	U	0.049	U	0.076	U	0.061	U	0.063	U	0.053	U	0.052	U	0.051	U				
2-Butanone	78-93-3	0.12	100	0.0026	U	**0.0035**	J	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	**0.025**		**0.0092**		0.0026	U	0.0025	U				
2-Hexanone	591-78-6	~	~	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
4-Methyl-2-pentanone	108-10-1	~	~	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
Acetone	67-64-1	0.05	100	**0.011**		**0.018**		**0.011**	J	0.005	U	0.0044	U	**0.0073**	J	0.0056	U	**0.0074**	J	0.0049	U	**0.021**		**0.0089**	J	**0.11**		**0.013**		0.0052	U	0.0051	U				
Acrolein	107-02-8	~	~	0.0053	U	0.0041	U	0.0061	U	0.005	U	0.0044	U	0.0039	U	0.0056	U	0.0053	U	0.0049	U	0.0076	U	0.0061	U	0.0063	U	0.0053	U	0.0052	U	0.0051	U				
Acrylonitrile	107-13-1	~	~	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
Benzene	71-43-2	0.06	2.9	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
Bromochloromethane	74-97-5	~	~	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
Bromodichloromethane	75-27-4	~	~	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
Bromoform	75-25-2	~	~	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
Bromomethane	74-83-9	~	~	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
Carbon disulfide	75-15-0	~	~	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
Carbon tetrachloride	56-23-5	0.76	1.4	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
Chlorobenzene	108-90-7	1.1	100	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
Chloroethane	75-00-3	~	~	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
Chloroform	67-66-3	0.37	10	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
Chloromethane	74-87-3	~	~	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
cis-1,2-Dichloroethylene	156-59-2	0.25	59	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
cis-1,3-Dichloropropylene	10061-01-5	~	~	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
Cyclohexane	110-82-7	~	~	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
Dibromochloromethane	124-48-1	~	~	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
Dibromomethane	74-95-3	~	~	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
Dichlorodifluoromethane	75-71-8	~	~	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
Ethyl Benzene	100-41-4	1	30	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	**0.0054**	J	0.0027	U	0.0026	U	0.0025	U				
Hexachlorobutadiene	87-68-3	~	~	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
Isopropylbenzene	98-82-8	~	~	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	**0.0057**	J	0.0027	U	0.0026	U	0.0025	U				
Methyl acetate	79-20-9	~	~	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	62	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
Methylcyclohexane	108-87-2	~	~	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
Methylene chloride	75-09-2	0.05	51	0.0053	U	0.0041	U	0.0061	U	0.005	U	0.0044	U	0.0039	U	0.0056	U	0.0053	U	0.0049	U	0.0076	U	0.0061	U	0.0063	U	0.0053	U	0.0052	U	0.0051	U				
n-Butylbenzene	104-51-8	12	100	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
n-Propylbenzene	103-65-1	3.9	100	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	**0.0091**		0.0027	U	0.0026	U	0.0025	U				
o-Xylene	95-47-6	~	~	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	**0.015**		0.0027	U	0.0026	U	0.0025	U				
p- & m- Xylenes	179601-23-1	~	~	0.0053	U	0.0041	U	0.0061	U	0.005	U	0.0044	U	0.0039	U	0.0056	U	0.0053	U	0.0049	U	0.0076	U	0.0061	U	**0.011**	J	0.0053	U	0.0052	U	0.0051	U				
p-Isopropyltoluene	99-87-6	~	~	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	**0.02**		0.0027	U	0.0026	U	0.0025	U				
sec-Butylbenzene	135-98-8	11	100	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	**0.015**		0.0027	U	0.0026	U	0.0025	U				
Styrene	100-42-5	~	~	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
tert-Butyl alcohol (TBA)	75-65-0	~	~	0.0053	U	0.0021	U	0.0061	U	0.0025	U	0.0022	U	0.0039	U	0.0028	U	0.0053	U	0.0025	U	0.0038	U	0.0031	U	0.0063	U	0.0027	U	0.0026	U	0.0025	U				
tert-Butylbenzene	98-06-6	5.9	100	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	**0.015**		0.0027	U	0.0026	U	0.0025	U				
Tetrachloroethylene	127-18-4	1.3	5.5	**0.0058**		0.0021	U	0.003	U	0.0025	U	0.0022	U	**0.033**		0.0028	U	0.0026	U	0.0025	U	**11**	D	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
Toluene	108-88-3	0.7	100	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	**0.01**		0.0027	U	0.0026	U	0.0025	U				
trans-1,2-Dichloroethylene	156-60-5	0.19	100	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
trans-1,3-Dichloropropylene	10061-02-6	~	~	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
Trichloroethylene	79-01-6	0.47	10	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	**0.004**	J	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
Trichlorofluoromethane	75-69-4	~	~	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
Vinyl Chloride	75-01-4	0.02	0.21	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
Xylenes, Total	1330-20-7	1.6	100	0.0079	U	0.0062	U	0.0091	U	0.0075	U	0.0066	U	0.0059	U	0.0084	U	0.0079	U	0.0074	U	0.011	U	0.0092	U	**0.027**		0.008	U	0.0079	U	0.0076	U				

NOTES:

Any Regulatory Exceedences are color coded by Regulation

Highlight Legend:

Yellow - exceedance in NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW

Orange - exceedance in NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential

Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution

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

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

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

P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis

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

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

Table 1 (continued)

Volatile Organic Compounds in Soil (mg/kg)

EPA Method: 8260

148-28 Hillside Avenue, Jamaica, NY 11435

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential	SB-2A (4-6') 17D0698-01 4/18/17 Soil		SB-2A (6-8') 17D0698-02 4/18/17 Soil		SB-3A (4-6') 17D0698-03 4/18/17 Soil		SB-3A (6-8') 17D0698-04 4/18/17 Soil		SB-4A (4-6') 17B0945-04 2/24/17 Soil		SB-4A (6-8') 17B0945-05 2/24/17 Soil		SB-7A (0-2') 15K0797-05 11/18/15 Soil		SB-8A (0-2') 15K0797-07 11/18/15 Soil		SB-2B(13'-15') 15F1016-02 6/25/15 Soil		SB-7B (10-12') 15K0797-06 11/18/15 Soil		SB-8B (10-12') 15K0797-08 11/18/15 Soil		SB-2 (4-6') 17D0698-01 4/18/17 Soil		SB-2 (6-8') 17D0698-02 4/18/17 Soil		SB-3 (4-6') 17D0698-03 4/18/17 Soil		SB-3 (6-8') 17D0698-04 4/18/17 Soil	
Compound	**CAS Number**	mg/Kg	mg/Kg	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, NJDEP/TCL/Part 375 List		mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor				1		1		1		1		1		1		1		1		1		1		1		1		1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
1,1,1-Trichloroethane	71-55-6	0.68	100	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
1,1,2-Trichloroethane	79-00-5	~	~	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
1,1-Dichloroethane	75-34-3	0.27	19	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
1,1-Dichloroethylene	75-35-4	0.33	100	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
1,2,3-Trichlorobenzene	87-61-6	~	~	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
1,2,3-Trichloropropane	96-18-4	~	~	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
1,2,4-Trichlorobenzene	120-82-1	~	~	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
1,2,4-Trimethylbenzene	95-63-6	3.6	47	0.0031	U	0.0028	U	0.0028	U	0.0026	U	**0.0041**	J	**0.0035**	J	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
1,2-Dibromoethane	106-93-4	~	~	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
1,2-Dichlorobenzene	95-50-1	1.1	100	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
1,2-Dichloroethane	107-06-2	0.02	2.3	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
1,2-Dichloropropane	78-87-5	~	~	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
1,3,5-Trimethylbenzene	108-67-8	8.4	47	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
1,3-Dichlorobenzene	541-73-1	2.4	17	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
1,4-Dichlorobenzene	106-46-7	1.8	9.8	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
1,4-Dioxane	123-91-1	0.1	9.8	0.061	U	0.057	U	0.056	U	0.052	U	0.054	U	0.051	U	0.053	U	0.069	U	0.05	U	0.053	U	0.049	U	0.0610	U	0.0570	U	0.0560	U	0.0520	U
2-Butanone	78-93-3	0.12	100	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
2-Hexanone	591-78-6	~	~	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
4-Methyl-2-pentanone	108-10-1	~	~	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
Acetone	67-64-1	0.05	100	**0.021**		**0.032**		**0.054**		**0.046**		**0.0083**	J	**0.0055**	J	**0.012**		**0.0083**	J	0.005	U	**0.012**		**0.011**		**0.0210**		**0.0320**		**0.0540**		**0.0460**	
Acrolein	107-02-8	~	~	0.0061	U	0.0057	U	0.0056	U	0.0052	U	0.0054	U	0.0051	U	0.0053	U	0.0069	U	0.005	U	0.0052	U	0.0049	U	0.00610	U	0.00570	U	0.00560	U	0.00520	U
Acrylonitrile	107-13-1	~	~	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
Benzene	71-43-2	0.06	2.9	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
Bromochloromethane	74-97-5	~	~	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
Bromodichloromethane	75-27-4	~	~	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
Bromoform	75-25-2	~	~	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0054	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
Bromomethane	74-83-9	~	~	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0054	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
Carbon disulfide	75-15-0	~	~	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
Carbon tetrachloride	56-23-5	0.76	1.4	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
Chlorobenzene	108-90-7	1.1	100	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
Chloroethane	75-00-3	~	~	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
Chloroform	67-66-3	0.37	10	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
Chloromethane	74-87-3	~	~	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
cis-1,2-Dichloroethylene	156-59-2	0.25	59	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
Cyclohexane	110-82-7	~	~	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
Dibromochloromethane	124-48-1	~	~	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
Dibromomethane	74-95-3	~	~	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
Dichlorodifluoromethane	75-71-8	~	~	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
Ethyl Benzene	100-41-4	1	30	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
Hexachlorobutadiene	87-68-3	~	~	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
Isopropylbenzene	98-82-8	~	~	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
Methyl acetate	79-20-9	~	~	0.0031	U	**0.0036**	J	**0.013**		**0.0042**	J	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	**0.00360**	J	**0.0130**		**0.00420**	J
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	62	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
Methylcyclohexane	108-87-2	~	~	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
Methylene chloride	75-09-2	0.05	51	0.0061	U	0.0057	U	0.0056	U	0.0052	U	0.0054	U	0.0051	U	0.0053	U	0.0069	U	0.005	U	0.0052	U	0.0049	U	0.00610	U	0.00570	U	0.00560	U	0.00520	U
n-Butylbenzene	104-51-8	12	100	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
n-Propylbenzene	103-65-1	3.9	100	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
o-Xylene	95-47-6	~	~	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
p- & m- Xylenes	179601-23-1	~	~	0.0061	U	0.0057	U	0.0056	U	0.0052	U	0.0054	U	0.0051	U	0.0053	U	0.0069	U	0.005	U	0.0052	U	0.0049	U	0.00610	U	0.00570	U	0.00560	U	0.00520	U
p-Isopropyltoluene	99-87-6	~	~	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
sec-Butylbenzene	135-98-8	11	100	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
Styrene	100-42-5	~	~	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0053	U	0.0069	U	0.0025	U	0.0052	U	0.0049	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
tert-Butylbenzene	98-06-6	5.9	100	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
Tetrachloroethylene	127-18-4	1.3	5.5	0.0031	U	0.0028	U	0.0028	U	0.0026	U	**0.0093**		0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
Toluene	108-88-3	0.7	100	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
trans-1,2-Dichloroethylene	156-60-5	0.19	100	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
Trichloroethylene	79-01-6	0.47	10	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
Trichlorofluoromethane	75-69-4	~	~	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
Vinyl Chloride	75-01-4	0.02	0.21	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
Xylenes, Total	1330-20-7	1.6	100	0.0092	U	0.0085	U	0.0084	U	0.0077	U	0.0081	U	0.0077	U	0.008	U	0.01	U	0.0076	U	0.0078	U	0.0073	U	0.00920	U	0.00850	U	0.00840	U	0.00770	U

NOTES:

Any Regulatory Exceedences are color coded by Regulation

Highlight Legend:

Yellow - exceedance in NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW

Orange - exceedance in NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential

Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution

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

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

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

P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis

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

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

Table 2

Semi-Volatile Organic Compounds in Soil (mg/kg)
EPA Method: 8270
148-28 Hillside Avenue, Jamaica, NY 11435

Sample ID / York ID / Sampling Date / Client Matrix		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential	SB-1 (0-2') 15K0797-01 11/18/15 Soil		SB-1(13'-15') 15F1016-01 6/24/15 Soil		SB-3 (0-2') 15K0797-02 11/18/15 Soil		SB-3(13'-15') 15F1016-03 6/24/15 Soil		SB-4(13'-15') 15F1016-04 6/25/15 Soil		SB-5 (0-2') 15K0797-03 11/18/15 Soil		SB-5(13'-15') 15F1016-05 6/24/15 Soil	
Compound	CAS Number			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Semi-Volatiles, NJDEP/TCL/Part 375 List		mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor				2		1		2		1		1		2		1	
1,1-Biphenyl	92-52-4	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	0.0964	U	0.0426	U	0.0943	U	0.0427	U	0.0431	U	0.0936	U	0.0436	U
1,2,4-Trichlorobenzene	120-82-1	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U
1,2-Dichlorobenzene	95-50-1	1.1	100	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U
1,2-Diphenylhydrazine (as Azobenze	122-66-7	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U
1,3-Dichlorobenzene	541-73-1	2.4	17	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U
1,4-Dichlorobenzene	106-46-7	1.8	9.8	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	0.0964	U	0.0426	U	0.0943	U	0.0427	U	0.0431	U	0.0936	U	0.0436	U
2,4,5-Trichlorophenol	95-95-4	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U
2,4,6-Trichlorophenol	88-06-2	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U
2,4-Dichlorophenol	120-83-2	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U
2,4-Dimethylphenol	105-67-9	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U
2,4-Dinitrophenol	51-28-5	~	~	0.0964	U	0.0426	U	0.0943	U	0.0427	U	0.0431	U	0.0936	U	0.0436	U
2,4-Dinitrotoluene	121-14-2	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U
2,6-Dinitrotoluene	606-20-2	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U
2-Chloronaphthalene	91-58-7	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U
2-Chlorophenol	95-57-8	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U
2-Methylnaphthalene	91-57-6	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U
2-Methylphenol	95-48-7	0.33	100	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U
2-Nitroaniline	88-74-4	~	~	0.0964	U	0.0426	U	0.0943	U	0.0427	U	0.0431	U	0.0936	U	0.0436	U
2-Nitrophenol	88-75-5	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U
3- & 4-Methylphenols	65794-96-9	0.33	34	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U
3,3-Dichlorobenzidine	91-94-1	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U
3-Nitroaniline	99-09-2	~	~	0.0964	U	0.0426	U	0.0943	U	0.0427	U	0.0431	U	0.0936	U	0.0436	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	0.0964	U	0.0426	U	0.0943	U	0.0427	U	0.0431	U	0.0936	U	0.0436	U
4-Bromophenyl phenyl ether	101-55-3	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U
4-Chloro-3-methylphenol	59-50-7	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U
4-Chloroaniline	106-47-8	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U
4-Nitroaniline	100-01-6	~	~	0.0964	U	0.0426	U	0.0943	U	0.0427	U	0.0431	U	0.0936	U	0.0436	U
4-Nitrophenol	100-02-7	~	~	0.0964	U	0.0426	U	0.0943	U	0.0427	U	0.0431	U	0.0936	U	0.0436	U
Acenaphthene	83-32-9	98	100	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U
Acenaphthylene	208-96-8	107	100	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U
Acetophenone	98-86-2	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U
Aniline	62-53-3	~	~	0.193	U	0.0853	U	0.189	U	0.0855	U	0.0863	U	0.187	U	0.0874	U
Anthracene	120-12-7	1000	100	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U
Atrazine	1912-24-9	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U
Benzaldehyde	100-52-7	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U
Benzidine	92-87-5	~	~	0.193	U	0.0853	U	0.189	U	0.0855	U	0.0863	U	0.187	U	0.0874	U
Benzo(a)anthracene	56-55-3	1	1	0.0483	U	0.0214	U	**0.158**	D	0.0214	U	0.0216	U	**0.176**	D	0.0219	U
Benzo(a)pyrene	50-32-8	22	1	0.0483	U	0.0214	U	**0.103**	D	0.0214	U	0.0216	U	**0.148**	D	0.0219	U
Benzo(b)fluoranthene	205-99-2	1.7	1	0.0483	U	0.0214	U	**0.0972**	D	0.0214	U	0.0216	U	**0.157**	D	0.0219	U
Benzo(g,h,i)perylene	191-24-2	1000	100	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	**0.0733**	JD	0.0219	U
Benzo(k)fluoranthene	207-08-9	1.7	1	0.0483	U	0.0214	U	**0.108**	D	0.0214	U	0.0216	U	**0.162**	D	0.0219	U
Benzoic acid	65-85-0	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U
Benzyl alcohol	100-51-6	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U
Benzyl butyl phthalate	85-68-7	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U
Bis(2-chloroethyl)ether	111-44-4	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	0.0483	U	0.0214	U	**0.11**	D	0.0214	U	0.0216	U	0.0469	U	0.0219	U
Caprolactam	105-60-2	~	~	0.0964	U	0.0426	U	0.0943	U	0.0427	U	0.0431	U	0.0936	U	0.0436	U
Carbazole	86-74-8	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U
Chrysene	218-01-9	1	1	0.0483	U	0.0214	U	**0.184**	D	0.0214	U	0.0216	U	**0.2**	D	0.0219	U
Dibenzo(a,h)anthracene	53-70-3	1000	0.33	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U
Dibenzofuran	132-64-9	210	14	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U
Diethyl phthalate	84-66-2	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U
Dimethyl phthalate	131-11-3	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U
Di-n-butyl phthalate	84-74-2	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U
Di-n-octyl phthalate	117-84-0	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U
Fluoranthene	206-44-0	1000	100	0.0483	U	0.0214	U	**0.207**	D	0.0214	U	0.0216	U	**0.276**	D	0.0219	U
Fluorene	86-73-7	386	100	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U
Hexachlorobenzene	118-74-1	3.2	0.33	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U
Hexachlorobutadiene	87-68-3	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U
Hexachlorocyclopentadiene	77-47-4	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U
Hexachloroethane	67-72-1	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U
Indeno(1,2,3-cd)pyrene	193-39-5	8.2	0.5	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	**0.0681**	JD	0.0219	U
Isophorone	78-59-1	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U
Naphthalene	91-20-3	12	100	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U
Nitrobenzene	98-95-3	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U
N-Nitrosodimethylamine	62-75-9	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U
N-nitroso-di-n-propylamine	621-64-7	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U
N-Nitrosodiphenylamine	86-30-6	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U
Pentachlorophenol	87-86-5	0.8	2.4	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U
Phenanthrene	85-01-8	1000	100	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U
Phenol	108-95-2	0.33	100	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U
Pyrene	129-00-0	1000	100	**0.0601**	JD	0.0214	U	**0.231**	D	0.0214	U	0.0216	U	**0.257**	D	0.0219	U

Sample ID / York ID / Sampling Date / Client Matrix		SB-6(0-2') 15F1016-06 6/24/15 Soil		SB-6 (0-2') 15K0797-04 11/18/15 Soil		SB-9 (0-2') 15K0797-09 11/19/15 Soil		SB-9 (10-12') 15K0797-10 11/19/15 Soil		SB-10 (0-2') 15K0797-11 11/19/15 Soil		SB-10(10-12) 15K0797-12 11/19/15 Soil		SB-7A (0-2') 15K0797-05 11/18/15 Soil		SB-8A (0-2') 15K0797-07 11/18/15 Soil		SB-2B(13'-15') 15F1016-02 6/25/15 Soil		SB-7B (10-12') 15K0797-06 11/18/15 Soil		SB-8B (10-12') 15K0797-08 11/18/15 Soil	
Compound	CAS Number	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Semi-Volatiles, NJDEP/TCL/Part 375 List		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		1		2		2		2		20		2		2		2		1		2		2	
1,1-Biphenyl	92-52-4	0.0222	U	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
1,2,4,5-Tetrachlorobenzene	95-94-3	0.0443	U	0.0939	U	0.0896	U	0.0853	U	0.0875	U	0.0861	U	0.0913	U	0.0963	U	0.043	U	0.0886	U	0.0858	U
1,2,4-Trichlorobenzene	120-82-1	0.0222	U	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
1,2-Dichlorobenzene	95-50-1	0.0222	U	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
1,2-Diphenylhydrazine (as Azobenze	122-66-7	0.0222	U	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
1,3-Dichlorobenzene	541-73-1	0.0222	U	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
1,4-Dichlorobenzene	106-46-7	0.0222	U	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
2,3,4,6-Tetrachlorophenol	58-90-2	0.0443	U	0.0939	U	0.0896	U	0.0853	U	0.0875	U	0.0861	U	0.0913	U	0.0963	U	0.043	U	0.0886	U	0.0858	U
2,4,5-Trichlorophenol	95-95-4	0.0222	U	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
2,4,6-Trichlorophenol	88-06-2	0.0222	U	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
2,4-Dichlorophenol	120-83-2	0.0222	U	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
2,4-Dimethylphenol	105-67-9	0.0222	U	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
2,4-Dinitrophenol	51-28-5	0.0443	U	0.0939	U	0.0896	U	0.0853	U	0.0875	U	0.0861	U	0.0913	U	0.0963	U	0.043	U	0.0886	U	0.0858	U
2,4-Dinitrotoluene	121-14-2	0.0222	U	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
2,6-Dinitrotoluene	606-20-2	0.0222	U	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
2-Chloronaphthalene	91-58-7	0.0222	U	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
2-Chlorophenol	95-57-8	0.0222	U	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
2-Methylnaphthalene	91-57-6	0.0222	U	0.0471	U	0.0449	U	0.0427	U	**0.168**	D	0.0431	U	**0.073**	JD	0.0483	U	0.0215	U	0.0444	U	0.043	U
2-Methylphenol	95-48-7	0.0222	U	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
2-Nitroaniline	88-74-4	0.0443	U	0.0939	U	0.0896	U	0.0853	U	0.0875	U	0.0861	U	0.0913	U	0.0963	U	0.043	U	0.0886	U	0.0858	U
2-Nitrophenol	88-75-5	0.0222	U	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
3- & 4-Methylphenols	65794-96-9	0.0222	U	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
3,3-Dichlorobenzidine	91-94-1	0.0222	U	0.0471	U	0.0449	U	0.0427	U	0.438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
3-Nitroaniline	99-09-2	0.0443	U	0.0939	U	0.0896	U	0.0853	U	0.0875	U	0.0861	U	0.0913	U	0.0963	U	0.043	U	0.0886	U	0.0858	U
4,6-Dinitro-2-methylphenol	534-52-1	0.0443	U	0.0939	U	0.0896	U	0.0853	U	0.0875	U	0.0861	U	0.0913	U	0.0963	U	0.043	U	0.0886	U	0.0858	U
4-Bromophenyl phenyl ether	101-55-3	0.0222	U	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
4-Chloro-3-methylphenol	59-50-7	0.0222	U	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
4-Chloroaniline	106-47-8	0.0222	U	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
4-Chlorophenyl phenyl ether	7005-72-3	0.0222	U	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
4-Nitroaniline	100-01-6	0.0443	U	0.0939	U	0.0896	U	0.0853	U	0.0875	U	0.0861	U	0.0913	U	0.0963	U	0.043	U	0.0886	U	0.0858	U
4-Nitrophenol	100-02-7	0.0443	U	0.0939	U	0.0896	U	0.0853	U	0.0875	U	0.0861	U	0.0913	U	0.0963	U	0.043	U	0.0886	U	0.0858	U
Acenaphthene	83-32-9	0.0222	U	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	**0.296**	D	0.0483	U	0.0215	U	0.0444	U	0.043	U
Acenaphthylene	208-96-8	0.0222	U	0.0471	U	0.0449	U	0.0427	U	**0.0503**	JD	0.0431	U	**0.0686**	JD	0.0483	U	0.0215	U	0.0444	U	0.043	U
Acetophenone	98-86-2	0.0222	U	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
Aniline	62-53-3	0.0888	U	0.188	U	0.18	U	0.171	U	0.175	U	0.172	U	0.183	U	0.193	U	0.086	U	0.178	U	0.172	U
Anthracene	120-12-7	0.0222	U	0.0471	U	0.0449	U	0.0427	U	**0.123**	D	0.0431	U	**0.839**	D	0.0483	U	0.0215	U	0.0444	U	0.043	U
Atrazine	1912-24-9	0.0222	U	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
Benzaldehyde	100-52-7	0.0222	U	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
Benzidine	92-87-5	0.0888	U	0.188	U	0.18	U	0.171	U	0.175	U	0.172	U	0.183	U	0.193	U	0.086	U	0.178	U	0.172	U
Benzo(a)anthracene	56-55-3	0.0222	U	**0.0653**	JD	**0.0774**	JD	0.0427	U	0.438	U	0.0431	U	**1.55**	D	**0.0623**	JD	0.0215	U	0.0444	U	0.043	U
Benzo(a)pyrene	50-32-8	0.0222	U	0.0471	U	**0.0674**	JD	0.0427	U	0.438	U	0.0431	U	**0.481**	D	0.0483	U	0.0215	U	0.0444	U	0.043	U
Benzo(b)fluoranthene	205-99-2	0.0222	U	0.0471	U	**0.0666**	JD	0.0427	U	0.438	U	0.0431	U	**0.589**	D	0.0483	U	0.0215	U	0.0444	U	0.043	U
Benzo(g,h,i)perylene	191-24-2	0.0222	U	0.0471	U	0.0449	U	0.0427	U	0.438	U	0.0431	U	**0.244**	D	0.0483	U	0.0215	U	0.0444	U	0.043	U
Benzo(k)fluoranthene	207-08-9	0.0222	U	0.0471	U	**0.0702**	JD	0.0427	U	0.438	U	0.0431	U	**0.582**	D	**0.0616**	JD	0.0215	U	0.0444	U	0.043	U
Benzoic acid	65-85-0	0.0222	U	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
Benzyl alcohol	100-51-6	0.0222	U	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
Benzyl butyl phthalate	85-68-7	0.0222	U	0.0471	U	0.0449	U	0.0427	U	0.438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
Bis(2-chloroethoxy)methane	111-91-1	0.0222	U	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
Bis(2-chloroethyl)ether	111-44-4	0.0222	U	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
Bis(2-chloroisopropyl)ether	108-60-1	0.0222	U	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
Bis(2-ethylhexyl)phthalate	117-81-7	0.0222	U	0.0471	U	0.0449	U	0.0427	U	0.438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
Caprolactam	105-60-2	0.0443	U	0.0939	U	0.0896	U	0.0853	U	0.0875	U	0.0861	U	0.0913	U	0.0963	U	0.043	U	0.0886	U	0.0858	U
Carbazole	86-74-8	0.0222	U	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	**0.441**	D	0.0483	U	0.0215	U	0.0444	U	0.043	U
Chrysene	218-01-9	0.0222	U	**0.0848**	JD	**0.12**	D	0.0427	U	0.438	U	0.0431	U	**1.56**	D	**0.0808**	JD	0.0215	U	0.0444	U	0.043	U
Dibenzo(a,h)anthracene	53-70-3	0.0222	U	0.0471	U	0.0449	U	0.0427	U	0.438	U	0.0431	U	**0.211**	D	0.0483	U	0.0215	U	0.0444	U	0.043	U
Dibenzofuran	132-64-9	0.0222	U	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	**0.193**	D	0.0483	U	0.0215	U	0.0444	U	0.043	U
Diethyl phthalate	84-66-2	0.0222	U	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
Dimethyl phthalate	131-11-3	0.0222	U	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
Di-n-butyl phthalate	84-74-2	0.0222	U	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
Di-n-octyl phthalate	117-84-0	0.0222	U	0.0471	U	0.0449	U	0.0427	U	0.438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
Fluoranthene	206-44-0	0.0222	U	**0.119**	D	**0.191**	D	0.0427	U	**0.189**	D	0.0431	U	**2.64**	D	**0.132**	D	0.0215	U	0.0444	U	0.043	U
Fluorene	86-73-7	0.0222	U	0.0471	U	0.0449	U	0.0427	U	**0.0958**	D	0.0431	U	**0.328**	D	0.0483	U	0.0215	U	0.0444	U	0.043	U
Hexachlorobenzene	118-74-1	0.0222	U	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
Hexachlorobutadiene	87-68-3	0.0222	U	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
Hexachlorocyclopentadiene	77-47-4	0.0222	U	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
Hexachloroethane	67-72-1	0.0222	U	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.0222	U	0.0471	U	0.0449	U	0.0427	U	0.438	U	0.0431	U	**0.306**	D	0.0483	U	0.0215	U	0.0444	U	0.043	U
Isophorone	78-59-1	0.0222	U	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
Naphthalene	91-20-3	0.0222	U	0.0471	U	0.0449	U	0.0427	U	**0.13**	D	0.0431	U	**0.119**	D	0.0483	U	0.0215	U	0.0444	U	0.043	U
Nitrobenzene	98-95-3	0.0222	U	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
N-Nitrosodimethylamine	62-75-9	0.0222	U	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
N-nitroso-di-n-propylamine	621-64-7	0.0222	U	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
N-Nitrosodiphenylamine	86-30-6	0.0222	U	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
Pentachlorophenol	87-86-5	0.0222	U	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
Phenanthrene	85-01-8	0.0222	U	0.0471	U	**0.0566**	JD	0.0427	U	**0.178**	D	0.0431	U	**2.2**	D	**0.0808**	JD	0.0215	U	0.0444	U	0.043	U
Phenol	108-95-2	0.0222	U	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
Pyrene	129-00-0	0.0222	U	**0.203**	D	**0.199**	D	0.0427	U	0.438	U	0.0431	U	**2.94**	D	**0.11**	D	0.0215	U	0.0444	U	0.043	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation
Highlight Legend:
Yellow - exceedance in NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW
Orange - exceedance in NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 3

Pesticides, PCBs, and Herbicides in Soil (mg/kg)

EPA Methods: 8081 and 8082

148-28 Hillside Avenue, Jamaica, NY 11435

Sample ID		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Residential	SB-1 (0-2')		SB-3 (0-2')		SB-5 (0-2')		SB-6 (0-2')		SB-9 (0-2')		SB-9 (10-12')		SB-10 (0-2')		SB-10(10-12)		SB-7A (0-2')		SB-8A (0-2')		SB-7B (10-12')		SB-8B (10-12')	
York ID				15K0797-01		15K0797-02		15K0797-03		15K0797-04		15K0797-09		15K0797-10		15K0797-11		15K0797-12		15K0797-05		15K0797-07		15K0797-06		15K0797-08	
Sampling Date				11/18/15		11/18/15		11/18/15		11/18/15		11/19/15		11/19/15		11/19/15		11/19/15		11/18/15		11/18/15		11/18/15		11/18/15	
Client Matrix				Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Pesticides, NJDEP/TCL/Part 375 List		mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor				5		5		5		5		5		5		5		5		5		5		5		5	
4,4'-DDD	72-54-8	14	2.6	0.00286	U	0.0028	U	0.00278	U	0.00279	U	0.00266	U	0.00253	U	0.0026	U	0.00255	U	0.00271	U	0.00286	U	0.00263	U	0.00255	U
4,4'-DDE	72-55-9	17	1.8	0.00286	U	0.0028	U	0.00278	U	0.00279	U	0.00266	U	0.00253	U	0.0026	U	0.00255	U	0.00271	U	0.00286	U	0.00263	U	0.00255	U
4,4'-DDT	50-29-3	136	1.7	**0.00382**	D	0.0028	U	0.00278	U	**0.00506**	D	0.00266	U	0.00253	U	0.0026	U	0.00255	U	0.00271	U	0.00286	U	0.00263	U	0.00255	U
Aldrin	309-00-2	0.19	0.019	0.00286	U	0.0028	U	0.00278	U	0.00279	U	0.00266	U	0.00253	U	0.0026	U	0.00255	U	0.00271	U	0.00286	U	0.00263	U	0.00255	U
alpha-BHC	319-84-6	0.02	0.097	0.00286	U	0.0028	U	0.00278	U	0.00279	U	0.00266	U	0.00253	U	0.0026	U	0.00255	U	0.00271	U	0.00286	U	0.00263	U	0.00255	U
alpha-Chlordane	5103-71-9	2.9	0.91	0.00286	U	0.0028	U	0.00278	U	0.00279	U	0.00266	U	0.00253	U	0.0026	U	0.00255	U	0.00271	U	0.00286	U	0.00263	U	0.00255	U
beta-BHC	319-85-7	0.09	0.072	0.00286	U	0.0028	U	0.00278	U	0.00279	U	0.00266	U	0.00253	U	0.0026	U	0.00255	U	0.00271	U	0.00286	U	0.00263	U	0.00255	U
Chlordane, total	57-74-9	~	~	0.114	U	0.112	U	0.111	U	0.111	U	0.106	U	0.101	U	0.104	U	0.102	U	0.108	U	0.114	U	0.105	U	0.102	U
delta-BHC	319-86-8	0.25	100	0.00286	U	0.0028	U	0.00278	U	0.00279	U	0.00266	U	0.00253	U	0.0026	U	0.00255	U	0.00271	U	0.00286	U	0.00263	U	0.00255	U
Dieldrin	60-57-1	0.1	0.039	0.00286	U	0.0028	U	0.00278	U	0.00279	U	0.00266	U	0.00253	U	0.0026	U	0.00255	U	0.00271	U	0.00286	U	0.00263	U	0.00255	U
Endosulfan I	959-98-8	102	4.8	0.00286	U	0.0028	U	0.00278	U	0.00279	U	0.00266	U	0.00253	U	0.0026	U	0.00255	U	0.00271	U	0.00286	U	0.00263	U	0.00255	U
Endosulfan II	33213-65-9	102	4.8	0.00286	U	0.0028	U	0.00278	U	0.00279	U	0.00266	U	0.00253	U	0.0026	U	0.00255	U	0.00271	U	0.00286	U	0.00263	U	0.00255	U
Endosulfan sulfate	1031-07-8	1000	4.8	0.00286	U	0.0028	U	0.00278	U	0.00279	U	0.00266	U	0.00253	U	0.0026	U	0.00255	U	0.00271	U	0.00286	U	0.00263	U	0.00255	U
Endrin	72-20-8	0.06	2.2	0.00286	U	0.0028	U	0.00278	U	0.00279	U	0.00266	U	0.00253	U	0.0026	U	0.00255	U	0.00271	U	0.00286	U	0.00263	U	0.00255	U
Endrin aldehyde	7421-93-4	~	~	0.00286	U	0.0028	U	0.00278	U	0.00279	U	0.00266	U	0.00253	U	0.0026	U	0.00255	U	0.00271	U	0.00286	U	0.00263	U	0.00255	U
Endrin ketone	53494-70-5	~	~	0.00286	U	0.0028	U	0.00278	U	0.00279	U	0.00266	U	0.00253	U	0.0026	U	0.00255	U	0.00271	U	0.00286	U	0.00263	U	0.00255	U
gamma-BHC (Lindane)	58-89-9	0.1	0.28	0.00286	U	0.0028	U	0.00278	U	0.00279	U	0.00266	U	0.00253	U	0.0026	U	0.00255	U	0.00271	U	0.00286	U	0.00263	U	0.00255	U
gamma-Chlordane	5566-34-7	~	~	0.00286	U	0.0028	U	0.00278	U	0.00279	U	0.00266	U	0.00253	U	0.0026	U	0.00255	U	0.00271	U	0.00286	U	0.00263	U	0.00255	U
Heptachlor	76-44-8	0.38	0.42	0.00286	U	0.0028	U	0.00278	U	0.00279	U	0.00266	U	0.00253	U	0.0026	U	0.00255	U	0.00271	U	0.00286	U	0.00263	U	0.00255	U
Heptachlor epoxide	1024-57-3	~	~	0.00286	U	0.0028	U	0.00278	U	0.00279	U	0.00266	U	0.00253	U	0.0026	U	0.00255	U	0.00271	U	0.00286	U	0.00263	U	0.00255	U
Methoxychlor	72-43-5	~	~	0.00286	U	0.0028	U	0.00278	U	0.00279	U	0.00266	U	0.00253	U	0.0026	U	0.00255	U	0.00271	U	0.00286	U	0.00263	U	0.00255	U
Toxaphene	8001-35-2	~	~	0.286	U	0.28	U	0.278	U	0.279	U	0.266	U	0.253	U	0.26	U	0.255	U	0.271	U	0.286	U	0.263	U	0.255	U
Polychlorinated Biphenyls (PCB)		mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor				1		1		1		1		1		1		1		1		1		1		1		1	
Aroclor 1016	12674-11-2	~	~	0.0289	U	0.0283	U	0.028	U	0.0281	U	0.0269	U	0.0256	U	0.0262	U	0.0258	U	0.0273	U	0.0289	U	0.0266	U	0.0257	U
Aroclor 1221	11104-28-2	~	~	0.0289	U	0.0283	U	0.028	U	0.0281	U	0.0269	U	0.0256	U	0.0262	U	0.0258	U	0.0273	U	0.0289	U	0.0266	U	0.0257	U
Aroclor 1232	11141-16-5	~	~	0.0289	U	0.0283	U	0.028	U	0.0281	U	0.0269	U	0.0256	U	0.0262	U	0.0258	U	0.0273	U	0.0289	U	0.0266	U	0.0257	U
Aroclor 1242	53469-21-9	~	~	0.0289	U	0.0283	U	0.028	U	0.0281	U	0.0269	U	0.0256	U	0.0262	U	0.0258	U	0.0273	U	0.0289	U	0.0266	U	0.0257	U
Aroclor 1248	12672-29-6	~	~	0.0289	U	0.0283	U	0.028	U	0.0281	U	0.0269	U	0.0256	U	0.0262	U	0.0258	U	0.0273	U	0.0289	U	0.0266	U	0.0257	U
Aroclor 1254	11097-69-1	~	~	0.0289	U	0.0283	U	0.028	U	0.0281	U	0.0269	U	0.0256	U	0.0262	U	0.0258	U	0.0273	U	0.0289	U	0.0266	U	0.0257	U
Aroclor 1260	11096-82-5	~	~	0.0289	U	0.0283	U	0.028	U	0.0281	U	0.0269	U	0.0256	U	0.0262	U	0.0258	U	0.0273	U	0.0289	U	0.0266	U	0.0257	U
Total PCBs	1336-36-3	3.2	1	0.0289	U	0.0283	U	0.028	U	0.0281	U	0.0269	U	0.0256	U	0.0262	U	0.0258	U	0.0273	U	0.0289	U	0.0266	U	0.0257	U

NOTES:

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Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution

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

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

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

P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis

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

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

Table 4

Metals in Soil (mg/Kg - Dry)

EPA Methods: 6010 and 7473

148-28 Hillside Avenue, Jamaica, NY 11435

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential	SB-1 (0-2') 15K0797-01 42326 Soil		SB-1(13'-15') 15F1016-01 42179 Soil		SB-3 (0-2') 15K0797-02 42326 Soil		SB-3(13'-15') 15F1016-03 42179 Soil		SB-4(13'-15') 15F1016-04 42180 Soil		SB-5 (0-2') 15K0797-03 42326 Soil		SB-5(13'-15') 15F1016-05 42179 Soil		SB-6(0-2') 15F1016-06 42179 Soil		SB-6 (0-2') 15K0797-04 42326 Soil		SB-9 (0-2') 15K0797-09 42327 Soil		SB-9 (10-12') 15K0797-10 42327 Soil		SB-10 (0-2') 15K0797-11 42327 Soil		SB-10(10-12) 15K0797-12 42327 Soil		SB-1A (4-6') 17B0945-06 2/24/17 Soil		SB-1A(6-8') 17B0945-07 2/24/17 Soil	
Compound	**CAS Number**			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Metals, RCRA		mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg					
Dilution Factor				1		1		1		1		1		1		1		1		1		1		1		1		1					
Arsenic	7440-38-2	16	16	**6.57**		1.02	U	**6.2**		1.02	U	1.03	U	**4.78**		1.05	U	1.06	U	**7.21**		**6.22**		1.02	U	**4.55**		1.03	U	NT		NT	
Barium	7440-39-3	820	350	**80.6**		**12.4**		**54.4**		**17.9**		**31.1**		**61.7**		**17.7**		**44.3**		**111**		**76.6**		**22.4**		**61**		**48.9**		NT		NT	
Cadmium	7440-43-9	7.5	2.5	**0.461**		**0.309**		**0.522**		**0.336**		**0.671**		0.337	U	0.314	U	**0.786**		**0.648**		**0.911**		0.307	U	0.315	U	0.31	U	NT		NT	
Chromium	7440-47-3	~	~	**18.9**		**8.22**		**14.6**		**9.43**		**13.6**		**19.5**		**8.87**		**31.2**		**23.1**		**12**		**15.8**		**6.98**		**16.2**		NT		NT	
Lead	7439-92-1	450	400	**89.7**		**6.31**	B	**158**		**5.5**	B	**8.04**	B	**30.7**		**6.11**	B	**11.7**	B	**346**		**90.8**		**5.74**		**1100**		**5.94**		NT		NT	
Selenium	7782-49-2	4	36	**2.15**		**3.67**		**1.88**		**2.14**		**7.18**		**2.7**		**3.83**		**7.01**		**2.69**		**1.77**		**4.07**		1.05	U	**4.18**		NT		NT	
Silver	7440-22-4	8.3	36	0.578	U	0.511	U	0.565	U	0.512	U	0.517	U	0.561	U	0.523	U	0.532	U	0.563	U	0.537	U	0.511	U	0.524	U	0.516	U	NT		NT	
Mercury by 7470/7471		mg/Kg	mg/Kg																			mg/Kg		mg/Kg		mg/Kg		mg/Kg					
Dilution Factor																						1		1		1		1					
Mercury	7439-97-6	0.73	0.81	NT		NT		NT		NT		NT		NT		NT		NT		NT		0.0355	U	0.0337	U	0.0346	U	0.0341	U	NT		NT	
Mercury by 7473		mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg													
Dilution Factor				1		1		1		1		1		1		1		1		1													
Mercury	7439-97-6	0.73	0.81	**0.0749**		0.0307	U	**0.095**		0.0307	U	0.031	U	**0.0952**		0.0314	U	0.0319	U	**0.217**		NT		NT		NT		NT		NT		NT	
Total Solids				%		%		%		%		%		%		%		%		%		%		%		%		%		%		%	
Dilution Factor				1		1		1		1		1		1		1		1		1		1		1		1		1		1		1	
% Solids	solids	~	~	**86.5**		**97.8**		**88.4**		**97.7**		**96.8**		**89.1**		**95.5**		**94.1**		**88.8**		**93**		**97.8**		**95.4**		**96.9**		**95.9**		**96.6**	

NOTES:
Any Regulatory Exceedences are color coded by Regulation
Highlight Legend:
Yellow - exceedance in NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW
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~=this indicates that no regulatory limit has been established for this analyte

Table 4 (continued)

Metals in Soil (mg/Kg - Dry)

EPA Methods: 6010 and 7473

148-28 Hillside Avenue, Jamaica, NY 11435

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential	SB-2A (4-6') 17D0698-01 4/18/17 Soil		SB-2A (6-8') 17D0698-02 4/18/17 Soil		SB-3A (4-6') 17D0698-03 4/18/17 Soil		SB-3A (6-8') 17D0698-04 4/18/17 Soil		SB-4A (4-6') 17B0945-04 2/24/17 Soil		SB-4A (6-8') 17B0945-05 2/24/17 Soil		SB-7A (0-2') 15K0797-05 11/18/15 Soil		SB-8A (0-2') 15K0797-07 11/18/15 Soil		SB-2B(13'-15') 15F1016-02 6/25/15 Soil		SB-7B (10-12') 15K0797-06 11/18/15 Soil		SB-8B (10-12') 15K0797-08 11/18/15 Soil	
Compound	**CAS Number**			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Metals, RCRA		mg/Kg	mg/Kg													mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor																1		1		1		1		1	
Arsenic	7440-38-2	16	16	NT		NT		NT		NT		NT		NT		**5.15**		**7.29**		1.03	U	**1.45**		1.03	U
Barium	7440-39-3	820	350	NT		NT		NT		NT		NT		NT		**102**		**114**		**31.8**		**24.3**		**53**	
Cadmium	7440-43-9	7.5	2.5	NT		NT		NT		NT		NT		NT		0.328	U	0.346	U	0.309	U	0.319	U	0.309	U
Chromium	7440-47-3	~	~	NT		NT		NT		NT		NT		NT		**17.6**		**10.9**		**10.3**		**16.3**		**20.4**	
Lead	7439-92-1	450	400	NT		NT		NT		NT		NT		NT		**261**		**89.2**		**14.8**	B	**4.79**		**3.99**	
Selenium	7782-49-2	4	36	NT		NT		NT		NT		NT		NT		**2.07**		**2.56**		**3.28**		**2.53**		**2.47**	
Silver	7440-22-4	8.3	36	NT		NT		NT		NT		NT		NT		0.547	U	0.577	U	0.515	U	0.531	U	0.514	U
Mercury by 7470/7471		mg/Kg	mg/Kg															mg/Kg				mg/Kg		mg/Kg	
Dilution Factor																		1				1		1	
Mercury	7439-97-6	0.73	0.81	NT		NT		NT		NT		NT		NT		NT		0.0381	U	NT		0.0351	U	0.034	U
Mercury by 7473		mg/Kg	mg/Kg													mg/Kg				mg/Kg					
Dilution Factor																1				1					
Mercury	7439-97-6	0.73	0.81	NT		NT		NT		NT		NT		NT		**0.206**		NT		0.0309	U	NT		NT	
Total Solids				%		%		%		%		%		%		%		%		%		%		%	
Dilution Factor				1		1		1		1		1		1		1		1		1		1		1	
% Solids	solids	~	~	**81.6**		**89.1**		**91.3**		**90.9**		**93**		**93.3**		**91.4**		**86.6**		**97.1**		**94.1**		**97.2**	

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Table 5

Volatile Organic Compounds in Water (ug/L)
EPA Method 8260
148-28 Hillside Avenue
Jamaica, NY 11435

ACT Project No.: 8346-JANY

Sample ID		NYSDEC TOGS Standards and Guidance	TW-1		TW-2		TW-3	
Sampling Date			12/2/16		12/2/16		12/2/16	
Compound	CAS Number	Values - GA	Result	Q	Result	Q	Result	Q
Volatile Organics, NJDEP/TCL/Part 375 List		ug/L	ug/L		ug/L		ug/L	
Dilution Factor			1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	5	0.20	U	0.20	U	0.20	U
1,1,1-Trichloroethane	71-55-6	5	0.20	U	0.20	U	0.20	U
1,1,2,2-Tetrachloroethane	79-34-5	5	0.20	U	0.20	U	0.20	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	5	0.20	U	0.20	U	0.20	U
1,1,2-Trichloroethane	79-00-5	1	0.20	U	0.20	U	0.20	U
1,1-Dichloroethane	75-34-3	5	0.20	U	0.20	U	0.20	U
1,1-Dichloroethylene	75-35-4	5	0.20	U	0.20	U	0.20	U
1,2,3-Trichlorobenzene	87-61-6	5	0.20	U	0.20	U	0.20	U
1,2,3-Trichloropropane	96-18-4	0.04	0.20	U	0.20	U	0.20	U
1,2,4-Trichlorobenzene	120-82-1	5	0.20	U	0.20	U	0.20	U
1,2,4-Trimethylbenzene	95-63-6	5	**0.23**	J	0.20	U	0.20	U
1,2-Dibromo-3-chloropropane	96-12-8	0.04	0.20	U	0.20	U	0.20	U
1,2-Dibromoethane	106-93-4	5	0.20	U	0.20	U	0.20	U
1,2-Dichlorobenzene	95-50-1	3	0.20	U	0.20	U	0.20	U
1,2-Dichloroethane	107-06-2	0.6	0.20	U	0.20	U	0.20	U
1,2-Dichloropropane	78-87-5	1	0.20	U	0.20	U	0.20	U
1,3,5-Trimethylbenzene	108-67-8	5	0.20	U	0.20	U	0.20	U
1,3-Dichlorobenzene	541-73-1	3	0.20	U	0.20	U	0.20	U
1,4-Dichlorobenzene	106-46-7	3	0.20	U	0.20	U	0.20	U
1,4-Dioxane	123-91-1	~	40	U	40	U	40	U
2-Butanone	78-93-3	50	0.20	U	0.20	U	0.20	U
2-Hexanone	591-78-6	50	0.20	U	0.20	U	0.20	U
4-Methyl-2-pentanone	108-10-1	~	0.20	U	0.20	U	0.20	U
Acetone	67-64-1	50	**1.3**	J	**1.2**	J	**3.9**	
Acrolein	107-02-8	~	0.20	U	0.20	U	0.20	U
Acrylonitrile	107-13-1	~	0.20	U	0.20	U	0.20	U
Benzene	71-43-2	1	0.20	U	0.20	U	0.20	U
Bromochloromethane	74-97-5	5	0.20	U	0.20	U	0.20	U
Bromodichloromethane	75-27-4	50	**0.43**	J	**1.1**		**0.60**	
Bromoform	75-25-2	50	0.20	U	0.20	U	0.20	U
Bromomethane	74-83-9	5	0.20	U	0.20	U	0.20	U
Carbon disulfide	75-15-0	~	0.20	U	0.20	U	0.20	U
Carbon tetrachloride	56-23-5	5	0.20	U	0.20	U	0.20	U
Chlorobenzene	108-90-7	5	0.20	U	0.20	U	0.20	U
Chloroethane	75-00-3	5	0.20	U	0.20	U	0.20	U
Chloroform	67-66-3	7	**6.7**		**14**		**12**	
Chloromethane	74-87-3	5	0.20	U	0.20	U	0.20	U
cis-1,2-Dichloroethylene	156-59-2	5	0.20	U	0.20	U	0.20	U
cis-1,3-Dichloropropylene	10061-01-5	0.4	0.20	U	0.20	U	0.20	U
Cyclohexane	110-82-7	~	0.20	U	0.20	U	0.20	U
Dibromochloromethane	124-48-1	50	0.20	U	0.20	U	0.20	U
Dibromomethane	74-95-3	~	0.20	U	0.20	U	0.20	U
Dichlorodifluoromethane	75-71-8	5	0.20	U	0.20	U	0.20	U
Ethyl Benzene	100-41-4	5	0.20	U	0.20	U	0.20	U
Hexachlorobutadiene	87-68-3	0.5	0.20	U	0.20	U	0.20	U
Isopropylbenzene	98-82-8	5	0.20	U	0.20	U	0.20	U
Methyl acetate	79-20-9	~	0.20	U	0.20	U	0.20	U
Methyl tert-butyl ether (MTBE)	1634-04-4	10	0.20	U	0.20	U	0.20	U
Methylcyclohexane	108-87-2	~	0.20	U	0.20	U	0.20	U
Methylene chloride	75-09-2	5	1.0	U	1.0	U	1.0	U
n-Butylbenzene	104-51-8	5	0.20	U	0.20	U	0.20	U
n-Propylbenzene	103-65-1	5	0.20	U	0.20	U	0.20	U
o-Xylene	95-47-6	5	0.20	U	0.20	U	0.20	U
p- & m- Xylenes	179601-23-1	5	0.50	U	0.50	U	0.50	U
p-Isopropyltoluene	99-87-6	5	0.20	U	0.20	U	0.20	U
sec-Butylbenzene	135-98-8	5	0.20	U	0.20	U	0.20	U
Styrene	100-42-5	5	0.20	U	0.20	U	0.20	U
tert-Butyl alcohol (TBA)	75-65-0	~	**2.7**		**1.3**	J	**1.3**	J
tert-Butylbenzene	98-06-6	5	0.20	U	0.20	U	0.20	U
Tetrachloroethylene	127-18-4	5	0.20	U	0.20	U	0.20	U
Toluene	108-88-3	5	0.20	U	0.20	U	0.20	U
trans-1,2-Dichloroethylene	156-60-5	5	0.20	U	0.20	U	0.20	U
trans-1,3-Dichloropropylene	10061-02-6	0.4	0.20	U	0.20	U	0.20	U
Trichloroethylene	79-01-6	5	0.20	U	0.20	U	0.20	U
Trichlorofluoromethane	75-69-4	5	0.20	U	0.20	U	0.20	U
Vinyl Chloride	75-01-4	2	0.20	U	0.20	U	0.20	U
Xylenes, Total	1330-20-7	5	0.60	U	0.60	U	0.60	U

Highlighted values signify detection above guidance value
Bold values signify detection above method detection limit
Q is the Qualifier Column with definitions as follows:
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
~=this indicates that no regulatory limit has been established for this analyte

Table 6

Semi-Volatile Organic Compounds in Water (ug/L)
EPA Method 8260
148-28 Hillside Avenue
Jamaica, NY 11435

ACT Project No.: 8346-JANY

Sample ID		NYSDEC TOGS Standards and Guidance Values - GA	TW-1		TW-2		TW-3	
Sampling Date			12/2/16		12/2/16		12/2/16	
Compound	CAS Number		Result	Q	Result	Q	Result	Q
Semi-Volatiles, NJDEP/TCL/Part 375 List		ug/L	ug/L		ug/L		ug/L	
Dilution Factor			1		1		1	
1,1'-Biphenyl	92-52-4	~	2.63	U	2.63	U	2.63	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	2.63	U	2.63	U	2.63	U
1,2,4-Trichlorobenzene	120-82-1	5	2.63	U	2.63	U	2.63	U
1,2-Dichlorobenzene	95-50-1	3	2.63	U	2.63	U	2.63	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	2.63	U	2.63	U	2.63	U
1,3-Dichlorobenzene	541-73-1	3	2.63	U	2.63	U	2.63	U
1,4-Dichlorobenzene	106-46-7	3	2.63	U	2.63	U	2.63	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	2.63	U	2.63	U	2.63	U
2,4,5-Trichlorophenol	95-95-4	1	2.63	U	2.63	U	2.63	U
2,4,6-Trichlorophenol	88-06-2	1	2.63	U	2.63	U	2.63	U
2,4-Dichlorophenol	120-83-2	5	2.63	U	2.63	U	2.63	U
2,4-Dimethylphenol	105-67-9	50	2.63	U	2.63	U	2.63	U
2,4-Dinitrophenol	51-28-5	10	2.63	U	2.63	U	2.63	U
2,4-Dinitrotoluene	121-14-2	5	2.63	U	2.63	U	2.63	U
2,6-Dinitrotoluene	606-20-2	5	2.63	U	2.63	U	2.63	U
2-Chloronaphthalene	91-58-7	10	2.63	U	2.63	U	2.63	U
2-Chlorophenol	95-57-8	1	2.63	U	2.63	U	2.63	U
2-Methylnaphthalene	91-57-6	~	2.63	U	2.63	U	2.63	U
2-Methylphenol	95-48-7	1	2.63	U	2.63	U	2.63	U
2-Nitroaniline	88-74-4	5	2.63	U	2.63	U	2.63	U
2-Nitrophenol	88-75-5	1	2.63	U	2.63	U	2.63	U
3- & 4-Methylphenols	65794-96-9	~	2.63	U	2.63	U	2.63	U
3,3'-Dichlorobenzidine	91-94-1	5	2.63	U	2.63	U	2.63	U
3-Nitroaniline	99-09-2	5	2.63	U	2.63	U	2.63	U
4,6-Dinitro-2-methylphenol	534-52-1	~	2.63	U	2.63	U	2.63	U
4-Bromophenyl phenyl ether	101-55-3	~	2.63	U	2.63	U	2.63	U
4-Chloro-3-methylphenol	59-50-7	1	2.63	U	2.63	U	2.63	U
4-Chloroaniline	106-47-8	5	2.63	U	2.63	U	2.63	U
4-Chlorophenyl phenyl ether	7005-72-3	~	2.63	U	2.63	U	2.63	U
4-Nitroaniline	100-01-6	5	2.63	U	2.63	U	2.63	U
4-Nitrophenol	100-02-7	1	2.63	U	2.63	U	2.63	U
Acenaphthene	83-32-9	20	0.0526	U	0.0526	U	0.0526	U
Acenaphthylene	208-96-8	~	0.0526	U	0.0526	U	0.0526	U
Acetophenone	98-86-2	~	2.63	U	2.63	U	2.63	U
Aniline	62-53-3	5	2.63	U	2.63	U	2.63	U
Anthracene	120-12-7	50	0.0526	U	0.0526	U	0.0526	U
Atrazine	1912-24-9	~	0.526	U	0.526	U	0.526	U
Benzaldehyde	100-52-7	~	2.63	U	2.63	U	2.63	U
Benzidine	92-87-5	~	10.5	U	10.5	U	10.5	U
Benzo(a)anthracene	56-55-3	0.002	0.0526	U	0.0526	U	0.0526	U
Benzo(a)pyrene	50-32-8	0.002	0.0526	U	0.0526	U	0.0526	U
Benzo(b)fluoranthene	205-99-2	0.002	0.0526	U	0.0526	U	0.0526	U
Benzo(g,h,i)perylene	191-24-2	~	0.0526	U	0.0526	U	0.0526	U
Benzo(k)fluoranthene	207-08-9	0.002	0.0526	U	0.0526	U	0.0526	U
Benzoic acid	65-85-0	~	26.3	U	26.3	U	26.3	U
Benzyl alcohol	100-51-6	~	2.63	U	2.63	U	2.63	U
Benzyl butyl phthalate	85-68-7	50	2.63	U	2.63	U	2.63	U
Bis(2-chloroethoxy)methane	111-91-1	5	2.63	U	2.63	U	2.63	U
Bis(2-chloroethyl)ether	111-44-4	1	2.63	U	2.63	U	2.63	U
Bis(2-chloroisopropyl)ether	108-60-1	5	2.63	U	2.63	U	2.63	U
Bis(2-ethylhexyl)phthalate	117-81-7	5	0.526	U	**11.0**		0.526	U
Caprolactam	105-60-2	~	2.63	U	2.63	U	2.63	U
Carbazole	86-74-8	~	2.63	U	2.63	U	2.63	U
Chrysene	218-01-9	0.002	0.0526	U	0.0526	U	0.0526	U
Dibenzo(a,h)anthracene	53-70-3	~	0.0526	U	0.0526	U	0.0526	U
Dibenzofuran	132-64-9	~	2.63	U	2.63	U	2.63	U
Diethyl phthalate	84-66-2	50	2.63	U	2.63	U	2.63	U
Dimethyl phthalate	131-11-3	50	2.63	U	2.63	U	2.63	U
Di-n-butyl phthalate	84-74-2	50	2.63	U	2.63	U	2.63	U
Di-n-octyl phthalate	117-84-0	50	2.63	U	2.63	U	2.63	U
Fluoranthene	206-44-0	50	0.0526	U	0.0526	U	0.0526	U
Fluorene	86-73-7	50	0.0526	U	0.0526	U	0.0526	U
Hexachlorobenzene	118-74-1	0.04	0.0211	U	0.0211	U	0.0211	U
Hexachlorobutadiene	87-68-3	0.5	0.526	U	0.526	U	0.526	U
Hexachlorocyclopentadiene	77-47-4	5	2.63	U	2.63	U	2.63	U
Hexachloroethane	67-72-1	5	0.526	U	0.526	U	0.526	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.002	0.0526	U	0.0526	U	0.0526	U
Isophorone	78-59-1	50	2.63	U	2.63	U	2.63	U
Naphthalene	91-20-3	10	0.0526	U	0.0526	U	0.0526	U
Nitrobenzene	98-95-3	0.4	0.263	U	0.263	U	0.263	U
N-Nitrosodimethylamine	62-75-9	~	0.526	U	0.526	U	0.526	U
N-nitroso-di-n-propylamine	621-64-7	~	2.63	U	2.63	U	2.63	U
N-Nitrosodiphenylamine	86-30-6	50	2.63	U	2.63	U	2.63	U
Pentachlorophenol	87-86-5	1	0.263	U	0.263	U	0.263	U
Phenanthrene	85-01-8	50	0.0526	U	0.0526	U	0.0526	U
Phenol	108-95-2	1	2.63	U	2.63	U	2.63	U
Pyrene	129-00-0	50	0.0526	U	0.0526	U	0.0526	U

Highlighted values signify detection above guidance value
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Table 7

Pesticides and PCBs in Water (ug/L)
EPA Method 8081/8082
148-28 Hillside Avenue
Jamaica, NY 11435

ACT Project No.: 8346-JANY

Sample ID / Sampling Date		NYSDEC TOGS Standards and Guidance Values - GA	TW-1 12/2/16		TW-2 12/2/16		TW-3 12/2/16	
Compound	**CAS Number**		Result	Q	Result	Q	Result	Q
Pesticides, NJDEP/TCL/Part 375 List		ug/L	ug/L		ug/L		ug/L	
Dilution Factor			1		1		1	
4,4'-DDD	72-54-8	0.3	0.00400	U	0.00400	U	0.00400	U
4,4'-DDE	72-55-9	0.2	0.00400	U	0.00400	U	0.00400	U
4,4'-DDT	50-29-3	0.2	0.00400	U	0.00400	U	0.00400	U
Aldrin	309-00-2	~	0.00400	U	0.00400	U	0.00400	U
alpha-BHC	319-84-6	0.01	0.00400	U	0.00400	U	0.00400	U
alpha-Chlordane	5103-71-9	~	0.00400	U	0.00400	U	0.00400	U
beta-BHC	319-85-7	0.04	0.00400	U	0.00400	U	0.00400	U
Chlordane, total	57-74-9	0.05	0.0200	U	0.0200	U	0.0200	U
delta-BHC	319-86-8	0.04	0.00400	U	0.00400	U	0.00400	U
Dieldrin	60-57-1	0.004	0.00200	U	0.00200	U	0.00200	U
Endosulfan I	959-98-8	~	0.00400	U	0.00400	U	0.00400	U
Endosulfan II	33213-65-9	~	0.00400	U	0.00400	U	0.00400	U
Endosulfan sulfate	1031-07-8	~	0.00400	U	0.00400	U	0.00400	U
Endrin	72-20-8	~	0.00400	U	0.00400	U	0.00400	U
Endrin aldehyde	7421-93-4	5	0.0100	U	0.0100	U	0.0100	U
Endrin ketone	53494-70-5	5	0.0100	U	0.0100	U	0.0100	U
gamma-BHC (Lindane)	58-89-9	0.05	0.00400	U	0.00400	U	0.00400	U
gamma-Chlordane	5566-34-7	~	0.0100	U	0.0100	U	0.0100	U
Heptachlor	76-44-8	0.04	0.00400	U	0.00400	U	0.00400	U
Heptachlor epoxide	1024-57-3	0.03	0.00400	U	0.00400	U	0.00400	U
Methoxychlor	72-43-5	35	0.00400	U	0.00400	U	0.00400	U
Toxaphene	8001-35-2	0.06	0.100	U	0.100	U	0.100	U
Polychlorinated Biphenyls (PCB)		ug/L	ug/L		ug/L		ug/L	
Dilution Factor			1		1		1	
Aroclor 1016	12674-11-2	~	**0.135**		**0.133**		**0.102**	
Aroclor 1221	11104-28-2	~	0.0500	U	0.0500	U	0.0500	U
Aroclor 1232	11141-16-5	~	0.0500	U	0.0500	U	0.0500	U
Aroclor 1242	53469-21-9	~	0.0500	U	0.0500	U	0.0500	U
Aroclor 1248	12672-29-6	~	0.0500	U	0.0500	U	0.0500	U
Aroclor 1254	11097-69-1	~	0.0500	U	0.0500	U	0.0500	U
Aroclor 1260	11096-82-5	~	0.0500	U	0.0500	U	0.0500	U
Total PCBs	1336-36-3	0.09	**0.135**		**0.133**		**0.102**	

Highlighted values signify detection above guidance value
Bold values signify detection above method detection limit
Q is the Qualifier Column with definitions as follows:
U=analyte not detected at or above the level indicated
~=this indicates that no regulatory limit has been established for this analyte

Table 8

Metals in Water (ug/L)
EPA Method 8081/8082
148-28 Hillside Avenue
Jamaica, NY 11435

ACT Project No.: 8346-JANY

Sample ID Sampling Date	NYSDEC TOGS Standards and Guidance Values - GA	TW-1 12/2/16		TW-2 12/2/16		TW-3 12/2/16	
Compound		Result	Q	Result	Q	Result	Q
Metals, Total	ug/L	ug/L		ug/L		ug/L	
Dilution Factor		1		1		1	
Arsenic	25	4	U	4	U	4	U
Barium	1,000	**591**		**176**		**294**	
Cadmium	5	3	U	3	U	3	U
Chromium	50	**165**		**63**		**113**	
Lead	25	**21**		**12**		**16**	
Selenium	10	11	U	11	U	11	U
Silver	50	6	U	6	U	6	U
Mercury by 7473, Dissolved	ug/L	ug/L		ug/L		ug/L	
Dilution Factor		1		1		1	
Mercury	0.7	0.20	U	0.20	U	0.20	U
Metals, Dissolved	ug/L	ug/L		ug/L		ug/L	
Dilution Factor		1		1		1	
Arsenic	25	**5**		4	U	4	U
Barium	1,000	**108**		**19**		**53**	
Cadmium	5	3	U	3	U	3	U
Chromium	50	6	U	6	U	6	U
Lead	25	3	U	3	U	3	U
Selenium	10	11	U	11	U	11	U
Silver	50	6	U	6	U	6	U
Mercury by 7473, Dissolved	ug/L	ug/L		ug/L		ug/L	
Dilution Factor		1		1		1	
Mercury	0.7	0.20	U	0.20	U	0.20	U

Highlighted values signify detection above guidance value
Bold values signify detection above method detection limit
Q is the Qualifier Column with definitions as follows:
U=analyte not detected at or above the level indicated
~=this indicates that no regulatory limit has been established for this analyte

Table 9

Volatile Organic Compounds in Soil Vapor (ug/m3)
148-28 Hillside Avenue
Jamaica, NY 11435

Sample ID		SS-1		SS-2		SS-3		SV-4		SV-5		SV-6		SV-7	
York ID		15F1017-01		15F1017-02		15F1017-03		15F1017-04		15F1017-05		15F1017-06		16K0896-01	
Sampling Date		6/25/15		6/25/15		6/25/15		6/25/15		6/25/15		6/25/15		11/21/16	
Client Matrix		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor	
Compound	CAS Number	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, EPA TO15 Full List		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3	
Dilution Factor		24		24.59		20.16		24.59		20.57		25.85		22.11	
1,1,1,2-Tetrachloroethane	630-20-6	16	U	17	U	14	U	17	U	14	U	18	U	15	U
1,1,1-Trichloroethane	71-55-6	13	U	13	U	**24**	D	13	U	11	U	14	U	12	U
1,1,2,2-Tetrachloroethane	79-34-5	16	U	17	U	14	U	17	U	14	U	18	U	15	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	18	U	19	U	15	U	19	U	16	U	20	U	17	U
1,1,2-Trichloroethane	79-00-5	13	U	13	U	11	U	13	U	11	U	14	U	12	U
1,1-Dichloroethane	75-34-3	9.700	U	10	U	8.200	U	10	U	8.300	U	10	U	8.900	U
1,1-Dichloroethylene	75-35-4	9.500	U	9.700	U	8	U	9.700	U	8.200	U	10	U	8.800	U
1,2,4-Trichlorobenzene	120-82-1	18	U	18	U	15	U	18	U	15	U	19	U	16	U
1,2,4-Trimethylbenzene	95-63-6	**50**	D	**41**	D	**45**	D	**50**	D	**31**	D	**30**	D	11	U
1,2,4-Trimethylbenzene	95-63-6	**50**	D	**41**	D	**45**	D	**50**	D	**31**	D	**30**	D	11	U
1,2-Dibromoethane	106-93-4	18	U	19	U	15	U	19	U	16	U	20	U	17	U
1,2-Dibromoethane	106-93-4	18	U	19	U	15	U	19	U	16	U	20	U	17	U
1,2-Dichlorobenzene	95-50-1	14	U	15	U	12	U	15	U	12	U	16	U	13	U
1,2-Dichloroethane	107-06-2	9.700	U	10	U	8.200	U	10	U	8.300	U	10	U	8.900	U
1,2-Dichloroethane	107-06-2	9.700	U	10	U	8.200	U	10	U	8.300	U	10	U	8.900	U
1,2-Dichloropropane	78-87-5	11	U	11	U	9.300	U	11	U	9.500	U	12	U	10	U
1,2-Dichloropropane	78-87-5	11	U	11	U	9.300	U	11	U	9.500	U	12	U	10	U
1,2-Dichlorotetrafluoroethane	76-14-2	17	U	17	U	14	U	17	U	14	U	18	U	15	U
1,3,5-Trimethylbenzene	108-67-8	**15**	D	**12**	D	**14**	D	**13**	D	10	U	13	U	11	U
1,3-Butadiene	106-99-0	10	U	11	U	8.700	U	11	U	8.900	U	11	U	15	U
1,3-Butadiene	106-99-0	10	U	11	U	8.700	U	11	U	8.900	U	11	U	15	U
1,3-Dichlorobenzene	541-73-1	14	U	15	U	12	U	15	U	12	U	16	U	13	U
1,3-Dichloropropane	142-28-9	11	U	11	U	9.300	U	11	U	9.500	U	12	U	10	U
1,4-Dichlorobenzene	106-46-7	14	U	15	U	12	U	15	U	12	U	16	U	13	U
1,4-Dioxane	123-91-1	8.600	U	8.900	U	7.300	U	8.900	U	7.400	U	9.300	U	16	U
2-Butanone	78-93-3	**1,000**	BD	**1,100**	BD	**820**	BD	**62**	BD	**130**	BD	**100**	BD	6.500	U
2-Hexanone	591-78-6	190	D	**140**	D	**110**	D	20	U	17	U	21	U	18	U
3-Chloropropene	107-05-1	7.500	U	7.700	U	6.300	U	7.700	U	6.400	U	8.100	U	35	U
4-Methyl-2-pentanone	108-10-1	9.800	U	10	U	8.300	U	10	U	8.400	U	11	U	9.100	U
Acetone	67-64-1	**390**	BD	**400**	BD	**290**	BD	**430**	BD	**380**	BD	**310**	BD	**21**	D
Acetone	67-64-1	**390**	BD	**400**	BD	**290**	BD	**430**	BD	**380**	BD	**310**	BD	**21**	D
Acrylonitrile	107-13-1	5.200	U	5.300	U	4.400	U	5.300	U	4.500	U	5.600	U	4.800	U
Benzene	71-43-2	**14**	D	**17**	D	**7.700**	D	7.900	U	6.600	U	**12**	D	7.100	U
Benzyl chloride	100-44-7	12	U	13	U	10	U	13	U	11	U	13	U	11	U
Bromodichloromethane	75-27-4	15	U	15	U	13	U	15	U	13	U	16	U	15	U
Bromodichloromethane	75-27-4	15	U	15	U	13	U	15	U	13	U	16	U	15	U
Bromoform	75-25-2	25	U	25	U	21	U	25	U	21	U	27	U	23	U
Bromoform	75-25-2	25	U	25	U	21	U	25	U	21	U	27	U	23	U
Bromomethane	74-83-9	9.300	U	9.500	U	7.800	U	9.500	U	8	U	10	U	8.600	U
Carbon disulfide	75-15-0	**7.500**	D	**23**	D	6.300	U	7.700	U	**19**	D	8	U	6.900	U
Carbon tetrachloride	56-23-5	3.800	U	3.900	U	3.200	U	3.900	U	3.200	U	4.100	U	3.500	U
Chlorobenzene	108-90-7	11	U	11	U	9.300	U	11	U	9.500	U	12	U	10	U
Chloroethane	75-00-3	6.300	U	6.500	U	5.300	U	6.500	U	5.400	U	6.800	U	5.800	U
Chloroethane	75-00-3	6.300	U	6.500	U	5.300	U	6.500	U	5.400	U	6.800	U	5.800	U
Chloroform	67-66-3	12	U	12	U	**12**	D	12	U	**31**	D	13	U	11	U
Chloromethane	74-87-3	5	U	5.100	U	4.200	U	5.100	U	4.200	U	5.300	U	4.600	U
cis-1,2-Dichloroethylene	156-59-2	9.500	U	9.700	U	8	U	9.700	U	8.200	U	10	U	8.800	U
cis-1,3-Dichloropropylene	10061-01-5	11	U	11	U	9.100	U	11	U	9.300	U	12	U	10	U
Cyclohexane	110-82-7	**9.900**	D	**52**	D	6.900	U	8.500	U	**210**	D	8.900	U	7.600	U
Dibromochloromethane	124-48-1	19	U	20	U	16	U	20	U	17	U	21	U	19	U
Dibromochloromethane	124-48-1	19	U	20	U	16	U	20	U	17	U	21	U	19	U
Dichlorodifluoromethane	75-71-8	12	U	12	U	10	U	12	U	10	U	13	U	11	U
Ethyl acetate	141-78-6	17	U	18	U	15	U	18	U	15	U	19	U	16	U
Ethyl Benzene	100-41-4	**27**	D	**23**	D	**21**	D	**13**	D	**19**	D	**13**	D	9.600	U
Hexachlorobutadiene	87-68-3	26	U	26	U	22	U	26	U	22	U	28	U	24	U
Isopropanol	67-63-0	**17**	D	12	U	**19**	D	12	U	**16**	D	13	U	11	U
Methyl Methacrylate	80-62-6	9.800	U	10	U	8.300	U	10	U	8.400	U	11	U	9.100	U
Methyl tert-butyl ether (MTBE)	1634-04-4	8.600	U	8.900	U	**7.300**	D	8.900	U	7.400	U	9.300	U	8	U
Methyl tert-butyl ether (MTBE)	1634-04-4	8.600	U	8.900	U	**7.300**	D	8.900	U	7.400	U	9.300	U	8	U
Methylene chloride	75-09-2	17	U	17	U	14	U	17	U	14	U	18	U	15	U
n-Heptane	142-82-5	**27**	D	**76**	D	**18**	D	10	U	**370**	D	**11**	D	9.100	U
n-Hexane	110-54-3	**24**	D	**120**	D	**14**	D	8.700	U	**450**	D	**12**	D	7.800	U
o-Xylene	95-47-6	**48**	D	**41**	D	**39**	D	**21**	D	**26**	D	**21**	D	9.600	U
o-Xylene	95-47-6	**48**	D	**41**	D	**39**	D	**21**	D	**26**	D	**21**	D	9.600	U
p- & m- Xylenes	179601-23-1	**110**	D	**94**	D	**88**	D	**54**	D	**67**	D	**56**	D	19	U
p- & m- Xylenes	179601-23-1	**110**	D	**94**	D	**88**	D	**54**	D	**67**	D	**56**	D	19	U
p-Ethyltoluene	622-96-8	**41**	D	**33**	D	**35**	D	**27**	D	**24**	D	**23**	D	11	U
Propylene	115-07-1	4.100	U	4.200	U	3.500	U	4.200	U	3.500	U	4.400	U	3.800	U
Styrene	100-42-5	10	U	10	U	8.600	U	10	U	8.800	U	11	U	9.400	U
Tetrachloroethylene	127-18-4	**50**	D	**180**	D	**2,700**	D	**1,900**	D	**300**	D	**72**	D	10	D
Tetrahydrofuran	109-99-9	**110**	BD	**96**	BD	**120**	BD	**73**	J	61	U	**76**	J	13	U
Tetrahydrofuran	109-99-9	**110**	BD	**96**	BD	**120**	BD	**73**	J	61	U	**76**	J	13	U
Toluene	108-88-3	**100**	D	**110**	D	**76**	D	**39**	D	**120**	D	**44**	D	8.300	U
trans-1,2-Dichloroethylene	156-60-5	9.500	U	9.700	U	8	U	9.700	U	8.200	U	10	U	8.800	U
trans-1,3-Dichloropropylene	10061-02-6	11	U	11	U	9.100	U	11	U	9.300	U	12	U	10	U
Trichloroethylene	79-01-6	3.200	U	3.300	U	**55**	D	3.300	U	2.800	U	3.500	U	3	U
Trichlorofluoromethane (Freon 11)	75-69-4	13	U	14	U	11	U	14	U	12	U	15	U	12	U
Vinyl acetate	108-05-4	8.500	U	8.700	U	7.100	U	8.700	U	7.200	U	9.100	U	7.800	U
Vinyl bromide	593-60-2	10	U	11	U	8.800	U	11	U	9	U	11	U	9.700	U
Vinyl Chloride	75-01-4	1.500	U	1.600	U	1.300	U	1.600	U	1.300	U	1.700	U	5.700	U

NOTES:

Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Advanced Cleanup Technologies, Inc.

ENVIRONMENTAL CONSULTANTS

BCP APPLICATION ATTACHMENTS

148-28 Hillside Avenue
Jamaica, NY 11367

ACT Project #: 8346-JANY

January 3, 2021

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.
200 Broadhollow Road-Suite 207
Melville, New York 11747

APPENDICES

Figures

APPENDIX A

Supplemental Responses to BCP Application

Section II: Project Description

Question 3:

The proposed project plans to investigate and remediate the subsurface soil, soil vapor, and groundwater beneath the vacant dirt lot in conjunction with construction of the onsite buildings and parking area. The project cost is estimated to be $200,000. The expected date of remedial start is January 1, 2022. The expected date of completion is January 1, 2023.

Section III: Property's Environmental History

Question 1 - Reports:

- Phase I Environmental Site Assessment (Phase I ESA) by Advanced Cleanup Technologies, Inc. (ACT) dated January 14, 2015
- OER Remedial Investigation Report by ACT date October 2016
- OER Redial Action Work Plan by ACT dated February 2017
- Phase II Subsurface Investigation by ACT dated April 19, 2017

Question 2 – Sampling Data:

Contaminant Category	Soil	Groundwater	Soil Gas
Petroleum			Benzene 17 ug/m3 Ebenzene 27 ug/m3
Chlorinated Solvents	PCE 11 mg/kg	Chloroform 14 ug/l	PCE 2700 ug/m3 TCE 55 ug/m3
Other VOCs			
SVOCs	Benzo(a)Anth 1.55 mg/kg Chrysene 1.56 mg/kg	Bis(2-ethylhexyl)phth 11 ug/l	
Metals	PB 1100 mg/kg Se 7.18 mg/kg		
Pesticides	4,4'-DDT 5.06 mg/kg		
PCBs		PCBs 0.135 ug/l	
Other			

Tables for soil, groundwater, and soil vapor quality are attached

Question 3 - Site Sampling Drawings:

- Soil Diagram - See Figure 1. All listed measurements exceed standards.
- Soil Gas Diagram – See Figure 2. All listed measurements exceed standards.
- Groundwater Diagram- See Figure 3. All listed measurements exceed standards.

Section IV: Property Information

Question 10

- **Location:** The Site is located at 148-26 Hillside Avenue in the central portion of the borough of Queens in New York City and is identified as Block 9694 and Lot 17 on the New York City Tax Map. 148-26 Hillside Avenue site is located in an urban area of central Queens. The Site is bounded by Hillside Avenue to the north followed by a two-story mixed-use building with apartments above commercial businesses. To the east of the property is a one-story commercial building occupied by a supermarket. To the south, a six-story residential apartment building and a two-story religious building are located. To the west is a two-story commercial building occupied by the National Organization of Industrial Trade Unions. The area in the vicinity of the Site is composed predominantly of residential, commercial and mixed-use buildings.

- **Site Features:** The site contains a vacant uncovered lot.

- Current Zoning: The site is zoned in a R7A district with a C2-3 commercial overlay

- Land Use: The current land use is inactive. The surrounding parcels are currently used for a combination of commercial and residential uses.

- Past Use: According to Sanborn maps, as of 1888, the Site contained a three-story residential building. By 1925, a one-story filling station with gasoline tanks had also been constructed. By 1942, the three-story building was identified as mixed-use, and it was demolished by 1963. By 1967, the gasoline tanks were no longer identified, and by 1992 the building was identified as an auto repair shop. The property remained substantially unchanged through 2006.
- According to the July 14, 2015 Phase I Environmental Site Assessment prepared by ACT, five abandoned 550-gallon gasoline underground storage tanks were present in front of the building. Evidence of an inactive 250-gallon waste oil underground storage tank was observed in the interior of the repair shop. According to the site contact, six underground storage tanks were removed from the property approximately 25 years ago. The GPR survey detected disturbed soil that likely was the former location of removed underground storage tanks.
- Auto repair shop activities terminated prior to the time of sale to the current owner on 10/14/15. All auto shop solvents and chemicals were removed from the property. There have been no active tenants or business operations since 10/14/15.

- A remedial investigation of the site for the OER VCP program was performed in October 2016. The site entered into the OER VCP in April of 2018 with NYC Voluntary Cleanup Program Project Number: 17CVCP044Q. The RAWP and stipulation were approved by OER on May 1, 2018, and the site received a notice to proceed on May 1, 2018.
- The consent order CO2-20190905-412 was executed on April 24, 2020 to undertake a site characterization to delineate the PCE host spot.

Site Geology and Hydrogeology:

Stratigraphy:

The stratigraphy beneath the Site is composed of the Upper Glacial aquifer from the ground surface to approximately 95 feet bgs and is composed of sand as the dominant fraction, along with varying amounts of gravel, silt and clay. Beneath the Upper Glacial aquifer is the Raritan confining unit, predominantly composed of low permeable clay with few sand layers, which extends to a depth of approximately 270 feet bgs. The Lloyd aquifer is encountered beneath the Raritan confining unit and is composed of poorly to moderate permeability sand and gravel in a clayey matrix, which extends to the top of bedrock at 400 feet bgs that consists of crystalline metamorphic or igneous lithology in the vicinity of the Site.

During the previous investigation, soil samples collected from borings installed up to 15 feet bgs generally consisted of up to 3.5 feet of fill material underlain by stratified silt and clay followed by poorly graded sand to the terminal extent of investigation of 15 feet bgs.

Hydrogeology:

The Site is located approximately 1.6 miles southeast of Willow Lake and 3.1 miles northeast of the Bergen Basin. The vicinity of the Site is approximately 67 feet above mean sea level. The topography of the area slopes to the south. The inferred regional groundwater gradient in the vicinity of the site is expected to flow to the south towards Jamaica Bay. Groundwater was encountered during the previous investigation at approximately 48 ft bgs.

Environmental Assessment:

Based upon investigations conducted to date, the primary contaminants of concern for the site is tetrachloroethylene (PCE).

The results of the OER Remedial Investigation indicated the following:

Soil:

- PCE was detected above its Unrestricted Use Soil Cleanup Objectives (UUSCOs) in one shallow soil sample (SB-9, 11 mg/Kg @ 0-2 ft) beneath the eastern portion of the former building. A soil sample collected from SB-9 at the 10-12 foot depth did not contain PCE above its laboratory method detection limit. No other VOCs except Acetone were detected in soil above their UUSCOs during the Remedial Investigation;
- Shallow soil also contained two SVOCs (Benzo(a)anthracene, 1.55 mg/kg and Chrysene, 1.56 mg/kg), one pesticide (4,4'-DDT, 5.06 mg/kg), and four metals (Lead, max. 1,100

mg/Kg, Selenium, max. 7.18 mg/Kg, Chromium, max. 31.2 mg/Kg, and Mercury, max. 0.217 mg/Kg) above SCOs;
- With the exception of PCE, shallow soil chemistry beneath the Site is consistent with historical urban fill material in New York City.

Groundwater:
- One VOC, Chloroform was detected in two groundwater samples (max. 14 µg/L) above its GQS of 7 µg/L;
- One SVOC, Bis(2-ethylhexyl)phthalate was detected in one groundwater sample (11 µg/L) above its GQS of 5 µg/L. PCBs were detected in the three groundwater samples (max. 0.135 µg/L) above its GQS of 0.09 µg/L

Soil Vapor:
- PCE was detected in all six soil vapor samples with a maximum concentration of 2,700 $\mu g/m^3$ in SS-3 beneath the eastern portion of the Site. Trichloroethylene was also detected in SS-3 @ 55 $\mu g/m^3$.

- **See the following attached maps:**
  - Property Base Map (Appendix F)
  - County Tax Map with identifier numbers (Appendix G)
  - USGS 7.5 Minute Quad Map (Appendix H)

Section VI: Current and Historical Property Owner/Operator Information

Ownership of 148-26 Hillside Avenue is by Hillside 168 Inc.

A printout of the deed cover page and LLC information from Department of State website is contained in Appendix I.

Previous Property Owners:

Owner	Dates of Ownership	Last Known Address	Relationship to Requestor	Telephone numbers
Sylvia K. Nudell	Unknown – 9/27/68	148-03 88th Avenue Jamaica, Queens, New York	None	N/A
A & D Homes	9/27/68 – Unknown	12 Crescent Drive Searington, Long Island	None	N/A

Jarkon Realty Co	3/22/84 – 10/14/15	148-26 Hillside Ave, Jamaica, New York	None	N/A
Sally Omar	Unknown – 5/30/2013	628 Meadow Park, Kings Park, NY 11754	None	N/A
Susan Ekerling-Koon	Unknown	7258 Bergen Court, Brooklyn, NY 11234	None	N/A
Zalman Ekerling	Unknown - 08/27/2013	2852 Cambridge Lane, Cooper City, FL 33026	None	N/A
Mark Ekerling	01/30/2014 - Unknown	24 East 73rd Street, Brooklyn, NY 11234	None	N/A
Robert Familant	Unknown-10/14/2015	425 Mountain Avenue, Ridgewood, NJ 07450	None	N/A
Hillside 168 Inc.	10/14/15– Present	4630 Kissena Blvd, Flushing, NY, United States, 11355	Represented by requestor	N/A

Previous Operators of the Property:

Year	Occupants
1922	Unlisted.
1934	National Diners and Sunrise Luncheonette & Bar.
1939	Crescent Auto Supply Corp.
1945	Crescent Auto Service and Empire Diner.
1950	Unlisted.
1962	Crescent Auto Service.
1967	Crescent Auto Service.
1970	Arm Auto Service Inc.

1976	Arm Auto Service Inc.
1983	Arm Auto Service Inc.
1991	Angel Auto Towing and Arm Auto Service Inc.
1996	Unlisted.
2000	Unlisted.
2005	Arm Auto Service Inc. and Always Fast Towing.
2008	Arm Auto Service Inc.
2013	Arm Auto Service Inc.

Section VII: Requestor Eligibility Information

2. The consent order CO2-20190905-412 was executed on April 24, 2020. "Respondent and the Department agree that the primary goal of this Order is for Respondent to underta.ke a Site Characterization at the Site." According to ECL 27-1407 this consent order is not an "enforcement action related to the contamination which is at or emanating from the site subject to the present application." As a result, the consent order does not bar the applicant from entering the BCP.

Volunteer:
Prior to acquisition, the property was identified as an auto repair shop. Prior to the time of sale to the current owner on 10/14/15, all auto repair shop activities terminated. Prior to closing, the seller vacated the premises of all above ground tanks and barrels that may have been in place during their occupancy and ownership. There have been no active tenants or business operations since 10/14/15. The applicant performed a remedial investigation and entered into the OER VCP immediately after taking ownership of the Site.

Section IX: Contact List Information

Martha Taylor, Chairperson
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

Donavan Richards Jr, Queens Borough President Queens Borough Hall
120-55 Queens Blvd
Kew Gardens, NY 11424
Jamie MAule, Borough Director
New York City Department of City Planning - Queens Borough Office
120-55 Queens Blvd., 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:

Property Owner	Tenant
NOITU ORGANIZATION B 148-06 HILLSIDE AVENUE, QUEENS 11435	Owner (Union)
JULE REALITY 148-40 HILLSIDE AVENUE, QUEENS 11435	Ideal Food Basket (supermarket)
AMBASSADOR APTS INC 148-25 88 AVENUE, QUEENS 11435	Owner (Residence)
JAMAICA SPANISH CNGRG 148-11 88 AVENUE, QUEENS 11435	Church (Religious Organization)
RAJ EQUITIES INC 148-09 88 AVENUE, QUEENS 11435	Residence

Local Schools:

- P.S. 82Q The Hammond School
  88-02 144th St
  Jamaica, NY 11435
  Principal: Grisel Rodriguez
  Email: grodriguez@ps82q.org

Phone: (718) 526-4139

- P.S 182Q Samantha Smith School
  153-27 88th Ave
  Jamaica, NY 11432
  Principal: Andrew Topol
  Email: N/A
  Phone: 718-523-8941

- Young Women's Leadership School, Queens
  150-91 87th Rd
  Jamaica, NY 11432
  Principal: Mala Panday
  Email: mpanday@tywlsqueens.org
  Phone: (718) 725-0402

- Theresa Paplin school
  85-70 148th St
  Jamaica, NY 11435
  Principal: Shante Spivey
  Email: N/A
  Phone: (718) 658-8180

Local Newspaper:

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

Local Libraries/Repositories:

- Queens Public Library at Richmond Hill
18-14 Hillside Avenue, Queens, NY 11418

- Queens Community Board 12 Office
9028 161 St, Jamaica, NY 11432

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 X: Land Use Factors

Question 2:

- The property is currently vacant and business operations terminated when the property was purchased on 10/14/15.

Question 3:

- The property will be developed into an affordable housing building. The proposed future redevelopment of the Site consists of a 9-story mixed-use building. There is a cellar, which will accommodate 37 parking spaces, utility rooms, refuse room and two elevators along the northern boundary of the building. The first floor will have two commercial units, 14 parking spaces at grade and a ramp to access the 37 parking spaces in the cellar. Floors 2 through 9 will consist of 52 one-bedroom, 24 two-bedroom and 4 two-bedroom duplex units. The proposed building will consist of a full build out of the lot, which will be approximately 17,450 square feet in the cellar. The excavation depth at the property will be approximately 13 feet bgs.

Question 5:

- The proposed future redevelopment of the Site consists of a 9-story mixed-use building. This is consistent with the R7A zoning and C2-3 commercial overlay

Question 6:

On September 10, 2007 the City Council adopted a proposal by the Department of City Planning (DCP) to establish a Special Downtown Jamaica District and rezone 368 blocks in community boards 12 and 8. DCP, the Department of Housing Preservation and Development (HPD) and the Economic Development Corporation (EDC), working with a wide range of stakeholders, including Community Boards 8 and 12, neighborhood residents and local elected officials, developed a comprehensive planning and rezoning strategy to replace outdated zoning that does not adequately address Jamaica's current and future housing and economic needs.

The property will be developed into a mixed-used affordable housing building. This use aligns with the 2007 Jamaica plan goals

- "Throughout Downtown Jamaica and along Hillside Avenue, the Inclusionary Housing Program would promote permanently affordable housing."
- "Provide for a mix of residential, business and community activities in the heart of the downtown".

Recognized Environmental Conditions: Contaminated soil and soil gas.

Tables

Table 1

Volatile Organic Compounds in Soil (mg/kg)

EPA Method: 8260

148-28 Hillside Avenue, Jamaica, NY 11435

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential	SB-1 (0-2') 15K0797-01 11/18/15 Soil		SB-1(13'-15') 15F1016-01 6/24/15 Soil		SB-3 (0-2') 15K0797-02 11/18/15 Soil		SB-3(13'-15') 15F1016-03 6/24/15 Soil		SB-4(13'-15') 15F1016-04 6/25/15 Soil		SB-5 (0-2') 15K0797-03 11/18/15 Soil		SB-5(13'-15') 15F1016-05 6/24/15 Soil		SB-6 (0-2') 15K0797-04 11/18/15 Soil		SB-6(0-2') 15F1016-06 6/24/15 Soil		SB-9 (0-2') 15K0797-09 11/19/15 Soil		SB-9 (10-12') 15K0797-10 11/19/15 Soil		SB-10 (0-2') 15K0797-11 11/19/15 Soil		SB-10(10-12) 15K0797-12 11/19/15 Soil		SB-1A (4-6') 17B0945-06 2/24/17 Soil		SB-1A(6-8') 17B0945-07 2/24/17 Soil	
Compound	**CAS Number**	mg/Kg	mg/Kg	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, NJDEP/TCL/Part 375 List		mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor				1		1		1		1		1		1		1		1		1		100		1		1		1		1		1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
1,1,1-Trichloroethane	71-55-6	0.68	100	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
1,1,2,2-Tetrachloroethane	79-34-5	~	~	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
1,1,2-Trichloroethane	79-00-5	~	~	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
1,1-Dichloroethane	75-34-3	0.27	19	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
1,1-Dichloroethylene	75-35-4	0.33	100	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
1,2,3-Trichlorobenzene	87-61-6	~	~	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
1,2,3-Trichloropropane	96-18-4	~	~	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
1,2,4-Trichlorobenzene	120-82-1	~	~	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
1,2,4-Trimethylbenzene	95-63-6	3.6	47	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	**0.087**		0.0027	U	0.0026	U	0.0025	U				
1,2-Dibromo-3-chloropropane	96-12-8	~	~	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
1,2-Dibromoethane	106-93-4	~	~	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
1,2-Dichlorobenzene	95-50-1	1.1	100	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	**0.036**	B	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
1,2-Dichloroethane	107-06-2	0.02	2.3	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
1,2-Dichloropropane	78-87-5	~	~	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
1,3,5-Trimethylbenzene	108-67-8	8.4	47	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	**0.014**		0.0027	U	0.0026	U	0.0025	U				
1,3-Dichlorobenzene	541-73-1	2.4	17	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
1,4-Dichlorobenzene	106-46-7	1.8	9.8	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
1,4-Dioxane	123-91-1	0.1	9.8	0.053	U	0.041	U	0.061	U	0.05	U	0.044	U	0.039	U	0.056	U	0.053	U	0.049	U	0.076	U	0.061	U	0.063	U	0.053	U	0.052	U	0.051	U				
2-Butanone	78-93-3	0.12	100	0.0026	U	**0.0035**	J	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	**0.025**		**0.0092**		0.0026	U	0.0025	U				
2-Hexanone	591-78-6	~	~	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
4-Methyl-2-pentanone	108-10-1	~	~	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
Acetone	67-64-1	0.05	100	**0.011**		**0.018**		**0.011**	J	0.005	U	0.0044	U	**0.0073**	J	0.0056	U	**0.0074**	J	0.0049	U	**0.021**		**0.0089**	J	**0.11**		**0.013**		0.0052	U	0.0051	U				
Acrolein	107-02-8	~	~	0.0053	U	0.0041	U	0.0061	U	0.005	U	0.0044	U	0.0039	U	0.0056	U	0.0053	U	0.0049	U	0.0076	U	0.0061	U	0.0063	U	0.0053	U	0.0052	U	0.0051	U				
Acrylonitrile	107-13-1	~	~	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
Benzene	71-43-2	0.06	2.9	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
Bromochloromethane	74-97-5	~	~	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
Bromodichloromethane	75-27-4	~	~	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
Bromoform	75-25-2	~	~	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
Bromomethane	74-83-9	~	~	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
Carbon disulfide	75-15-0	~	~	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
Carbon tetrachloride	56-23-5	0.76	1.4	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
Chlorobenzene	108-90-7	1.1	100	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
Chloroethane	75-00-3	~	~	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
Chloroform	67-66-3	0.37	10	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
Chloromethane	74-87-3	~	~	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
cis-1,2-Dichloroethylene	156-59-2	0.25	59	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
cis-1,3-Dichloropropylene	10061-01-5	~	~	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
Cyclohexane	110-82-7	~	~	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
Dibromochloromethane	124-48-1	~	~	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
Dibromomethane	74-95-3	~	~	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
Dichlorodifluoromethane	75-71-8	~	~	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
Ethyl Benzene	100-41-4	1	30	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	**0.0054**	J	0.0027	U	0.0026	U	0.0025	U				
Hexachlorobutadiene	87-68-3	~	~	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
Isopropylbenzene	98-82-8	~	~	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	**0.0057**	J	0.0027	U	0.0026	U	0.0025	U				
Methyl acetate	79-20-9	~	~	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	62	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
Methylcyclohexane	108-87-2	~	~	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
Methylene chloride	75-09-2	0.05	51	0.0053	U	0.0041	U	0.0061	U	0.005	U	0.0044	U	0.0039	U	0.0056	U	0.0053	U	0.0049	U	0.0076	U	0.0061	U	0.0063	U	0.0053	U	0.0052	U	0.0051	U				
n-Butylbenzene	104-51-8	12	100	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
n-Propylbenzene	103-65-1	3.9	100	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	**0.0091**		0.0027	U	0.0026	U	0.0025	U				
o-Xylene	95-47-6	~	~	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	**0.015**		0.0027	U	0.0026	U	0.0025	U				
p- & m- Xylenes	179601-23-1	~	~	0.0053	U	0.0041	U	0.0061	U	0.005	U	0.0044	U	0.0039	U	0.0056	U	0.0053	U	0.0049	U	0.0076	U	0.0061	U	**0.011**	J	0.0053	U	0.0052	U	0.0051	U				
p-Isopropyltoluene	99-87-6	~	~	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	**0.02**		0.0027	U	0.0026	U	0.0025	U				
sec-Butylbenzene	135-98-8	11	100	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	**0.015**		0.0027	U	0.0026	U	0.0025	U				
Styrene	100-42-5	~	~	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
tert-Butyl alcohol (TBA)	75-65-0	~	~	0.0053	U	0.0021	U	0.0061	U	0.0025	U	0.0022	U	0.0039	U	0.0028	U	0.0053	U	0.0025	U	0.0038	U	0.0031	U	0.0063	U	0.0027	U	0.0026	U	0.0025	U				
tert-Butylbenzene	98-06-6	5.9	100	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	**0.015**		0.0027	U	0.0026	U	0.0025	U				
Tetrachloroethylene	127-18-4	1.3	5.5	**0.0058**		0.0021	U	0.003	U	0.0025	U	0.0022	U	**0.033**		0.0028	U	0.0026	U	0.0025	U	**11**	D	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
Toluene	108-88-3	0.7	100	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	**0.01**		0.0027	U	0.0026	U	0.0025	U				
trans-1,2-Dichloroethylene	156-60-5	0.19	100	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
trans-1,3-Dichloropropylene	10061-02-6	~	~	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
Trichloroethylene	79-01-6	0.47	10	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	**0.004**	J	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
Trichlorofluoromethane	75-69-4	~	~	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
Vinyl Chloride	75-01-4	0.02	0.21	0.0026	U	0.0021	U	0.003	U	0.0025	U	0.0022	U	0.002	U	0.0028	U	0.0026	U	0.0025	U	0.0038	U	0.0031	U	0.0032	U	0.0027	U	0.0026	U	0.0025	U				
Xylenes, Total	1330-20-7	1.6	100	0.0079	U	0.0062	U	0.0091	U	0.0075	U	0.0066	U	0.0059	U	0.0084	U	0.0079	U	0.0074	U	0.011	U	0.0092	U	**0.027**		0.008	U	0.0079	U	0.0076	U				

NOTES:

Any Regulatory Exceedences are color coded by Regulation

Highlight Legend:

Yellow - exceedance in NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW

Orange - exceedance in NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential

Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution

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

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

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

P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis

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

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

Table 1 (continued)

Volatile Organic Compounds in Soil (mg/kg)

EPA Method: 8260

148-28 Hillside Avenue, Jamaica, NY 11435

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential	SB-2A (4-6') 17D0698-01 4/18/17 Soil		SB-2A (6-8') 17D0698-02 4/18/17 Soil		SB-3A (4-6') 17D0698-03 4/18/17 Soil		SB-3A (6-8') 17D0698-04 4/18/17 Soil		SB-4A (4-6') 17B0945-04 2/24/17 Soil		SB-4A (6-8') 17B0945-05 2/24/17 Soil		SB-7A (0-2') 15K0797-05 11/18/15 Soil		SB-8A (0-2') 15K0797-07 11/18/15 Soil		SB-2B(13'-15') 15F1016-02 6/25/15 Soil		SB-7B (10-12') 15K0797-06 11/18/15 Soil		SB-8B (10-12') 15K0797-08 11/18/15 Soil		SB-2 (4-6') 17D0698-01 4/18/17 Soil		SB-2 (6-8') 17D0698-02 4/18/17 Soil		SB-3 (4-6') 17D0698-03 4/18/17 Soil		SB-3 (6-8') 17D0698-04 4/18/17 Soil	
Compound	**CAS Number**	mg/Kg	mg/Kg	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, NJDEP/TCL/Part 375 List		mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor				1		1		1		1		1		1		1		1		1		1		1		1		1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
1,1,1-Trichloroethane	71-55-6	0.68	100	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
1,1,2-Trichloroethane	79-00-5	~	~	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
1,1-Dichloroethane	75-34-3	0.27	19	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
1,1-Dichloroethylene	75-35-4	0.33	100	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
1,2,3-Trichlorobenzene	87-61-6	~	~	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
1,2,3-Trichloropropane	96-18-4	~	~	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
1,2,4-Trichlorobenzene	120-82-1	~	~	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
1,2,4-Trimethylbenzene	95-63-6	3.6	47	0.0031	U	0.0028	U	0.0028	U	0.0026	U	**0.0041**	J	**0.0035**	J	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
1,2-Dibromoethane	106-93-4	~	~	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
1,2-Dichlorobenzene	95-50-1	1.1	100	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
1,2-Dichloroethane	107-06-2	0.02	2.3	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
1,2-Dichloropropane	78-87-5	~	~	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
1,3,5-Trimethylbenzene	108-67-8	8.4	47	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
1,3-Dichlorobenzene	541-73-1	2.4	17	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
1,4-Dichlorobenzene	106-46-7	1.8	9.8	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
1,4-Dioxane	123-91-1	0.1	9.8	0.061	U	0.057	U	0.056	U	0.052	U	0.054	U	0.051	U	0.053	U	0.069	U	0.05	U	0.053	U	0.049	U	0.0610	U	0.0570	U	0.0560	U	0.0520	U
2-Butanone	78-93-3	0.12	100	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
2-Hexanone	591-78-6	~	~	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
4-Methyl-2-pentanone	108-10-1	~	~	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
Acetone	67-64-1	0.05	100	**0.021**		**0.032**		**0.054**		**0.046**		**0.0083**	J	**0.0055**	J	**0.012**		**0.0083**	J	0.005	U	**0.012**		**0.011**		**0.0210**		**0.0320**		**0.0540**		**0.0460**	
Acrolein	107-02-8	~	~	0.0061	U	0.0057	U	0.0056	U	0.0052	U	0.0054	U	0.0051	U	0.0053	U	0.0069	U	0.005	U	0.0052	U	0.0049	U	0.00610	U	0.00570	U	0.00560	U	0.00520	U
Acrylonitrile	107-13-1	~	~	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
Benzene	71-43-2	0.06	2.9	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
Bromochloromethane	74-97-5	~	~	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
Bromodichloromethane	75-27-4	~	~	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
Bromoform	75-25-2	~	~	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0054	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
Bromomethane	74-83-9	~	~	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0054	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
Carbon disulfide	75-15-0	~	~	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
Carbon tetrachloride	56-23-5	0.76	1.4	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
Chlorobenzene	108-90-7	1.1	100	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
Chloroethane	75-00-3	~	~	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
Chloroform	67-66-3	0.37	10	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
Chloromethane	74-87-3	~	~	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
cis-1,2-Dichloroethylene	156-59-2	0.25	59	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
Cyclohexane	110-82-7	~	~	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
Dibromochloromethane	124-48-1	~	~	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
Dibromomethane	74-95-3	~	~	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
Dichlorodifluoromethane	75-71-8	~	~	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
Ethyl Benzene	100-41-4	1	30	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
Hexachlorobutadiene	87-68-3	~	~	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
Isopropylbenzene	98-82-8	~	~	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
Methyl acetate	79-20-9	~	~	0.0031	U	**0.0036**	J	**0.013**		**0.0042**	J	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	**0.00360**	J	**0.0130**		**0.00420**	J
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	62	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
Methylcyclohexane	108-87-2	~	~	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
Methylene chloride	75-09-2	0.05	51	0.0061	U	0.0057	U	0.0056	U	0.0052	U	0.0054	U	0.0051	U	0.0053	U	0.0069	U	0.005	U	0.0052	U	0.0049	U	0.00610	U	0.00570	U	0.00560	U	0.00520	U
n-Butylbenzene	104-51-8	12	100	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
n-Propylbenzene	103-65-1	3.9	100	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
o-Xylene	95-47-6	~	~	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
p- & m- Xylenes	179601-23-1	~	~	0.0061	U	0.0057	U	0.0056	U	0.0052	U	0.0054	U	0.0051	U	0.0053	U	0.0069	U	0.005	U	0.0052	U	0.0049	U	0.00610	U	0.00570	U	0.00560	U	0.00520	U
p-Isopropyltoluene	99-87-6	~	~	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
sec-Butylbenzene	135-98-8	11	100	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
Styrene	100-42-5	~	~	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0053	U	0.0069	U	0.0025	U	0.0052	U	0.0049	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
tert-Butylbenzene	98-06-6	5.9	100	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
Tetrachloroethylene	127-18-4	1.3	5.5	0.0031	U	0.0028	U	0.0028	U	0.0026	U	**0.0093**		0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
Toluene	108-88-3	0.7	100	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
trans-1,2-Dichloroethylene	156-60-5	0.19	100	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
Trichloroethylene	79-01-6	0.47	10	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
Trichlorofluoromethane	75-69-4	~	~	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
Vinyl Chloride	75-01-4	0.02	0.21	0.0031	U	0.0028	U	0.0028	U	0.0026	U	0.0027	U	0.0026	U	0.0027	U	0.0034	U	0.0025	U	0.0026	U	0.0024	U	0.00310	U	0.00280	U	0.00280	U	0.00260	U
Xylenes, Total	1330-20-7	1.6	100	0.0092	U	0.0085	U	0.0084	U	0.0077	U	0.0081	U	0.0077	U	0.008	U	0.01	U	0.0076	U	0.0078	U	0.0073	U	0.00920	U	0.00850	U	0.00840	U	0.00770	U

NOTES:

Any Regulatory Exceedences are color coded by Regulation

Highlight Legend:

Yellow - exceedance in NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW

Orange - exceedance in NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential

Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution

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

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

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

P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis

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

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

Table 2

Semi-Volatile Organic Compounds in Soil (mg/kg)
EPA Method: 8270
148-28 Hillside Avenue, Jamaica, NY 11435

Sample ID		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential	SB-1 (0-2')		SB-1(13'-15')		SB-3 (0-2')		SB-3(13'-15')		SB-4(13'-15')		SB-5 (0-2')		SB-5(13'-15')		SB-6(0-2')	
York ID				15K0797-01		15F1016-01		15K0797-02		15F1016-03		15F1016-04		15K0797-03		15F1016-05		15F1016-06	
Sampling Date				11/18/15		6/24/15		11/18/15		6/24/15		6/25/15		11/18/15		6/24/15		6/24/15	
Client Matrix				Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Semi-Volatiles, NJDEP/TCL/Part 375 List		mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor				2		1		2		1		1		2		1		1	
1,1-Biphenyl	92-52-4	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U	0.0222	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	0.0964	U	0.0426	U	0.0943	U	0.0427	U	0.0431	U	0.0936	U	0.0436	U	0.0443	U
1,2,4-Trichlorobenzene	120-82-1	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U	0.0222	U
1,2-Dichlorobenzene	95-50-1	1.1	100	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U	0.0222	U
1,2-Diphenylhydrazine (as Azobenze	122-66-7	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U	0.0222	U
1,3-Dichlorobenzene	541-73-1	2.4	17	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U	0.0222	U
1,4-Dichlorobenzene	106-46-7	1.8	9.8	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U	0.0222	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	0.0964	U	0.0426	U	0.0943	U	0.0427	U	0.0431	U	0.0936	U	0.0436	U	0.0443	U
2,4,5-Trichlorophenol	95-95-4	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U	0.0222	U
2,4,6-Trichlorophenol	88-06-2	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U	0.0222	U
2,4-Dichlorophenol	120-83-2	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U	0.0222	U
2,4-Dimethylphenol	105-67-9	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U	0.0222	U
2,4-Dinitrophenol	51-28-5	~	~	0.0964	U	0.0426	U	0.0943	U	0.0427	U	0.0431	U	0.0936	U	0.0436	U	0.0443	U
2,4-Dinitrotoluene	121-14-2	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U	0.0222	U
2,6-Dinitrotoluene	606-20-2	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U	0.0222	U
2-Chloronaphthalene	91-58-7	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U	0.0222	U
2-Chlorophenol	95-57-8	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U	0.0222	U
2-Methylnaphthalene	91-57-6	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U	0.0222	U
2-Methylphenol	95-48-7	0.33	100	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U	0.0222	U
2-Nitroaniline	88-74-4	~	~	0.0964	U	0.0426	U	0.0943	U	0.0427	U	0.0431	U	0.0936	U	0.0436	U	0.0443	U
2-Nitrophenol	88-75-5	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U	0.0222	U
3- & 4-Methylphenols	65794-96-9	0.33	34	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U	0.0222	U
3,3-Dichlorobenzidine	91-94-1	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U	0.0222	U
3-Nitroaniline	99-09-2	~	~	0.0964	U	0.0426	U	0.0943	U	0.0427	U	0.0431	U	0.0936	U	0.0436	U	0.0443	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	0.0964	U	0.0426	U	0.0943	U	0.0427	U	0.0431	U	0.0936	U	0.0436	U	0.0443	U
4-Bromophenyl phenyl ether	101-55-3	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U	0.0222	U
4-Chloro-3-methylphenol	59-50-7	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U	0.0222	U
4-Chloroaniline	106-47-8	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U	0.0222	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U	0.0222	U
4-Nitroaniline	100-01-6	~	~	0.0964	U	0.0426	U	0.0943	U	0.0427	U	0.0431	U	0.0936	U	0.0436	U	0.0443	U
4-Nitrophenol	100-02-7	~	~	0.0964	U	0.0426	U	0.0943	U	0.0427	U	0.0431	U	0.0936	U	0.0436	U	0.0443	U
Acenaphthene	83-32-9	98	100	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U	0.0222	U
Acenaphthylene	208-96-8	107	100	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U	0.0222	U
Acetophenone	98-86-2	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U	0.0222	U
Aniline	62-53-3	~	~	0.193	U	0.0853	U	0.189	U	0.0855	U	0.0863	U	0.187	U	0.0874	U	0.0888	U
Anthracene	120-12-7	1000	100	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U	0.0222	U
Atrazine	1912-24-9	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U	0.0222	U
Benzaldehyde	100-52-7	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U	0.0222	U
Benzidine	92-87-5	~	~	0.193	U	0.0853	U	0.189	U	0.0855	U	0.0863	U	0.187	U	0.0874	U	0.0888	U
Benzo(a)anthracene	56-55-3	1	1	0.0483	U	0.0214	U	**0.158**	D	0.0214	U	0.0216	U	**0.176**	D	0.0219	U	0.0222	U
Benzo(a)pyrene	50-32-8	22	1	0.0483	U	0.0214	U	**0.103**	D	0.0214	U	0.0216	U	**0.148**	D	0.0219	U	0.0222	U
Benzo(b)fluoranthene	205-99-2	1.7	1	0.0483	U	0.0214	U	**0.0972**	D	0.0214	U	0.0216	U	**0.157**	D	0.0219	U	0.0222	U
Benzo(g,h,i)perylene	191-24-2	1000	100	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	**0.0733**	JD	0.0219	U	0.0222	U
Benzo(k)fluoranthene	207-08-9	1.7	1	0.0483	U	0.0214	U	**0.108**	D	0.0214	U	0.0216	U	**0.162**	D	0.0219	U	0.0222	U
Benzoic acid	65-85-0	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U	0.0222	U
Benzyl alcohol	100-51-6	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U	0.0222	U
Benzyl butyl phthalate	85-68-7	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U	0.0222	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U	0.0222	U
Bis(2-chloroethyl)ether	111-44-4	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U	0.0222	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U	0.0222	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	0.0483	U	0.0214	U	**0.11**	D	0.0214	U	0.0216	U	0.0469	U	0.0219	U	0.0222	U
Caprolactam	105-60-2	~	~	0.0964	U	0.0426	U	0.0943	U	0.0427	U	0.0431	U	0.0936	U	0.0436	U	0.0443	U
Carbazole	86-74-8	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U	0.0222	U
Chrysene	218-01-9	1	1	0.0483	U	0.0214	U	**0.184**	D	0.0214	U	0.0216	U	**0.2**	D	0.0219	U	0.0222	U
Dibenzo(a,h)anthracene	53-70-3	1000	0.33	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U	0.0222	U
Dibenzofuran	132-64-9	210	14	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U	0.0222	U
Diethyl phthalate	84-66-2	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U	0.0222	U
Dimethyl phthalate	131-11-3	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U	0.0222	U
Di-n-butyl phthalate	84-74-2	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U	0.0222	U
Di-n-octyl phthalate	117-84-0	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U	0.0222	U
Fluoranthene	206-44-0	1000	100	0.0483	U	0.0214	U	**0.207**	D	0.0214	U	0.0216	U	**0.276**	D	0.0219	U	0.0222	U
Fluorene	86-73-7	386	100	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U	0.0222	U
Hexachlorobenzene	118-74-1	3.2	0.33	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U	0.0222	U
Hexachlorobutadiene	87-68-3	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U	0.0222	U
Hexachlorocyclopentadiene	77-47-4	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U	0.0222	U
Hexachloroethane	67-72-1	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U	0.0222	U
Indeno(1,2,3-cd)pyrene	193-39-5	8.2	0.5	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	**0.0681**	JD	0.0219	U	0.0222	U
Isophorone	78-59-1	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U	0.0222	U
Naphthalene	91-20-3	12	100	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U	0.0222	U
Nitrobenzene	98-95-3	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U	0.0222	U
N-Nitrosodimethylamine	62-75-9	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U	0.0222	U
N-nitroso-di-n-propylamine	621-64-7	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U	0.0222	U
N-Nitrosodiphenylamine	86-30-6	~	~	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U	0.0222	U
Pentachlorophenol	87-86-5	0.8	2.4	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U	0.0222	U
Phenanthrene	85-01-8	1000	100	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U	0.0222	U
Phenol	108-95-2	0.33	100	0.0483	U	0.0214	U	0.0473	U	0.0214	U	0.0216	U	0.0469	U	0.0219	U	0.0222	U
Pyrene	129-00-0	1000	100	**0.0601**	JD	0.0214	U	**0.231**	D	0.0214	U	0.0216	U	**0.257**	D	0.0219	U	0.0222	U

Sample ID		SB-6 (0-2')		SB-9 (0-2')		SB-9 (10-12')		SB-10 (0-2')		SB-10(10-12)		SB-7A (0-2')		SB-8A (0-2')		SB-2B(13'-15')		SB-7B (10-12')		SB-8B (10-12')	
York ID		15K0797-04		15K0797-09		15K0797-10		15K0797-11		15K0797-12		15K0797-05		15K0797-07		15F1016-02		15K0797-06		15K0797-08	
Sampling Date		11/18/15		11/19/15		11/19/15		11/19/15		11/19/15		11/18/15		11/18/15		6/25/15		11/18/15		11/18/15	
Client Matrix		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Semi-Volatiles, NJDEP/TCL/Part 375 List		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		2		2		2		20		2		2		2		1		2		2	
1,1-Biphenyl	92-52-4	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
1,2,4,5-Tetrachlorobenzene	95-94-3	0.0939	U	0.0896	U	0.0853	U	0.0875	U	0.0861	U	0.0913	U	0.0963	U	0.043	U	0.0886	U	0.0858	U
1,2,4-Trichlorobenzene	120-82-1	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
1,2-Dichlorobenzene	95-50-1	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
1,2-Diphenylhydrazine (as Azobenze	122-66-7	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
1,3-Dichlorobenzene	541-73-1	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
1,4-Dichlorobenzene	106-46-7	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
2,3,4,6-Tetrachlorophenol	58-90-2	0.0939	U	0.0896	U	0.0853	U	0.0875	U	0.0861	U	0.0913	U	0.0963	U	0.043	U	0.0886	U	0.0858	U
2,4,5-Trichlorophenol	95-95-4	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
2,4,6-Trichlorophenol	88-06-2	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
2,4-Dichlorophenol	120-83-2	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
2,4-Dimethylphenol	105-67-9	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
2,4-Dinitrophenol	51-28-5	0.0939	U	0.0896	U	0.0853	U	0.0875	U	0.0861	U	0.0913	U	0.0963	U	0.043	U	0.0886	U	0.0858	U
2,4-Dinitrotoluene	121-14-2	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
2,6-Dinitrotoluene	606-20-2	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
2-Chloronaphthalene	91-58-7	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
2-Chlorophenol	95-57-8	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
2-Methylnaphthalene	91-57-6	0.0471	U	0.0449	U	0.0427	U	**0.168**	D	0.0431	U	**0.073**	JD	0.0483	U	0.0215	U	0.0444	U	0.043	U
2-Methylphenol	95-48-7	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
2-Nitroaniline	88-74-4	0.0939	U	0.0896	U	0.0853	U	0.0875	U	0.0861	U	0.0913	U	0.0963	U	0.043	U	0.0886	U	0.0858	U
2-Nitrophenol	88-75-5	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
3- & 4-Methylphenols	65794-96-9	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
3,3-Dichlorobenzidine	91-94-1	0.0471	U	0.0449	U	0.0427	U	0.438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
3-Nitroaniline	99-09-2	0.0939	U	0.0896	U	0.0853	U	0.0875	U	0.0861	U	0.0913	U	0.0963	U	0.043	U	0.0886	U	0.0858	U
4,6-Dinitro-2-methylphenol	534-52-1	0.0939	U	0.0896	U	0.0853	U	0.0875	U	0.0861	U	0.0913	U	0.0963	U	0.043	U	0.0886	U	0.0858	U
4-Bromophenyl phenyl ether	101-55-3	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
4-Chloro-3-methylphenol	59-50-7	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
4-Chloroaniline	106-47-8	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
4-Chlorophenyl phenyl ether	7005-72-3	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
4-Nitroaniline	100-01-6	0.0939	U	0.0896	U	0.0853	U	0.0875	U	0.0861	U	0.0913	U	0.0963	U	0.043	U	0.0886	U	0.0858	U
4-Nitrophenol	100-02-7	0.0939	U	0.0896	U	0.0853	U	0.0875	U	0.0861	U	0.0913	U	0.0963	U	0.043	U	0.0886	U	0.0858	U
Acenaphthene	83-32-9	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	**0.296**	D	0.0483	U	0.0215	U	0.0444	U	0.043	U
Acenaphthylene	208-96-8	0.0471	U	0.0449	U	0.0427	U	**0.0503**	JD	0.0431	U	**0.0686**	JD	0.0483	U	0.0215	U	0.0444	U	0.043	U
Acetophenone	98-86-2	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
Aniline	62-53-3	0.188	U	0.18	U	0.171	U	0.175	U	0.172	U	0.183	U	0.193	U	0.086	U	0.178	U	0.172	U
Anthracene	120-12-7	0.0471	U	0.0449	U	0.0427	U	**0.123**	D	0.0431	U	**0.839**	D	0.0483	U	0.0215	U	0.0444	U	0.043	U
Atrazine	1912-24-9	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
Benzaldehyde	100-52-7	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
Benzidine	92-87-5	0.188	U	0.18	U	0.171	U	0.175	U	0.172	U	0.183	U	0.193	U	0.086	U	0.178	U	0.172	U
Benzo(a)anthracene	56-55-3	**0.0653**	JD	**0.0774**	JD	0.0427	U	0.438	U	0.0431	U	**1.55**	D	**0.0623**	JD	0.0215	U	0.0444	U	0.043	U
Benzo(a)pyrene	50-32-8	0.0471	U	**0.0674**	JD	0.0427	U	0.438	U	0.0431	U	**0.481**	D	0.0483	U	0.0215	U	0.0444	U	0.043	U
Benzo(b)fluoranthene	205-99-2	0.0471	U	**0.0666**	JD	0.0427	U	0.438	U	0.0431	U	**0.589**	D	0.0483	U	0.0215	U	0.0444	U	0.043	U
Benzo(g,h,i)perylene	191-24-2	0.0471	U	0.0449	U	0.0427	U	0.438	U	0.0431	U	**0.244**	D	0.0483	U	0.0215	U	0.0444	U	0.043	U
Benzo(k)fluoranthene	207-08-9	0.0471	U	**0.0702**	JD	0.0427	U	0.438	U	0.0431	U	**0.582**	D	**0.0616**	JD	0.0215	U	0.0444	U	0.043	U
Benzoic acid	65-85-0	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
Benzyl alcohol	100-51-6	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
Benzyl butyl phthalate	85-68-7	0.0471	U	0.0449	U	0.0427	U	0.438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
Bis(2-chloroethoxy)methane	111-91-1	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
Bis(2-chloroethyl)ether	111-44-4	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
Bis(2-chloroisopropyl)ether	108-60-1	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
Bis(2-ethylhexyl)phthalate	117-81-7	0.0471	U	0.0449	U	0.0427	U	0.438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
Caprolactam	105-60-2	0.0939	U	0.0896	U	0.0853	U	0.0875	U	0.0861	U	0.0913	U	0.0963	U	0.043	U	0.0886	U	0.0858	U
Carbazole	86-74-8	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	**0.441**	D	0.0483	U	0.0215	U	0.0444	U	0.043	U
Chrysene	218-01-9	**0.0848**	JD	**0.12**	D	0.0427	U	0.438	U	0.0431	U	**1.56**	D	**0.0808**	JD	0.0215	U	0.0444	U	0.043	U
Dibenzo(a,h)anthracene	53-70-3	0.0471	U	0.0449	U	0.0427	U	0.438	U	0.0431	U	**0.211**	D	0.0483	U	0.0215	U	0.0444	U	0.043	U
Dibenzofuran	132-64-9	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	**0.193**	D	0.0483	U	0.0215	U	0.0444	U	0.043	U
Diethyl phthalate	84-66-2	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
Dimethyl phthalate	131-11-3	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
Di-n-butyl phthalate	84-74-2	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
Di-n-octyl phthalate	117-84-0	0.0471	U	0.0449	U	0.0427	U	0.438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
Fluoranthene	206-44-0	**0.119**	D	**0.191**	D	0.0427	U	**0.189**	D	0.0431	U	**2.64**	D	**0.132**	D	0.0215	U	0.0444	U	0.043	U
Fluorene	86-73-7	0.0471	U	0.0449	U	0.0427	U	**0.0958**	D	0.0431	U	**0.328**	D	0.0483	U	0.0215	U	0.0444	U	0.043	U
Hexachlorobenzene	118-74-1	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
Hexachlorobutadiene	87-68-3	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
Hexachlorocyclopentadiene	77-47-4	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
Hexachloroethane	67-72-1	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.0471	U	0.0449	U	0.0427	U	0.438	U	0.0431	U	**0.306**	D	0.0483	U	0.0215	U	0.0444	U	0.043	U
Isophorone	78-59-1	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
Naphthalene	91-20-3	0.0471	U	0.0449	U	0.0427	U	**0.13**	D	0.0431	U	**0.119**	D	0.0483	U	0.0215	U	0.0444	U	0.043	U
Nitrobenzene	98-95-3	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
N-Nitrosodimethylamine	62-75-9	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
N-nitroso-di-n-propylamine	621-64-7	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
N-Nitrosodiphenylamine	86-30-6	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
Pentachlorophenol	87-86-5	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
Phenanthrene	85-01-8	0.0471	U	**0.0566**	JD	0.0427	U	**0.178**	D	0.0431	U	**2.2**	D	**0.0808**	JD	0.0215	U	0.0444	U	0.043	U
Phenol	108-95-2	0.0471	U	0.0449	U	0.0427	U	0.0438	U	0.0431	U	0.0457	U	0.0483	U	0.0215	U	0.0444	U	0.043	U
Pyrene	129-00-0	**0.203**	D	**0.199**	D	0.0427	U	0.438	U	0.0431	U	**2.94**	D	**0.11**	D	0.0215	U	0.0444	U	0.043	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation
Highlight Legend:
Yellow - exceedance in NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW
Orange - exceedance in NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 3

Pesticides, PCBs, and Herbicides in Soil (mg/kg)

EPA Methods: 8081 and 8082

148-28 Hillside Avenue, Jamaica, NY 11435

Sample ID		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Residential	SB-1 (0-2')		SB-3 (0-2')		SB-5 (0-2')		SB-6 (0-2')		SB-9 (0-2')		SB-9 (10-12')		SB-10 (0-2')		SB-10(10-12)		SB-7A (0-2')		SB-8A (0-2')		SB-7B (10-12')		SB-8B (10-12')	
York ID				15K0797-01		15K0797-02		15K0797-03		15K0797-04		15K0797-09		15K0797-10		15K0797-11		15K0797-12		15K0797-05		15K0797-07		15K0797-06		15K0797-08	
Sampling Date				11/18/15		11/18/15		11/18/15		11/18/15		11/19/15		11/19/15		11/19/15		11/19/15		11/18/15		11/18/15		11/18/15		11/18/15	
Client Matrix				Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Pesticides, NJDEP/TCL/Part 375 List		mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor				5		5		5		5		5		5		5		5		5		5		5		5	
4,4'-DDD	72-54-8	14	2.6	0.00286	U	0.0028	U	0.00278	U	0.00279	U	0.00266	U	0.00253	U	0.0026	U	0.00255	U	0.00271	U	0.00286	U	0.00263	U	0.00255	U
4,4'-DDE	72-55-9	17	1.8	0.00286	U	0.0028	U	0.00278	U	0.00279	U	0.00266	U	0.00253	U	0.0026	U	0.00255	U	0.00271	U	0.00286	U	0.00263	U	0.00255	U
4,4'-DDT	50-29-3	136	1.7	**0.00382**	D	0.0028	U	0.00278	U	**0.00506**	D	0.00266	U	0.00253	U	0.0026	U	0.00255	U	0.00271	U	0.00286	U	0.00263	U	0.00255	U
Aldrin	309-00-2	0.19	0.019	0.00286	U	0.0028	U	0.00278	U	0.00279	U	0.00266	U	0.00253	U	0.0026	U	0.00255	U	0.00271	U	0.00286	U	0.00263	U	0.00255	U
alpha-BHC	319-84-6	0.02	0.097	0.00286	U	0.0028	U	0.00278	U	0.00279	U	0.00266	U	0.00253	U	0.0026	U	0.00255	U	0.00271	U	0.00286	U	0.00263	U	0.00255	U
alpha-Chlordane	5103-71-9	2.9	0.91	0.00286	U	0.0028	U	0.00278	U	0.00279	U	0.00266	U	0.00253	U	0.0026	U	0.00255	U	0.00271	U	0.00286	U	0.00263	U	0.00255	U
beta-BHC	319-85-7	0.09	0.072	0.00286	U	0.0028	U	0.00278	U	0.00279	U	0.00266	U	0.00253	U	0.0026	U	0.00255	U	0.00271	U	0.00286	U	0.00263	U	0.00255	U
Chlordane, total	57-74-9	~	~	0.114	U	0.112	U	0.111	U	0.111	U	0.106	U	0.101	U	0.104	U	0.102	U	0.108	U	0.114	U	0.105	U	0.102	U
delta-BHC	319-86-8	0.25	100	0.00286	U	0.0028	U	0.00278	U	0.00279	U	0.00266	U	0.00253	U	0.0026	U	0.00255	U	0.00271	U	0.00286	U	0.00263	U	0.00255	U
Dieldrin	60-57-1	0.1	0.039	0.00286	U	0.0028	U	0.00278	U	0.00279	U	0.00266	U	0.00253	U	0.0026	U	0.00255	U	0.00271	U	0.00286	U	0.00263	U	0.00255	U
Endosulfan I	959-98-8	102	4.8	0.00286	U	0.0028	U	0.00278	U	0.00279	U	0.00266	U	0.00253	U	0.0026	U	0.00255	U	0.00271	U	0.00286	U	0.00263	U	0.00255	U
Endosulfan II	33213-65-9	102	4.8	0.00286	U	0.0028	U	0.00278	U	0.00279	U	0.00266	U	0.00253	U	0.0026	U	0.00255	U	0.00271	U	0.00286	U	0.00263	U	0.00255	U
Endosulfan sulfate	1031-07-8	1000	4.8	0.00286	U	0.0028	U	0.00278	U	0.00279	U	0.00266	U	0.00253	U	0.0026	U	0.00255	U	0.00271	U	0.00286	U	0.00263	U	0.00255	U
Endrin	72-20-8	0.06	2.2	0.00286	U	0.0028	U	0.00278	U	0.00279	U	0.00266	U	0.00253	U	0.0026	U	0.00255	U	0.00271	U	0.00286	U	0.00263	U	0.00255	U
Endrin aldehyde	7421-93-4	~	~	0.00286	U	0.0028	U	0.00278	U	0.00279	U	0.00266	U	0.00253	U	0.0026	U	0.00255	U	0.00271	U	0.00286	U	0.00263	U	0.00255	U
Endrin ketone	53494-70-5	~	~	0.00286	U	0.0028	U	0.00278	U	0.00279	U	0.00266	U	0.00253	U	0.0026	U	0.00255	U	0.00271	U	0.00286	U	0.00263	U	0.00255	U
gamma-BHC (Lindane)	58-89-9	0.1	0.28	0.00286	U	0.0028	U	0.00278	U	0.00279	U	0.00266	U	0.00253	U	0.0026	U	0.00255	U	0.00271	U	0.00286	U	0.00263	U	0.00255	U
gamma-Chlordane	5566-34-7	~	~	0.00286	U	0.0028	U	0.00278	U	0.00279	U	0.00266	U	0.00253	U	0.0026	U	0.00255	U	0.00271	U	0.00286	U	0.00263	U	0.00255	U
Heptachlor	76-44-8	0.38	0.42	0.00286	U	0.0028	U	0.00278	U	0.00279	U	0.00266	U	0.00253	U	0.0026	U	0.00255	U	0.00271	U	0.00286	U	0.00263	U	0.00255	U
Heptachlor epoxide	1024-57-3	~	~	0.00286	U	0.0028	U	0.00278	U	0.00279	U	0.00266	U	0.00253	U	0.0026	U	0.00255	U	0.00271	U	0.00286	U	0.00263	U	0.00255	U
Methoxychlor	72-43-5	~	~	0.00286	U	0.0028	U	0.00278	U	0.00279	U	0.00266	U	0.00253	U	0.0026	U	0.00255	U	0.00271	U	0.00286	U	0.00263	U	0.00255	U
Toxaphene	8001-35-2	~	~	0.286	U	0.28	U	0.278	U	0.279	U	0.266	U	0.253	U	0.26	U	0.255	U	0.271	U	0.286	U	0.263	U	0.255	U
Polychlorinated Biphenyls (PCB)		mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor				1		1		1		1		1		1		1		1		1		1		1		1	
Aroclor 1016	12674-11-2	~	~	0.0289	U	0.0283	U	0.028	U	0.0281	U	0.0269	U	0.0256	U	0.0262	U	0.0258	U	0.0273	U	0.0289	U	0.0266	U	0.0257	U
Aroclor 1221	11104-28-2	~	~	0.0289	U	0.0283	U	0.028	U	0.0281	U	0.0269	U	0.0256	U	0.0262	U	0.0258	U	0.0273	U	0.0289	U	0.0266	U	0.0257	U
Aroclor 1232	11141-16-5	~	~	0.0289	U	0.0283	U	0.028	U	0.0281	U	0.0269	U	0.0256	U	0.0262	U	0.0258	U	0.0273	U	0.0289	U	0.0266	U	0.0257	U
Aroclor 1242	53469-21-9	~	~	0.0289	U	0.0283	U	0.028	U	0.0281	U	0.0269	U	0.0256	U	0.0262	U	0.0258	U	0.0273	U	0.0289	U	0.0266	U	0.0257	U
Aroclor 1248	12672-29-6	~	~	0.0289	U	0.0283	U	0.028	U	0.0281	U	0.0269	U	0.0256	U	0.0262	U	0.0258	U	0.0273	U	0.0289	U	0.0266	U	0.0257	U
Aroclor 1254	11097-69-1	~	~	0.0289	U	0.0283	U	0.028	U	0.0281	U	0.0269	U	0.0256	U	0.0262	U	0.0258	U	0.0273	U	0.0289	U	0.0266	U	0.0257	U
Aroclor 1260	11096-82-5	~	~	0.0289	U	0.0283	U	0.028	U	0.0281	U	0.0269	U	0.0256	U	0.0262	U	0.0258	U	0.0273	U	0.0289	U	0.0266	U	0.0257	U
Total PCBs	1336-36-3	3.2	1	0.0289	U	0.0283	U	0.028	U	0.0281	U	0.0269	U	0.0256	U	0.0262	U	0.0258	U	0.0273	U	0.0289	U	0.0266	U	0.0257	U

NOTES:

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D=result is from an analysis that required a dilution

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

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

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

P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis

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

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

Table 4

Metals in Soil (mg/Kg - Dry)

EPA Methods: 6010 and 7473

148-28 Hillside Avenue, Jamaica, NY 11435

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential	SB-1 (0-2') 15K0797-01 42326 Soil		SB-1(13'-15') 15F1016-01 42179 Soil		SB-3 (0-2') 15K0797-02 42326 Soil		SB-3(13'-15') 15F1016-03 42179 Soil		SB-4(13'-15') 15F1016-04 42180 Soil		SB-5 (0-2') 15K0797-03 42326 Soil		SB-5(13'-15') 15F1016-05 42179 Soil		SB-6(0-2') 15F1016-06 42179 Soil		SB-6 (0-2') 15K0797-04 42326 Soil		SB-9 (0-2') 15K0797-09 42327 Soil		SB-9 (10-12') 15K0797-10 42327 Soil		SB-10 (0-2') 15K0797-11 42327 Soil		SB-10(10-12) 15K0797-12 42327 Soil		SB-1A (4-6') 17B0945-06 2/24/17 Soil		SB-1A(6-8') 17B0945-07 2/24/17 Soil	
Compound	**CAS Number**			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Metals, RCRA		mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg					
Dilution Factor				1		1		1		1		1		1		1		1		1		1		1		1		1					
Arsenic	7440-38-2	16	16	**6.57**		1.02	U	**6.2**		1.02	U	1.03	U	**4.78**		1.05	U	1.06	U	**7.21**		**6.22**		1.02	U	**4.55**		1.03	U	NT		NT	
Barium	7440-39-3	820	350	**80.6**		**12.4**		**54.4**		**17.9**		**31.1**		**61.7**		**17.7**		**44.3**		**111**		**76.6**		**22.4**		**61**		**48.9**		NT		NT	
Cadmium	7440-43-9	7.5	2.5	**0.461**		**0.309**		**0.522**		**0.336**		**0.671**		0.337	U	0.314	U	**0.786**		**0.648**		**0.911**		0.307	U	0.315	U	0.31	U	NT		NT	
Chromium	7440-47-3	~	~	**18.9**		**8.22**		**14.6**		**9.43**		**13.6**		**19.5**		**8.87**		**31.2**		**23.1**		**12**		**15.8**		**6.98**		**16.2**		NT		NT	
Lead	7439-92-1	450	400	**89.7**		**6.31**	B	**158**		**5.5**	B	**8.04**	B	**30.7**		**6.11**	B	**11.7**	B	**346**		**90.8**		**5.74**		**1100**		**5.94**		NT		NT	
Selenium	7782-49-2	4	36	**2.15**		**3.67**		**1.88**		**2.14**		**7.18**		**2.7**		**3.83**		**7.01**		**2.69**		**1.77**		**4.07**		1.05	U	**4.18**		NT		NT	
Silver	7440-22-4	8.3	36	0.578	U	0.511	U	0.565	U	0.512	U	0.517	U	0.561	U	0.523	U	0.532	U	0.563	U	0.537	U	0.511	U	0.524	U	0.516	U	NT		NT	
Mercury by 7470/7471		mg/Kg	mg/Kg																			mg/Kg		mg/Kg		mg/Kg		mg/Kg					
Dilution Factor																						1		1		1		1					
Mercury	7439-97-6	0.73	0.81	NT		NT		NT		NT		NT		NT		NT		NT		NT		0.0355	U	0.0337	U	0.0346	U	0.0341	U	NT		NT	
Mercury by 7473		mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg													
Dilution Factor				1		1		1		1		1		1		1		1		1													
Mercury	7439-97-6	0.73	0.81	**0.0749**		0.0307	U	**0.095**		0.0307	U	0.031	U	**0.0952**		0.0314	U	0.0319	U	**0.217**		NT		NT		NT		NT		NT		NT	
Total Solids				%		%		%		%		%		%		%		%		%		%		%		%		%		%		%	
Dilution Factor				1		1		1		1		1		1		1		1		1		1		1		1		1		1		1	
% Solids	solids	~	~	**86.5**		**97.8**		**88.4**		**97.7**		**96.8**		**89.1**		**95.5**		**94.1**		**88.8**		**93**		**97.8**		**95.4**		**96.9**		**95.9**		**96.6**	

NOTES:
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Highlight Legend:
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Table 4 (continued)

Metals in Soil (mg/Kg - Dry)

EPA Methods: 6010 and 7473

148-28 Hillside Avenue, Jamaica, NY 11435

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential	SB-2A (4-6') 17D0698-01 4/18/17 Soil		SB-2A (6-8') 17D0698-02 4/18/17 Soil		SB-3A (4-6') 17D0698-03 4/18/17 Soil		SB-3A (6-8') 17D0698-04 4/18/17 Soil		SB-4A (4-6') 17B0945-04 2/24/17 Soil		SB-4A (6-8') 17B0945-05 2/24/17 Soil		SB-7A (0-2') 15K0797-05 11/18/15 Soil		SB-8A (0-2') 15K0797-07 11/18/15 Soil		SB-2B(13'-15') 15F1016-02 6/25/15 Soil		SB-7B (10-12') 15K0797-06 11/18/15 Soil		SB-8B (10-12') 15K0797-08 11/18/15 Soil	
Compound	**CAS Number**			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Metals, RCRA		mg/Kg	mg/Kg													mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor																1		1		1		1		1	
Arsenic	7440-38-2	16	16	NT		NT		NT		NT		NT		NT		**5.15**		**7.29**		1.03	U	**1.45**		1.03	U
Barium	7440-39-3	820	350	NT		NT		NT		NT		NT		NT		**102**		**114**		**31.8**		**24.3**		**53**	
Cadmium	7440-43-9	7.5	2.5	NT		NT		NT		NT		NT		NT		0.328	U	0.346	U	0.309	U	0.319	U	0.309	U
Chromium	7440-47-3	~	~	NT		NT		NT		NT		NT		NT		**17.6**		**10.9**		**10.3**		**16.3**		**20.4**	
Lead	7439-92-1	450	400	NT		NT		NT		NT		NT		NT		**261**		**89.2**		**14.8**	B	**4.79**		**3.99**	
Selenium	7782-49-2	4	36	NT		NT		NT		NT		NT		NT		**2.07**		**2.56**		**3.28**		**2.53**		**2.47**	
Silver	7440-22-4	8.3	36	NT		NT		NT		NT		NT		NT		0.547	U	0.577	U	0.515	U	0.531	U	0.514	U
Mercury by 7470/7471		mg/Kg	mg/Kg															mg/Kg				mg/Kg		mg/Kg	
Dilution Factor																		1				1		1	
Mercury	7439-97-6	0.73	0.81	NT		NT		NT		NT		NT		NT		NT		0.0381	U	NT		0.0351	U	0.034	U
Mercury by 7473		mg/Kg	mg/Kg													mg/Kg				mg/Kg					
Dilution Factor																1				1					
Mercury	7439-97-6	0.73	0.81	NT		NT		NT		NT		NT		NT		**0.206**		NT		0.0309	U	NT		NT	
Total Solids				%		%		%		%		%		%		%		%		%		%		%	
Dilution Factor				1		1		1		1		1		1		1		1		1		1		1	
% Solids	solids	~	~	**81.6**		**89.1**		**91.3**		**90.9**		**93**		**93.3**		**91.4**		**86.6**		**97.1**		**94.1**		**97.2**	

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Table 5

Volatile Organic Compounds in Water (ug/L)
EPA Method 8260
148-28 Hillside Avenue
Jamaica, NY 11435

ACT Project No.: 8346-JANY

Sample ID		NYSDEC TOGS Standards and Guidance	TW-1		TW-2		TW-3	
Sampling Date			12/2/16		12/2/16		12/2/16	
Compound	CAS Number	Values - GA	Result	Q	Result	Q	Result	Q
Volatile Organics, NJDEP/TCL/Part 375 List		ug/L	ug/L		ug/L		ug/L	
Dilution Factor			1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	5	0.20	U	0.20	U	0.20	U
1,1,1-Trichloroethane	71-55-6	5	0.20	U	0.20	U	0.20	U
1,1,2,2-Tetrachloroethane	79-34-5	5	0.20	U	0.20	U	0.20	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	5	0.20	U	0.20	U	0.20	U
1,1,2-Trichloroethane	79-00-5	1	0.20	U	0.20	U	0.20	U
1,1-Dichloroethane	75-34-3	5	0.20	U	0.20	U	0.20	U
1,1-Dichloroethylene	75-35-4	5	0.20	U	0.20	U	0.20	U
1,2,3-Trichlorobenzene	87-61-6	5	0.20	U	0.20	U	0.20	U
1,2,3-Trichloropropane	96-18-4	0.04	0.20	U	0.20	U	0.20	U
1,2,4-Trichlorobenzene	120-82-1	5	0.20	U	0.20	U	0.20	U
1,2,4-Trimethylbenzene	95-63-6	5	**0.23**	J	0.20	U	0.20	U
1,2-Dibromo-3-chloropropane	96-12-8	0.04	0.20	U	0.20	U	0.20	U
1,2-Dibromoethane	106-93-4	5	0.20	U	0.20	U	0.20	U
1,2-Dichlorobenzene	95-50-1	3	0.20	U	0.20	U	0.20	U
1,2-Dichloroethane	107-06-2	0.6	0.20	U	0.20	U	0.20	U
1,2-Dichloropropane	78-87-5	1	0.20	U	0.20	U	0.20	U
1,3,5-Trimethylbenzene	108-67-8	5	0.20	U	0.20	U	0.20	U
1,3-Dichlorobenzene	541-73-1	3	0.20	U	0.20	U	0.20	U
1,4-Dichlorobenzene	106-46-7	3	0.20	U	0.20	U	0.20	U
1,4-Dioxane	123-91-1	~	40	U	40	U	40	U
2-Butanone	78-93-3	50	0.20	U	0.20	U	0.20	U
2-Hexanone	591-78-6	50	0.20	U	0.20	U	0.20	U
4-Methyl-2-pentanone	108-10-1	~	0.20	U	0.20	U	0.20	U
Acetone	67-64-1	50	**1.3**	J	**1.2**	J	**3.9**	
Acrolein	107-02-8	~	0.20	U	0.20	U	0.20	U
Acrylonitrile	107-13-1	~	0.20	U	0.20	U	0.20	U
Benzene	71-43-2	1	0.20	U	0.20	U	0.20	U
Bromochloromethane	74-97-5	5	0.20	U	0.20	U	0.20	U
Bromodichloromethane	75-27-4	50	**0.43**	J	**1.1**		**0.60**	
Bromoform	75-25-2	50	0.20	U	0.20	U	0.20	U
Bromomethane	74-83-9	5	0.20	U	0.20	U	0.20	U
Carbon disulfide	75-15-0	~	0.20	U	0.20	U	0.20	U
Carbon tetrachloride	56-23-5	5	0.20	U	0.20	U	0.20	U
Chlorobenzene	108-90-7	5	0.20	U	0.20	U	0.20	U
Chloroethane	75-00-3	5	0.20	U	0.20	U	0.20	U
Chloroform	67-66-3	7	**6.7**		**14**		**12**	
Chloromethane	74-87-3	5	0.20	U	0.20	U	0.20	U
cis-1,2-Dichloroethylene	156-59-2	5	0.20	U	0.20	U	0.20	U
cis-1,3-Dichloropropylene	10061-01-5	0.4	0.20	U	0.20	U	0.20	U
Cyclohexane	110-82-7	~	0.20	U	0.20	U	0.20	U
Dibromochloromethane	124-48-1	50	0.20	U	0.20	U	0.20	U
Dibromomethane	74-95-3	~	0.20	U	0.20	U	0.20	U
Dichlorodifluoromethane	75-71-8	5	0.20	U	0.20	U	0.20	U
Ethyl Benzene	100-41-4	5	0.20	U	0.20	U	0.20	U
Hexachlorobutadiene	87-68-3	0.5	0.20	U	0.20	U	0.20	U
Isopropylbenzene	98-82-8	5	0.20	U	0.20	U	0.20	U
Methyl acetate	79-20-9	~	0.20	U	0.20	U	0.20	U
Methyl tert-butyl ether (MTBE)	1634-04-4	10	0.20	U	0.20	U	0.20	U
Methylcyclohexane	108-87-2	~	0.20	U	0.20	U	0.20	U
Methylene chloride	75-09-2	5	1.0	U	1.0	U	1.0	U
n-Butylbenzene	104-51-8	5	0.20	U	0.20	U	0.20	U
n-Propylbenzene	103-65-1	5	0.20	U	0.20	U	0.20	U
o-Xylene	95-47-6	5	0.20	U	0.20	U	0.20	U
p- & m- Xylenes	179601-23-1	5	0.50	U	0.50	U	0.50	U
p-Isopropyltoluene	99-87-6	5	0.20	U	0.20	U	0.20	U
sec-Butylbenzene	135-98-8	5	0.20	U	0.20	U	0.20	U
Styrene	100-42-5	5	0.20	U	0.20	U	0.20	U
tert-Butyl alcohol (TBA)	75-65-0	~	**2.7**		**1.3**	J	**1.3**	J
tert-Butylbenzene	98-06-6	5	0.20	U	0.20	U	0.20	U
Tetrachloroethylene	127-18-4	5	0.20	U	0.20	U	0.20	U
Toluene	108-88-3	5	0.20	U	0.20	U	0.20	U
trans-1,2-Dichloroethylene	156-60-5	5	0.20	U	0.20	U	0.20	U
trans-1,3-Dichloropropylene	10061-02-6	0.4	0.20	U	0.20	U	0.20	U
Trichloroethylene	79-01-6	5	0.20	U	0.20	U	0.20	U
Trichlorofluoromethane	75-69-4	5	0.20	U	0.20	U	0.20	U
Vinyl Chloride	75-01-4	2	0.20	U	0.20	U	0.20	U
Xylenes, Total	1330-20-7	5	0.60	U	0.60	U	0.60	U

Highlighted values signify detection above guidance value
Bold values signify detection above method detection limit
Q is the Qualifier Column with definitions as follows:
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
~=this indicates that no regulatory limit has been established for this analyte

Table 6

Semi-Volatile Organic Compounds in Water (ug/L)
EPA Method 8260
148-28 Hillside Avenue
Jamaica, NY 11435

ACT Project No.: 8346-JANY

Sample ID		NYSDEC TOGS Standards and Guidance Values - GA	TW-1		TW-2		TW-3	
Sampling Date			12/2/16		12/2/16		12/2/16	
Compound	CAS Number		Result	Q	Result	Q	Result	Q
Semi-Volatiles, NJDEP/TCL/Part 375 List		ug/L	ug/L		ug/L		ug/L	
Dilution Factor			1		1		1	
1,1'-Biphenyl	92-52-4	~	2.63	U	2.63	U	2.63	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	2.63	U	2.63	U	2.63	U
1,2,4-Trichlorobenzene	120-82-1	5	2.63	U	2.63	U	2.63	U
1,2-Dichlorobenzene	95-50-1	3	2.63	U	2.63	U	2.63	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	2.63	U	2.63	U	2.63	U
1,3-Dichlorobenzene	541-73-1	3	2.63	U	2.63	U	2.63	U
1,4-Dichlorobenzene	106-46-7	3	2.63	U	2.63	U	2.63	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	2.63	U	2.63	U	2.63	U
2,4,5-Trichlorophenol	95-95-4	1	2.63	U	2.63	U	2.63	U
2,4,6-Trichlorophenol	88-06-2	1	2.63	U	2.63	U	2.63	U
2,4-Dichlorophenol	120-83-2	5	2.63	U	2.63	U	2.63	U
2,4-Dimethylphenol	105-67-9	50	2.63	U	2.63	U	2.63	U
2,4-Dinitrophenol	51-28-5	10	2.63	U	2.63	U	2.63	U
2,4-Dinitrotoluene	121-14-2	5	2.63	U	2.63	U	2.63	U
2,6-Dinitrotoluene	606-20-2	5	2.63	U	2.63	U	2.63	U
2-Chloronaphthalene	91-58-7	10	2.63	U	2.63	U	2.63	U
2-Chlorophenol	95-57-8	1	2.63	U	2.63	U	2.63	U
2-Methylnaphthalene	91-57-6	~	2.63	U	2.63	U	2.63	U
2-Methylphenol	95-48-7	1	2.63	U	2.63	U	2.63	U
2-Nitroaniline	88-74-4	5	2.63	U	2.63	U	2.63	U
2-Nitrophenol	88-75-5	1	2.63	U	2.63	U	2.63	U
3- & 4-Methylphenols	65794-96-9	~	2.63	U	2.63	U	2.63	U
3,3'-Dichlorobenzidine	91-94-1	5	2.63	U	2.63	U	2.63	U
3-Nitroaniline	99-09-2	5	2.63	U	2.63	U	2.63	U
4,6-Dinitro-2-methylphenol	534-52-1	~	2.63	U	2.63	U	2.63	U
4-Bromophenyl phenyl ether	101-55-3	~	2.63	U	2.63	U	2.63	U
4-Chloro-3-methylphenol	59-50-7	1	2.63	U	2.63	U	2.63	U
4-Chloroaniline	106-47-8	5	2.63	U	2.63	U	2.63	U
4-Chlorophenyl phenyl ether	7005-72-3	~	2.63	U	2.63	U	2.63	U
4-Nitroaniline	100-01-6	5	2.63	U	2.63	U	2.63	U
4-Nitrophenol	100-02-7	1	2.63	U	2.63	U	2.63	U
Acenaphthene	83-32-9	20	0.0526	U	0.0526	U	0.0526	U
Acenaphthylene	208-96-8	~	0.0526	U	0.0526	U	0.0526	U
Acetophenone	98-86-2	~	2.63	U	2.63	U	2.63	U
Aniline	62-53-3	5	2.63	U	2.63	U	2.63	U
Anthracene	120-12-7	50	0.0526	U	0.0526	U	0.0526	U
Atrazine	1912-24-9	~	0.526	U	0.526	U	0.526	U
Benzaldehyde	100-52-7	~	2.63	U	2.63	U	2.63	U
Benzidine	92-87-5	~	10.5	U	10.5	U	10.5	U
Benzo(a)anthracene	56-55-3	0.002	0.0526	U	0.0526	U	0.0526	U
Benzo(a)pyrene	50-32-8	0.002	0.0526	U	0.0526	U	0.0526	U
Benzo(b)fluoranthene	205-99-2	0.002	0.0526	U	0.0526	U	0.0526	U
Benzo(g,h,i)perylene	191-24-2	~	0.0526	U	0.0526	U	0.0526	U
Benzo(k)fluoranthene	207-08-9	0.002	0.0526	U	0.0526	U	0.0526	U
Benzoic acid	65-85-0	~	26.3	U	26.3	U	26.3	U
Benzyl alcohol	100-51-6	~	2.63	U	2.63	U	2.63	U
Benzyl butyl phthalate	85-68-7	50	2.63	U	2.63	U	2.63	U
Bis(2-chloroethoxy)methane	111-91-1	5	2.63	U	2.63	U	2.63	U
Bis(2-chloroethyl)ether	111-44-4	1	2.63	U	2.63	U	2.63	U
Bis(2-chloroisopropyl)ether	108-60-1	5	2.63	U	2.63	U	2.63	U
Bis(2-ethylhexyl)phthalate	117-81-7	5	0.526	U	**11.0**		0.526	U
Caprolactam	105-60-2	~	2.63	U	2.63	U	2.63	U
Carbazole	86-74-8	~	2.63	U	2.63	U	2.63	U
Chrysene	218-01-9	0.002	0.0526	U	0.0526	U	0.0526	U
Dibenzo(a,h)anthracene	53-70-3	~	0.0526	U	0.0526	U	0.0526	U
Dibenzofuran	132-64-9	~	2.63	U	2.63	U	2.63	U
Diethyl phthalate	84-66-2	50	2.63	U	2.63	U	2.63	U
Dimethyl phthalate	131-11-3	50	2.63	U	2.63	U	2.63	U
Di-n-butyl phthalate	84-74-2	50	2.63	U	2.63	U	2.63	U
Di-n-octyl phthalate	117-84-0	50	2.63	U	2.63	U	2.63	U
Fluoranthene	206-44-0	50	0.0526	U	0.0526	U	0.0526	U
Fluorene	86-73-7	50	0.0526	U	0.0526	U	0.0526	U
Hexachlorobenzene	118-74-1	0.04	0.0211	U	0.0211	U	0.0211	U
Hexachlorobutadiene	87-68-3	0.5	0.526	U	0.526	U	0.526	U
Hexachlorocyclopentadiene	77-47-4	5	2.63	U	2.63	U	2.63	U
Hexachloroethane	67-72-1	5	0.526	U	0.526	U	0.526	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.002	0.0526	U	0.0526	U	0.0526	U
Isophorone	78-59-1	50	2.63	U	2.63	U	2.63	U
Naphthalene	91-20-3	10	0.0526	U	0.0526	U	0.0526	U
Nitrobenzene	98-95-3	0.4	0.263	U	0.263	U	0.263	U
N-Nitrosodimethylamine	62-75-9	~	0.526	U	0.526	U	0.526	U
N-nitroso-di-n-propylamine	621-64-7	~	2.63	U	2.63	U	2.63	U
N-Nitrosodiphenylamine	86-30-6	50	2.63	U	2.63	U	2.63	U
Pentachlorophenol	87-86-5	1	0.263	U	0.263	U	0.263	U
Phenanthrene	85-01-8	50	0.0526	U	0.0526	U	0.0526	U
Phenol	108-95-2	1	2.63	U	2.63	U	2.63	U
Pyrene	129-00-0	50	0.0526	U	0.0526	U	0.0526	U

Highlighted values signify detection above guidance value
Bold values signify detection above method detection limit
Q is the Qualifier Column with definitions as follows:
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Table 7

Pesticides and PCBs in Water (ug/L)
EPA Method 8081/8082
148-28 Hillside Avenue
Jamaica, NY 11435

ACT Project No.: 8346-JANY

Sample ID / Sampling Date		NYSDEC TOGS Standards and Guidance Values - GA	TW-1 12/2/16		TW-2 12/2/16		TW-3 12/2/16	
Compound	**CAS Number**		Result	Q	Result	Q	Result	Q
Pesticides, NJDEP/TCL/Part 375 List		ug/L	ug/L		ug/L		ug/L	
Dilution Factor			1		1		1	
4,4'-DDD	72-54-8	0.3	0.00400	U	0.00400	U	0.00400	U
4,4'-DDE	72-55-9	0.2	0.00400	U	0.00400	U	0.00400	U
4,4'-DDT	50-29-3	0.2	0.00400	U	0.00400	U	0.00400	U
Aldrin	309-00-2	~	0.00400	U	0.00400	U	0.00400	U
alpha-BHC	319-84-6	0.01	0.00400	U	0.00400	U	0.00400	U
alpha-Chlordane	5103-71-9	~	0.00400	U	0.00400	U	0.00400	U
beta-BHC	319-85-7	0.04	0.00400	U	0.00400	U	0.00400	U
Chlordane, total	57-74-9	0.05	0.0200	U	0.0200	U	0.0200	U
delta-BHC	319-86-8	0.04	0.00400	U	0.00400	U	0.00400	U
Dieldrin	60-57-1	0.004	0.00200	U	0.00200	U	0.00200	U
Endosulfan I	959-98-8	~	0.00400	U	0.00400	U	0.00400	U
Endosulfan II	33213-65-9	~	0.00400	U	0.00400	U	0.00400	U
Endosulfan sulfate	1031-07-8	~	0.00400	U	0.00400	U	0.00400	U
Endrin	72-20-8	~	0.00400	U	0.00400	U	0.00400	U
Endrin aldehyde	7421-93-4	5	0.0100	U	0.0100	U	0.0100	U
Endrin ketone	53494-70-5	5	0.0100	U	0.0100	U	0.0100	U
gamma-BHC (Lindane)	58-89-9	0.05	0.00400	U	0.00400	U	0.00400	U
gamma-Chlordane	5566-34-7	~	0.0100	U	0.0100	U	0.0100	U
Heptachlor	76-44-8	0.04	0.00400	U	0.00400	U	0.00400	U
Heptachlor epoxide	1024-57-3	0.03	0.00400	U	0.00400	U	0.00400	U
Methoxychlor	72-43-5	35	0.00400	U	0.00400	U	0.00400	U
Toxaphene	8001-35-2	0.06	0.100	U	0.100	U	0.100	U
Polychlorinated Biphenyls (PCB)		ug/L	ug/L		ug/L		ug/L	
Dilution Factor			1		1		1	
Aroclor 1016	12674-11-2	~	**0.135**		**0.133**		**0.102**	
Aroclor 1221	11104-28-2	~	0.0500	U	0.0500	U	0.0500	U
Aroclor 1232	11141-16-5	~	0.0500	U	0.0500	U	0.0500	U
Aroclor 1242	53469-21-9	~	0.0500	U	0.0500	U	0.0500	U
Aroclor 1248	12672-29-6	~	0.0500	U	0.0500	U	0.0500	U
Aroclor 1254	11097-69-1	~	0.0500	U	0.0500	U	0.0500	U
Aroclor 1260	11096-82-5	~	0.0500	U	0.0500	U	0.0500	U
Total PCBs	1336-36-3	0.09	**0.135**		**0.133**		**0.102**	

Highlighted values signify detection above guidance value
Bold values signify detection above method detection limit
Q is the Qualifier Column with definitions as follows:
U=analyte not detected at or above the level indicated
~=this indicates that no regulatory limit has been established for this analyte

Table 8

Metals in Water (ug/L)
EPA Method 8081/8082
148-28 Hillside Avenue
Jamaica, NY 11435

ACT Project No.: 8346-JANY

Sample ID Sampling Date	NYSDEC TOGS Standards and Guidance Values - GA	TW-1 12/2/16		TW-2 12/2/16		TW-3 12/2/16	
Compound		Result	Q	Result	Q	Result	Q
Metals, Total	ug/L	ug/L		ug/L		ug/L	
Dilution Factor		1		1		1	
Arsenic	25	4	U	4	U	4	U
Barium	1,000	**591**		**176**		**294**	
Cadmium	5	3	U	3	U	3	U
Chromium	50	**165**		**63**		**113**	
Lead	25	**21**		**12**		**16**	
Selenium	10	11	U	11	U	11	U
Silver	50	6	U	6	U	6	U
Mercury by 7473, Dissolved	ug/L	ug/L		ug/L		ug/L	
Dilution Factor		1		1		1	
Mercury	0.7	0.20	U	0.20	U	0.20	U
Metals, Dissolved	ug/L	ug/L		ug/L		ug/L	
Dilution Factor		1		1		1	
Arsenic	25	**5**		4	U	4	U
Barium	1,000	**108**		**19**		**53**	
Cadmium	5	3	U	3	U	3	U
Chromium	50	6	U	6	U	6	U
Lead	25	3	U	3	U	3	U
Selenium	10	11	U	11	U	11	U
Silver	50	6	U	6	U	6	U
Mercury by 7473, Dissolved	ug/L	ug/L		ug/L		ug/L	
Dilution Factor		1		1		1	
Mercury	0.7	0.20	U	0.20	U	0.20	U

Highlighted values signify detection above guidance value
Bold values signify detection above method detection limit
Q is the Qualifier Column with definitions as follows:
U=analyte not detected at or above the level indicated
~=this indicates that no regulatory limit has been established for this analyte

Table 9

Volatile Organic Compounds in Soil Vapor (ug/m3)
148-28 Hillside Avenue
Jamaica, NY 11435

Sample ID		SS-1		SS-2		SS-3		SV-4		SV-5		SV-6		SV-7	
York ID		15F1017-01		15F1017-02		15F1017-03		15F1017-04		15F1017-05		15F1017-06		16K0896-01	
Sampling Date		6/25/15		6/25/15		6/25/15		6/25/15		6/25/15		6/25/15		11/21/16	
Client Matrix		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor	
Compound	CAS Number	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, EPA TO15 Full List		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3	
Dilution Factor		24		24.59		20.16		24.59		20.57		25.85		22.11	
1,1,1,2-Tetrachloroethane	630-20-6	16	U	17	U	14	U	17	U	14	U	18	U	15	U
1,1,1-Trichloroethane	71-55-6	13	U	13	U	**24**	D	13	U	11	U	14	U	12	U
1,1,2,2-Tetrachloroethane	79-34-5	16	U	17	U	14	U	17	U	14	U	18	U	15	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	18	U	19	U	15	U	19	U	16	U	20	U	17	U
1,1,2-Trichloroethane	79-00-5	13	U	13	U	11	U	13	U	11	U	14	U	12	U
1,1-Dichloroethane	75-34-3	9.700	U	10	U	8.200	U	10	U	8.300	U	10	U	8.900	U
1,1-Dichloroethylene	75-35-4	9.500	U	9.700	U	8	U	9.700	U	8.200	U	10	U	8.800	U
1,2,4-Trichlorobenzene	120-82-1	18	U	18	U	15	U	18	U	15	U	19	U	16	U
1,2,4-Trimethylbenzene	95-63-6	**50**	D	**41**	D	**45**	D	**50**	D	**31**	D	**30**	D	11	U
1,2,4-Trimethylbenzene	95-63-6	**50**	D	**41**	D	**45**	D	**50**	D	**31**	D	**30**	D	11	U
1,2-Dibromoethane	106-93-4	18	U	19	U	15	U	19	U	16	U	20	U	17	U
1,2-Dibromoethane	106-93-4	18	U	19	U	15	U	19	U	16	U	20	U	17	U
1,2-Dichlorobenzene	95-50-1	14	U	15	U	12	U	15	U	12	U	16	U	13	U
1,2-Dichloroethane	107-06-2	9.700	U	10	U	8.200	U	10	U	8.300	U	10	U	8.900	U
1,2-Dichloroethane	107-06-2	9.700	U	10	U	8.200	U	10	U	8.300	U	10	U	8.900	U
1,2-Dichloropropane	78-87-5	11	U	11	U	9.300	U	11	U	9.500	U	12	U	10	U
1,2-Dichloropropane	78-87-5	11	U	11	U	9.300	U	11	U	9.500	U	12	U	10	U
1,2-Dichlorotetrafluoroethane	76-14-2	17	U	17	U	14	U	17	U	14	U	18	U	15	U
1,3,5-Trimethylbenzene	108-67-8	**15**	D	**12**	D	**14**	D	**13**	D	10	U	13	U	11	U
1,3-Butadiene	106-99-0	10	U	11	U	8.700	U	11	U	8.900	U	11	U	15	U
1,3-Butadiene	106-99-0	10	U	11	U	8.700	U	11	U	8.900	U	11	U	15	U
1,3-Dichlorobenzene	541-73-1	14	U	15	U	12	U	15	U	12	U	16	U	13	U
1,3-Dichloropropane	142-28-9	11	U	11	U	9.300	U	11	U	9.500	U	12	U	10	U
1,4-Dichlorobenzene	106-46-7	14	U	15	U	12	U	15	U	12	U	16	U	13	U
1,4-Dioxane	123-91-1	8.600	U	8.900	U	7.300	U	8.900	U	7.400	U	9.300	U	16	U
2-Butanone	78-93-3	**1,000**	BD	**1,100**	BD	**820**	BD	**62**	BD	**130**	BD	**100**	BD	6.500	U
2-Hexanone	591-78-6	190	D	**140**	D	**110**	D	20	U	17	U	21	U	18	U
3-Chloropropene	107-05-1	7.500	U	7.700	U	6.300	U	7.700	U	6.400	U	8.100	U	35	U
4-Methyl-2-pentanone	108-10-1	9.800	U	10	U	8.300	U	10	U	8.400	U	11	U	9.100	U
Acetone	67-64-1	**390**	BD	**400**	BD	**290**	BD	**430**	BD	**380**	BD	**310**	BD	**21**	D
Acetone	67-64-1	**390**	BD	**400**	BD	**290**	BD	**430**	BD	**380**	BD	**310**	BD	**21**	D
Acrylonitrile	107-13-1	5.200	U	5.300	U	4.400	U	5.300	U	4.500	U	5.600	U	4.800	U
Benzene	71-43-2	**14**	D	**17**	D	**7.700**	D	7.900	U	6.600	U	**12**	D	7.100	U
Benzyl chloride	100-44-7	12	U	13	U	10	U	13	U	11	U	13	U	11	U
Bromodichloromethane	75-27-4	15	U	15	U	13	U	15	U	13	U	16	U	15	U
Bromodichloromethane	75-27-4	15	U	15	U	13	U	15	U	13	U	16	U	15	U
Bromoform	75-25-2	25	U	25	U	21	U	25	U	21	U	27	U	23	U
Bromoform	75-25-2	25	U	25	U	21	U	25	U	21	U	27	U	23	U
Bromomethane	74-83-9	9.300	U	9.500	U	7.800	U	9.500	U	8	U	10	U	8.600	U
Carbon disulfide	75-15-0	**7.500**	D	**23**	D	6.300	U	7.700	U	**19**	D	8	U	6.900	U
Carbon tetrachloride	56-23-5	3.800	U	3.900	U	3.200	U	3.900	U	3.200	U	4.100	U	3.500	U
Chlorobenzene	108-90-7	11	U	11	U	9.300	U	11	U	9.500	U	12	U	10	U
Chloroethane	75-00-3	6.300	U	6.500	U	5.300	U	6.500	U	5.400	U	6.800	U	5.800	U
Chloroethane	75-00-3	6.300	U	6.500	U	5.300	U	6.500	U	5.400	U	6.800	U	5.800	U
Chloroform	67-66-3	12	U	12	U	**12**	D	12	U	**31**	D	13	U	11	U
Chloromethane	74-87-3	5	U	5.100	U	4.200	U	5.100	U	4.200	U	5.300	U	4.600	U
cis-1,2-Dichloroethylene	156-59-2	9.500	U	9.700	U	8	U	9.700	U	8.200	U	10	U	8.800	U
cis-1,3-Dichloropropylene	10061-01-5	11	U	11	U	9.100	U	11	U	9.300	U	12	U	10	U
Cyclohexane	110-82-7	**9.900**	D	**52**	D	6.900	U	8.500	U	**210**	D	8.900	U	7.600	U
Dibromochloromethane	124-48-1	19	U	20	U	16	U	20	U	17	U	21	U	19	U
Dibromochloromethane	124-48-1	19	U	20	U	16	U	20	U	17	U	21	U	19	U
Dichlorodifluoromethane	75-71-8	12	U	12	U	10	U	12	U	10	U	13	U	11	U
Ethyl acetate	141-78-6	17	U	18	U	15	U	18	U	15	U	19	U	16	U
Ethyl Benzene	100-41-4	**27**	D	**23**	D	**21**	D	**13**	D	**19**	D	**13**	D	9.600	U
Hexachlorobutadiene	87-68-3	26	U	26	U	22	U	26	U	22	U	28	U	24	U
Isopropanol	67-63-0	**17**	D	12	U	**19**	D	12	U	**16**	D	13	U	11	U
Methyl Methacrylate	80-62-6	9.800	U	10	U	8.300	U	10	U	8.400	U	11	U	9.100	U
Methyl tert-butyl ether (MTBE)	1634-04-4	8.600	U	8.900	U	**7.300**	D	8.900	U	7.400	U	9.300	U	8	U
Methyl tert-butyl ether (MTBE)	1634-04-4	8.600	U	8.900	U	**7.300**	D	8.900	U	7.400	U	9.300	U	8	U
Methylene chloride	75-09-2	17	U	17	U	14	U	17	U	14	U	18	U	15	U
n-Heptane	142-82-5	**27**	D	**76**	D	**18**	D	10	U	**370**	D	**11**	D	9.100	U
n-Hexane	110-54-3	**24**	D	**120**	D	**14**	D	8.700	U	**450**	D	**12**	D	7.800	U
o-Xylene	95-47-6	**48**	D	**41**	D	**39**	D	**21**	D	**26**	D	**21**	D	9.600	U
o-Xylene	95-47-6	**48**	D	**41**	D	**39**	D	**21**	D	**26**	D	**21**	D	9.600	U
p- & m- Xylenes	179601-23-1	**110**	D	**94**	D	**88**	D	**54**	D	**67**	D	**56**	D	19	U
p- & m- Xylenes	179601-23-1	**110**	D	**94**	D	**88**	D	**54**	D	**67**	D	**56**	D	19	U
p-Ethyltoluene	622-96-8	**41**	D	**33**	D	**35**	D	**27**	D	**24**	D	**23**	D	11	U
Propylene	115-07-1	4.100	U	4.200	U	3.500	U	4.200	U	3.500	U	4.400	U	3.800	U
Styrene	100-42-5	10	U	10	U	8.600	U	10	U	8.800	U	11	U	9.400	U
Tetrachloroethylene	127-18-4	**50**	D	**180**	D	**2,700**	D	**1,900**	D	**300**	D	**72**	D	10	D
Tetrahydrofuran	109-99-9	**110**	BD	**96**	BD	**120**	BD	**73**	J	61	U	**76**	J	13	U
Tetrahydrofuran	109-99-9	**110**	BD	**96**	BD	**120**	BD	**73**	J	61	U	**76**	J	13	U
Toluene	108-88-3	**100**	D	**110**	D	**76**	D	**39**	D	**120**	D	**44**	D	8.300	U
trans-1,2-Dichloroethylene	156-60-5	9.500	U	9.700	U	8	U	9.700	U	8.200	U	10	U	8.800	U
trans-1,3-Dichloropropylene	10061-02-6	11	U	11	U	9.100	U	11	U	9.300	U	12	U	10	U
Trichloroethylene	79-01-6	3.200	U	3.300	U	**55**	D	3.300	U	2.800	U	3.500	U	3	U
Trichlorofluoromethane (Freon 11)	75-69-4	13	U	14	U	11	U	14	U	12	U	15	U	12	U
Vinyl acetate	108-05-4	8.500	U	8.700	U	7.100	U	8.700	U	7.200	U	9.100	U	7.800	U
Vinyl bromide	593-60-2	10	U	11	U	8.800	U	11	U	9	U	11	U	9.700	U
Vinyl Chloride	75-01-4	1.500	U	1.600	U	1.300	U	1.600	U	1.300	U	1.700	U	5.700	U

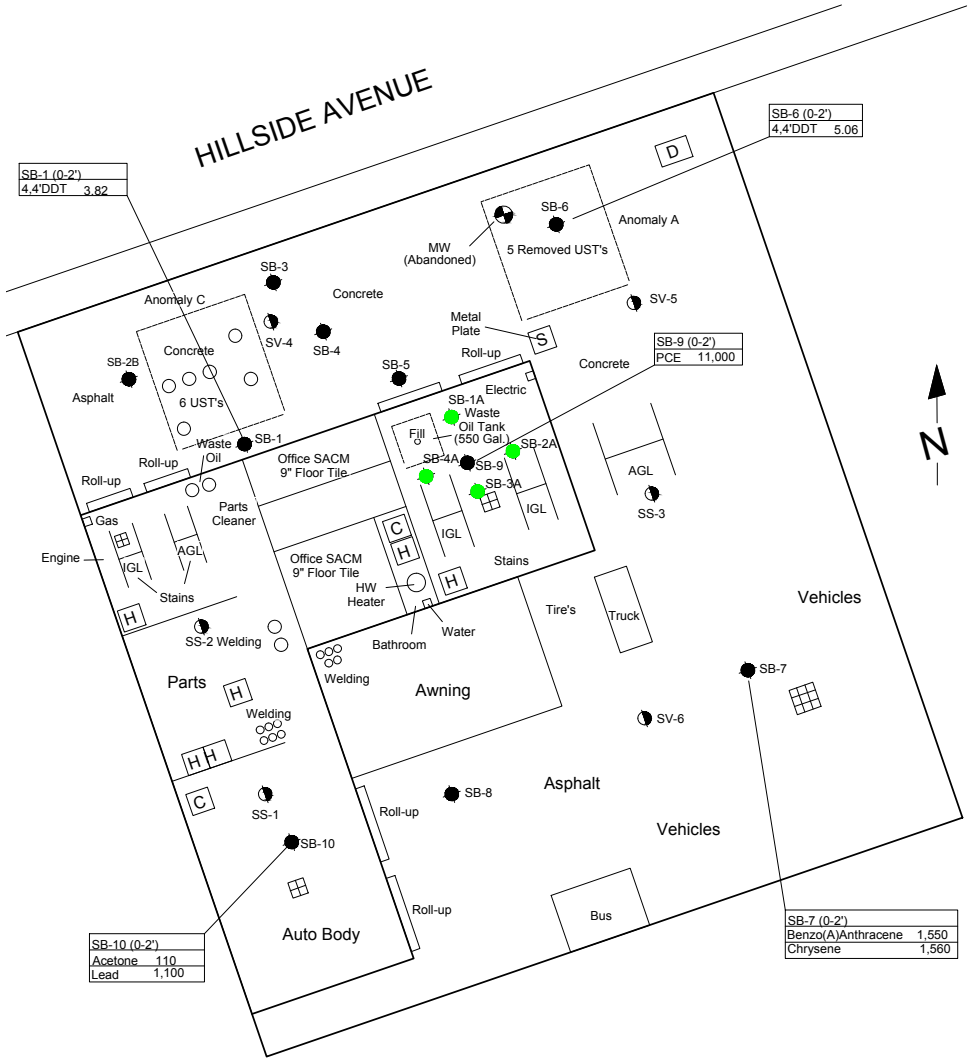
NOTES:

Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Figures



Notes

Concentrations of VOCs and SVOCs Reported in ug/kg, and Pesticides and Metals Reported in mg/kg.

Metal Exceedances Greater Than RRSCO Noted In Summary Boxes.

Legend

●	Soil Boring- OER RI
◆	Soil Boring- Supplemental Investigation
●	Soil Vapor / Sub-Slab Soil Vapor Sampling Location
⌖	Groundwater Monitoring Well Location

Title

Exceedances in Soil Borings

No.	Revision/Issue	Date

Advanced Cleanup Technologies
Environmental Consultants
200 Broadhollow Road-Suite 207
Melville, New York 11747

Project Name and Address

8346-JANY
148-28 Hillside Ave.
Queens, NY
11435

Project: 8346-JANY	Figure: 1
Date: 12/3/2021	
Scale: As Noted	

Notes

Concentrations Reported in ug/m3
Values exceed NYSDOH Air Guidelines

Legend

	Soil Boring- OER RI
	Soil Boring- Supplemental Investigation
	Soil Vapor / Sub-Slab Soil Vapor Sampling Location
	Groundwater Monitoring Well Location

Title

Exceedances in Soil Vapor

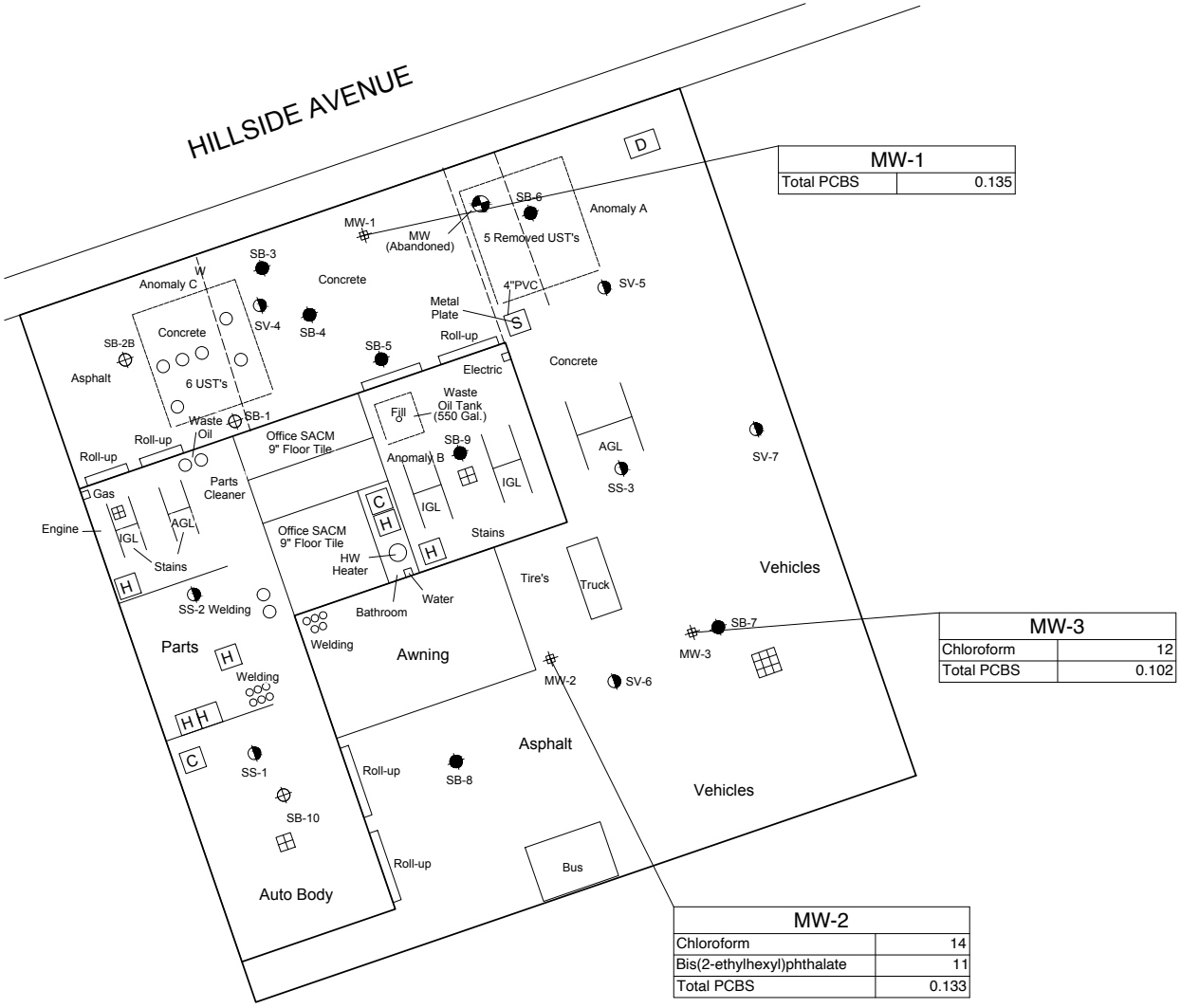
No.	Revision/Issue	Date

Advanced Cleanup Technologies
Environmental Consultants
200 Broadhollow Road-Suite 207
Melville, New York 11747

Project Name and Address

8346-JANY
148-28 Hillside Ave.
Queens, NY
11435

Project	Figure
8346-JANY	2
Date: 12/3/2021	
Scale: As Noted	



MW-1	
Total PCBS	0.135

MW-3	
Chloroform	12
Total PCBS	0.102

MW-2	
Chloroform	14
Bis(2-ethylhexyl)phthalate	11
Total PCBS	0.133

Notes

Concentrations exceed NYSDEC TOGS Standards and Guidance Values - GA.

Compound unit: ug/L

Legend

●	Soil Boring- OER RI
◆	Soil Boring- Supplemental Investigation
●	Soil Vapor / Sub-Slab Soil Vapor Sampling Location
⌖	Groundwater Monitoring Well Location

Title

Exceedances in GW

No.	Revision/Issue	Date

Advanced Cleanup Technologies
Environmental Consultants
200 Broadhollow Road-Suite 207
Melville, New York 11747

Project Name and Address

8346-JANY
148-28 Hillside Ave.
Queens, NY
11435

Project	Figure
8346-JANY	3
Date: 12/3/2021	
Scale: As Noted	

Property Base Map

Notes

Legend	
	Site Boundary
	Former Building Boundary
	Former Petroleum Storage Facilities
	Former Storm and Floor Drains
MW-1	Monitoring Well
SB-1	Soil Boring
SV-1	Soil Vapor Point

Title

Basemap

No.	Revision/Issue	Date

Advanced Cleanup Technologies
Environmental Consultants
200 Broadhollow Road-Suite 207
Melville, New York 11747

Project Name and Address

C241199
148-28 Hillside AVE
Jamaica, NY
11435

Project	Figure
8346-JANY	4
Date: 1/3/2022	
Scale: As Noted	

City Tax Map

148-28 hillside - Digital Tax Map - New York City Dept. of Finance (8/2/2021)

Borough Boundary		C50	Condo Flag/Condo Nunber
Tax Block Boundary		A50	Air Right Flag/Lot Number
50	Tax Block Number	S50	Subterranean Right Flag/Lot Number
Tax Lot Boundary		R	REUC Flag
50	Tax Lot Number		Under Water Tax Lot Boundary
~~50~~	Condo FKA Tax Lot Number		Other Boundary
50.5	Tax Lot Dimension		Possession Hook
+/-5.5	Approximate Tax Lot Dimension	Misc	Miscelaneous Text
1500 - 1550	Condo Units Range Label		Small Tax Lot Dimension
	Building Footprint		Surface Water

QUEENS Block: 9694 Lot: 17

- Additional Tax Lot Information

Tax Lot

ACRIS	Effective Tax Year
View	N/A

QUEENS Block: 9694 Lot: 17

- Building & Property Information

Borough: QUEENS **Block:** 9694 **Lot:** 17
Police Precinct: 103
Owner: HILLSIDE 168 INC.

Address: 148-18 HILLSIDE AVENUE 11435
Lot Area: 17450 sf
Lot Frontage: 125' **Lot Depth:** 138
Year Built: unknown N/A
Number of Buildings: 2
Number of Floors: 0
Gross Floor Area: 0 sf (estimated)
Residential Units: 0 **Total # of Units:** 0
Land Use: Vacant Land
Zoning: R7A
Commercial Overlay: C2-3
Zoning Map #: 14D

Dept. of City Planning, PLUTO 19v1 © 2019 and other city agency sources

Links to More Information

Address Translator

Building Profile

Building Registration/Violation

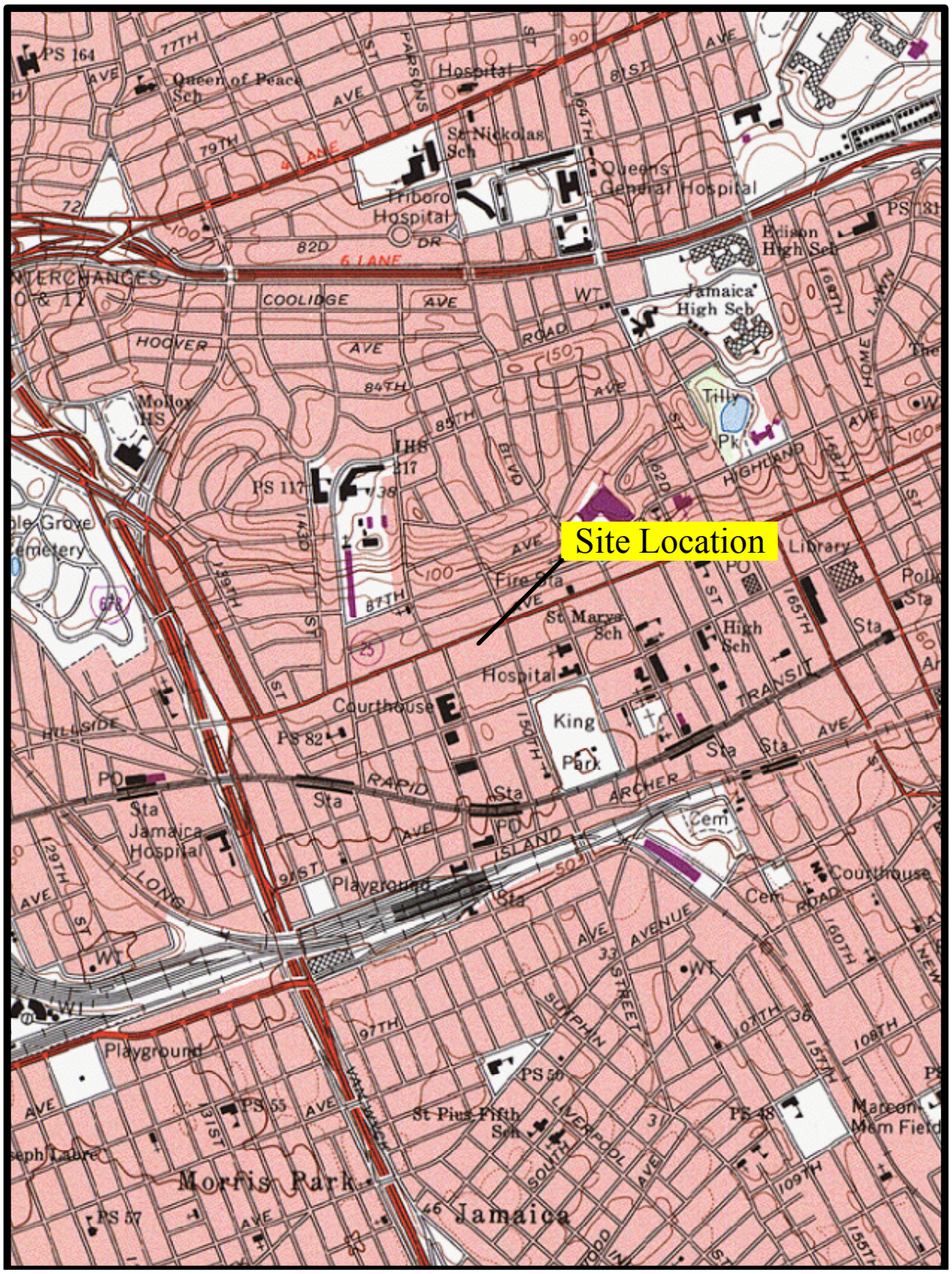
DCP Zoning Map 14D

DOF Digital Tax Map

DOHMH Rat Information Portal

Tax and Property Records

USGS 7.5 Minute Quad Map



From USGS 7.5 Minute Topographic Map Of Jamaica, NY Quadrangle

N

Locational Diagram

Advanced Cleanup Technologies, Inc.
ENVIRONMENTAL CONSULTANTS
110 Main Street, Suite 103, Port Washington, NY 11050
Tel: 516-441-5800 Fax: 516-441-5511

Project No.: 8346-JANY	Figure No.: 1
Date: 06/12/2015	Scale: 1 inch = 2000 feet

Deed Cover Page and LLC Printout

Department of State
Division of Corporations

Entity Information

Return to Results | Return to Search

Entity Details

ENTITY NAME:
HILLSIDE 168 INC.

DOS ID:
4786915

FOREIGN LEGAL NAME:

FICTITIOUS NAME:

ENTITY TYPE:
DOMESTIC BUSINESS CORPORATION

DURATION DATE/LATEST DATE OF DISSOLUTION:

SECTIONOF LAW:
402 BCL - BUSINESS CORPORATION LAW

ENTITY STATUS:
Active

DATE OF INITIAL DOS FILING:
07/09/2015

REASON FOR STATUS:

EFFECTIVE DATE INITIAL FILING:
07/09/2015

INACTIVE DATE:

FOREIGN FORMATION DATE:

STATEMENT STATUS:
CURRENT

COUNTY:
Queens

NEXT STATEMENT DUE DATE:
07/31/2021

JURISDICTION:
New York, United States

NFP CATEGORY:

ENTITY DISPLAY | NAME HISTORY | FILING HISTORY | MERGER HISTORY | ASSUMED NAME HISTORY

Service of Process Name and Address

Name: HILLSIDE 168 INC.

Address: 4630 KISSENA BLVD, FLUSHING, NY, United States, 11355

Chief Executive Officer's Name and Address

Name: CHUNG LAM

Address: 4630 KISSENA BLVD, FLUSHING, NY, United States, 11355

Principal Executive Office or Owner Name and Address

Name:

Address:

Registered Agent Name and Address

Name:

Address:

Entity Primary Location Name and Address

Name:

Address:

Farmcorpflag

Is The Entity A Farm Corporation: No

Stock Information

Share Value	Number Of Shares	Value Per Share
NO PAR VALUE	200	

August 1, 2021 | 1:20 pm

COVID-19 Updates

Department of State
Division of Corporations

Entity Name History

Return to Results | Return to Search

Entity Details

ENTITY NAME:
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07/09/2015

INACTIVE DATE:

FOREIGN FORMATION DATE:

STATEMENT STATUS:
CURRENT

COUNTY:
Queens

NEXT STATEMENT DUE DATE:
07/31/2021

JURISDICTION:
New York, United States

NFP CATEGORY:

ENTITY DISPLAY | NAME HISTORY | FILING HISTORY | MERGER HISTORY | ASSUMED NAME HISTORY

Search

File Date	Document Type	Entity Name	File Number
07/09/2015	CERTIFICATE OF INCORPORATION	HILLSIDE 168 INC.	150709010107

Rows per page: 5 1-1 of 1

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

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

2015102001216002001E50AA

RECORDING AND ENDORSEMENT COVER PAGE **PAGE 1 OF 5**

Document ID: 2015102001216002 Document Date: 10-14-2015 Preparation Date: 10-20-2015
Document Type: DEED
Document Page Count: 3

PRESENTER:
TITLETRAK AGENCY LLC
130 EAST 40TH STREET
SUITE 400
NEW YORK, NY 10016
212-922-9003
TTA-123310

RETURN TO:
HENG CHEN, ESQ.
36-26 MAIN STREET, SUITE 3A
FLUSHING, NY 11354

PROPERTY DATA

Borough	Block	Lot	Unit	Address
QUEENS	9694	17	Entire Lot	148-26 HILLSIDE AVENUE

Property Type: COMMERCIAL REAL ESTATE

CROSS REFERENCE DATA

CRFN_____ *or* DocumentID_____ *or* _____ Year_____ Reel____ Page_____ *or* File Number_____

PARTIES

GRANTOR/SELLER:
MARK EKERLING
2424 EAST 73RD STREET
BROOKLYN, NY 11234

☒ Additional Parties Listed on Continuation Page

GRANTEE/BUYER:
HILLSIDE 168 INC.
148-26 HILLSIDE AVENUE
JAMAICA, NY 11432

FEES AND TAXES

Mortgage :

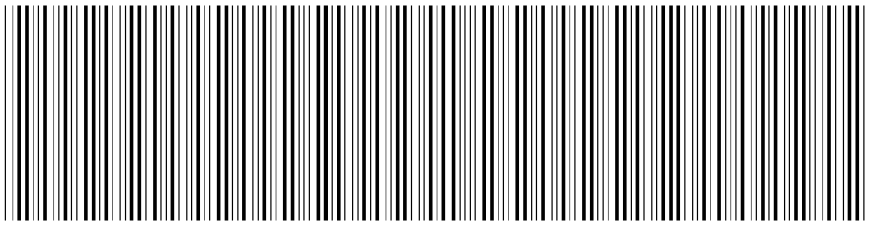
Mortgage Amount:	$	0.00
Taxable Mortgage Amount:	$	0.00
Exemption:		
TAXES: County (Basic):	$	0.00
City (Additional):	$	0.00
Spec (Additional):	$	0.00
TASF:	$	0.00
MTA:	$	0.00
NYCTA:	$	0.00
Additional MRT:	$	0.00
TOTAL:	$	0.00
Recording Fee:	$	52.00
Affidavit Fee:	$	0.00

Filing Fee:	$	250.00
NYC Real Property Transfer Tax:	$	157,500.00
NYS Real Estate Transfer Tax:	$	24,000.00

RECORDED OR FILED IN THE OFFICE OF THE CITY REGISTER OF THE CITY OF NEW YORK
Recorded/Filed 10-22-2015 11:48
City Register File No.(CRFN): **2015000378253**

City Register Official Signature

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER



2015102001216002001C522A

RECORDING AND ENDORSEMENT COVER PAGE (CONTINUATION) **PAGE 2 OF 5**

Document ID: 2015102001216002 Document Date: 10-14-2015 Preparation Date: 10-20-2015
Document Type: DEED

PARTIES

GRANTOR/SELLER:
JOSE CASTILLO
150-28 87TH ROAD
JAMAICA, NY 11432

GRANTOR/SELLER:
JARKON REALTY CO.
148-26 HILLSIDE AVENUE
JAMAICA, NY 11432

BARGAIN AND SALE DEED WITH COVENANT AGAINST GRANTOR'S ACTS (INDIVIDUAL OR CORPORATION)

STANDARD NYBTU FORM 8007

CAUTION: THIS AGREEMENT SHOULD BE PREPARED BY AN ATTORNEY AND REVIEWED BY ATTORNEYS FOR SELLER AND PURCHASER BEFORE SIGNING.

THIS INDENTURE, made the 14th day of October Two Thousand and **Fifteen,**

between **MARK EKERLING** residing at 2424 East 73rd Street, Brooklyn, NY 11234 and **JOSE CASTILLO** residing at 150-28 87th Road, Jamaica, NY 11432 **d/b/a JARKON REALTY CO.,** party of the first part, and **HILLSIDE 168 INC.,** having a principal of business at 46-30 Kissena Boulevard, Flushing NY 11355, party of the second part.

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

ALL that certain plot, piece or parcel of land, with the buildings and improvements thereon erected, situate, lying and being in the

See the Annexed Schedule "A"

Premises: 148-26 Hillside Avenue
Jamaica, NY 11432

Block: 9694 Lot: 17

"Being the same premises conveyed to Grantors by deed dated 01/30/1984, and recorded on 03/22/1984 in Reel 1656 Page 369."

"Being the same premises conveyed to Grantors by deed dated 08/27/2013, and recorded on 09/17/2013 in CRFN 2013000382232."

"Being the same premises conveyed to Grantors by deed dated 05/30/2013, and recorded on 12/10/2013 in CRFN 2013000506994."

"Being the same premises conveyed to Grantors by deed dated 01/30/2014, and recorded on 02/06/2014 in CRFN 2014000048130."

TOGETHER with all right, title and interest, if any, of the party of the first part in and to any streets and roads abutting the above described premises to the center lines thereof,

TOGETHER with the appurtenances and all the estate and rights of the party of the first part in and to said premises,

TO HAVE AND TO HOLD the premises herein granted unto the party of the second part, the heirs or successors and assigns of the party of the second part forever.

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

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

SCHEDULE A DESCRIPTION

ALL that certain plot, piece or parcel of land, with the buildings and improvements thereon erected, situate, lying and being in the Borough and County of Queens, City and State of New York, known and designated as lots 179, 180, 181, 182 and 183, on a certain map entitled, "Map No. 2 Bronson Property, in the Village of Jamaica, Queens County, surveyed August 1887 by E.W. Conklin," and filed in the Office of the Clerk, now Register, of the County of Queens on September 28, 1887 as Map No. 641, which said lots when taken together are bounded and described according to said map as follows:

BEGINNING at point on the Southerly side of Hillside Avenue, distance 275 feet Westerly from the corner formed by the intersection of the Southerly side of Hillside Avenue with the Westerly side of 150th Street (formerly Alsop Street);

RUNNING THENCE Southerly parallel with 150th Street 139.60 feet;

THENCE Westerly parallel with 88th Avenue (formerly Willett Avenue) 125 feet;

THENCE Northerly again parallel with 150th street 137 feet 2 inches to the Southerly side of Hillside Avenue; and

THENCE Easterly along the Southerly side of Hillside Avenue 125 feet to the point or place of BEGINNING.

Block: 9694
Lot: 17

FOR INFO ONLY:
Said premises being known as 148-26 Hillside Avenue, Jamaica, New York 11432

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

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

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

MARK EKERLING

JOSE CASTILLO

IN PRESENCE OF:

Acknowledgment by a Person Within New York State (RPL § 309-a)

STATE OF NEW YORK)
) ss.:
COUNTY OF Queens)

On the 14 day of **October** in the year **2015** before me, the undersigned, personally appeared **MARK EKERLING and JOSE CASTILLO** personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

DANA M TROVATO
NOTARY PUBLIC-STATE OF NEW YORK
No. 01TR6131805
Qualified in Nassau County
My Commission Expires August 15, 2017

(signature and office of individual taking acknowledgment)

Bargain & Sale Deed with Covenant Against Grantor's Acts

Title

MARK EKERLING, JOSE CASTILLO and JARKON REALTY CO.

to

HILLSIDE 168 INC.

Section:
Block: 9694
Lot: 17
County or Town: Queens
Street Address: 148- 26 Hillside Avenue
Jamaica, NY 11432

Return By Mail To:

HENG CHEN, ESQ.
36-26 MAIN STREET, SUITE 3A
FLUSHING, NY 11354

Reserve This Space For Use Of Recording Office

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

2015102001216002001S9E2B

SUPPORTING DOCUMENT COVER PAGE **PAGE 1 OF 1**

Document ID: 2015102001216002 Document Date: 10-14-2015 Preparation Date: 10-20-2015
Document Type: DEED

ASSOCIATED TAX FORM ID: 2015101300393

SUPPORTING DOCUMENTS SUBMITTED:

	Page Count
DEP CUSTOMER REGISTRATION FORM FOR WATER AND SEWER BILLING	1
RP - 5217 REAL PROPERTY TRANSFER REPORT	4
SMOKE DETECTOR AFFIDAVIT	1

The City of New York
Department of Environmental Protection
Bureau of Customer Services
59-17 Junction Boulevard
Flushing, NY 11373-5108

Customer Registration Form for Water and Sewer Billing

Property and Owner Information:

(1) Property receiving service: BOROUGH: QUEENS BLOCK: 9694 LOT: 17

(2) Property Address: 148-26 HILLSIDE AVENUE, QUEENS, NY 11435

(3) Owner's Name: HILLSIDE 168 INC.

Additional Name:

Affirmation:

☑ Your water & sewer bills will be sent to the property address shown above.

Customer Billing Information:

Please Note:

A. Water and sewer charges are the legal responsibility of the owner of a property receiving water and/or sewer service. The owner's responsibility to pay such charges is not affected by any lease, license or other arrangement, or any assignment of responsibility for payment of such charges. Water and sewer charges constitute a lien on the property until paid. In addition to legal action against the owner, a failure to pay such charges when due may result in foreclosure of the lien by the City of New York, the property being placed in a lien sale by the City or Service Termination.

B. Original bills for water and/or sewer service will be mailed to the owner, **at the property address or to an alternate mailing address.** DEP will provide a duplicate copy of bills to one other party (such as a managing agent), however, any failure or delay by DEP in providing duplicate copies of bills shall in no way relieve the owner from his/her liability to pay all outstanding water and sewer charges. Contact DEP at (718) 595-7000 during business hours or visit www.nyc.gov/dep to provide us with the other party's information.

Owner's Approval:

The undersigned certifies that he/she/it is the owner of the property receiving service referenced above; that he/she/it has read and understands Paragraphs A & B under the section captioned "Customer Billing Information"; and that the information supplied by the undersigned on this form is true and complete to the best of his/her/its knowledge.

Print Name of Owner: 10/14/2015

Signature: Chung Lam Date (mm/dd/yyyy)

Name and Title of Person Signing for Owner, if applicable:

Chung Lam.

BCS-7CRF-ACRIS REV. 8/08

2015101300393101

FOR CITY USE ONLY

C1. County Code | | C2. Date Deed Recorded | / / | Month Day Year

C3. Book OR C4. Page | | | |

C5. CRFN | |

REAL PROPERTY TRANSFER REPORT

STATE OF NEW YORK
STATE BOARD OF REAL PROPERTY SERVICES

RP - 5217NYC

PROPERTY INFORMATION

1. Property Location: 148-26 (STREET NUMBER) | HILLSIDE AVENUE (STREET NAME) | QUEENS (BOROUGH) | 11435 (ZIP CODE)

2. Buyer Name: HILLSIDE 168 INC. (LAST NAME / COMPANY) | (FIRST NAME)

(LAST NAME / COMPANY) | (FIRST NAME)

3. Tax Billing Address: Indicate where future Tax Bills are to be sent if other than buyer address (at bottom of form) (LAST NAME / COMPANY) | (FIRST NAME)

(STREET NUMBER AND STREET NAME) | (CITY OR TOWN) | (STATE) | (ZIP CODE)

4. Indicate the number of Assessment Roll parcels transferred on the deed: 1 # of Parcels OR ☐ Part of a Parcel

4A. Planning Board Approval - N/A for NYC

4B. Agricultural District Notice - N/A for NYC

5. Deed Property Size: (FRONT FEET) X (DEPTH) OR (ACRES)

Check the boxes below as they apply:

6. Ownership Type is Condominium ☐

7. New Construction on Vacant Land ☐

8. Seller Name: EKERLING (LAST NAME / COMPANY) | MARK (FIRST NAME)

CASTILLO (LAST NAME / COMPANY) | JOSE (FIRST NAME)

9. Check the box below which most accurately describes the use of the property at the time of sale:

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

SALE INFORMATION

10. Sale Contract Date: 6 / 2 / 2015 (Month Day Year)

11. Date of Sale / Transfer: 10 / 14 / 2015 (Month Day Year)

12. Full Sale Price $ 6,000,000

(Full Sale Price is the total amount paid for the property including personal property. This payment may be in the form of cash, other property or goods, or the assumption of mortgages or other obligations.) *Please round to the nearest whole dollar amount.*

13. Indicate the value of personal property included in the sale | |

14. Check one or more of these conditions as applicable to transfer:

A ☐ Sale Between Relatives or Former Relatives
B ☐ Sale Between Related Companies or Partners in Business
C ☐ One of the Buyers is also a Seller
D ☐ Buyer or Seller is Government Agency or Lending Institution
E ☐ Deed Type not Warranty or Bargain and Sale (Specify Below)
F ☐ Sale of Fractional or Less than Fee Interest (Specify Below)
G ☐ Significant Change in Property Between Taxable Status and Sale Dates
H ☐ Sale of Business is Included in Sale Price
I ☐ Other Unusual Factors Affecting Sale Price (Specify Below)
J ☑ None

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

15. Building Class | G1 |

16. Total Assessed Value (of all parcels in transfer) | 287,100 |

17. Borough, Block and Lot / Roll Identifier(s) (If more than three, attach sheet with additional identifier(s))

| QUEENS 9694 17 | | |

20151013003932010 3

CERTIFICATION

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

BUYER		BUYER'S ATTORNEY	
Chung Lam	10/14/2015		
BUYER SIGNATURE	DATE	LAST NAME	FIRST NAME
148-26 HILLSIDE AVENUE	Chung Lam, President		
STREET NUMBER / STREET NAME (AFTER SALE)		AREA CODE / TELEPHONE NUMBER	
JAMAICA	NY 11432	SELLER	
CITY OR TOWN	STATE / ZIP CODE	SELLER SIGNATURE	DATE 10/14/2015

2015101300393201

Grantee (Buyer)

LAST NAME / COMPANY
FIRST NAME

Grantor (Seller)

JARKON REALTY CO.

LAST NAME / COMPANY
FIRST NAME

Grantee (Buyer)

LAST NAME / COMPANY
FIRST NAME

Grantor (Seller)

LAST NAME / COMPANY
FIRST NAME

Grantee (Buyer)

LAST NAME / COMPANY
FIRST NAME

Grantor (Seller)

LAST NAME / COMPANY
FIRST NAME

Grantee (Buyer)

LAST NAME / COMPANY
FIRST NAME

Grantor (Seller)

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LAST NAME / COMPANY
FIRST NAME

Grantor (Seller)

LAST NAME / COMPANY
FIRST NAME

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

BUYERS		SELLERS	
Buyer Signature	Date	Seller Signature	Date 10|14|2015
Buyer Signature	Date	Seller Signature	Date 10|14|2015
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date

AFFIDAVIT OF COMPLIANCE WITH SMOKE DETECTOR REQUIREMENT FOR ONE- AND TWO-FAMILY DWELLINGS

State of New York)
) SS.:
County of Queens)

The undersigned, being duly sworn, depose and say under penalty of perjury that they are the grantor and grantee of the real property or of the cooperative shares in a cooperative corporation owning real property located at

148-26 HILLSIDE AVENUE , ,
Street Address Unit/Apt.

QUEENS New York, 9694 17 (the "Premises");
Borough Block Lot

That the Premises is a one or two family dwelling, or a cooperative apartment or condominium unit in a one- or two-family dwelling, and that installed in the Premises is an approved and operational smoke detecting device in compliance with the provisions of Article 6 of Subchapter 17 of Chapter 1 of Title 27 of the Administrative Code of the City of New York concerning smoke detecting devices;

That they make affidavit in compliance with New York City Administrative Code Section 11-2105 (g). (The signatures of at least one grantor and one grantee are required, and must be notarized).

Mark Ekerling	HILLSIDE 168 INC.
Name of Grantor (Type or Print)	Name of Grantee (Type or Print)
Signature of Grantor	Signature of Grantee Chung L. Cam, president
Sworn to before me this 14 date of OCTOBER 20 15	Sworn to before me this 14 date of OCTOBER 20 15
DANA M TROVATO NOTARY PUBLIC-STATE OF NEW YORK No. 01TR6131805 Qualified In Nassau County My Commission Expires August 15, 2017	DANA M TROVATO NOTARY PUBLIC-STATE OF NEW YORK No. 01TR6131805 Qualified In Nassau County My Commission Expires August 15, 2017

These statements are made with the knowledge that a willfully false representation is unlawful and is punishable as a crime of perjury under Article 210 of the Penal Law.

NEW YORK CITY REAL PROPERTY TRANSFER TAX RETURNS FILED ON OR AFTER FEBRUARY 6th, 1990, WITH RESPECT TO THE CONVEYANCE OF A ONE- OR TWO-FAMILY DWELLING, OR A COOPERATIVE APARTMENT OR A CONDOMINIUM UNIT IN A ONE- OR TWO-FAMILY DWELLING, WILL NOT BE ACCEPTED FOR FILING UNLESS ACCOMPANIED BY THIS AFFIDAVIT.

Repository Confirmation Letters

Gmail

Jason Stewart <jasons@act.earth>

Fwd: Request to be a Document Repository

1 message

Sultana Mohammed <sultanam@act.earth> Tue, Nov 30, 2021 at 11:51 AM
To: Jason Stewart <jasons@act.earth>

Leah Goldschmitt: branch manager of Queen's Library Richmond Hill branch

---------- Forwarded message ---------
From: **Goldschmitt, Leah T** <Leah.T.Goldschmitt@queenslibrary.org>
Date: Tue, Nov 30, 2021 at 11:48 AM
Subject: RE: Request to be a Document Repository
To: Sultana Mohammed <sultanam@act.earth>

Hello Sultana,

Sure. Richmond Hill can be a repository for this document.

Thank you,

Leah Goldschmitt

Assistant Community Library Manager-Richmond Hill Library

118-14 Hillside Avenue

Richmond Hill, NY 11418

Phone:718-849-7150

Fax: 718-849-4717

Leah.T.Goldschmitt@Queenslibrary.org

From: Sultana Mohammed [sultanam@act.earth]
Sent: Tuesday, November 30, 2021 11:44 AM
To: Goldschmitt, Leah T
Subject: Request to be a Document Repository

Good afternoon,

I am an environmental consultant representing a property at 148-28 Hillside Avenue, Jamaica NY 11435 that will undergo an environmental investigation administered by the DEC as part of its Brownfields Cleanup Program. The DEC would like the Queens Public Library - Richmond Hill Branch to act as a repository for documents related to the investigation. The purpose and function of a document repository is explained in the following except 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. Please let me know if you have any questions.

Best,
Sultana Mohammed
--
Sultana Mohammed
Environmental Scientist
Advanced Cleanup Technologies, Inc.
200 Broadhollow Road, Suite 2607, Melville, NY 11747

--
Sultana Mohammed
Environmental Scientist
Advanced Cleanup Technologies, Inc.
200 Broadhollow Road, Suite 2607, Melville, NY 11747

Gmail

Jason Stewart <jasons@act.earth>

Fwd: [EXTERNAL] Re: Request to be a Document Repository

1 message

Sultana Mohammed <sultanam@act.earth> Wed, Dec 8, 2021 at 12:44 PM
To: Jason Stewart <jasons@act.earth>

Response from Queens Community District 12

---------- Forwarded message ---------
From: **QN12 (CB)** <QN12@cb.nyc.gov>
Date: Wed, Dec 8, 2021 at 12:37 PM
Subject: Re: [EXTERNAL] Re: Request to be a Document Repository
To: Sultana Mohammed <sultanam@act.earth>
Cc: Reddick, Yvonne (CB) <yreddick@cb.nyc.gov>

Good Afternoon Sultana

As per the District Manager, Yvonne Reddick, Queens Community District 12 has no objections in acting as a repository for documents related to the investigation administered by the DEC as part of its Brownfields Cleanup Program.

QN12

On Thu, Dec 2, 2021 at 11:03 AM Sultana Mohammed <sultanam@act.earth> wrote:

> To whom it may concern:
>
> I am an environmental consultant representing a property at 148-28 Hillside Avenue, Jamaica NY 11435 that will undergo an environmental investigation administered by the DEC as part of its Brownfields Cleanup Program. The DEC would like the Queens Community District 12 to act as a repository for documents related to the investigation. The purpose and function of a document repository is explained in the following except 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. Please let me know if you have any questions.
>
> Best,
> Sultana Mohammed
>
> --
> Sultana Mohammed
> Environmental Scientist
> Advanced Cleanup Technologies, Inc.
> 228 Park Ave S PMB 34864, New York, NY 10003
> Office Ph: (516) 441-5800
> https://www.actenvirons.com/