



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 10

Section I. Requestor Information - See Instructions for Further Guidance		DEC USE ONLY BCP SITE #: _____
NAME		
ADDRESS		
CITY/TOWN		ZIP CODE
PHONE	FAX	E-MAIL
<p>Is the requestor authorized to conduct business in New York State (NYS)? Yes No</p> <ul style="list-style-type: none"> 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. (See Appendix A) <p>Do all individuals that will be certifying documents meet the requirements detailed below? Yes No</p> <ul style="list-style-type: none"> Individuals that will be certifying BCP documents, as well as their employers, meet the requirements of Section 1.5 of DER-10: Technical Guidance for Site Investigation and Remediation and Article 145 of New York State Education Law. Documents that are not properly certified will be not approved under the BCP. 		
Section II. Project Description		
1. What stage is the project starting at?	Investigation	Remediation
2. If the project is starting at the remediation stage, a Remedial Investigation Report (RIR), Alternatives Analysis, and Remedial Work Plan must be attached (see DER-10 / Technical Guidance for Site Investigation and Remediation for further guidance).		
3. If a final RIR is included, please verify it meets the requirements of Environmental Conservation Law (ECL) Article 27-1415(2): Yes No		
4. Please attach a short description of the overall development project, including:		
<ul style="list-style-type: none"> the date that the remedial program is to start; and (See Appendix B) the date the Certificate of Completion is anticipated. 		

Section III. Property's Environmental History

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

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

- 1. Reports:** an example of an Investigation Report is a Phase II Environmental Site Assessment report prepared in accordance with the latest American Society for Testing and Materials standard (ASTM E1903). **Please submit a separate electronic copy of each report in Portable Document Format (PDF).**

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

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

*Please describe: _____

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

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

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

ARE THE REQUIRED MAPS INCLUDED WITH THE APPLICATION?*

(*answering No will result in an incomplete application)

Yes

No

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

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 (See Appendix D)

PROPOSED SITE NAME

ADDRESS/LOCATION

CITY/TOWN

ZIP CODE

MUNICIPALITY(IF MORE THAN ONE, LIST ALL):

COUNTY

SITE SIZE (ACRES)

LATITUDE (degrees/minutes/seconds)

LONGITUDE (degrees/minutes/seconds)

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

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

2. Is the required property map attached to the application?
(application will not be processed without map) Yes No

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 : _____

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

N/A

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

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

Yes No

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, except for sites seeking eligibility under the underutilized category.

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

Initials of each Requestor: DD _____

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		
ADDRESS		
CITY/TOWN	ZIP CODE	
PHONE	FAX	E-MAIL
NAME OF REQUESTOR'S CONSULTANT		
ADDRESS		
CITY/TOWN	ZIP CODE	
PHONE	FAX	E-MAIL
NAME OF REQUESTOR'S ATTORNEY		
ADDRESS		
CITY/TOWN	ZIP CODE	
PHONE	FAX	E-MAIL

Section VI. Current Property Owner/Operator Information – if not a Requestor		
CURRENT OWNER'S NAME	OWNERSHIP START DATE:	
ADDRESS		
CITY/TOWN	ZIP CODE	
PHONE	FAX	E-MAIL
CURRENT OPERATOR'S NAME		
ADDRESS		
CITY/TOWN	ZIP CODE	
PHONE	FAX	E-MAIL
<p>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".</p> <p style="text-align: center; color: red;">(See Appendix E)</p> <p>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.</p> <p style="text-align: center; color: red;">(See Appendix E)</p>		

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 (See Appendix F)

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 X. Land Use Factors

1. What is the current municipal zoning designation for the site? _____

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) **(See Appendix D)**

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.**

(See Appendix B)

If residential, does it qualify as single family housing?

Yes No

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

Yes No

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

Yes No

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

Yes No

XI. Statement of Certification and Signatures

(By requestor who is an individual)

If this application is approved, I hereby acknowledge and agree: (1) to execute a Brownfield Cleanup Agreement (BCA) within 60 days of the date of DEC's approval letter; (2) to the general terms and conditions set forth in the [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 Authorized Signatory (title) of SV-B Owners LLC (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: 1/2/18 Signature: 

Print Name: David Dishy

SUBMITTAL INFORMATION:

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

FOR DEC USE ONLY

BCP SITE T&A CODE: _____ LEAD OFFICE: _____

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

BCP App Rev 10

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):		
<p>"Upside down" shall mean a property where the projected and incurred cost of the investigation and remediation which is protective for the anticipated use of the property equals or exceeds seventy-five percent of its independent appraised value, as of the date of submission of the application for participation in the brownfield cleanup program, developed under the hypothetical condition that the property is not contaminated.</p>		
<p>From 6 NYCRR 375-3.2(I) as of August 12, 2016: (Please note: Eligibility determination for the underutilized category can only be made at the time of application)</p>		
<p>375-3.2:</p> <p>(I) "Underutilized" means, as of the date of application, real property on which no more than fifty percent of the permissible floor area of the building or buildings is certified by the applicant to have been used under the applicable base zoning for at least three years prior to the application, which zoning has been in effect for at least three years; and</p> <p>(1) the proposed use is at least 75 percent for industrial uses; or</p> <p>(2) at which:</p> <p>(i) the proposed use is at least 75 percent for commercial or commercial and industrial uses;</p> <p>(ii) the proposed development could not take place without substantial government assistance, as certified by the municipality in which the site is located; and</p> <p>(iii) one or more of the following conditions exists, as certified by the applicant:</p> <p>(a) property tax payments have been in arrears for at least five years immediately prior to the application;</p> <p>(b) a building is presently condemned, or presently exhibits documented structural deficiencies, as certified by a professional engineer, which present a public health or safety hazard; or</p> <p>(c) there are no structures.</p> <p>"Substantial government assistance" shall mean a substantial loan, grant, land purchase subsidy, land purchase cost exemption or waiver, or tax credit, or some combination thereof, from a governmental entity.</p>		

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

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

Project is an Affordable Housing Project - Regulatory Agreement Attached;

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

This is Not an Affordable Housing Project.

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

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

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

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

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

BCP Application Summary (for DEC use only)

Site Name:

City:

Site Address:

County:

Zip:

Tax Block & Lot

Section (if applicable):

Block:

Lot:

Requestor Name:

City:

Requestor Address:

Zip:

Email:

Requestor's Representative (for billing purposes)

Name:

Address:

City:

Zip:

Email:

Requestor's Attorney

Name:

Address:

City:

Zip:

Email:

Requestor's Consultant

Name:

Address:

City:

Zip:

Email:

Percentage claimed within an En-Zone:

0%

<50%

50-99%

100%

DER Determination:

Agree

Disagree

Requestor's Requested Status:

Volunteer

Participant

DER/OGC Determination:

Agree

Disagree

Notes:

For NYC Sites, is the Requestor Seeking Tangible Property Credits:

Yes

No

Does Requestor Claim Property is Upside Down:

Yes

No

DER/OGC Determination:

Agree

Disagree

Undetermined

Notes:

Does Requestor Claim Property is Underutilized:

Yes

No

DER/OGC Determination:

Agree

Disagree

Undetermined

Notes:

Does Requestor Claim Affordable Housing Status:

Yes

No

Planned, No Contract

DER/OGC Determination:

Agree

Disagree

Undetermined

Notes:

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

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

SECTION I REQUESTOR INFORMATION

Requestor Name

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

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

Address, etc.

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

Document Certification

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

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

SECTION II PROJECT DESCRIPTION

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

**NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION**

SECTION III

PROPERTY'S ENVIRONMENTAL HISTORY

Please follow instructions on application form.

SECTION IV

PROPERTY INFORMATION

Proposed Site Name

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

Site Address

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

Site Size

Provide the approximate acreage of the site.

GIS Information

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

Tax Parcel Information

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

1. Tax Map Boundaries

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

2. Map

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

**NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION**

SECTION IV (continued)

3. En-zone

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

4. Multiple applications

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

10. Property Description Narrative

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

Location

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

Site Features:

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

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

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

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

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

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

**NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION**

SECTION IV (continued)

Property Description Narrative (continued)

Site Geology and Hydrogeology:

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

Environmental Assessment

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

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

A typical Environmental Assessment would look like the following:

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

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

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

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

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

SECTION V

ADDITIONAL REQUESTOR INFORMATION

Representative Name, Address, etc.

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

Consultant and Attorney Name, Address, etc.

Provide requested information.

**NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION**

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

Owner Name, Address, etc.

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

Operator Name, Address, etc.

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

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

SECTION VII REQUESTOR ELIGIBILITY INFORMATION

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

SECTION VIII PROPERTY ELIGIBILITY INFORMATION

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

1. CERCLA / NPL Listing

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

2. Registry Listing

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

3. RCRA Listing

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

4. Registry / RCRA sites owned by volunteers

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

**NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION**

SECTION VIII (continued)

5. Existing Order

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

6. Enforcement Action Pending

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

SECTION IX CONTACT LIST INFORMATION

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

SECTION X LAND USE FACTORS

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

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

SECTION XI SIGNATURE PAGE

The Requestor must sign the application, or designate a representative who can sign. The requestor's consultant or attorney cannot sign the application. If there are multiple parties applying, then each must sign a signature page. 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 entity's name must appear exactly as given in the NYS Department of State's Corporation & Business Entity Database.

**NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION**

DETERMINATION OF A COMPLETE APPLICATION

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

**NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION**

DETERMINATION OF A COMPLETE APPLICATION (continued)

4. If the application is found to be incomplete:
 - a. the requestor will be notified via email or phone call regarding minor deficiencies. The requestor must submit information correcting the deficiency to DEC within the 30-day review time frame; or
 - b. the requestor will receive a formal Letter of Incomplete Application (LOI) if an application is substantially deficient, if the information needed to make an eligibility determination identified in #4 above is missing or found to be incomplete, or if a response to a minor deficiency is not received within the 30-day period. The LOI will detail all of the missing information and request submission of the information. If the information is not submitted within 30 days from the date of the LOI, the application will be deemed withdrawn. In this case, the requestor may resubmit the application without prejudice.

5. If the application is determined to be complete, DEC will send a Letter of Complete Application (LOC) that includes the dates of the public comment period. The LOC will:
 - a. include an approved public notice to be sent to all parties on the Contact List included with the application;
 - b. provide instructions for publishing the public notice in the newspaper on the date specified in the letter, and instructions for mailing the notice to the Contact List;
 - c. identify the need for a certification of mailing form to be returned to DEC along with proof of publication documentation; and
 - d. specify the deadline for publication of the newspaper notice, which must coincide with, or occur before, the date of publication in the Environmental Notice Bulletin (ENB).
 - i. DEC will send a notice of the application to the ENB. As the ENB is only published on Wednesdays, DEC must submit the notice by the Wednesday before it is to appear in the ENB.
 - ii. The mailing to parties on the Contact List must be completed no later than the Tuesday prior to ENB publication. If the mailings, newspaper notice and ENB notice are not completed within the time-frames established by the LOC, the public comment period on the application will be extended to insure that there will be the required comment period.
 - iii. Marketing literature or brochures are prohibited from being included in mailings to the Contact List.

Brownfield Cleanup Program Application
Sendero Verde Redevelopment Project – Parcel B, New York, New York

FIGURES

1. Site Location Map
2. Existing Site Conditions
3. Tax Map
4. Surrounding Land Usage



QUADRANGLE LOCATION



SOURCE:
USGS; 2013, Central Park, NY
7.5 Minute Topographic Quadrangle

Title:

SITE LOCATION MAP

SENDERO VERDE
REDEVELOPMENT PROJECT - PARCEL B

Prepared for:

SV-B OWNERS LLC

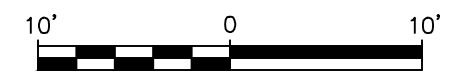


Compiled by: D.B.	Date: 14NOV18	FIGURE 1
Prepared by: G.M.	Scale: AS SHOWN	
Project Mgr: J.M.	Project: 2984.0003Y000	
File: 2984.0003Y100.02.CDR		

V:\CAD\PROJECTS\2984Y\0003Y100\2984_0003Y100.02.CDR



- LEGEND**
- LOTS THAT ARE NOT PART OF THE SENDERO VERDE REDEVELOPMENT PROJECT - PARCEL B SITE
 - BCP SITE BOUNDARY



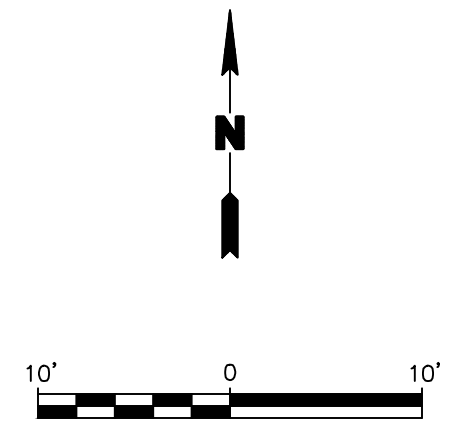
Title:			
EXISTING CONDITIONS			
SENDERO VERDE REDEVELOPMENT PROJECT - PARCEL B			
Prepared for:			
SV-B OWNERS LLC			
ROUX	Compiled by: D.B.	Date: 14NOV18	FIGURE 2
	Prepared by: G.M.	Scale: AS SHOWN	
	Project Mgr: J.M.	Project: 2984.0003Y000	
	File: 2984.0003Y100.01.DWG		

V:\CAD\PROJECTS\2984\100\2984_0003Y100_01.DWG

V:\CAD\PROJECTS\2984\0003Y100\2984.0003Y100.01.DWG



- LEGEND**
- LOTS THAT ARE NOT PART OF THE SENDERO VERDE REDEVELOPMENT PROJECT - PARCEL B SITE
 - BCP SITE BOUNDARY



TAX MAP			
SENDERO VERDE REDEVELOPMENT PROJECT - PARCEL B			
Prepared for: SV-B OWNERS LLC			
ROUX	Compiled by: D.B.	Date: 14NOV18	FIGURE 3
	Prepared by: G.M.	Scale: AS SHOWN	
	Project Mgr: J.M.	Project: 2984.0003Y000	
	File: 2984.0003Y100.01.DWG		



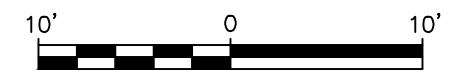
LEGEND

- LOTS THAT ARE NOT PART OF THE SENDERO VERDE REDEVELOPMENT PROJECT – PARCEL B SITE
- BCP SITE BOUNDARY

KEY

- VACANT LOTS
- COMMERCIAL AND OFFICE BUILDINGS
- MIXED RESIDENTIAL AND COMMERCIAL BUILDINGS
- MULTI FAMILY BUILDING
- OPEN SPACE AND OUTDOOR RECREATION
- PUBLIC FACILITIES AND INSTITUTIONS

- | | |
|--|--|
| <p>A:
NYCHPD
100 GOLD STREET, 9TH FLOOR
NEW YORK, NY 10038</p> <p>B:
AVENT CARIBE LLC
131 LANCASTER STREET
ALBANY, NY 11210</p> <p>C:
HIC, LLC
131 LANCASTER STREET
ALBANY, NY 11210</p> <p>D:
UNKNOWN</p> <p>E:
NYCHA
250 BROADWAY
NEW YORK, NY 10007</p> <p>F:
NYCHA
250 BROADWAY
NEW YORK, NY 10007</p> <p>G:
NYCHA
250 BROADWAY
NEW YORK, NY 10007</p> <p>H:
NERVE LOS TRES HOUSING
DEVELOPMENT FUND CORPORATION
18 EAST 116TH STREET, SUITE 2R
NEW YORK, NY 10029</p> <p>I:
BSREP UA HERITAGE LLC
C/O BROOKFIELD PROPERTY
GROUP, BROOKFIELD
PLACE 250 VESEY STREET
NEW YORK, NY 10281</p> | <p>J:
MADISON RISING LLC
277 NEWKIRK
BROOKLYN, NY 11234</p> <p>K:
UNKNOWN</p> <p>L:
86111 LLC
133 EAST 110TH STREET,
SUITE 9
NEW YORK, NY 10029</p> <p>M:
CRP 88 EAST 111TH LLC
C/O CASTELLAN REAL
ESTATE PARTNERS, 1841
BROADWAY, SUITE 400
NEW YORK, NY 10023</p> <p>N:
1516 PARK AVENUE
PARTNERS LLC
271 MADISON AVENUE,
FLOOR 22
NEW YORK, NY 10016</p> <p>O:
1516 PARK AVENUE
PARTNERS LLC
271 MADISON AVENUE,
FLOOR 22
NEW YORK, NY 10016</p> <p>P:
CASITA PARK HOUSING
DEVELOPMENT FUND
CORPORATION
C/O SFDS DEVELOPMENT
CORPORATION
135 EAST 96TH STREET
NEW YORK, NY 10029</p> |
|--|--|



SOURCE: NYCDOH DIGITAL TAX MAP

Title:

SURROUNDING LAND USE

SENDERO VERDE
REDEVELOPMENT PROJECT - PARCEL B

Prepared for:

SV-B OWNERS LLC

ROUX	Compiled by: D.B.	Date: 14NOV18	FIGURE 4
	Prepared by: G.M.	Scale: AS SHOWN	
	Project Mgr: J.M.	Project: 2984.0003Y000	
	File: 2984.0003Y100.01.DWG		

V:\CAD\PROJECTS\2984\Y0003Y100\2984.0003Y100.01.DWG

Brownfield Cleanup Program Application
Sendero Verde Redevelopment Project – Parcel B, New York, New York

APPENDICES

- A. Requestor Information
- B. Project Description
- C-1. Environmental History Narrative
- C-2. Environmental History Reports and Tables
(Provided on CD with Bound Application)
- D. Property Information
- E. Previous Owners and Operators
- F. Volunteer Statement
- G. Proof of Site Access
- H. Site Contact List

Brownfield Cleanup Program Application
Sendero Verde Redevelopment Project – Parcel B, New York, New York

APPENDIX A

Requestor Information

NYS Department of State

Division of Corporations

Entity Information

The information contained in this database is current through November 9, 2018.

Selected Entity Name: SV-B OWNERS LLC

Selected Entity Status Information

Current Entity Name: SV-B OWNERS LLC

DOS ID #: 5086341

Initial DOS Filing Date: FEBRUARY 15, 2017

County: WESTCHESTER

Jurisdiction: NEW YORK

Entity Type: DOMESTIC LIMITED LIABILITY COMPANY

Current Entity Status: ACTIVE

Selected Entity Address Information

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

THE LIMITED LIABILITY COMPANY

1865 PALMER AVENUE

SUITE 203

LARCHMONT, NEW YORK, 10538

Registered Agent

NONE

This office does not require or maintain information regarding the names and addresses of members or managers of nonprofessional limited liability companies. Professional limited liability companies must include the name(s) and address(es) of the original members, however this information is not recorded and only available by [viewing the certificate](#).

***Stock Information**

# of Shares	Type of Stock	\$ Value per Share
-------------	---------------	--------------------

No Information Available

*Stock information is applicable to domestic business corporations.

Name History

Filing Date	Name Type	Entity Name
FEB 15, 2017	Actual	SV-B OWNERS LLC

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

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

[Search Results](#) | [New Search](#)

[Services/Programs](#) | [Privacy Policy](#) | [Accessibility Policy](#) | [Disclaimer](#) | [Return to DOS](#)
[Homepage](#) | [Contact Us](#)

RESOLUTION ADOPTED BY
SV-B OWNERS LLC

The undersigned hereby certifies that he is the duly appointed and acting Managing Member of SV-B OWNERS LLC, a Domestic limited liability company (the "Company"), and further certifies as follows:

WHEREAS, the Company has applied to be admitted as a Volunteer in the New York State Brownfield Cleanup Program in connection with property occupying Tax Lot 20 of Tax Block 1617 in Manhattan, New York (the "Site"); and

WHEREAS, the Company deems it advisable and in the best interests of the Company to authorize, approve and ratify the submission of the Brownfield Cleanup Program Application ("Application");

NOW, THEREFORE, BE IT RESOLVED, that the undersigned is authorized to sign the Application and execute the Brownfield Site Cleanup Agreement ("BSCA") once the Site is accepted into the BCP on behalf of the Company and to undertake all measures necessary to fulfill the obligations under the Application, the BSCA and BCP (the "Consent"); and it is further

RESOLVED, that a facsimile copy of a signature shall be deemed an original signature under this Consent.

IN WITNESS WHEREOF, the undersigned has executed this written Consent in the capacity noted below as-of this 28th day of November 2018.

SV-B OWNERS LLC
A New York limited liability company

By: L&M SV Managers LLC, its sole member

By: L&M Development Partners Inc., its sole member

By: 

Name: David Dishy

Title: Authorized Signatory

Appendix A2 - LLC Members/Owners

Sendero Verde Redevelopment Project - Parcel B

BCP Application - Section I

The Sole Members/Owners of SV-B Owners LLC are as follows:

L&M SV Managers LLC	100%
---------------------	------

Brownfield Cleanup Program Application
Sendero Verde Redevelopment Project – Parcel B, New York, New York

APPENDIX B

Project Description

Appendix B – Project Description

Sendero Verde Redevelopment Project – Parcel B, New York, NY
BCP Application – Section II, Question 4

The Site proposed for entry into the Brownfield Cleanup Program (BCP) is the Sendero Verde Redevelopment Project – Parcel B. The Site is bounded by Park and Madison Avenues and East 111th Street and East 1112th Street (Figure 1). The Site occupies Tax Lot 20 of Tax Block 1617 and encompasses approximately 1.36 acres (Figure 2). As shown on Figure 3, the Site is currently a vacant unpaved lot surrounded by a chain-link fence. Most recently, the Site was utilized as a baseball field and as community gardens. The community gardens were vacated in February 2018 and are located on the eastern and southwestern perimeter of the Site. Several shanty structures and garbage / debris remain in these areas. The Site is currently owned by the City of New York, c/o New York City Housing Preservation and Development (HPD). Transfer of the property to the Requestor is anticipated in June 2019.

Proposed Development Plan

Sendero Verde Redevelopment Project – Parcel B will consist of a 15-story building (Building B-North) that will hold the majority of the community facility space and a ten-story building (Building B-South). One hundred percent of the apartment units are affordable. Building B-North will have 230 affordable housing units with a GSF of 301,255 and Building B-South will have 85 affordable housing units with a GSF of 89,587. The project offers multiple affordability tiers ranging from apartments for the formerly homeless to households earning up to 80% of Area Median Income (AMI). The buildings will be interconnected by a shared raised courtyard built over a community facility space for Building B-North, which will house the Dream Charter School in the cellar and first four floors. Upon construction completion, the aforementioned community gardens will be relocated and reincorporated into the project on the southwest and southeast corners of the Site. A Property Map showing the Site boundary is provided as Figure 2.

Projected Schedule

Timeframe	Description
November 2018	Submit BCP Application
July 2019	Commence Remedial Action
2020	Anticipated issuance of Certificate of Completion

Brownfield Cleanup Program Application
Sendero Verde Redevelopment Project – Parcel B, New York, New York

APPENDIX C-1

Environmental History Narrative

Appendix C – Property’s Environmental History

Sendero Verde Redevelopment Project – Parcel B, New York, NY

BCP Application - Section III

The following previous environmental investigations have been conducted at the Site and adjacent Lot 120, and are attached for review in Appendix C and on the enclosed CD:

- **Phase I Environmental Site Assessment (ESA):** prepared by Roux Environmental Engineering and Geology, D.P.C (Roux), dated March 30, 2018;
- **Phase II Environmental Site Assessment Report:** prepared by Roux, dated June 8, 2018; and
- **Amendment to the Phase II ESA:** prepared by Roux, dated November 13, 2018

Although the reports listed above were prepared before Lot 20 (Site) and adjacent Lot 120 were separated into two (2) lots, the summary of the findings provided below relates only to the Site. A Remedial Investigation will be performed following entry into the Brownfield Cleanup Program.

Phase I ESA, prepared by Roux, dated March 30, 2018

In accordance with ASTM-E1527, the following RECs were identified in relation to the Site in the Phase I ESA:

- **Historical on-Site Usage:** As indicated by the City Directory, 56 East 112th Street operated as Continental Tailors & Cleaners (assumed to be a dry cleaner). Other noted operators/tenants of the Site included White Printer Department, Hyman Furrier, Jonas Drug Company, Schweitzer Isaac Jennie Shoe Repair, Krals Novelty Shoe Co, and Hirsch Brandel Shoes. The Certified Sanborn Fire Insurance maps indicated a portion of the Site was identified as a “Chinese Laundry” from at least 1911 to 1979 and a portion of the Site contained paint stores from at least 1939 to 1968. These historical operations may have used hazardous materials and potentially impacted the quality of the subsurface soil, soil vapor, and/or groundwater beneath the Site.
- **Past Use of Adjacent and Upgradient Properties:** As detailed in the environmental database report within the Phase I ESA, an adjacent property to the north/northwest located within close proximity to the Site operated as a dry-cleaning facility in the past. The immediately adjacent property to the south operated as an auto service station in the past. In addition, and as detailed in the City Directory within the Phase I ESA, nearby properties also included dental offices and paint shops. These historical operations may have potentially impacted the quality of the subsurface soil, soil vapor, and/or groundwater beneath the Site through on-Site migration of contaminants.

In accordance with ASTM-E1527, the following Business Environmental Risks (BERs) were identified in relation to the Site in the Phase I ESA:

- The Site is underlain by historic urban fill, common within the five boroughs of New York City. The thickness of the fill layer ranges between 10 to 15 feet below land surface (bls).
- There is also the potential that previous on-Site buildings used fuel oil for heat prior to conversion to natural gas, though documentation is unavailable. Therefore, there is the potential that fuel oil tanks were present on-Site and undocumented removal of tanks may have occurred or underground storage tanks (USTs) may remain on-Site. There is potential, should tanks have existed, spills/releases may have impacted soil, groundwater, and soil vapor beneath the Site.

Appendix C – Property’s Environmental History

Sendero Verde Redevelopment Project – Parcel B, New York, NY
BCP Application - Section III

Phase II ESA, prepared by Roux, dated June 8, 2018 and Amendment to the Phase II ESA prepared by Roux, dated November 13, 2018

Roux performed a soil, groundwater, and soil vapor investigation on the Site and adjacent Lot 120 in April and May 2018, which is described in the Phase II ESA and attached to this application (Appendix C-2 Additional Reports).

Soil/Fill

According to the Roux Phase II ESA, the following analytes are in exceedance of the NYSDEC Part 375 Restricted Residential Soil Cleanup Objectives (RRSCOs) on the Site:

SVOCs

- Benzo(a)anthracene
- Benzo(a)pyrene
- Benzo(b)fluoranthene
- Chrysene
- Dibenzo(a,h)anthracene
- Indeno(1,2,3-c,d)pyrene

Metals

- Arsenic
- Barium
- Copper
- Lead

Pesticides

- Dieldrin

Concentrations of numerous parameters also exceeded the Unrestricted Use SCOs (UUSCOs) across the Site. Exceedances of the UUSCOs and RRSCOs within the boundaries of the proposed Site are graphically depicted on Plate 1.

Groundwater

According to the Roux Phase II ESA the following analytes are in exceedance of the NYSDEC Ambient Water Quality Standards and Guidance Values (AWQSGVs) on the Site:

VOCs

- Chloroform

SVOCs

- Benzo(a)anthracene (unfiltered)
- Benzo(a)pyrene (unfiltered)
- Benzo(b)fluoranthene (unfiltered)

Appendix C – Property’s Environmental History

Sendero Verde Redevelopment Project – Parcel B, New York, NY
BCP Application - Section III

- Benzo(k)fluoranthene (unfiltered)
- Bis(2-Ethylhexyl)phthalate (filtered)
- Chrysene (unfiltered)
- Dibenzo(a,h)anthracene (unfiltered)
- Indeno(1,2,3-c,d)pyrene (unfiltered)

Metals

- Antimony (unfiltered)
- Barium (unfiltered)
- Chromium (unfiltered)
- Iron (unfiltered)
- Lead (unfiltered)
- Manganese (unfiltered)
- Mercury (unfiltered)
- Sodium (unfiltered and filtered)

Pesticides

- Chlordane (unfiltered)
- Dieldrin (unfiltered and filtered)
- P,P'-DDT (unfiltered)

Soil Vapor

According to the Roux Phase II ESA, the following analytes were detected at the Site:

- 1,2,4-Trimethylbenzene
- 2-Hexanone
- Acetone
- Chloroform
- Dichlorodifluoromethane
- Ethanol
- Ethylbenzene
- Xylenes
- Methyl Ethyl Ketone
- N-Heptane
- N-Hexane
- Tetrachloroethylene
- Toluene

Brownfield Cleanup Program Application
Sendero Verde Redevelopment Project – Parcel B, New York, New York

APPENDIX C-2

Environmental History Reports and Tables
(Provided on CD with Bound Application)

Brownfield Cleanup Program Application
Sendero Verde Redevelopment Project – Parcel B, New York, New York

TABLES (Part of Appendix C)

1. Summary of Volatile Organic Compounds in Soil
2. Summary of Semivolatile Organic Compounds in Soil
3. Summary of Metals in Soil
4. Summary of Polychlorinated Biphenyl Compounds in Soil
5. Summary of Pesticides and Herbicides in Soil
6. Summary of General Chemistry in Soil
7. Summary of Volatile Organic Compounds in Groundwater
8. Summary of Semivolatile Organic Compounds in Groundwater
9. Summary of Metals in Groundwater
10. Summary of Polychlorinated Biphenyl Compounds in Groundwater
11. Summary of Pesticides and Herbicides in Groundwater
12. Summary of Volatile Organic Compounds in Soil Vapor

Notes Utilized Throughout Tables	
Soil Tables	
J	Estimated value
U	Indicates that the compound was analyzed for but not detected
B	The analyte was found in an associated blank as well as in the sample
P	The RPD between the results for the two columns exceeds the method-specified criteria
I	The lower value for the two columns has been reported due to obvious interference
RPD	Relative Percent Difference
T	Indicates that a quality control parameter has exceeded laboratory limits
ft bls	Feet below land surface
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
NYSDEC	New York State Department of Environmental Conservation
SCO	Soil Cleanup Objectives
--	No SCO available
Bold data indicates that parameter was detected above the NYSDEC Part 375 Unrestricted Use SCO	
Shaded data indicates that parameter was detected above the NYSDEC Part 375 Restricted Residential SCO	
Groundwater Tables	
NYSDEC - New York State Department of Environmental Conservation	
AWQSGVs - Ambient Water-Quality Standards and Guidance Values	
J	Estimated Value
U	Indicates that the compound was analyzed for but not detected
--	No NYSDEC AWQSGV available
µg/L	Micrograms per liter
Bold data indicates that parameter was detected above the NYSDEC AWQSGVs	
Soil Vapor/Ambient Air	
J	Estimated value
U	Indicates that the compound was analyzed for but not detected
ug/m3	Micrograms per cubic meter
Bold data indicates that parameter was detected	

Table 1. Summary of Volatile Organic Compounds in Soil, Sendero Verde Redevelopment Project - Parcel B, New York, New York

				Sample Designation:				
				SB-1	SB-1	SB-3	SB-3	SB-4
				05/01/2018	05/02/2018	04/30/2018	05/01/2018	04/30/2018
				1	13	1	18	1
				Sample Date:				
				Sample Depth (ft bls):				
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit					
1,1,1,2-Tetrachloroethane	--	--	UG/KG	1.5 U	1.8 U	1.5 U	1 U	1.5 U
1,1,1-Trichloroethane (TCA)	680	100000	UG/KG	1.5 U	1.8 U	1.5 U	1 U	1.5 U
1,1,2,2-Tetrachloroethane	--	--	UG/KG	1.5 U	1.8 U	1.5 U	1 U	1.5 U
1,1,2-Trichloroethane	--	--	UG/KG	2.3 U	2.7 U	2.3 U	1.5 U	2.2 U
1,1-Dichloroethane	270	26000	UG/KG	2.3 U	2.7 U	2.3 U	1.5 U	2.2 U
1,1-Dichloroethene	330	100000	UG/KG	1.5 U	1.8 U	1.5 U	1 U	1.5 U
1,1-Dichloropropene	--	--	UG/KG	7.6 U	9 U	7.6 U	5.1 U	7.4 U
1,2,3-Trichlorobenzene	--	--	UG/KG	7.6 U	9 U	7.6 U	5.1 U	7.4 U
1,2,3-Trichloropropane	--	--	UG/KG	15 U	18 U	15 U	10 U	15 U
1,2,4,5-Tetramethylbenzene	--	--	UG/KG	6 U	7.2 U	6.1 U	4.1 U	6 U
1,2,4-Trichlorobenzene	--	--	UG/KG	7.6 U	9 U	7.6 U	5.1 U	7.4 U
1,2,4-Trimethylbenzene	3600	52000	UG/KG	7.6 U	9 U	7.6 U	5.1 U	7.4 U
1,2-Dibromo-3-Chloropropane	--	--	UG/KG	7.6 U	9 U	7.6 U	5.1 U	7.4 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	UG/KG	6 U	7.2 U	6.1 U	4.1 U	6 U
1,2-Dichlorobenzene	1100	100000	UG/KG	7.6 U	9 U	7.6 U	5.1 U	7.4 U
1,2-Dichloroethane	20	3100	UG/KG	1.5 U	1.8 U	1.5 U	1 U	1.5 U
1,2-Dichloropropane	--	--	UG/KG	5.3 U	6.3 U	5.4 U	3.6 U	5.2 U
1,3,5-Trimethylbenzene (Mesitylene)	8400	52000	UG/KG	7.6 U	9 U	7.6 U	5.1 U	7.4 U
1,3-Dichlorobenzene	2400	49000	UG/KG	7.6 U	9 U	7.6 U	5.1 U	7.4 U
1,3-Dichloropropane	--	--	UG/KG	7.6 U	9 U	7.6 U	5.1 U	7.4 U
1,4-Dichlorobenzene	1800	13000	UG/KG	7.6 U	9 U	7.6 U	5.1 U	7.4 U
1,4-Diethyl Benzene	--	--	UG/KG	6 U	7.2 U	6.1 U	4.1 U	6 U
1,4-Dioxane (P-Dioxane)	100	13000	UG/KG	60 U	72 U	61 U	41 U	60 U
2,2-Dichloropropane	--	--	UG/KG	7.6 U	9 U	7.6 U	5.1 U	7.4 U
2-Chlorotoluene	--	--	UG/KG	7.6 U	9 U	7.6 U	5.1 U	7.4 U
2-Hexanone	--	--	UG/KG	15 U	18 U	15 U	10 U	15 U
4-Chlorotoluene	--	--	UG/KG	7.6 U	9 U	7.6 U	5.1 U	7.4 U
4-Ethyltoluene	--	--	UG/KG	6 U	7.2 U	6.1 U	4.1 U	6 U
Acetone	50	100000	UG/KG	15 U	18 U	15 U	6.2 J	15 U
Acrylonitrile	--	--	UG/KG	15 U	18 U	15 U	10 U	15 U
Benzene	60	4800	UG/KG	1.5 U	1.8 U	1.5 U	1 U	1.5 U
Bromobenzene	--	--	UG/KG	7.6 U	9 U	7.6 U	5.1 U	7.4 U
Bromochloromethane	--	--	UG/KG	7.6 U	9 U	7.6 U	5.1 U	7.4 U
Bromodichloromethane	--	--	UG/KG	1.5 U	1.8 U	1.5 U	1 U	1.5 U

Table 1. Summary of Volatile Organic Compounds in Soil, Sendero Verde Redevelopment Project - Parcel B, New York, New York

				Sample Designation:				
				SB-1	SB-1	SB-3	SB-3	SB-4
				05/01/2018	05/02/2018	04/30/2018	05/01/2018	04/30/2018
				1	13	1	18	1
				Sample Date:				
				Sample Depth (ft bls):				
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit					
Bromoform	--	--	UG/KG	6 U	7.2 U	6.1 U	4.1 U	6 U
Bromomethane	--	--	UG/KG	3 U	3.6 U	3 U	2 U	3 U
Carbon Disulfide	--	--	UG/KG	15 U	18 U	15 U	10 U	15 U
Carbon Tetrachloride	760	2400	UG/KG	1.5 U	1.8 U	1.5 U	1 U	1.5 U
Chlorobenzene	1100	100000	UG/KG	1.5 U	1.8 U	1.5 U	1 U	1.5 U
Chloroethane	--	--	UG/KG	3 U	3.6 U	3 U	2 U	3 U
Chloroform	370	49000	UG/KG	2.3 U	2.7 U	2.3 U	2.8	2.2 U
Chloromethane	--	--	UG/KG	7.6 U	9 U	7.6 U	5.1 U	7.4 U
Cis-1,2-Dichloroethylene	250	100000	UG/KG	1.5 U	1.8 U	1.5 U	1 U	1.5 U
Cis-1,3-Dichloropropene	--	--	UG/KG	1.5 U	1.8 U	1.5 U	1 U	1.5 U
Cymene	--	--	UG/KG	1.5 U	1.8 U	1.5 U	1 U	1.5 U
Dibromochloromethane	--	--	UG/KG	1.5 U	1.8 U	1.5 U	1 U	1.5 U
Dibromomethane	--	--	UG/KG	15 U	18 U	15 U	10 U	15 U
Dichlorodifluoromethane	--	--	UG/KG	15 U	18 U	15 U	10 U	15 U
Dichloroethylenes	--	--	UG/KG	1.5 U	1.8 U	1.5 U	1 U	1.5 U
Diethyl Ether (Ethyl Ether)	--	--	UG/KG	7.6 U	9 U	7.6 U	5.1 U	7.4 U
Ethylbenzene	1000	41000	UG/KG	1.5 U	1.8 U	1.5 U	1 U	1.5 U
Hexachlorobutadiene	--	--	UG/KG	7.6 U	9 U	7.6 U	5.1 U	7.4 U
Isopropylbenzene (Cumene)	--	--	UG/KG	1.5 U	1.8 U	1.5 U	1 U	1.5 U
m,p-Xylene	--	--	UG/KG	3 U	3.6 U	3 U	2 U	3 U
Methyl Ethyl Ketone (2-Butanone)	120	100000	UG/KG	15 U	18 U	15 U	10 U	15 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	UG/KG	15 U	18 U	15 U	10 U	15 U
Methylene Chloride	50	100000	UG/KG	15 U	18 U	15 U	10 U	15 U
Naphthalene	12000	100000	UG/KG	7.6 U	0.8 J	7.6 U	5.1 U	7.4 U
N-Butylbenzene	12000	100000	UG/KG	1.5 U	1.8 U	1.5 U	1 U	1.5 U
N-Propylbenzene	3900	100000	UG/KG	1.5 U	1.8 U	1.5 U	1 U	1.5 U
O-Xylene (1,2-Dimethylbenzene)	--	--	UG/KG	3 U	3.6 U	3 U	2 U	3 U
Sec-Butylbenzene	11000	100000	UG/KG	1.5 U	1.8 U	1.5 U	1 U	1.5 U
Styrene	--	--	UG/KG	3 U	3.6 U	3 U	2 U	3 U
T-Butylbenzene	5900	100000	UG/KG	7.6 U	9 U	7.6 U	5.1 U	7.4 U
Tert-Butyl Methyl Ether	930	100000	UG/KG	3 U	3.6 U	3 U	2 U	3 U
Tetrachloroethylene (PCE)	1300	19000	UG/KG	1.5 U	1.8 U	1.5 U	1 U	1.5 U
Toluene	700	100000	UG/KG	2.3 U	2.7 U	2.3 U	1.5 U	2.2 U
Total, 1,3-Dichloropropene (Cis And Trans)	--	--	UG/KG	1.5 U	1.8 U	1.5 U	1 U	1.5 U

Table 1. Summary of Volatile Organic Compounds in Soil, Sendero Verde Redevelopment Project - Parcel B, New York, New York

				Sample Designation:	SB-1	SB-1	SB-3	SB-3	SB-4
				Sample Date:	05/01/2018	05/02/2018	04/30/2018	05/01/2018	04/30/2018
				Sample Depth (ft bls):	1	13	1	18	1
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit						
Trans-1,2-Dichloroethene	190	100000	UG/KG	2.3 U	2.7 U	2.3 U	1.5 U	2.2 U	
Trans-1,3-Dichloropropene	--	--	UG/KG	1.5 U	1.8 U	1.5 U	1 U	1.5 U	
Trans-1,4-Dichloro-2-Butene	--	--	UG/KG	7.6 U	9 U	7.6 U	5.1 U	7.4 U	
Trichloroethylene (TCE)	470	21000	UG/KG	1.5 U	1.8 U	1.5 U	1 U	1.5 U	
Trichlorofluoromethane	--	--	UG/KG	7.6 U	9 U	7.6 U	5.1 U	7.4 U	
Vinyl Acetate	--	--	UG/KG	15 U	18 U	15 U	10 U	15 U	
Vinyl Chloride	20	900	UG/KG	3 U	3.6 U	3 U	2 U	3 U	
Xylenes	260	100000	UG/KG	3 U	3.6 U	3 U	2 U	3 U	

Table 1. Summary of Volatile Organic Compounds in Soil, Sendero Verde Redevelopment Project - Parcel B, New York, New York

				Sample Designation:	SB-4	SB-5	SB-5	SB-6	SB-6
				Sample Date:	05/01/2018	04/30/2018	05/02/2018	04/30/2018	05/02/2018
				Sample Depth (ft bls):	12.5	1	19	1	18
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit						
1,1,1,2-Tetrachloroethane	--	--	UG/KG	1.2 U	1.6 U	1.2 U	1.3 U	1.2 U	
1,1,1-Trichloroethane (TCA)	680	100000	UG/KG	1.2 U	1.6 U	1.2 U	1.3 U	1.2 U	
1,1,2,2-Tetrachloroethane	--	--	UG/KG	1.2 U	1.6 U	1.2 U	1.3 U	1.2 U	
1,1,2-Trichloroethane	--	--	UG/KG	1.8 U	2.4 U	1.8 U	2 U	1.8 U	
1,1-Dichloroethane	270	26000	UG/KG	1.8 U	2.4 U	1.8 U	2 U	1.8 U	
1,1-Dichloroethene	330	100000	UG/KG	1.2 U	1.6 U	1.2 U	1.3 U	1.2 U	
1,1-Dichloropropene	--	--	UG/KG	6.1 U	7.9 U	6.2 U	6.6 U	6.1 U	
1,2,3-Trichlorobenzene	--	--	UG/KG	6.1 U	7.9 U	6.2 U	6.6 U	6.1 U	
1,2,3-Trichloropropane	--	--	UG/KG	12 U	16 U	12 U	13 U	12 U	
1,2,4,5-Tetramethylbenzene	--	--	UG/KG	4.9 U	6.3 U	4.9 U	5.3 U	4.8 U	
1,2,4-Trichlorobenzene	--	--	UG/KG	6.1 U	7.9 U	6.2 U	6.6 U	6.1 U	
1,2,4-Trimethylbenzene	3600	52000	UG/KG	6.1 U	7.9 U	6.2 U	6.6 U	6.1 U	
1,2-Dibromo-3-Chloropropane	--	--	UG/KG	6.1 U	7.9 U	6.2 U	6.6 U	6.1 U	
1,2-Dibromoethane (Ethylene Dibromide)	--	--	UG/KG	4.9 U	6.3 U	4.9 U	5.3 U	4.8 U	
1,2-Dichlorobenzene	1100	100000	UG/KG	6.1 U	7.9 U	6.2 U	6.6 U	6.1 U	
1,2-Dichloroethane	20	3100	UG/KG	1.2 U	1.6 U	1.2 U	1.3 U	1.2 U	
1,2-Dichloropropane	--	--	UG/KG	4.3 U	5.5 U	4.3 U	4.6 U	4.2 U	
1,3,5-Trimethylbenzene (Mesitylene)	8400	52000	UG/KG	6.1 U	7.9 U	6.2 U	6.6 U	6.1 U	
1,3-Dichlorobenzene	2400	49000	UG/KG	6.1 U	7.9 U	6.2 U	6.6 U	6.1 U	
1,3-Dichloropropane	--	--	UG/KG	6.1 U	7.9 U	6.2 U	6.6 U	6.1 U	
1,4-Dichlorobenzene	1800	13000	UG/KG	6.1 U	7.9 U	6.2 U	6.6 U	6.1 U	
1,4-Diethyl Benzene	--	--	UG/KG	4.9 U	6.3 U	4.9 U	5.3 U	4.8 U	
1,4-Dioxane (P-Dioxane)	100	13000	UG/KG	49 U	63 U	49 U	53 U	48 U	
2,2-Dichloropropane	--	--	UG/KG	6.1 U	7.9 U	6.2 U	6.6 U	6.1 U	
2-Chlorotoluene	--	--	UG/KG	6.1 U	7.9 U	6.2 U	6.6 U	6.1 U	
2-Hexanone	--	--	UG/KG	12 U	16 U	12 U	13 U	12 U	
4-Chlorotoluene	--	--	UG/KG	6.1 U	7.9 U	6.2 U	6.6 U	6.1 U	
4-Ethyltoluene	--	--	UG/KG	4.9 U	6.3 U	4.9 U	5.3 U	4.8 U	
Acetone	50	100000	UG/KG	12	16 U	3.1 J	6.7 J	12 U	
Acrylonitrile	--	--	UG/KG	12 U	16 U	12 U	13 U	12 U	
Benzene	60	4800	UG/KG	1.2 U	1.6 U	1.2 U	1.3 U	1.2 U	
Bromobenzene	--	--	UG/KG	6.1 U	7.9 U	6.2 U	6.6 U	6.1 U	
Bromochloromethane	--	--	UG/KG	6.1 U	7.9 U	6.2 U	6.6 U	6.1 U	
Bromodichloromethane	--	--	UG/KG	1.2 U	1.6 U	1.2 U	1.3 U	1.2 U	

Table 1. Summary of Volatile Organic Compounds in Soil, Sendero Verde Redevelopment Project - Parcel B, New York, New York

				Sample Designation:				
				SB-4	SB-5	SB-5	SB-6	SB-6
				05/01/2018	04/30/2018	05/02/2018	04/30/2018	05/02/2018
				12.5	1	19	1	18
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit					
Bromoform	--	--	UG/KG	4.9 U	6.3 U	4.9 U	5.3 U	4.8 U
Bromomethane	--	--	UG/KG	2.4 U	3.2 U	2.5 U	2.6 U	2.4 U
Carbon Disulfide	--	--	UG/KG	12 U	16 U	12 U	13 U	12 U
Carbon Tetrachloride	760	2400	UG/KG	1.2 U	1.6 U	1.2 U	1.3 U	1.2 U
Chlorobenzene	1100	100000	UG/KG	1.2 U	1.6 U	1.2 U	1.3 U	1.2 U
Chloroethane	--	--	UG/KG	2.4 U	3.2 U	2.5 U	2.6 U	2.4 U
Chloroform	370	49000	UG/KG	1.8 U	2.4 U	4.4	2 U	5.5
Chloromethane	--	--	UG/KG	6.1 U	7.9 U	6.2 U	6.6 U	6.1 U
Cis-1,2-Dichloroethylene	250	100000	UG/KG	1.2 U	1.6 U	1.2 U	1.3 U	1.2 U
Cis-1,3-Dichloropropene	--	--	UG/KG	1.2 U	1.6 U	1.2 U	1.3 U	1.2 U
Cymene	--	--	UG/KG	1.2 U	1.6 U	1.2 U	1.3 U	1.2 U
Dibromochloromethane	--	--	UG/KG	1.2 U	1.6 U	1.2 U	1.3 U	1.2 U
Dibromomethane	--	--	UG/KG	12 U	16 U	12 U	13 U	12 U
Dichlorodifluoromethane	--	--	UG/KG	12 U	16 U	12 U	13 U	12 U
Dichloroethylenes	--	--	UG/KG	1.2 U	1.6 U	1.2 U	1.3 U	1.2 U
Diethyl Ether (Ethyl Ether)	--	--	UG/KG	6.1 U	7.9 U	6.2 U	6.6 U	6.1 U
Ethylbenzene	1000	41000	UG/KG	1.2 U	1.6 U	1.2 U	1.3 U	1.2 U
Hexachlorobutadiene	--	--	UG/KG	6.1 U	7.9 U	6.2 U	6.6 U	6.1 U
Isopropylbenzene (Cumene)	--	--	UG/KG	1.2 U	1.6 U	1.2 U	1.3 U	1.2 U
m,p-Xylene	--	--	UG/KG	2.4 U	3.2 U	2.5 U	2.6 U	2.4 U
Methyl Ethyl Ketone (2-Butanone)	120	100000	UG/KG	12 U	16 U	12 U	13 U	12 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	UG/KG	12 U	16 U	12 U	13 U	12 U
Methylene Chloride	50	100000	UG/KG	12 U	16 U	12 U	13 U	12 U
Naphthalene	12000	100000	UG/KG	6.1 U	8.8	6.2 U	0.2 J	6.1 U
N-Butylbenzene	12000	100000	UG/KG	1.2 U	1.6 U	1.2 U	1.3 U	1.2 U
N-Propylbenzene	3900	100000	UG/KG	1.2 U	1.6 U	1.2 U	1.3 U	1.2 U
O-Xylene (1,2-Dimethylbenzene)	--	--	UG/KG	2.4 U	3.2 U	2.5 U	2.6 U	2.4 U
Sec-Butylbenzene	11000	100000	UG/KG	1.2 U	1.6 U	1.2 U	1.3 U	1.2 U
Styrene	--	--	UG/KG	2.4 U	3.2 U	2.5 U	2.6 U	2.4 U
T-Butylbenzene	5900	100000	UG/KG	6.1 U	7.9 U	6.2 U	6.6 U	6.1 U
Tert-Butyl Methyl Ether	930	100000	UG/KG	2.4 U	3.2 U	2.5 U	2.6 U	2.4 U
Tetrachloroethylene (PCE)	1300	19000	UG/KG	1.2 U	0.57 J	0.4 J	0.73 J	1.2 U
Toluene	700	100000	UG/KG	1.8 U	2.4 U	1.8 U	2 U	1.8 U
Total, 1,3-Dichloropropene (Cis And Trans)	--	--	UG/KG	1.2 U	1.6 U	1.2 U	1.3 U	1.2 U

Table 1. Summary of Volatile Organic Compounds in Soil, Sendero Verde Redevelopment Project - Parcel B, New York, New York

				Sample Designation:	SB-4	SB-5	SB-5	SB-6	SB-6
				Sample Date:	05/01/2018	04/30/2018	05/02/2018	04/30/2018	05/02/2018
				Sample Depth (ft bls):	12.5	1	19	1	18
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit						
Trans-1,2-Dichloroethene	190	100000	UG/KG	1.8 U	2.4 U	1.8 U	2 U	1.8 U	
Trans-1,3-Dichloropropene	--	--	UG/KG	1.2 U	1.6 U	1.2 U	1.3 U	1.2 U	
Trans-1,4-Dichloro-2-Butene	--	--	UG/KG	6.1 U	7.9 U	6.2 U	6.6 U	6.1 U	
Trichloroethylene (TCE)	470	21000	UG/KG	1.2 U	1.6 U	1.2 U	1.3 U	1.2 U	
Trichlorofluoromethane	--	--	UG/KG	6.1 U	7.9 U	6.2 U	6.6 U	6.1 U	
Vinyl Acetate	--	--	UG/KG	12 U	16 U	12 U	13 U	12 U	
Vinyl Chloride	20	900	UG/KG	2.4 U	3.2 U	2.5 U	2.6 U	2.4 U	
Xylenes	260	100000	UG/KG	2.4 U	3.2 U	2.5 U	2.6 U	2.4 U	

Table 1. Summary of Volatile Organic Compounds in Soil, Sendero Verde Redevelopment Project - Parcel B, New York, New York

				Sample Designation:				
				SB-7	SB-7X	SB-8	SB-8	SB-10
				04/30/2018	05/03/2018	04/30/2018	05/03/2018	05/01/2018
				1	12.5	1	19	1
				1	12.5	1	19	1
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit					
1,1,1,2-Tetrachloroethane	--	--	UG/KG	1.3 U	0.96 U	0.95 U	1.2 U	1.4 U
1,1,1-Trichloroethane (TCA)	680	100000	UG/KG	1.3 U	0.96 U	0.95 U	1.2 U	1.4 U
1,1,2,2-Tetrachloroethane	--	--	UG/KG	1.3 U	0.96 U	0.95 U	1.2 U	1.4 U
1,1,2-Trichloroethane	--	--	UG/KG	1.9 U	1.4 U	1.4 U	1.7 U	2.1 U
1,1-Dichloroethane	270	26000	UG/KG	1.9 U	1.4 U	1.4 U	1.7 U	2.1 U
1,1-Dichloroethene	330	100000	UG/KG	1.3 U	0.96 U	0.95 U	1.2 U	1.4 U
1,1-Dichloropropene	--	--	UG/KG	6.5 U	4.8 U	4.7 U	5.8 U	7.1 U
1,2,3-Trichlorobenzene	--	--	UG/KG	6.5 U	4.8 U	4.7 U	5.8 U	7.1 U
1,2,3-Trichloropropane	--	--	UG/KG	13 U	9.6 U	9.5 U	12 U	14 U
1,2,4,5-Tetramethylbenzene	--	--	UG/KG	5.2 U	3.8 U	3.8 U	4.6 U	5.7 U
1,2,4-Trichlorobenzene	--	--	UG/KG	6.5 U	4.8 U	4.7 U	5.8 U	7.1 U
1,2,4-Trimethylbenzene	3600	52000	UG/KG	6.5 U	4.8 U	4.7 U	5.8 U	7.1 U
1,2-Dibromo-3-Chloropropane	--	--	UG/KG	6.5 U	4.8 U	4.7 U	5.8 U	7.1 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	UG/KG	5.2 U	3.8 U	3.8 U	4.6 U	5.7 U
1,2-Dichlorobenzene	1100	100000	UG/KG	6.5 U	4.8 U	4.7 U	5.8 U	7.1 U
1,2-Dichloroethane	20	3100	UG/KG	1.3 U	0.96 U	0.95 U	1.2 U	1.4 U
1,2-Dichloropropane	--	--	UG/KG	4.5 U	3.4 U	3.3 U	4 U	5 U
1,3,5-Trimethylbenzene (Mesitylene)	8400	52000	UG/KG	6.5 U	4.8 U	4.7 U	5.8 U	7.1 U
1,3-Dichlorobenzene	2400	49000	UG/KG	6.5 U	4.8 U	4.7 U	5.8 U	7.1 U
1,3-Dichloropropane	--	--	UG/KG	6.5 U	4.8 U	4.7 U	5.8 U	7.1 U
1,4-Dichlorobenzene	1800	13000	UG/KG	6.5 U	4.8 U	4.7 U	5.8 U	7.1 U
1,4-Diethyl Benzene	--	--	UG/KG	5.2 U	3.8 U	3.8 U	4.6 U	5.7 U
1,4-Dioxane (P-Dioxane)	100	13000	UG/KG	52 U	38 U	38 U	46 U	57 U
2,2-Dichloropropane	--	--	UG/KG	6.5 U	4.8 U	4.7 U	5.8 U	7.1 U
2-Chlorotoluene	--	--	UG/KG	6.5 U	4.8 U	4.7 U	5.8 U	7.1 U
2-Hexanone	--	--	UG/KG	13 U	9.6 U	9.5 U	12 U	14 U
4-Chlorotoluene	--	--	UG/KG	6.5 U	4.8 U	4.7 U	5.8 U	7.1 U
4-Ethyltoluene	--	--	UG/KG	5.2 U	3.8 U	3.8 U	4.6 U	5.7 U
Acetone	50	100000	UG/KG	13 U	3.2 J	9.5 U	16	9.4 J
Acrylonitrile	--	--	UG/KG	13 U	9.6 U	9.5 U	12 U	14 U
Benzene	60	4800	UG/KG	1.3 U	0.96 U	0.95 U	1.2 U	1.4 U
Bromobenzene	--	--	UG/KG	6.5 U	4.8 U	4.7 U	5.8 U	7.1 U
Bromochloromethane	--	--	UG/KG	6.5 U	4.8 U	4.7 U	5.8 U	7.1 U
Bromodichloromethane	--	--	UG/KG	1.3 U	0.96 U	0.95 U	1.2 U	1.4 U

Table 1. Summary of Volatile Organic Compounds in Soil, Sendero Verde Redevelopment Project - Parcel B, New York, New York

				Sample Designation:	SB-7	SB-7X	SB-8	SB-8	SB-10
				Sample Date:	04/30/2018	05/03/2018	04/30/2018	05/03/2018	05/01/2018
				Sample Depth (ft bls):	1	12.5	1	19	1
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit						
Bromoform	--	--	UG/KG	5.2 U	3.8 U	3.8 U	4.6 U	5.7 U	
Bromomethane	--	--	UG/KG	2.6 U	1.9 U	1.9 U	2.3 U	2.8 U	
Carbon Disulfide	--	--	UG/KG	13 U	9.6 U	9.5 U	12 U	14 U	
Carbon Tetrachloride	760	2400	UG/KG	1.3 U	0.96 U	0.95 U	1.2 U	1.4 U	
Chlorobenzene	1100	100000	UG/KG	1.3 U	0.96 U	0.95 U	1.2 U	1.4 U	
Chloroethane	--	--	UG/KG	2.6 U	1.9 U	1.9 U	2.3 U	2.8 U	
Chloroform	370	49000	UG/KG	1.9 U	0.43 J	1.4 U	6	2.1 U	
Chloromethane	--	--	UG/KG	6.5 U	4.8 U	4.7 U	5.8 U	7.1 U	
Cis-1,2-Dichloroethylene	250	100000	UG/KG	1.3 U	0.96 U	0.95 U	1.2 U	1.4 U	
Cis-1,3-Dichloropropene	--	--	UG/KG	1.3 U	0.96 U	0.95 U	1.2 U	1.4 U	
Cymene	--	--	UG/KG	1.3 U	0.96 U	0.95 U	1.2 U	1.4 U	
Dibromochloromethane	--	--	UG/KG	1.3 U	0.96 U	0.95 U	1.2 U	1.4 U	
Dibromomethane	--	--	UG/KG	13 U	9.6 U	9.5 U	12 U	14 U	
Dichlorodifluoromethane	--	--	UG/KG	13 U	9.6 U	9.5 U	12 U	14 U	
Dichloroethylenes	--	--	UG/KG	1.3 U	0.96 U	0.95 U	1.2 U	1.4 U	
Diethyl Ether (Ethyl Ether)	--	--	UG/KG	6.5 U	4.8 U	4.7 U	5.8 U	7.1 U	
Ethylbenzene	1000	41000	UG/KG	1.3 U	0.96 U	0.95 U	1.2 U	1.4 U	
Hexachlorobutadiene	--	--	UG/KG	6.5 U	4.8 U	4.7 U	5.8 U	7.1 U	
Isopropylbenzene (Cumene)	--	--	UG/KG	1.3 U	0.96 U	0.95 U	1.2 U	1.4 U	
m,p-Xylene	--	--	UG/KG	2.6 U	1.9 U	1.9 U	2.3 U	2.8 U	
Methyl Ethyl Ketone (2-Butanone)	120	100000	UG/KG	13 U	9.6 U	9.5 U	12 U	14 U	
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	UG/KG	13 U	9.6 U	9.5 U	12 U	14 U	
Methylene Chloride	50	100000	UG/KG	13 U	9.6 U	9.5 U	2.5 J	14 U	
Naphthalene	12000	100000	UG/KG	6.5 U	4.8 U	4.7 U	5.8 U	7.1 U	
N-Butylbenzene	12000	100000	UG/KG	1.3 U	0.96 U	0.95 U	1.2 U	1.4 U	
N-Propylbenzene	3900	100000	UG/KG	1.3 U	0.96 U	0.95 U	1.2 U	1.4 U	
O-Xylene (1,2-Dimethylbenzene)	--	--	UG/KG	2.6 U	1.9 U	1.9 U	2.3 U	2.8 U	
Sec-Butylbenzene	11000	100000	UG/KG	1.3 U	0.96 U	0.95 U	1.2 U	1.4 U	
Styrene	--	--	UG/KG	2.6 U	1.9 U	1.9 U	2.3 U	2.8 U	
T-Butylbenzene	5900	100000	UG/KG	6.5 U	4.8 U	4.7 U	5.8 U	7.1 U	
Tert-Butyl Methyl Ether	930	100000	UG/KG	2.6 U	1.9 U	1.9 U	2.3 U	2.8 U	
Tetrachloroethylene (PCE)	1300	19000	UG/KG	1.3 U	0.96 U	0.95 U	1.2 U	1.4 U	
Toluene	700	100000	UG/KG	1.9 U	1.4 U	1.4 U	1.7 U	2.1 U	
Total, 1,3-Dichloropropene (Cis And Trans)	--	--	UG/KG	1.3 U	0.96 U	0.95 U	1.2 U	1.4 U	

Table 1. Summary of Volatile Organic Compounds in Soil, Sendero Verde Redevelopment Project - Parcel B, New York, New York

				Sample Designation:	SB-7	SB-7X	SB-8	SB-8	SB-10
				Sample Date:	04/30/2018	05/03/2018	04/30/2018	05/03/2018	05/01/2018
				Sample Depth (ft bls):	1	12.5	1	19	1
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit						
Trans-1,2-Dichloroethene	190	100000	UG/KG	1.9 U	1.4 U	1.4 U	1.7 U	2.1 U	
Trans-1,3-Dichloropropene	--	--	UG/KG	1.3 U	0.96 U	0.95 U	1.2 U	1.4 U	
Trans-1,4-Dichloro-2-Butene	--	--	UG/KG	6.5 U	4.8 U	4.7 U	5.8 U	7.1 U	
Trichloroethylene (TCE)	470	21000	UG/KG	1.3 U	0.96 U	0.95 U	1.2 U	1.4 U	
Trichlorofluoromethane	--	--	UG/KG	6.5 U	4.8 U	4.7 U	5.8 U	7.1 U	
Vinyl Acetate	--	--	UG/KG	13 U	9.6 U	9.5 U	12 U	14 U	
Vinyl Chloride	20	900	UG/KG	2.6 U	1.9 U	1.9 U	2.3 U	2.8 U	
Xylenes	260	100000	UG/KG	2.6 U	1.9 U	1.9 U	2.3 U	2.8 U	

Table 1. Summary of Volatile Organic Compounds in Soil, Sendero Verde Redevelopment Project - Parcel B, New York, New York

				Sample Designation:				
				SB-10	SB-11	SB-11	SB-12	SB-12
				05/01/2018	05/01/2018	05/04/2018	04/30/2018	05/04/2018
				16	1	8	1	18
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit					
1,1,1,2-Tetrachloroethane	--	--	UG/KG	1.1 U	2.2 U	1.5 U	1.4 U	1.4 U
1,1,1-Trichloroethane (TCA)	680	100000	UG/KG	1.1 U	2.2 U	1.5 U	1.4 U	1.4 U
1,1,2,2-Tetrachloroethane	--	--	UG/KG	1.1 U	2.2 U	1.5 U	1.4 U	1.4 U
1,1,2-Trichloroethane	--	--	UG/KG	1.7 U	3.3 U	2.3 U	2.1 U	2.1 U
1,1-Dichloroethane	270	26000	UG/KG	1.7 U	3.3 U	2.3 U	2.1 U	2.1 U
1,1-Dichloroethene	330	100000	UG/KG	1.1 U	2.2 U	1.5 U	1.4 U	1.4 U
1,1-Dichloropropene	--	--	UG/KG	5.7 U	11 U	7.6 U	7.2 U	7 U
1,2,3-Trichlorobenzene	--	--	UG/KG	5.7 U	11 U	7.6 U	7.2 U	7 U
1,2,3-Trichloropropane	--	--	UG/KG	11 U	22 U	15 U	14 U	14 U
1,2,4,5-Tetramethylbenzene	--	--	UG/KG	4.5 U	8.7 U	6.1 U	5.7 U	5.6 U
1,2,4-Trichlorobenzene	--	--	UG/KG	5.7 U	11 U	7.6 U	7.2 U	7 U
1,2,4-Trimethylbenzene	3600	52000	UG/KG	5.7 U	11 U	7.6 U	7.2 U	7 U
1,2-Dibromo-3-Chloropropane	--	--	UG/KG	5.7 U	11 U	7.6 U	7.2 U	7 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	UG/KG	4.5 U	8.7 U	6.1 U	5.7 U	5.6 U
1,2-Dichlorobenzene	1100	100000	UG/KG	5.7 U	11 U	7.6 U	7.2 U	7 U
1,2-Dichloroethane	20	3100	UG/KG	1.1 U	2.2 U	1.5 U	1.4 U	1.4 U
1,2-Dichloropropane	--	--	UG/KG	4 U	7.6 U	5.3 U	5 U	4.9 U
1,3,5-Trimethylbenzene (Mesitylene)	8400	52000	UG/KG	5.7 U	11 U	7.6 U	7.2 U	7 U
1,3-Dichlorobenzene	2400	49000	UG/KG	5.7 U	11 U	7.6 U	7.2 U	7 U
1,3-Dichloropropane	--	--	UG/KG	5.7 U	11 U	7.6 U	7.2 U	7 U
1,4-Dichlorobenzene	1800	13000	UG/KG	5.7 U	11 U	7.6 U	7.2 U	7 U
1,4-Diethyl Benzene	--	--	UG/KG	4.5 U	8.7 U	6.1 U	5.7 U	5.6 U
1,4-Dioxane (P-Dioxane)	100	13000	UG/KG	45 U	87 U	61 U	57 U	56 U
2,2-Dichloropropane	--	--	UG/KG	5.7 U	11 U	7.6 U	7.2 U	7 U
2-Chlorotoluene	--	--	UG/KG	5.7 U	11 U	7.6 U	7.2 U	7 U
2-Hexanone	--	--	UG/KG	11 U	22 U	15 U	14 U	14 U
4-Chlorotoluene	--	--	UG/KG	5.7 U	11 U	7.6 U	7.2 U	7 U
4-Ethyltoluene	--	--	UG/KG	4.5 U	8.7 U	6.1 U	5.7 U	5.6 U
Acetone	50	100000	UG/KG	25	18 J	15 U	14 U	4.6 J
Acrylonitrile	--	--	UG/KG	11 U	22 U	15 U	14 U	14 U
Benzene	60	4800	UG/KG	1.1 U	2.2 U	1.5 U	1.4 U	1.4 U
Bromobenzene	--	--	UG/KG	5.7 U	11 U	7.6 U	7.2 U	7 U
Bromochloromethane	--	--	UG/KG	5.7 U	11 U	7.6 U	7.2 U	7 U
Bromodichloromethane	--	--	UG/KG	1.1 U	2.2 U	1.5 U	1.4 U	1.4 U

Table 1. Summary of Volatile Organic Compounds in Soil, Sendero Verde Redevelopment Project - Parcel B, New York, New York

				Sample Designation:				
				SB-10	SB-11	SB-11	SB-12	SB-12
				05/01/2018	05/01/2018	05/04/2018	04/30/2018	05/04/2018
				16	1	8	1	18
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit					
Bromoform	--	--	UG/KG	4.5 U	8.7 U	6.1 U	5.7 U	5.6 U
Bromomethane	--	--	UG/KG	2.3 U	4.4 U	3 U	2.9 U	2.8 U
Carbon Disulfide	--	--	UG/KG	11 U	22 U	15 U	14 U	14 U
Carbon Tetrachloride	760	2400	UG/KG	1.1 U	2.2 U	1.5 U	1.4 U	1.4 U
Chlorobenzene	1100	100000	UG/KG	1.1 U	2.2 U	1.5 U	1.4 U	1.4 U
Chloroethane	--	--	UG/KG	2.3 U	4.4 U	3 U	2.9 U	2.8 U
Chloroform	370	49000	UG/KG	1.7	3.3 U	2.3 U	2.1 U	2 J
Chloromethane	--	--	UG/KG	5.7 U	11 U	7.6 U	7.2 U	7 U
Cis-1,2-Dichloroethylene	250	100000	UG/KG	1.1 U	2.2 U	1.5 U	1.4 U	1.4 U
Cis-1,3-Dichloropropene	--	--	UG/KG	1.1 U	2.2 U	1.5 U	1.4 U	1.4 U
Cymene	--	--	UG/KG	1.1 U	2.2 U	1.5 U	1.4 U	1.4 U
Dibromochloromethane	--	--	UG/KG	1.1 U	2.2 U	1.5 U	1.4 U	1.4 U
Dibromomethane	--	--	UG/KG	11 U	22 U	15 U	14 U	14 U
Dichlorodifluoromethane	--	--	UG/KG	11 U	22 U	15 U	14 U	14 U
Dichloroethylenes	--	--	UG/KG	1.1 U	2.2 U	1.5 U	1.4 U	1.4 U
Diethyl Ether (Ethyl Ether)	--	--	UG/KG	5.7 U	11 U	7.6 U	7.2 U	7 U
Ethylbenzene	1000	41000	UG/KG	1.1 U	2.2 U	1.5 U	1.4 U	1.4 U
Hexachlorobutadiene	--	--	UG/KG	5.7 U	11 U	7.6 U	7.2 U	7 U
Isopropylbenzene (Cumene)	--	--	UG/KG	1.1 U	2.2 U	1.5 U	1.4 U	1.4 U
m,p-Xylene	--	--	UG/KG	2.3 U	4.4 U	3 U	2.9 U	2.8 U
Methyl Ethyl Ketone (2-Butanone)	120	100000	UG/KG	11 U	22 U	15 U	14 U	14 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	UG/KG	11 U	22 U	15 U	14 U	14 U
Methylene Chloride	50	100000	UG/KG	11 U	22 U	15 U	14 U	14 U
Naphthalene	12000	100000	UG/KG	5.7 U	11 U	7.6 U	7.2 U	7 U
N-Butylbenzene	12000	100000	UG/KG	1.1 U	2.2 U	1.5 U	1.4 U	1.4 U
N-Propylbenzene	3900	100000	UG/KG	1.1 U	2.2 U	1.5 U	1.4 U	1.4 U
O-Xylene (1,2-Dimethylbenzene)	--	--	UG/KG	2.3 U	4.4 U	3 U	2.9 U	2.8 U
Sec-Butylbenzene	11000	100000	UG/KG	1.1 U	2.2 U	1.5 U	1.4 U	1.4 U
Styrene	--	--	UG/KG	2.3 U	4.4 U	3 U	2.9 U	2.8 U
T-Butylbenzene	5900	100000	UG/KG	5.7 U	11 U	7.6 U	7.2 U	7 U
Tert-Butyl Methyl Ether	930	100000	UG/KG	2.3 U	4.4 U	3 U	2.9 U	2.8 U
Tetrachloroethylene (PCE)	1300	19000	UG/KG	1.1 U	2.2 U	1.5 U	1.4 U	1.4 U
Toluene	700	100000	UG/KG	1.7 U	3.3 U	2.3 U	2.1 U	2.1 U
Total, 1,3-Dichloropropene (Cis And Trans)	--	--	UG/KG	1.1 U	2.2 U	1.5 U	1.4 U	1.4 U

Table 1. Summary of Volatile Organic Compounds in Soil, Sendero Verde Redevelopment Project - Parcel B, New York, New York

				Sample Designation:	SB-10	SB-11	SB-11	SB-12	SB-12
				Sample Date:	05/01/2018	05/01/2018	05/04/2018	04/30/2018	05/04/2018
				Sample Depth (ft bls):	16	1	8	1	18
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit						
Trans-1,2-Dichloroethene	190	100000	UG/KG	1.7 U	3.3 U	2.3 U	2.1 U	2.1 U	
Trans-1,3-Dichloropropene	--	--	UG/KG	1.1 U	2.2 U	1.5 U	1.4 U	1.4 U	
Trans-1,4-Dichloro-2-Butene	--	--	UG/KG	5.7 U	11 U	7.6 U	7.2 U	7 U	
Trichloroethylene (TCE)	470	21000	UG/KG	1.1 U	2.2 U	1.5 U	1.4 U	1.4 U	
Trichlorofluoromethane	--	--	UG/KG	5.7 U	11 U	7.6 U	7.2 U	7 U	
Vinyl Acetate	--	--	UG/KG	11 U	22 U	15 U	14 U	14 U	
Vinyl Chloride	20	900	UG/KG	2.3 U	4.4 U	3 U	2.9 U	2.8 U	
Xylenes	260	100000	UG/KG	2.3 U	4.4 U	3 U	2.9 U	2.8 U	

Table 2. Summary of Semivolatile Organic Compounds in Soil, Sendero Verde Redevelopment Project - Parcel B, New York, New York

				Sample Designation:				
				SB-1	SB-1	SB-3	SB-3	SB-4
				Sample Date:				
				05/01/2018	05/02/2018	04/30/2018	05/01/2018	04/30/2018
				Sample Depth (ft bls):				
				0 - 2	12 - 14	0 - 2	17 - 19	0 - 2
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit					
1,2,4,5-Tetrachlorobenzene	--	--	UG/KG	200 U	180 U	190 U	190 U	200 U
1,2,4-Trichlorobenzene	--	--	UG/KG	200 U	180 U	190 U	190 U	200 U
1,2-Dichlorobenzene	1100	100000	UG/KG	200 U	180 U	190 U	190 U	200 U
1,3-Dichlorobenzene	2400	49000	UG/KG	200 U	180 U	190 U	190 U	200 U
1,4-Dichlorobenzene	1800	13000	UG/KG	200 U	180 U	190 U	190 U	200 U
2,4,5-Trichlorophenol	--	--	UG/KG	200 U	180 U	190 U	190 U	200 U
2,4,6-Trichlorophenol	--	--	UG/KG	120 U	110 U	120 U	110 U	120 U
2,4-Dichlorophenol	--	--	UG/KG	180 U	170 U	170 U	170 U	180 U
2,4-Dimethylphenol	--	--	UG/KG	200 U	180 U	190 U	190 U	200 U
2,4-Dinitrophenol	--	--	UG/KG	950 U	890 U	920 U	910 U	960 U
2,4-Dinitrotoluene	--	--	UG/KG	200 U	180 U	190 U	190 U	200 U
2,6-Dinitrotoluene	--	--	UG/KG	200 U	180 U	190 U	190 U	200 U
2-Chloronaphthalene	--	--	UG/KG	200 U	180 U	190 U	190 U	200 U
2-Chlorophenol	--	--	UG/KG	200 U	180 U	190 U	190 U	200 U
2-Methylnaphthalene	--	--	UG/KG	61 J	37 J	230 U	230 U	32 J
2-Methylphenol (O-Cresol)	330	100000	UG/KG	200 U	180 U	190 U	190 U	200 U
2-Nitroaniline	--	--	UG/KG	200 U	180 U	190 U	190 U	200 U
2-Nitrophenol	--	--	UG/KG	430 U	400 U	420 U	410 U	430 U
3- And 4- Methylphenol (Total)	330	100000	UG/KG	80 J	43 J	280 U	270 U	290 U
3,3'-Dichlorobenzidine	--	--	UG/KG	200 U	180 U	190 U	190 U	200 U
3-Nitroaniline	--	--	UG/KG	200 U	180 U	190 U	190 U	200 U
4,6-Dinitro-2-Methylphenol	--	--	UG/KG	520 U	480 U	500 U	490 U	520 U
4-Bromophenyl Phenyl Ether	--	--	UG/KG	200 U	180 U	190 U	190 U	200 U
4-Chloro-3-Methylphenol	--	--	UG/KG	200 U	180 U	190 U	190 U	200 U
4-Chloroaniline	--	--	UG/KG	200 U	180 U	190 U	190 U	200 U
4-Chlorophenyl Phenyl Ether	--	--	UG/KG	200 U	180 U	190 U	190 U	200 U
4-Nitroaniline	--	--	UG/KG	200 U	180 U	190 U	190 U	200 U
4-Nitrophenol	--	--	UG/KG	280 U	260 U	270 U	260 U	280 U
Acenaphthene	20000	100000	UG/KG	100 J	25 J	150 U	150 U	190
Acenaphthylene	100000	100000	UG/KG	1300	1000	110 J	150 U	200
Acetophenone	--	--	UG/KG	200 U	180 U	190 U	190 U	200 U
Anthracene	100000	100000	UG/KG	930	420	79 J	110 U	840
Benzo(A)Anthracene	1000	1000	UG/KG	3200	1800	290	110 U	2500
Benzo(A)Pyrene	1000	1000	UG/KG	2800	2000	290	150 U	2300
Benzo(B)Fluoranthene	1000	1000	UG/KG	4400	3000	380	110 U	2800

Table 2. Summary of Semivolatile Organic Compounds in Soil, Sendero Verde Redevelopment Project - Parcel B, New York, New York

Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit	Sample Designation:				
				Sample Date:				
				SB-1	SB-1	SB-3	SB-3	SB-4
				05/01/2018	05/02/2018	04/30/2018	05/01/2018	04/30/2018
				0 - 2	12 - 14	0 - 2	17 - 19	0 - 2
Benzo(G,H,I)Perylene	100000	100000	UG/KG	1600	1700	250	150 U	1400
Benzo(K)Fluoranthene	800	3900	UG/KG	1300	1100	140	110 U	920
Benzoic Acid	--	--	UG/KG	640 U	600 U	620 U	610 U	640 U
Benzyl Alcohol	--	--	UG/KG	200 U	180 U	190 U	190 U	200 U
Benzyl Butyl Phthalate	--	--	UG/KG	72 J	180 U	190 U	190 U	990
Biphenyl (Diphenyl)	--	--	UG/KG	450 U	420 U	440 U	430 U	450 U
Bis(2-Chloroethoxy) Methane	--	--	UG/KG	210 U	200 U	210 U	200 U	220 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	UG/KG	180 U	170 U	170 U	170 U	180 U
Bis(2-Chloroisopropyl) Ether	--	--	UG/KG	240 U	220 U	230 U	230 U	240 U
Bis(2-Ethylhexyl) Phthalate	--	--	UG/KG	390	180	360	190 U	240
Carbazole	--	--	UG/KG	470	280	42 J	190 U	180 J
Chrysene	1000	3900	UG/KG	3400	2100	290	110 U	2200
Dibenz(A,H)Anthracene	330	330	UG/KG	500	370	50 J	110 U	310
Dibenzofuran	7000	59000	UG/KG	140 J	49 J	190 U	190 U	140 J
Diethyl Phthalate	--	--	UG/KG	200 U	180 U	190 U	190 U	200 U
Dimethyl Phthalate	--	--	UG/KG	200 U	180 U	190 U	190 U	200 U
Di-N-Butyl Phthalate	--	--	UG/KG	200 U	180 U	190 U	190 U	200 U
Di-N-Octylphthalate	--	--	UG/KG	200 U	180 U	190 U	190 U	200 U
Fluoranthene	100000	100000	UG/KG	5100	3700	530	110 U	4700
Fluorene	30000	100000	UG/KG	220	86 J	21 J	190 U	160 J
Hexachlorobenzene	330	1200	UG/KG	120 U	110 U	120 U	110 U	120 U
Hexachlorobutadiene	--	--	UG/KG	200 U	180 U	190 U	190 U	200 U
Hexachlorocyclopentadiene	--	--	UG/KG	570 U	530 U	550 U	540 U	570 U
Hexachloroethane	--	--	UG/KG	160 U	150 U	150 U	150 U	160 U
Indeno(1,2,3-C,D)Pyrene	500	500	UG/KG	2000	1800	250	150 U	1600
Isophorone	--	--	UG/KG	180 U	170 U	170 U	170 U	180 U
Naphthalene	12000	100000	UG/KG	110 J	44 J	190 U	190 U	77 J
Nitrobenzene	--	--	UG/KG	180 U	170 U	170 U	170 U	180 U
N-Nitrosodi-N-Propylamine	--	--	UG/KG	200 U	180 U	190 U	190 U	200 U
N-Nitrosodiphenylamine	--	--	UG/KG	160 U	150 U	150 U	150 U	160 U
Pentachlorophenol	800	6700	UG/KG	160 U	150 U	150 U	150 U	160 U
Phenanthrene	100000	100000	UG/KG	3200	1400	240	110 U	2800
Phenol	330	100000	UG/KG	54 J	180 U	190 U	190 U	200 U
Pyrene	100000	100000	UG/KG	4300	3000	460	110 U	4100

Table 2. Summary of Semivolatile Organic Compounds in Soil, Sendero Verde Redevelopment Project - Parcel B, New York, New York

				Sample Designation:				
				SB-4	SB-5	SB-5	SB-6	SB-6
				05/01/2018	04/30/2018	05/02/2018	04/30/2018	05/02/2018
				11 - 13	0 - 2	18 - 20	0 - 2	17 - 19
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit					
1,2,4,5-Tetrachlorobenzene	--	--	UG/KG	190 U	210 U	200 U	190 U	200 U
1,2,4-Trichlorobenzene	--	--	UG/KG	190 U	210 U	200 U	190 U	200 U
1,2-Dichlorobenzene	1100	100000	UG/KG	190 U	210 U	200 U	190 U	200 U
1,3-Dichlorobenzene	2400	49000	UG/KG	190 U	210 U	200 U	190 U	200 U
1,4-Dichlorobenzene	1800	13000	UG/KG	190 U	210 U	200 U	190 U	200 U
2,4,5-Trichlorophenol	--	--	UG/KG	190 U	210 U	200 U	190 U	200 U
2,4,6-Trichlorophenol	--	--	UG/KG	110 U	120 U	120 U	110 U	120 U
2,4-Dichlorophenol	--	--	UG/KG	170 U	190 U	180 U	170 U	180 U
2,4-Dimethylphenol	--	--	UG/KG	190 U	210 U	200 U	190 U	200 U
2,4-Dinitrophenol	--	--	UG/KG	910 U	1000 U	960 U	900 U	960 U
2,4-Dinitrotoluene	--	--	UG/KG	190 U	210 U	200 U	190 U	200 U
2,6-Dinitrotoluene	--	--	UG/KG	190 U	210 U	200 U	190 U	200 U
2-Chloronaphthalene	--	--	UG/KG	190 U	210 U	200 U	190 U	200 U
2-Chlorophenol	--	--	UG/KG	190 U	210 U	200 U	190 U	200 U
2-Methylnaphthalene	--	--	UG/KG	62 J	360	240 U	34 J	240 U
2-Methylphenol (O-Cresol)	330	100000	UG/KG	190 U	210 U	200 U	190 U	200 U
2-Nitroaniline	--	--	UG/KG	190 U	210 U	200 U	190 U	200 U
2-Nitrophenol	--	--	UG/KG	410 U	450 U	430 U	410 U	430 U
3- And 4- Methylphenol (Total)	330	100000	UG/KG	270 U	88 J	290 U	51 J	290 U
3,3'-Dichlorobenzidine	--	--	UG/KG	190 U	210 U	200 U	190 U	200 U
3-Nitroaniline	--	--	UG/KG	190 U	210 U	200 U	190 U	200 U
4,6-Dinitro-2-Methylphenol	--	--	UG/KG	490 U	540 U	520 U	490 U	520 U
4-Bromophenyl Phenyl Ether	--	--	UG/KG	190 U	210 U	200 U	190 U	200 U
4-Chloro-3-Methylphenol	--	--	UG/KG	190 U	210 U	200 U	190 U	200 U
4-Chloroaniline	--	--	UG/KG	190 U	210 U	200 U	190 U	200 U
4-Chlorophenyl Phenyl Ether	--	--	UG/KG	190 U	210 U	200 U	190 U	200 U
4-Nitroaniline	--	--	UG/KG	190 U	210 U	200 U	190 U	200 U
4-Nitrophenol	--	--	UG/KG	260 U	290 U	280 U	260 U	280 U
Acenaphthene	20000	100000	UG/KG	320	570	160 U	42 J	160 U
Acenaphthylene	100000	100000	UG/KG	310	3600	160 U	1000	160 U
Acetophenone	--	--	UG/KG	190 U	210 U	200 U	190 U	200 U
Anthracene	100000	100000	UG/KG	1000	2200	120 U	580	120 U
Benzo(A)Anthracene	1000	1000	UG/KG	2100	6000	120 U	1400	120 U
Benzo(A)Pyrene	1000	1000	UG/KG	1700	6200	160 U	1600	160 U
Benzo(B)Fluoranthene	1000	1000	UG/KG	2400	10000	120 U	2300	120 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, Sendero Verde Redevelopment Project - Parcel B, New York, New York

Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit	Sample Designation:				
				SB-4	SB-5	SB-5	SB-6	SB-6
				Sample Date: 05/01/2018	04/30/2018	05/02/2018	04/30/2018	05/02/2018
Sample Depth (ft bls):				11 - 13	0 - 2	18 - 20	0 - 2	17 - 19
Benzo(G,H,I)Perylene	100000	100000	UG/KG	1100	4400	160 U	1700	160 U
Benzo(K)Fluoranthene	800	3900	UG/KG	840	2400	120 U	750	120 U
Benzoic Acid	--	--	UG/KG	610 U	680 U	650 U	610 U	650 U
Benzyl Alcohol	--	--	UG/KG	190 U	210 U	200 U	190 U	200 U
Benzyl Butyl Phthalate	--	--	UG/KG	190 U	71 J	200 U	190 U	200 U
Biphenyl (Diphenyl)	--	--	UG/KG	430 U	140 J	460 U	430 U	460 U
Bis(2-Chloroethoxy) Methane	--	--	UG/KG	200 U	230 U	220 U	200 U	220 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	UG/KG	170 U	190 U	180 U	170 U	180 U
Bis(2-Chloroisopropyl) Ether	--	--	UG/KG	230 U	250 U	240 U	230 U	240 U
Bis(2-Ethylhexyl) Phthalate	--	--	UG/KG	66 J	110 J	200 U	110 J	200 U
Carbazole	--	--	UG/KG	290	930	200 U	310	200 U
Chrysene	1000	3900	UG/KG	1900	7200	120 U	1500	120 U
Dibenz(A,H)Anthracene	330	330	UG/KG	310	1000	120 U	390	120 U
Dibenzofuran	7000	59000	UG/KG	280	1100	200 U	72 J	200 U
Diethyl Phthalate	--	--	UG/KG	190 U	210 U	200 U	190 U	200 U
Dimethyl Phthalate	--	--	UG/KG	190 U	210 U	200 U	190 U	200 U
Di-N-Butyl Phthalate	--	--	UG/KG	190 U	210 U	200 U	190 U	200 U
Di-N-Octylphthalate	--	--	UG/KG	190 U	210 U	200 U	190 U	200 U
Fluoranthene	100000	100000	UG/KG	3800	25000	120 U	2400	120 U
Fluorene	30000	100000	UG/KG	260	1200	200 U	79 J	200 U
Hexachlorobenzene	330	1200	UG/KG	110 U	120 U	120 U	110 U	120 U
Hexachlorobutadiene	--	--	UG/KG	190 U	210 U	200 U	190 U	200 U
Hexachlorocyclopentadiene	--	--	UG/KG	540 U	600 U	570 U	540 U	570 U
Hexachloroethane	--	--	UG/KG	150 U	170 U	160 U	150 U	160 U
Indeno(1,2,3-C,D)Pyrene	500	500	UG/KG	1200	5100	160 U	1600	160 U
Isophorone	--	--	UG/KG	170 U	190 U	180 U	170 U	180 U
Naphthalene	12000	100000	UG/KG	120 J	320	200 U	120 J	200 U
Nitrobenzene	--	--	UG/KG	170 U	190 U	180 U	170 U	180 U
N-Nitrosodi-N-Propylamine	--	--	UG/KG	190 U	210 U	200 U	190 U	200 U
N-Nitrosodiphenylamine	--	--	UG/KG	150 U	170 U	160 U	150 U	160 U
Pentachlorophenol	800	6700	UG/KG	150 U	170 U	160 U	150 U	160 U
Phenanthrene	100000	100000	UG/KG	3600	22000	120 U	1300	120 U
Phenol	330	100000	UG/KG	190 U	54 J	200 U	190 U	200 U
Pyrene	100000	100000	UG/KG	3400	20000	120 U	2000	120 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, Sendero Verde Redevelopment Project - Parcel B, New York, New York

				Sample Designation:	SB-7	SB-7	SB-8	SB-8	SB-10
				Sample Date:	04/30/2018	05/03/2018	04/30/2018	05/03/2018	05/01/2018
				Sample Depth (ft bls):	0 - 2	11 - 13	0 - 2	18 - 20	0 - 2
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit						
1,2,4,5-Tetrachlorobenzene	--	--	UG/KG	200 U	180 U	180 U	210 U	190 U	
1,2,4-Trichlorobenzene	--	--	UG/KG	200 U	180 U	180 U	210 U	190 U	
1,2-Dichlorobenzene	1100	100000	UG/KG	200 U	180 U	180 U	210 U	190 U	
1,3-Dichlorobenzene	2400	49000	UG/KG	200 U	180 U	180 U	210 U	190 U	
1,4-Dichlorobenzene	1800	13000	UG/KG	200 U	180 U	180 U	210 U	190 U	
2,4,5-Trichlorophenol	--	--	UG/KG	200 U	180 U	180 U	210 U	190 U	
2,4,6-Trichlorophenol	--	--	UG/KG	120 U	110 U	110 U	130 U	120 U	
2,4-Dichlorophenol	--	--	UG/KG	180 U	160 U	160 U	190 U	170 U	
2,4-Dimethylphenol	--	--	UG/KG	200 U	180 U	180 U	210 U	190 U	
2,4-Dinitrophenol	--	--	UG/KG	960 U	860 U	860 U	1000 U	920 U	
2,4-Dinitrotoluene	--	--	UG/KG	200 U	180 U	180 U	210 U	190 U	
2,6-Dinitrotoluene	--	--	UG/KG	200 U	180 U	180 U	210 U	190 U	
2-Chloronaphthalene	--	--	UG/KG	200 U	180 U	180 U	210 U	190 U	
2-Chlorophenol	--	--	UG/KG	200 U	180 U	180 U	210 U	190 U	
2-Methylnaphthalene	--	--	UG/KG	240 U	220 U	220 U	250 U	26 J	
2-Methylphenol (O-Cresol)	330	100000	UG/KG	200 U	180 U	180 U	210 U	190 U	
2-Nitroaniline	--	--	UG/KG	200 U	180 U	180 U	210 U	190 U	
2-Nitrophenol	--	--	UG/KG	430 U	390 U	390 U	460 U	420 U	
3- And 4- Methylphenol (Total)	330	100000	UG/KG	290 U	260 U	260 U	300 U	280 U	
3,3'-Dichlorobenzidine	--	--	UG/KG	200 U	180 U	180 U	210 U	190 U	
3-Nitroaniline	--	--	UG/KG	200 U	180 U	180 U	210 U	190 U	
4,6-Dinitro-2-Methylphenol	--	--	UG/KG	520 U	470 U	470 U	550 U	500 U	
4-Bromophenyl Phenyl Ether	--	--	UG/KG	200 U	180 U	180 U	210 U	190 U	
4-Chloro-3-Methylphenol	--	--	UG/KG	200 U	180 U	180 U	210 U	190 U	
4-Chloroaniline	--	--	UG/KG	200 U	180 U	180 U	210 U	190 U	
4-Chlorophenyl Phenyl Ether	--	--	UG/KG	200 U	180 U	180 U	210 U	190 U	
4-Nitroaniline	--	--	UG/KG	200 U	180 U	180 U	210 U	190 U	
4-Nitrophenol	--	--	UG/KG	280 U	250 U	250 U	300 U	270 U	
Acenaphthene	20000	100000	UG/KG	33 J	20 J	140 U	170 U	60 J	
Acenaphthylene	100000	100000	UG/KG	140 J	140 U	84 J	170 U	480	
Acetophenone	--	--	UG/KG	200 U	180 U	180 U	210 U	190 U	
Anthracene	100000	100000	UG/KG	150	160	44 J	130 U	430	
Benzo(A)Anthracene	1000	1000	UG/KG	480	250	140	130 U	1700	
Benzo(A)Pyrene	1000	1000	UG/KG	440	220	150	170 U	1500	
Benzo(B)Fluoranthene	1000	1000	UG/KG	600	240	200	130 U	2100	

Table 2. Summary of Semivolatile Organic Compounds in Soil, Sendero Verde Redevelopment Project - Parcel B, New York, New York

Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit	Sample Designation:	SB-7	SB-7	SB-8	SB-8	SB-10
				Sample Date:	04/30/2018	05/03/2018	04/30/2018	05/03/2018	05/01/2018
				Sample Depth (ft bls):	0 - 2	11 - 13	0 - 2	18 - 20	0 - 2
Benzo(G,H,I)Perylene	100000	100000	UG/KG	300	140	120 J	170 U	1100	
Benzo(K)Fluoranthene	800	3900	UG/KG	140	91 J	68 J	130 U	770	
Benzoic Acid	--	--	UG/KG	650 U	580 U	580 U	680 U	620 U	
Benzyl Alcohol	--	--	UG/KG	200 U	180 U	180 U	210 U	190 U	
Benzyl Butyl Phthalate	--	--	UG/KG	200 U	180 U	180 U	210 U	6600	
Biphenyl (Diphenyl)	--	--	UG/KG	450 U	410 U	410 U	480 U	440 U	
Bis(2-Chloroethoxy) Methane	--	--	UG/KG	220 U	190 U	190 U	230 U	210 U	
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	UG/KG	180 U	160 U	160 U	190 U	170 U	
Bis(2-Chloroisopropyl) Ether	--	--	UG/KG	240 U	220 U	220 U	250 U	230 U	
Bis(2-Ethylhexyl) Phthalate	--	--	UG/KG	160 J	180 U	180 U	210 U	630	
Carbazole	--	--	UG/KG	40 J	18 J	21 J	210 U	180 J	
Chrysene	1000	3900	UG/KG	470	220	150	130 U	1800	
Dibenz(A,H)Anthracene	330	330	UG/KG	63 J	30 J	26 J	130 U	280	
Dibenzofuran	7000	59000	UG/KG	200 U	17 J	180 U	210 U	70 J	
Diethyl Phthalate	--	--	UG/KG	200 U	180 U	180 U	210 U	190 U	
Dimethyl Phthalate	--	--	UG/KG	200 U	180 U	180 U	210 U	190 U	
Di-N-Butyl Phthalate	--	--	UG/KG	200 U	180 U	180 U	210 U	120 J	
Di-N-Octylphthalate	--	--	UG/KG	200 U	180 U	180 U	210 U	190 U	
Fluoranthene	100000	100000	UG/KG	830	550	240	130 U	3200	
Fluorene	30000	100000	UG/KG	42 J	39 J	180 U	210 U	82 J	
Hexachlorobenzene	330	1200	UG/KG	120 U	110 U	110 U	130 U	120 U	
Hexachlorobutadiene	--	--	UG/KG	200 U	180 U	180 U	210 U	190 U	
Hexachlorocyclopentadiene	--	--	UG/KG	570 U	510 U	520 U	600 U	550 U	
Hexachloroethane	--	--	UG/KG	160 U	140 U	140 U	170 U	150 U	
Indeno(1,2,3-C,D)Pyrene	500	500	UG/KG	310	140	120 J	170 U	1200	
Isophorone	--	--	UG/KG	180 U	160 U	160 U	190 U	170 U	
Naphthalene	12000	100000	UG/KG	200 U	180 U	180 U	210 U	78 J	
Nitrobenzene	--	--	UG/KG	180 U	160 U	160 U	190 U	170 U	
N-Nitrosodi-N-Propylamine	--	--	UG/KG	200 U	180 U	180 U	210 U	190 U	
N-Nitrosodiphenylamine	--	--	UG/KG	160 U	140 U	140 U	170 U	150 U	
Pentachlorophenol	800	6700	UG/KG	160 U	140 U	140 U	170 U	150 U	
Phenanthrene	100000	100000	UG/KG	410	530	88 J	130 U	1700	
Phenol	330	100000	UG/KG	200 U	180 U	180 U	210 U	190 U	
Pyrene	100000	100000	UG/KG	790	520	210	130 U	2900	

Table 2. Summary of Semivolatile Organic Compounds in Soil, Sendero Verde Redevelopment Project - Parcel B, New York, New York

				Sample Designation:	SB-10	SB-11	SB-11	SB-12	SB-12
				Sample Date:	05/01/2018	05/01/2018	05/04/2018	04/30/2018	05/04/2018
				Sample Depth (ft bls):	15 - 17	0 - 2	8 - 10	0 - 2	17 - 19
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit						
1,2,4,5-Tetrachlorobenzene	--	--	UG/KG	180 U	190 U	220 U	190 U	190 U	
1,2,4-Trichlorobenzene	--	--	UG/KG	180 U	190 U	220 U	190 U	190 U	
1,2-Dichlorobenzene	1100	100000	UG/KG	180 U	190 U	220 U	190 U	190 U	
1,3-Dichlorobenzene	2400	49000	UG/KG	180 U	190 U	220 U	190 U	190 U	
1,4-Dichlorobenzene	1800	13000	UG/KG	180 U	190 U	220 U	190 U	190 U	
2,4,5-Trichlorophenol	--	--	UG/KG	180 U	190 U	220 U	190 U	190 U	
2,4,6-Trichlorophenol	--	--	UG/KG	110 U	110 U	130 U	120 U	110 U	
2,4-Dichlorophenol	--	--	UG/KG	160 U	170 U	200 U	170 U	170 U	
2,4-Dimethylphenol	--	--	UG/KG	180 U	190 U	220 U	190 U	190 U	
2,4-Dinitrophenol	--	--	UG/KG	880 U	890 U	1000 U	930 U	920 U	
2,4-Dinitrotoluene	--	--	UG/KG	180 U	190 U	220 U	190 U	190 U	
2,6-Dinitrotoluene	--	--	UG/KG	180 U	190 U	220 U	190 U	190 U	
2-Chloronaphthalene	--	--	UG/KG	180 U	190 U	220 U	190 U	190 U	
2-Chlorophenol	--	--	UG/KG	180 U	190 U	220 U	190 U	190 U	
2-Methylnaphthalene	--	--	UG/KG	220 U	220 U	260 U	230 U	230 U	
2-Methylphenol (O-Cresol)	330	100000	UG/KG	180 U	190 U	220 U	190 U	190 U	
2-Nitroaniline	--	--	UG/KG	180 U	190 U	220 U	190 U	190 U	
2-Nitrophenol	--	--	UG/KG	390 U	400 U	470 U	420 U	410 U	
3- And 4- Methylphenol (Total)	330	100000	UG/KG	260 U	45 J	310 U	280 U	280 U	
3,3'-Dichlorobenzidine	--	--	UG/KG	180 U	190 U	220 U	190 U	190 U	
3-Nitroaniline	--	--	UG/KG	180 U	190 U	220 U	190 U	190 U	
4,6-Dinitro-2-Methylphenol	--	--	UG/KG	470 U	480 U	560 U	500 U	500 U	
4-Bromophenyl Phenyl Ether	--	--	UG/KG	180 U	190 U	220 U	190 U	190 U	
4-Chloro-3-Methylphenol	--	--	UG/KG	180 U	190 U	220 U	190 U	190 U	
4-Chloroaniline	--	--	UG/KG	180 U	190 U	220 U	190 U	190 U	
4-Chlorophenyl Phenyl Ether	--	--	UG/KG	180 U	190 U	220 U	190 U	190 U	
4-Nitroaniline	--	--	UG/KG	180 U	190 U	220 U	190 U	190 U	
4-Nitrophenol	--	--	UG/KG	260 U	260 U	300 U	270 U	270 U	
Acenaphthene	20000	100000	UG/KG	140 U	150 U	170 U	49 J	150 U	
Acenaphthylene	100000	100000	UG/KG	140 U	480	340	470	150 U	
Acetophenone	--	--	UG/KG	180 U	26 J	220 U	190 U	190 U	
Anthracene	100000	100000	UG/KG	110 U	230	210	310	110 U	
Benzo(A)Anthracene	1000	1000	UG/KG	37 J	640	830	1300	110 U	
Benzo(A)Pyrene	1000	1000	UG/KG	140 U	690	720	1200	150 U	
Benzo(B)Fluoranthene	1000	1000	UG/KG	49 J	980	1000	1500	110 U	

Table 2. Summary of Semivolatile Organic Compounds in Soil, Sendero Verde Redevelopment Project - Parcel B, New York, New York

				Sample Designation:	SB-10	SB-11	SB-11	SB-12	SB-12
				Sample Date:	05/01/2018	05/01/2018	05/04/2018	04/30/2018	05/04/2018
				Sample Depth (ft bls):	15 - 17	0 - 2	8 - 10	0 - 2	17 - 19
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit						
Benzo(G,H,I)Perylene	100000	100000	UG/KG	28 J	640	560	900	150 U	
Benzo(K)Fluoranthene	800	3900	UG/KG	110 U	300	320	620	110 U	
Benzoic Acid	--	--	UG/KG	590 U	600 U	700 U	630 U	620 U	
Benzyl Alcohol	--	--	UG/KG	180 U	190 U	220 U	190 U	190 U	
Benzyl Butyl Phthalate	--	--	UG/KG	180 U	280	220 U	190 U	190 U	
Biphenyl (Diphenyl)	--	--	UG/KG	420 U	420 U	490 U	440 U	440 U	
Bis(2-Chloroethoxy) Methane	--	--	UG/KG	200 U	200 U	230 U	210 U	210 U	
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	UG/KG	160 U	170 U	200 U	170 U	170 U	
Bis(2-Chloroisopropyl) Ether	--	--	UG/KG	220 U	220 U	260 U	230 U	230 U	
Bis(2-Ethylhexyl) Phthalate	--	--	UG/KG	180 U	130 J	220 U	690	190 U	
Carbazole	--	--	UG/KG	180 U	100 J	110 J	110 J	190 U	
Chrysene	1000	3900	UG/KG	36 J	660	810	1400	110 U	
Dibenz(A,H)Anthracene	330	330	UG/KG	110 U	140	140	230	110 U	
Dibenzofuran	7000	59000	UG/KG	180 U	20 J	35 J	30 J	190 U	
Diethyl Phthalate	--	--	UG/KG	180 U	190 U	220 U	190 U	190 U	
Dimethyl Phthalate	--	--	UG/KG	180 U	190 U	220 U	190 U	190 U	
Di-N-Butyl Phthalate	--	--	UG/KG	180 U	190 U	220 U	190 U	190 U	
Di-N-Octylphthalate	--	--	UG/KG	180 U	190 U	220 U	940	190 U	
Fluoranthene	100000	100000	UG/KG	54 J	930	1200	1900	110 U	
Fluorene	30000	100000	UG/KG	180 U	46 J	47 J	70 J	190 U	
Hexachlorobenzene	330	1200	UG/KG	110 U	110 U	130 U	120 U	110 U	
Hexachlorobutadiene	--	--	UG/KG	180 U	190 U	220 U	190 U	190 U	
Hexachlorocyclopentadiene	--	--	UG/KG	520 U	530 U	620 U	550 U	550 U	
Hexachloroethane	--	--	UG/KG	140 U	150 U	170 U	160 U	150 U	
Indeno(1,2,3-C,D)Pyrene	500	500	UG/KG	28 J	540	560	940	150 U	
Isophorone	--	--	UG/KG	160 U	170 U	200 U	170 U	170 U	
Naphthalene	12000	100000	UG/KG	180 U	46 J	44 J	37 J	190 U	
Nitrobenzene	--	--	UG/KG	160 U	170 U	200 U	170 U	170 U	
N-Nitrosodi-N-Propylamine	--	--	UG/KG	180 U	190 U	220 U	190 U	190 U	
N-Nitrosodiphenylamine	--	--	UG/KG	140 U	150 U	170 U	160 U	150 U	
Pentachlorophenol	800	6700	UG/KG	140 U	150 U	170 U	160 U	150 U	
Phenanthrene	100000	100000	UG/KG	23 J	430	810	940	110 U	
Phenol	330	100000	UG/KG	180 U	32 J	220 U	190 U	190 U	
Pyrene	100000	100000	UG/KG	51 J	910	1300	1900	110 U	

Table 3. Summary of Metals in Soil, Sendero Verde Redevelopment Project - Parcel B, New York, New York

				Sample Designation:		Sample Date:		Sample Depth (ft bls):			
				SB-1	SB-1	SB-3	SB-3	SB-4	SB-4	SB-5	
				05/01/2018	05/02/2018	04/30/2018	05/01/2018	04/30/2018	05/01/2018	04/30/2018	
				0 - 2	12 - 14	0 - 2	17 - 19	0 - 2	11 - 13	0 - 2	
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit								
Aluminum	--	--	MG/KG	4430	4720	5620	2280	5740	5470	8260	
Antimony	--	--	MG/KG	7.07	1.54 J	4.47 U	4.52 U	0.433 J	4.46 U	0.63 J	
Arsenic	13	16	MG/KG	5.4	5.07	6.35	0.57 J	6.29	2.8	4.93	
Barium	350	400	MG/KG	403	418	60.3	16.4	230	439	233	
Beryllium	7.2	72	MG/KG	0.201 J	0.15 J	0.206 J	0.163 J	0.231 J	0.286 J	0.29 J	
Cadmium	2.5	4.3	MG/KG	1.4	0.74 J	0.286 J	0.904 U	0.625 J	0.526 J	0.56 J	
Calcium	--	--	MG/KG	14600	17400	2130	343	21400	25900	13500	
Chromium, Total	30	180	MG/KG	17.4	20.8	7.13	7.04	12.5	13.8	11.2	
Cobalt	--	--	MG/KG	3.99	4.55	2.68	2.04	4.28	5.22	4.05	
Copper	50	270	MG/KG	5060	30.8	11.3	8.98	35.3	20.7	22.3	
Iron	--	--	MG/KG	15200	9730	10900	4990	10100	11400	10600	
Lead	63	400	MG/KG	458	820	36.5	1.74 J	178	79.4	319	
Magnesium	--	--	MG/KG	2670	2710	987	854	3160	3700	2140	
Manganese	1600	2000	MG/KG	222	205	133	144	267	231	157	
Mercury	0.18	0.81	MG/KG	0.259	0.302	0.078	0.073 U	0.466	0.187	0.288	
Nickel	30	310	MG/KG	14.9	9.4	6.25	3.7	11	8.89	8.14	
Potassium	--	--	MG/KG	422	495	303	247	849	1090	622	
Selenium	3.9	180	MG/KG	0.485 J	0.37 J	0.724 J	1.81 U	0.471 J	0.303 J	0.39 J	
Silver	2	180	MG/KG	0.54 J	0.396 J	0.894 U	0.904 U	0.962 U	0.892 U	1 U	
Sodium	--	--	MG/KG	128 J	259	35.6 J	47.4 J	160 J	197	383	
Thallium	--	--	MG/KG	1.83 U	1.76 U	1.79 U	1.81 U	1.92 U	1.78 U	2 U	
Vanadium	--	--	MG/KG	17.9	16.6	12.7	7.04	26.2	18.4	21.6	
Zinc	109	10000	MG/KG	436	617	53.2	6.66	225	293	265	

Table 3. Summary of Metals in Soil, Sendero Verde Redevelopment Project - Parcel B, New York, New York

				Sample Designation:						
				SB-5	SB-6	SB-6	SB-7	SB-7	SB-8	SB-8
				05/02/2018	04/30/2018	05/02/2018	04/30/2018	05/03/2018	04/30/2018	05/03/2018
				18 - 20	0 - 2	17 - 19	0 - 2	11 - 13	0 - 2	18 - 20
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit							
Aluminum	--	--	MG/KG	2470	4360	2600	4930	5480	4840	3790
Antimony	--	--	MG/KG	4.8 U	1.97 J	4.61 U	4.56 U	4.2 U	4.31 U	5.09 U
Arsenic	13	16	MG/KG	1.52	4.89	0.637 J	4.46	0.731 J	3.38	0.926 J
Barium	350	400	MG/KG	28.1	564	24.8	51.8	42.5	77.7	31.8
Beryllium	7.2	72	MG/KG	0.154 J	0.175 J	0.157 J	0.237 J	0.168 J	0.172 J	0.214 J
Cadmium	2.5	4.3	MG/KG	0.96 U	0.76 J	0.923 U	0.283 J	0.84 U	0.181 J	1.02 U
Calcium	--	--	MG/KG	488	32000	697	2350	9830	11600	1070
Chromium, Total	30	180	MG/KG	6.96	12.1	10.8	8.51	10.2	5.06	8.56
Cobalt	--	--	MG/KG	2.57	3.76	2.91	3.31	4.46	1.9	3.84
Copper	50	270	MG/KG	9.85	20.1	8.08	14.2	14.9	7.62	8.33
Iron	--	--	MG/KG	6110	10600	7440	8370	9040	5590	9900
Lead	63	400	MG/KG	2.28 J	460	2.52 J	41.2	7.78	29.1	3.8 J
Magnesium	--	--	MG/KG	1160	3410	1170	1720	2670	1940	1470
Manganese	1600	2000	MG/KG	296	236	278	123	110	122	355
Mercury	0.18	0.81	MG/KG	0.076 U	0.335	0.076 U	0.136	0.022 J	0.098	0.081 U
Nickel	30	310	MG/KG	6.49	7.68	7.7	6.94	9.15	3.71	9.47
Potassium	--	--	MG/KG	381	562	349	382	1770	488	684
Selenium	3.9	180	MG/KG	1.92 U	0.568 J	1.84 U	0.31 J	1.68 U	1.72 U	2.03 U
Silver	2	180	MG/KG	0.96 U	0.874 U	0.923 U	0.913 U	0.84 U	0.861 U	1.02 U
Sodium	--	--	MG/KG	47.3 J	275	48.4 J	30.8 J	117 J	97.4 J	59 J
Thallium	--	--	MG/KG	1.92 U	1.75 U	1.84 U	1.82 U	1.68 U	1.72 U	2.03 U
Vanadium	--	--	MG/KG	9.12	16.6	10.5	14.1	13.6	9.65	13.2
Zinc	109	10000	MG/KG	9.39	474	10.3	58.6	23.4	70.4	14.8

Table 3. Summary of Metals in Soil, Sendero Verde Redevelopment Project - Parcel B, New York, New York

				Sample Designation:	SB-10	SB-10	SB-11	SB-11	SB-12	SB-12
				Sample Date:	05/01/2018	05/01/2018	05/01/2018	05/04/2018	04/30/2018	05/04/2018
				Sample Depth (ft bls):	0 - 2	15 - 17	0 - 2	8 - 10	0 - 2	17 - 19
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit							
Aluminum	--	--	MG/KG	6230	5210	4400	8270	6970	2700	
Antimony	--	--	MG/KG	0.698 J	4.41 U	0.999 J	1.08 J	0.465 J	4.48 U	
Arsenic	13	16	MG/KG	4.98	1.45	3.8	29.5	8.65	1.16	
Barium	350	400	MG/KG	677	32.8	281	452	183	27.3	
Beryllium	7.2	72	MG/KG	0.242 J	0.344 J	0.241 J	0.354 J	0.283 J	0.17 J	
Cadmium	2.5	4.3	MG/KG	1.21	0.176 J	0.723 J	2.15	0.474 J	0.116 J	
Calcium	--	--	MG/KG	41000	2000	14500	38600	8330	453	
Chromium, Total	30	180	MG/KG	13	14.8	11.2	15	13.6	8.73	
Cobalt	--	--	MG/KG	4.41	5.53	4.16	8.91	5.24	2.44	
Copper	50	270	MG/KG	98.4	30	28.4	50.3	31.6	10.5	
Iron	--	--	MG/KG	8890	12000	8830	25400	12800	5810	
Lead	63	400	MG/KG	405	3.51 J	165	250	159	2.23 J	
Magnesium	--	--	MG/KG	3890	3310	3060	8450	2520	1040	
Manganese	1600	2000	MG/KG	269	129	265	467	193	262	
Mercury	0.18	0.81	MG/KG	0.367	0.071 U	0.298	0.244	0.3	0.072 U	
Nickel	30	310	MG/KG	9.15	19.8	10.4	22	10.1	6.47	
Potassium	--	--	MG/KG	757	655	540	1100	814	378	
Selenium	3.9	180	MG/KG	0.286 J	1.76 U	0.482 J	0.87 J	0.51 J	1.79 U	
Silver	2	180	MG/KG	0.895 U	0.882 U	0.861 U	1.01 U	0.912 U	0.896 U	
Sodium	--	--	MG/KG	459	183	128 J	612	141 J	63 J	
Thallium	--	--	MG/KG	1.79 U	1.76 U	1.72 U	2.02 U	1.82 U	1.79 U	
Vanadium	--	--	MG/KG	18.1	32	17.3	23.9	36.9	9	
Zinc	109	10000	MG/KG	626	24.8	274	777	154	8.4	

Table 4. Summary of Polychlorinated Biphenyls in Soil, Sendero Verde Redevelopment Project - Parcel B, New York, New York

				Sample Designation:					
				SB-1	SB-1	SB-3	SB-3	SB-4	SB-4
				05/01/2018	05/02/2018	04/30/2018	05/01/2018	04/30/2018	05/01/2018
				0 - 2	12 - 14	0 - 2	17 - 19	0 - 2	11 - 13
				Sample Depth (ft bls):					
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit						
PCB-1016 (Aroclor 1016)	--	--	UG/KG	39.7 U	37.2 U	39.5 U	37.6 U	39 U	37.7 U
PCB-1221 (Aroclor 1221)	--	--	UG/KG	39.7 U	37.2 U	39.5 U	37.6 U	39 U	37.7 U
PCB-1232 (Aroclor 1232)	--	--	UG/KG	39.7 U	37.2 U	39.5 U	37.6 U	39 U	37.7 U
PCB-1242 (Aroclor 1242)	--	--	UG/KG	39.7 U	37.2 U	39.5 U	37.6 U	39 U	37.7 U
PCB-1248 (Aroclor 1248)	--	--	UG/KG	39.7 U	37.2 U	39.5 U	37.6 U	39 U	37.7 U
PCB-1254 (Aroclor 1254)	--	--	UG/KG	142	80.2	14.8 J	37.6 U	114	36.2 J
PCB-1260 (Aroclor 1260)	--	--	UG/KG	174	37.2	14.4 J	37.6 U	70.9	19.3 J
PCB-1262 (Aroclor 1262)	--	--	UG/KG	39.7 U	37.2 U	39.5 U	37.6 U	39 U	37.7 U
PCB-1268 (Aroclor 1268)	--	--	UG/KG	38.8 J	15 J	39.5 U	37.6 U	19 J	37.7 U
Polychlorinated Biphenyl (PCBs)	100	1000	UG/KG	355 J	132 J	29.2 J	37.6 U	204 J	55.5 J

Table 4. Summary of Polychlorinated Biphenyls in Soil, Sendero Verde Redevelopment Project - Parcel B, New York, New York

				Sample Designation:		SB-5	SB-5	SB-6	SB-6	SB-7	SB-7
				Sample Date:		04/30/2018	05/02/2018	04/30/2018	05/02/2018	04/30/2018	05/03/2018
				Sample Depth (ft bls):		0 - 2	18 - 20	0 - 2	17 - 19	0 - 2	11 - 13
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit								
PCB-1016 (Aroclor 1016)	--	--	UG/KG	41.9 U	39.7 U	36.7 U	38.9 U	39 U	35.8 U		
PCB-1221 (Aroclor 1221)	--	--	UG/KG	41.9 U	39.7 U	36.7 U	38.9 U	39 U	35.8 U		
PCB-1232 (Aroclor 1232)	--	--	UG/KG	41.9 U	39.7 U	36.7 U	38.9 U	39 U	35.8 U		
PCB-1242 (Aroclor 1242)	--	--	UG/KG	41.9 U	39.7 U	36.7 U	38.9 U	39 U	35.8 U		
PCB-1248 (Aroclor 1248)	--	--	UG/KG	41.9 U	39.7 U	36.7 U	38.9 U	39 U	35.8 U		
PCB-1254 (Aroclor 1254)	--	--	UG/KG	28.6 J	39.7 U	30.4 J	38.9 U	20 JPI	35.8 U		
PCB-1260 (Aroclor 1260)	--	--	UG/KG	50.3 P	39.7 U	34.8 J	38.9 U	26.3 J	35.8 U		
PCB-1262 (Aroclor 1262)	--	--	UG/KG	41.9 U	39.7 U	36.7 U	38.9 U	39 U	35.8 U		
PCB-1268 (Aroclor 1268)	--	--	UG/KG	11.2 J	39.7 U	14.2 J	38.9 U	4.57 J	35.8 U		
Polychlorinated Biphenyl (PCBs)	100	1000	UG/KG	90.1 J	39.7 U	79.4 J	38.9 U	50.9 J	35.8 U		

Table 4. Summary of Polychlorinated Biphenyls in Soil, Sendero Verde Redevelopment Project - Parcel B, New York, New York

				Sample Designation:					
				SB-8	SB-8	SB-10	SB-10	SB-11	SB-11
				04/30/2018	05/03/2018	05/01/2018	05/01/2018	05/01/2018	05/04/2018
				0 - 2	18 - 20	0 - 2	15 - 17	0 - 2	8 - 10
				Sample Date:					
				Sample Depth (ft bls):					
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit						
PCB-1016 (Aroclor 1016)	--	--	UG/KG	35.4 U	40.4 U	37.9 U	35.6 U	37.1 U	42.2 U
PCB-1221 (Aroclor 1221)	--	--	UG/KG	35.4 U	40.4 U	37.9 U	35.6 U	37.1 U	42.2 U
PCB-1232 (Aroclor 1232)	--	--	UG/KG	35.4 U	40.4 U	37.9 U	35.6 U	37.1 U	42.2 U
PCB-1242 (Aroclor 1242)	--	--	UG/KG	35.4 U	40.4 U	37.9 U	35.6 U	37.1 U	42.2 U
PCB-1248 (Aroclor 1248)	--	--	UG/KG	35.4 U	40.4 U	37.9 U	35.6 U	37.1 U	42.2 U
PCB-1254 (Aroclor 1254)	--	--	UG/KG	6.84 J	40.4 U	37.9 U	35.6 U	11.1 J	68.1
PCB-1260 (Aroclor 1260)	--	--	UG/KG	7.74 J	40.4 U	37.9 U	35.6 U	17.4 J	42.2 U
PCB-1262 (Aroclor 1262)	--	--	UG/KG	35.4 U	40.4 U	37.9 U	35.6 U	37.1 U	42.2 U
PCB-1268 (Aroclor 1268)	--	--	UG/KG	35.4 U	40.4 U	37.9 U	35.6 U	8.28 J	42.2 U
Polychlorinated Biphenyl (PCBs)	100	1000	UG/KG	14.6 J	40.4 U	37.9 U	35.6 U	36.8 J	68.1

Table 4. Summary of Polychlorinated Biphenyls in Soil, Sendero Verde Redevelopment Project - Parcel B, New York, New York

				Sample Designation: SB-12 SB-12	
				Sample Date: 04/30/2018 05/04/2018	
				Sample Depth (ft bls): 0 - 2 17 - 19	
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit		
PCB-1016 (Aroclor 1016)	--	--	UG/KG	38.6 U	37.4 U
PCB-1221 (Aroclor 1221)	--	--	UG/KG	38.6 U	37.4 U
PCB-1232 (Aroclor 1232)	--	--	UG/KG	38.6 U	37.4 U
PCB-1242 (Aroclor 1242)	--	--	UG/KG	38.6 U	37.4 U
PCB-1248 (Aroclor 1248)	--	--	UG/KG	38.6 U	37.4 U
PCB-1254 (Aroclor 1254)	--	--	UG/KG	52.2 P	37.4 U
PCB-1260 (Aroclor 1260)	--	--	UG/KG	42.4	37.4 U
PCB-1262 (Aroclor 1262)	--	--	UG/KG	38.6 U	37.4 U
PCB-1268 (Aroclor 1268)	--	--	UG/KG	19.2 J	37.4 U
Polychlorinated Biphenyl (PCBs)	100	1000	UG/KG	114 J	37.4 U

Table 5. Summary of Pesticides and Herbicides in Soil, Sendero Verde Redevelopment Project - Parcel B, New York, New York

Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit	Sample Designation:				
				SB-1	SB-1	SB-3	SB-3	SB-4
				05/01/2018	05/02/2018	04/30/2018	05/01/2018	04/30/2018
Sample Depth (ft bls):				0 - 2	12 - 14	0 - 2	17 - 19	0 - 2
Aldrin	5	97	UG/KG	9.51 U	1.77 U	1.88 U	1.77 U	1.86 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	20	480	UG/KG	3.96 U	0.738 U	0.782 U	0.736 U	0.774 U
Alpha Endosulfan	2400	24000	UG/KG	9.51 U	1.77 U	1.88 U	1.77 U	1.86 U
Beta Bhc (Beta Hexachlorocyclohexane)	36	360	UG/KG	9.51 U	1.77 U	1.88 U	1.77 U	1.86 U
Beta Endosulfan	2400	24000	UG/KG	5.22 JPI	1.77 U	7.36	1.77 U	1.86 U
Chlordane	--	--	UG/KG	77.3 U	14.4 U	15.2 U	14.4 U	15.1 U
cis-Chlordane	94	4200	UG/KG	42.1	84 PI	21.5 P	2.21 U	40.6 P
Delta BHC (Delta Hexachlorocyclohexane)	40	100000	UG/KG	9.51 U	1.77 U	1.88 U	1.77 U	1.86 U
Dieldrin	5	200	UG/KG	33.3	146	20.2	1.1 U	15.4
Endosulfan Sulfate	2400	24000	UG/KG	3.96 U	0.738 U	0.782 U	0.736 U	0.774 U
Endrin	14	11000	UG/KG	3.96 U	0.738 U	0.782 U	0.736 U	0.774 U
Endrin Aldehyde	--	--	UG/KG	11.9 U	2.22 U	2.35 U	2.21 U	2.32 U
Endrin Ketone	--	--	UG/KG	9.51 U	1.77 U	1.88 U	1.77 U	1.86 U
Gamma Bhc (Lindane)	100	1300	UG/KG	3.96 U	0.738 U	0.782 U	0.736 U	0.774 U
Heptachlor	42	2100	UG/KG	4.76 U	4.25 P	0.939 U	0.883 U	0.87 J
Heptachlor Epoxide	--	--	UG/KG	6.61 J	13 P	3.94 P	3.31 U	5.58
Methoxychlor	--	--	UG/KG	17.8 U	3.32 U	3.52 U	3.31 U	3.48 U
P,P'-DDD	3.3	13000	UG/KG	9.51 U	12.5 PI	1.88 U	1.77 U	9.64
P,P'-DDE	3.3	8900	UG/KG	29.6	37.6	66.4	1.77 U	27.5
P,P'-DDT	3.3	7900	UG/KG	235	307	128	3.31 U	103
Toxaphene	--	--	UG/KG	178 U	33.2 U	35.2 U	33.1 U	34.8 U
trans-Chlordane	--	--	UG/KG	40.6 P	65.5 PI	4.26 PI	2.21 U	14.5

Table 5. Summary of Pesticides and Herbicides in Soil, Sendero Verde Redevelopment Project - Parcel B, New York, New York

Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit	Sample Designation:				
				SB-4	SB-5	SB-5	SB-6	SB-6
				05/01/2018	04/30/2018	05/02/2018	04/30/2018	05/02/2018
Sample Depth (ft bls):				11 - 13	0 - 2	18 - 20	0 - 2	17 - 19
Aldrin	5	97	UG/KG	1.77 U	2.03 U	1.85 U	1.77 U	1.91 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	20	480	UG/KG	0.738 U	0.846 U	0.77 U	0.739 U	0.794 U
Alpha Endosulfan	2400	24000	UG/KG	1.77 U	2.03 U	1.85 U	1.77 U	1.91 U
Beta Bhc (Beta Hexachlorocyclohexane)	36	360	UG/KG	1.77 U	2.03 U	1.85 U	1.77 U	1.91 U
Beta Endosulfan	2400	24000	UG/KG	1.71 J	2.03 U	1.85 U	1.77 U	1.91 U
Chlordane	--	--	UG/KG	14.4 U	16.5 U	15 U	226	15.5 U
cis-Chlordane	94	4200	UG/KG	36.8	28.7 P	2.31 U	44.4	2.38 U
Delta BHC (Delta Hexachlorocyclohexane)	40	100000	UG/KG	1.77 U	2.03 U	1.85 U	1.77 U	1.91 U
Dieldrin	5	200	UG/KG	95.8	23.3	1.16 U	33	1.19 U
Endosulfan Sulfate	2400	24000	UG/KG	0.738 U	0.846 U	0.77 U	0.739 U	0.794 U
Endrin	14	11000	UG/KG	0.738 U	0.846 U	0.77 U	0.739 U	0.794 U
Endrin Aldehyde	--	--	UG/KG	2.21 U	2.54 U	2.31 U	2.22 U	2.38 U
Endrin Ketone	--	--	UG/KG	1.77 U	2.03 U	1.85 U	1.77 U	1.91 U
Gamma Bhc (Lindane)	100	1300	UG/KG	0.738 U	0.846 U	0.77 U	0.739 U	0.794 U
Heptachlor	42	2100	UG/KG	0.557 JPI	1.01 U	0.924 U	0.505 J	0.953 U
Heptachlor Epoxide	--	--	UG/KG	1.55 JPI	4.81 P	3.46 U	1.5 JPI	3.57 U
Methoxychlor	--	--	UG/KG	3.32 U	3.8 U	3.46 U	3.33 U	3.57 U
P,P'-DDD	3.3	13000	UG/KG	13.9	13.2 P	1.85 U	16.2 P	1.91 U
P,P'-DDE	3.3	8900	UG/KG	68.7	62.9 P	1.85 U	45.5	1.91 U
P,P'-DDT	3.3	7900	UG/KG	318	106	3.46 U	152	3.57 U
Toxaphene	--	--	UG/KG	33.2 U	38 U	34.6 U	33.3 U	35.7 U
trans-Chlordane	--	--	UG/KG	34.2 PI	14.3	2.31 U	31.7	2.38 U

Table 5. Summary of Pesticides and Herbicides in Soil, Sendero Verde Redevelopment Project - Parcel B, New York, New York

				Sample Designation:				
				SB-7	SB-7	SB-8	SB-8	SB-10
				04/30/2018	05/03/2018	04/30/2018	05/03/2018	05/01/2018
				0 - 2	11 - 13	0 - 2	18 - 20	0 - 2
				Sample Depth (ft bls):				
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit					
Aldrin	5	97	UG/KG	1.88 U	1.68 U	1.67 U	1.98 U	1.81 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	20	480	UG/KG	0.782 U	0.701 U	0.697 U	0.826 U	0.756 U
Alpha Endosulfan	2400	24000	UG/KG	1.88 U	1.68 U	1.67 U	1.98 U	1.81 U
Beta Bhc (Beta Hexachlorocyclohexane)	36	360	UG/KG	1.88 U	1.68 U	1.67 U	1.98 U	1.81 U
Beta Endosulfan	2400	24000	UG/KG	1.88 U	1.02 J	1.67 U	1.98 U	2.38 PI
Chlordane	--	--	UG/KG	15.2 U	13.7 U	13.6 U	16.1 U	14.7 U
cis-Chlordane	94	4200	UG/KG	23.9 PI	1.73 J	10.7 P	2.48 U	39.1 PI
Delta BHC (Delta Hexachlorocyclohexane)	40	100000	UG/KG	1.88 U	1.68 U	1.67 U	1.98 U	1.81 U
Dieldrin	5	200	UG/KG	14.6	1.6	6.16	1.24 U	197
Endosulfan Sulfate	2400	24000	UG/KG	0.782 U	0.701 U	0.697 U	0.826 U	0.756 U
Endrin	14	11000	UG/KG	0.782 U	0.701 U	0.697 U	0.826 U	0.756 U
Endrin Aldehyde	--	--	UG/KG	2.34 U	2.1 U	2.09 U	2.48 U	2.27 U
Endrin Ketone	--	--	UG/KG	1.88 U	1.68 U	1.67 U	1.98 U	1.81 U
Gamma Bhc (Lindane)	100	1300	UG/KG	0.782 U	0.701 U	0.697 U	0.826 U	0.756 U
Heptachlor	42	2100	UG/KG	0.938 U	0.841 U	0.836 U	0.991 U	0.907 U
Heptachlor Epoxide	--	--	UG/KG	8.2	3.16 U	1.58 J	3.72 U	7.98
Methoxychlor	--	--	UG/KG	3.52 U	3.16 U	3.14 U	3.72 U	3.4 U
P,P'-DDD	3.3	13000	UG/KG	7.07	1.02 J	1.67 U	1.98 U	4.91 PI
P,P'-DDE	3.3	8900	UG/KG	30.5	1.26 J	12	1.98 U	29.9
P,P'-DDT	3.3	7900	UG/KG	42.9	3.4	47.2	3.72 U	259
Toxaphene	--	--	UG/KG	35.2 U	31.6 U	31.4 U	37.2 U	34 U
trans-Chlordane	--	--	UG/KG	13 PI	0.857 J	6.06 P	2.48 U	45.4

Table 5. Summary of Pesticides and Herbicides in Soil, Sendero Verde Redevelopment Project - Parcel B, New York, New York

				Sample Designation:	SB-10	SB-11	SB-11	SB-12	SB-12
				Sample Date:	05/01/2018	05/01/2018	05/04/2018	04/30/2018	05/04/2018
				Sample Depth (ft bls):	15 - 17	0 - 2	8 - 10	0 - 2	17 - 19
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit						
Aldrin	5	97	UG/KG	1.71 U	8.89 U	1.47 J	1.85 U	1.82 U	
Alpha Bhc (Alpha Hexachlorocyclohexane)	20	480	UG/KG	0.714 U	3.7 U	0.855 U	0.772 U	0.758 U	
Alpha Endosulfan	2400	24000	UG/KG	1.71 U	8.89 U	2.05 U	1.85 U	1.82 U	
Beta Bhc (Beta Hexachlorocyclohexane)	36	360	UG/KG	1.71 U	8.89 U	2.05 U	1.85 U	1.82 U	
Beta Endosulfan	2400	24000	UG/KG	1.71 U	5.14 J	2.99	1.85 U	1.82 U	
Chlordane	--	--	UG/KG	13.9 U	72.2 U	868	15 U	14.8 U	
cis-Chlordane	94	4200	UG/KG	1.42 J	15.6	315 P	12.6 PI	2.27 U	
Delta BHC (Delta Hexachlorocyclohexane)	40	100000	UG/KG	1.71 U	8.89 U	2.05 U	1.85 U	1.82 U	
Dieldrin	5	200	UG/KG	0.863 J	5.56 U	321	19.5	1.14 U	
Endosulfan Sulfate	2400	24000	UG/KG	0.714 U	3.7 U	0.855 U	0.772 U	0.758 U	
Endrin	14	11000	UG/KG	0.714 U	3.7 U	0.855 U	0.772 U	0.758 U	
Endrin Aldehyde	--	--	UG/KG	2.14 U	11.1 U	2.57 U	2.32 U	2.27 U	
Endrin Ketone	--	--	UG/KG	1.71 U	8.89 U	2.05 U	1.85 U	1.82 U	
Gamma Bhc (Lindane)	100	1300	UG/KG	0.714 U	3.7 U	0.855 U	0.772 U	0.758 U	
Heptachlor	42	2100	UG/KG	0.857 U	4.45 U	2.88	0.926 U	0.91 U	
Heptachlor Epoxide	--	--	UG/KG	3.21 U	16.7 U	2.22 JPI	3.47 U	3.41 U	
Methoxychlor	--	--	UG/KG	3.21 U	16.7 U	3.85 U	3.47 U	3.41 U	
P,P'-DDD	3.3	13000	UG/KG	1.71 U	8.89 U	31.2	35.1 P	1.82 U	
P,P'-DDE	3.3	8900	UG/KG	1.45 J	4.23 JPI	471	93.8	1.82 U	
P,P'-DDT	3.3	7900	UG/KG	7.79	80.7	1670	124	3.41 U	
Toxaphene	--	--	UG/KG	32.1 U	167 U	38.5 U	34.7 U	34.1 U	
trans-Chlordane	--	--	UG/KG	2.14 U	5.7 JPI	170	7.77 PI	2.27 U	

Table 6. Summary of General Chemistry in Soil, Sendero Verde Redevelopment Project - Parcel B, New York, New York

				Sample Designation:	SB-1	SB-1	SB-1	SB-1	SB-3	SB-3	SB-3
				Sample Date:	05/01/2018	05/01/2018	05/02/2018	05/02/2018	04/30/2018	04/30/2018	05/01/2018
				Sample Depth (ft bls):	0 - 2	1 - 1	12 - 14	13 - 13	0 - 2	1 - 1	17 - 19
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit								
Total Solids	--	--	PERCENT	82.7	82.7	89.2	89.2	83.8	83.8	87.2	

Table 6. Summary of General Chemistry in Soil, Sendero Verde Redevelopment Project - Parcel B, New York, New York

				Sample Designation:	SB-3	SB-4	SB-4	SB-4	SB-4	SB-5	SB-5
				Sample Date:	05/01/2018	04/30/2018	04/30/2018	05/01/2018	05/01/2018	04/30/2018	04/30/2018
				Sample Depth (ft bls):	18 - 18	0 - 2	1 - 1	11 - 13	12.5 - 12.5	0 - 2	1 - 1
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit								
Total Solids	--	--	PERCENT	87.2	81.9	81.9	87	87	77.4	77.4	

Table 6. Summary of General Chemistry in Soil, Sendero Verde Redevelopment Project - Parcel B, New York, New York

				Sample Designation:	SB-5	SB-5	SB-6	SB-6	SB-6	SB-6	SB-7
				Sample Date:	05/02/2018	05/02/2018	04/30/2018	04/30/2018	05/02/2018	05/02/2018	04/30/2018
				Sample Depth (ft bls):	18 - 20	19 - 19	0 - 2	1 - 1	17 - 19	18 - 18	0 - 2
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit								
Total Solids	--	--	PERCENT	82.6	82.6	88.1	88.1	82.4	82.4	83	

Table 6. Summary of General Chemistry in Soil, Sendero Verde Redevelopment Project - Parcel B, New York, New York

				Sample Designation:	SB-7	SB-7	SB-7X	SB-8	SB-8	SB-8	SB-8
				Sample Date:	04/30/2018	05/03/2018	05/03/2018	04/30/2018	04/30/2018	05/03/2018	05/03/2018
				Sample Depth (ft bls):	1 - 1	11 - 13	12.5 - 12.5	0 - 2	1 - 1	18 - 20	19 - 19
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit								
Total Solids	--	--	PERCENT	83.8	92.3	86.6	90.9	90.9	78.2	80.2	

Table 6. Summary of General Chemistry in Soil, Sendero Verde Redevelopment Project - Parcel B, New York, New York

				Sample Designation:	SB-10	SB-10	SB-10	SB-10	SB-11	SB-11	SB-11
				Sample Date:	05/01/2018	05/01/2018	05/01/2018	05/01/2018	05/01/2018	05/01/2018	05/04/2018
				Sample Depth (ft bls):	0 - 2	1 - 1	15 - 17	16 - 16	0 - 2	1 - 1	8 - 10
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit								
Total Solids	--	--	PERCENT	85.7	85.7	89.8	89.8	88.2	88.2	74.8	

Table 6. Summary of General Chemistry in Soil, Sendero Verde Redevelopment Project - Parcel B, New York, New York

				Sample Designation:	SB-11	SB-12	SB-12	SB-12	SB-12
				Sample Date:	05/04/2018	04/30/2018	04/30/2018	05/04/2018	05/04/2018
				Sample Depth (ft bls):	8 - 8	0 - 2	1 - 1	17 - 19	18 - 18
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit						
Total Solids	--	--	PERCENT	82.2	85.1	85.1	86.6	80.8	

Table 7. Summary of Volatile Organic Compounds in Groundwater, Sendero Verde Redevelopment Project - Parcel B, New York, New York

				Sample Designation:				
				SB-1	SB-4	SB-5	SB-10	SB-11
				05/03/2018	05/02/2018	05/02/2018	05/02/2018	05/04/2018
Parameter	NYSDEC Ambient Water-Quality Standards	NYSDEC Ambient Water-Quality Guidance Values	Unit					
1,1,1,2-Tetrachloroethane	5	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,1,1-Trichloroethane (TCA)	5	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,1,2,2-Tetrachloroethane	5	--	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	--	UG/L	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
1,1-Dichloroethane	5	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,1-Dichloroethene	5	--	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloropropene	5	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2,3-Trichlorobenzene	5	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2,3-Trichloropropane	0.04	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2,4,5-Tetramethylbenzene	5	--	UG/L	2 U	2 U	2 U	2 U	2 U
1,2,4-Trichlorobenzene	5	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2,4-Trimethylbenzene	5	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dibromo-3-Chloropropane	0.04	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	UG/L	2 U	2 U	2 U	2 U	2 U
1,2-Dichlorobenzene	3	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dichloroethane	0.6	--	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	--	UG/L	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	5	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,3-Dichlorobenzene	3	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,3-Dichloropropane	5	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,4-Dichlorobenzene	3	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,4-Diethyl Benzene	--	--	UG/L	2 U	2 U	2 U	2 U	2 U
1,4-Dioxane (P-Dioxane)	--	--	UG/L	250 U	250 U	250 U	250 U	250 U
2,2-Dichloropropane	5	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Chlorotoluene	5	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Hexanone	--	50	UG/L	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	5	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
4-Ethyltoluene	--	--	UG/L	2 U	2 U	2 U	2 U	2 U
Acetone	--	50	UG/L	1.5 J	5 U	1.8 J	5 U	3.8 J
Acrylonitrile	5	--	UG/L	5 U	5 U	5 U	5 U	5 U
Benzene	1	--	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Table 7. Summary of Volatile Organic Compounds in Groundwater, Sendero Verde Redevelopment Project - Parcel B, New York, New York

Parameter	NYSDEC Ambient Water-Quality Standards	NYSDEC Ambient Water- Quality Guidance Values	Unit	Sample Designation:				
				SB-1	SB-4	SB-5	SB-10	SB-11
Sample Date:				05/03/2018	05/02/2018	05/02/2018	05/02/2018	05/04/2018
Bromobenzene	5	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Bromochloromethane	5	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Bromodichloromethane	--	50	UG/L	0.65	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	--	50	UG/L	2 U	2 U	2 U	2 U	2 U
Bromomethane	5	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Carbon Disulfide	--	60	UG/L	5 U	5 U	5 U	5 U	5 U
Carbon Tetrachloride	5	--	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Chloroethane	5	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Chloroform	7	--	UG/L	39	30	28	31	29
Chloromethane	--	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Cis-1,2-Dichloroethylene	5	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Cis-1,3-Dichloropropene	--	5	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Cymene	5	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Dibromochloromethane	--	50	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromomethane	5	--	UG/L	5 U	5 U	5 U	5 U	5 U
Dichlorodifluoromethane	5	--	UG/L	5 U	5 U	5 U	5 U	5 U
Dichloroethylenes	5	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Diethyl Ether (Ethyl Ether)	--	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Ethylbenzene	5	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Hexachlorobutadiene	0.5	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Isopropylbenzene (Cumene)	5	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
m,p-Xylene	5	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Methyl Ethyl Ketone (2-Butanone)	--	50	UG/L	5 U	5 U	5 U	5 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	UG/L	5 U	5 U	5 U	5 U	5 U
Methylene Chloride	5	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Naphthalene	--	10	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
N-Butylbenzene	5	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
N-Propylbenzene	5	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
O-Xylene (1,2-Dimethylbenzene)	5	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Sec-Butylbenzene	5	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U

Table 7. Summary of Volatile Organic Compounds in Groundwater, Sendero Verde Redevelopment Project - Parcel B, New York, New York

				Sample Designation:	SB-1	SB-4	SB-5	SB-10	SB-11
				Sample Date:	05/03/2018	05/02/2018	05/02/2018	05/02/2018	05/04/2018
Parameter	NYSDEC Ambient Water-Quality Standards	NYSDEC Ambient Water-Quality Guidance Values	Unit						
Styrene	5	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
T-Butylbenzene	5	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Tert-Butyl Methyl Ether	--	10	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Tetrachloroethylene (PCE)	5	--	UG/L	0.5 U	1.2	0.22 J	0.5 U	3.2	
Toluene	5	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Total, 1,3-Dichloropropene (Cis And Trans)	0.4	--	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trans-1,2-Dichloroethene	5	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Trans-1,3-Dichloropropene	--	--	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trans-1,4-Dichloro-2-Butene	--	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Trichloroethylene (TCE)	5	--	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichlorofluoromethane	5	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Vinyl Acetate	--	--	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Vinyl Chloride	2	--	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes	5	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U

Table 8. Summary of Semivolatile Organic Compounds in Groundwater, Sendero Verde Redevelopment Project - Parcel B, New York, New York

				Sample Designation:			
				SB-1	SB-1	SB-4	SB-4
				05/03/2018	05/03/2018	05/02/2018	05/02/2018
					Filtered		Filtered
Parameter	NYSDEC Ambient Water-Quality Standards	NYSDEC Ambient Water-Quality Guidance Values	Unit				
1,2,4,5-Tetrachlorobenzene	--	--	UG/L	10 U	10 U	9.6 U	10 U
1,2,4-Trichlorobenzene	5	--	UG/L	5 U	5 U	4.8 U	5 U
1,2-Dichlorobenzene	3	--	UG/L	2 U	2 U	1.9 U	2 U
1,3-Dichlorobenzene	3	--	UG/L	2 U	2 U	1.9 U	2 U
1,4-Dichlorobenzene	3	--	UG/L	2 U	2 U	1.9 U	2 U
2,4,5-Trichlorophenol	--	--	UG/L	5 U	5 U	4.8 U	5 U
2,4,6-Trichlorophenol	--	--	UG/L	5 U	5 U	4.8 U	5 U
2,4-Dichlorophenol	5	--	UG/L	5 U	5 U	4.8 U	5 U
2,4-Dimethylphenol	--	50	UG/L	5 U	5 U	4.8 U	5 U
2,4-Dinitrophenol	--	10	UG/L	20 U	20 U	19 U	20 U
2,4-Dinitrotoluene	5	--	UG/L	5 U	5 U	4.8 U	5 U
2,6-Dinitrotoluene	5	--	UG/L	5 U	5 U	4.8 U	5 U
2-Chloronaphthalene	--	10	UG/L	0.2 U	0.2 U	0.19 U	0.2 U
2-Chlorophenol	--	--	UG/L	2 U	2 U	1.9 U	2 U
2-Methylnaphthalene	--	--	UG/L	0.1 U	0.1 U	0.1 U	0.1 U
2-Methylphenol (O-Cresol)	--	--	UG/L	5 U	5 U	4.8 U	5 U
2-Nitroaniline	5	--	UG/L	5 U	5 U	4.8 U	5 U
2-Nitrophenol	--	--	UG/L	10 U	10 U	9.6 U	10 U
3- And 4- Methylphenol (Total)	--	--	UG/L	5 U	5 U	4.8 U	5 U
3,3'-Dichlorobenzidine	5	--	UG/L	5 U	5 U	4.8 U	5 U
3-Nitroaniline	5	--	UG/L	5 U	5 U	4.8 U	5 U
4,6-Dinitro-2-Methylphenol	--	--	UG/L	10 U	10 U	9.6 U	10 U
4-Bromophenyl Phenyl Ether	--	--	UG/L	2 U	2 U	1.9 U	2 U
4-Chloro-3-Methylphenol	--	--	UG/L	2 U	2 U	1.9 U	2 U
4-Chloroaniline	5	--	UG/L	5 U	5 U	4.8 U	5 U
4-Chlorophenyl Phenyl Ether	--	--	UG/L	2 U	2 U	1.9 U	2 U
4-Nitroaniline	5	--	UG/L	5 U	5 U	4.8 U	5 U
4-Nitrophenol	--	--	UG/L	10 U	10 U	9.6 U	10 U
Acenaphthene	--	20	UG/L	0.1 U	0.1 U	0.1 U	0.1 U
Acenaphthylene	--	20	UG/L	0.1 U	0.1 U	0.1 U	0.1 U
Acetophenone	--	--	UG/L	5 U	5 U	4.8 U	5 U

Table 8. Summary of Semivolatile Organic Compounds in Groundwater, Sendero Verde Redevelopment Project - Parcel B, New York, New York

Parameter	NYSDEC Ambient Water-Quality Standards	NYSDEC Ambient Water-Quality Guidance Values	Unit	Sample Designation:			
				SB-1	SB-1	SB-4	SB-4
				05/03/2018	05/03/2018	05/02/2018	05/02/2018
					Filtered		Filtered
Anthracene	--	50	UG/L	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(A)Anthracene	--	0.002	UG/L	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(A)Pyrene	0	--	UG/L	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(B)Fluoranthene	--	0.002	UG/L	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(G,H,I)Perylene	--	--	UG/L	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(K)Fluoranthene	--	0.002	UG/L	0.1 U	0.1 U	0.1 U	0.1 U
Benzoic Acid	--	--	UG/L	50 U	50 U	48 U	50 U
Benzyl Alcohol	--	--	UG/L	2 U	2 U	1.9 U	2 U
Benzyl Butyl Phthalate	--	50	UG/L	5 U	5 U	4.8 U	5 U
Biphenyl (Diphenyl)	--	--	UG/L	2 U	2 U	1.9 U	2 U
Bis(2-Chloroethoxy) Methane	5	--	UG/L	5 U	5 U	4.8 U	5 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1	--	UG/L	2 U	2 U	1.9 U	2 U
Bis(2-Chloroisopropyl) Ether	5	--	UG/L	2 U	2 U	1.9 U	2 U
Bis(2-Ethylhexyl) Phthalate	5	--	UG/L	3 U	1.5 J	2.9 U	9.4
Carbazole	--	--	UG/L	2 U	2 U	1.9 U	2 U
Chrysene	--	0.002	UG/L	0.1 U	0.1 U	0.1 U	0.1 U
Dibenz(A,H)Anthracene	--	--	UG/L	0.1 U	0.1 U	0.1 U	0.1 U
Dibenzofuran	--	--	UG/L	2 U	2 U	1.9 U	2 U
Diethyl Phthalate	--	50	UG/L	5 U	5 U	4.8 U	5 U
Dimethyl Phthalate	--	50	UG/L	5 U	5 U	4.8 U	5 U
Di-N-Butyl Phthalate	50	--	UG/L	5 U	5 U	4.8 U	5 U
Di-N-Octylphthalate	--	--	UG/L	5 U	5 U	4.8 U	5 U
Fluoranthene	--	50	UG/L	0.11	0.06 J	0.1 U	0.1 U
Fluorene	--	50	UG/L	0.1 U	0.1 U	0.1 U	0.1 U
Hexachlorobenzene	0.04	--	UG/L	0.8 U	0.8 U	0.76 U	0.8 U
Hexachlorobutadiene	0.5	--	UG/L	0.5 U	0.5 U	0.48 U	0.5 U
Hexachlorocyclopentadiene	5	--	UG/L	20 U	20 U	19 U	20 U
Hexachloroethane	5	--	UG/L	0.8 U	0.8 U	0.76 U	0.8 U
Indeno(1,2,3-C,D)Pyrene	--	0.002	UG/L	0.1 U	0.1 U	0.1 U	0.1 U
Isophorone	--	50	UG/L	5 U	5 U	4.8 U	5 U
Naphthalene	--	10	UG/L	0.1 U	0.1 U	0.1 U	0.1 U

Table 8. Summary of Semivolatile Organic Compounds in Groundwater, Sendero Verde Redevelopment Project - Parcel B, New York, New York

				Sample Designation:	SB-1	SB-1	SB-4	SB-4
				Sample Date:	05/03/2018	05/03/2018	05/02/2018	05/02/2018
				Sample Note:		Filtered		Filtered
Parameter	NYSDEC Ambient Water-Quality Standards	NYSDEC Ambient Water-Quality Guidance Values	Unit					
Nitrobenzene	0.4	--	UG/L	2 U	2 U	1.9 U	2 U	
N-Nitrosodi-N-Propylamine	--	--	UG/L	5 U	5 U	4.8 U	5 U	
N-Nitrosodiphenylamine	--	50	UG/L	2 U	2 U	1.9 U	2 U	
Pentachlorophenol	1	--	UG/L	0.8 U	0.8 U	0.76 U	0.8 U	
Phenanthrene	--	50	UG/L	0.08 J	0.06 J	0.1 U	0.1 U	
Phenol	1	--	UG/L	5 U	5 U	4.8 U	5 U	
Pyrene	--	50	UG/L	0.08 J	0.1 U	0.1 U	0.1 U	

Table 8. Summary of Semivolatile Organic Compounds in Groundwater, Sendero Verde Redevelopment Project - Parcel B, New York, New York

Parameter	NYSDEC Ambient Water-Quality Standards	NYSDEC Ambient Water-Quality Guidance Values	Unit	Sample Designation:			
				SB-5	SB-5	SB-10	SB-10
				05/02/2018	05/02/2018	05/02/2018	05/02/2018
Sample Note:					Filtered		Filtered
1,2,4,5-Tetrachlorobenzene	--	--	UG/L	9.6 U	10 U	9.8 U	10 U
1,2,4-Trichlorobenzene	5	--	UG/L	4.8 U	5 U	4.9 U	5 U
1,2-Dichlorobenzene	3	--	UG/L	1.9 U	2 U	2 U	2 U
1,3-Dichlorobenzene	3	--	UG/L	1.9 U	2 U	2 U	2 U
1,4-Dichlorobenzene	3	--	UG/L	1.9 U	2 U	2 U	2 U
2,4,5-Trichlorophenol	--	--	UG/L	4.8 U	5 U	4.9 U	5 U
2,4,6-Trichlorophenol	--	--	UG/L	4.8 U	5 U	4.9 U	5 U
2,4-Dichlorophenol	5	--	UG/L	4.8 U	5 U	4.9 U	5 U
2,4-Dimethylphenol	--	50	UG/L	4.8 U	5 U	4.9 U	5 U
2,4-Dinitrophenol	--	10	UG/L	19 U	20 U	20 U	20 U
2,4-Dinitrotoluene	5	--	UG/L	4.8 U	5 U	4.9 U	5 U
2,6-Dinitrotoluene	5	--	UG/L	4.8 U	5 U	4.9 U	5 U
2-Chloronaphthalene	--	10	UG/L	0.19 U	0.2 U	0.2 U	0.2 U
2-Chlorophenol	--	--	UG/L	1.9 U	2 U	2 U	2 U
2-Methylnaphthalene	--	--	UG/L	0.1 U	0.1 U	0.1 U	0.1 U
2-Methylphenol (O-Cresol)	--	--	UG/L	4.8 U	5 U	4.9 U	5 U
2-Nitroaniline	5	--	UG/L	4.8 U	5 U	4.9 U	5 U
2-Nitrophenol	--	--	UG/L	9.6 U	10 U	9.8 U	10 U
3- And 4- Methylphenol (Total)	--	--	UG/L	4.8 U	5 U	4.9 U	5 U
3,3'-Dichlorobenzidine	5	--	UG/L	4.8 U	5 U	4.9 U	5 U
3-Nitroaniline	5	--	UG/L	4.8 U	5 U	4.9 U	5 U
4,6-Dinitro-2-Methylphenol	--	--	UG/L	9.6 U	10 U	9.8 U	10 U
4-Bromophenyl Phenyl Ether	--	--	UG/L	1.9 U	2 U	2 U	2 U
4-Chloro-3-Methylphenol	--	--	UG/L	1.9 U	2 U	2 U	2 U
4-Chloroaniline	5	--	UG/L	4.8 U	5 U	4.9 U	5 U
4-Chlorophenyl Phenyl Ether	--	--	UG/L	1.9 U	2 U	2 U	2 U
4-Nitroaniline	5	--	UG/L	4.8 U	5 U	4.9 U	5 U
4-Nitrophenol	--	--	UG/L	9.6 U	10 U	9.8 U	10 U
Acenaphthene	--	20	UG/L	0.1 U	0.1 U	0.1 U	0.1 U
Acenaphthylene	--	20	UG/L	0.43	0.1 U	0.09 J	0.1 U
Acetophenone	--	--	UG/L	4.8 U	5 U	4.9 U	5 U

Table 8. Summary of Semivolatile Organic Compounds in Groundwater, Sendero Verde Redevelopment Project - Parcel B, New York, New York

Parameter	NYSDEC Ambient Water-Quality Standards	NYSDEC Ambient Water-Quality Guidance Values	Unit	Sample Designation:			
				SB-5	SB-5	SB-10	SB-10
				05/02/2018	05/02/2018	05/02/2018	05/02/2018
					Filtered		Filtered
Anthracene	--	50	UG/L	0.16	0.1 U	0.07 J	0.1 U
Benzo(A)Anthracene	--	0.002	UG/L	0.94	0.1 U	0.35	0.1 U
Benzo(A)Pyrene	0	--	UG/L	1.2	0.1 U	0.33	0.1 U
Benzo(B)Fluoranthene	--	0.002	UG/L	2.2	0.1 U	0.48	0.1 U
Benzo(G,H,I)Perylene	--	--	UG/L	0.71	0.1 U	0.2	0.1 U
Benzo(K)Fluoranthene	--	0.002	UG/L	0.82	0.1 U	0.19	0.1 U
Benzoic Acid	--	--	UG/L	48 U	50 U	49 U	50 U
Benzyl Alcohol	--	--	UG/L	1.9 U	2 U	2 U	2 U
Benzyl Butyl Phthalate	--	50	UG/L	4.8 U	5 U	4.9 U	5 U
Biphenyl (Diphenyl)	--	--	UG/L	1.9 U	2 U	2 U	2 U
Bis(2-Chloroethoxy) Methane	5	--	UG/L	4.8 U	5 U	4.9 U	5 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1	--	UG/L	1.9 U	2 U	2 U	2 U
Bis(2-Chloroisopropyl) Ether	5	--	UG/L	1.9 U	2 U	2 U	2 U
Bis(2-Ethylhexyl) Phthalate	5	--	UG/L	2.9 U	3 U	2.9 U	3 U
Carbazole	--	--	UG/L	1.9 U	2 U	2 U	2 U
Chrysene	--	0.002	UG/L	1.3	0.1 U	0.38	0.1 U
Dibenz(A,H)Anthracene	--	--	UG/L	0.2	0.1 U	0.06 J	0.1 U
Dibenzofuran	--	--	UG/L	1.9 U	2 U	2 U	2 U
Diethyl Phthalate	--	50	UG/L	4.8 U	5 U	4.9 U	5 U
Dimethyl Phthalate	--	50	UG/L	4.8 U	5 U	4.9 U	5 U
Di-N-Butyl Phthalate	50	--	UG/L	4.8 U	5 U	4.9 U	5 U
Di-N-Octylphthalate	--	--	UG/L	4.8 U	5 U	4.9 U	5 U
Fluoranthene	--	50	UG/L	2.6	0.06 J	0.74	0.09 J
Fluorene	--	50	UG/L	0.06 J	0.1 U	0.1 U	0.1 U
Hexachlorobenzene	0.04	--	UG/L	0.76 U	0.8 U	0.78 U	0.8 U
Hexachlorobutadiene	0.5	--	UG/L	0.48 U	0.5 U	0.49 U	0.5 U
Hexachlorocyclopentadiene	5	--	UG/L	19 U	20 U	20 U	20 U
Hexachloroethane	5	--	UG/L	0.76 U	0.8 U	0.78 U	0.8 U
Indeno(1,2,3-C,D)Pyrene	--	0.002	UG/L	0.81	0.1 U	0.21	0.1 U
Isophorone	--	50	UG/L	4.8 U	5 U	4.9 U	5 U
Naphthalene	--	10	UG/L	0.11	0.1 U	0.1 U	0.1 U

Table 8. Summary of Semivolatile Organic Compounds in Groundwater, Sendero Verde Redevelopment Project - Parcel B, New York, New York

				Sample Designation:	SB-5	SB-5	SB-10	SB-10
				Sample Date:	05/02/2018	05/02/2018	05/02/2018	05/02/2018
				Sample Note:		Filtered		Filtered
Parameter	NYSDEC Ambient Water-Quality Standards	NYSDEC Ambient Water-Quality Guidance Values	Unit					
Nitrobenzene	0.4	--	UG/L	1.9 U	2 U	2 U	2 U	2 U
N-Nitrosodi-N-Propylamine	--	--	UG/L	4.8 U	5 U	4.9 U	5 U	5 U
N-Nitrosodiphenylamine	--	50	UG/L	1.9 U	2 U	2 U	2 U	2 U
Pentachlorophenol	1	--	UG/L	0.76 U	0.8 U	0.78 U	0.8 U	0.8 U
Phenanthrene	--	50	UG/L	1.2	0.12	0.35	0.14	0.14
Phenol	1	--	UG/L	4.8 U	5 U	4.9 U	5 U	5 U
Pyrene	--	50	UG/L	2	0.04 J	0.69	0.07 J	0.07 J

Table 8. Summary of Semivolatile Organic Compounds in Groundwater, Sendero Verde Redevelopment Project - Parcel B, New York, New York

				Sample Designation:	SB-11	SB-11
				Sample Date:	05/04/2018	05/04/2018
				Sample Note:		Filtered
Parameter	NYSDEC Ambient Water-Quality Standards	NYSDEC Ambient Water-Quality Guidance Values	Unit			
1,2,4,5-Tetrachlorobenzene	--	--	UG/L	10 U	10 U	
1,2,4-Trichlorobenzene	5	--	UG/L	5 U	5 U	
1,2-Dichlorobenzene	3	--	UG/L	2 U	2 U	
1,3-Dichlorobenzene	3	--	UG/L	2 U	2 U	
1,4-Dichlorobenzene	3	--	UG/L	2 U	2 U	
2,4,5-Trichlorophenol	--	--	UG/L	5 U	5 U	
2,4,6-Trichlorophenol	--	--	UG/L	5 U	5 U	
2,4-Dichlorophenol	5	--	UG/L	5 U	5 U	
2,4-Dimethylphenol	--	50	UG/L	5 U	5 U	
2,4-Dinitrophenol	--	10	UG/L	20 U	20 U	
2,4-Dinitrotoluene	5	--	UG/L	5 U	5 U	
2,6-Dinitrotoluene	5	--	UG/L	5 U	5 U	
2-Chloronaphthalene	--	10	UG/L	0.2 U	0.2 U	
2-Chlorophenol	--	--	UG/L	2 U	2 U	
2-Methylnaphthalene	--	--	UG/L	0.09 J	0.1 U	
2-Methylphenol (O-Cresol)	--	--	UG/L	5 U	5 U	
2-Nitroaniline	5	--	UG/L	5 U	5 U	
2-Nitrophenol	--	--	UG/L	10 U	10 U	
3- And 4- Methylphenol (Total)	--	--	UG/L	5 U	5 U	
3,3'-Dichlorobenzidine	5	--	UG/L	5 U	5 U	
3-Nitroaniline	5	--	UG/L	5 U	5 U	
4,6-Dinitro-2-Methylphenol	--	--	UG/L	10 U	10 U	
4-Bromophenyl Phenyl Ether	--	--	UG/L	2 U	2 U	
4-Chloro-3-Methylphenol	--	--	UG/L	2 U	2 U	
4-Chloroaniline	5	--	UG/L	5 U	5 U	
4-Chlorophenyl Phenyl Ether	--	--	UG/L	2 U	2 U	
4-Nitroaniline	5	--	UG/L	5 U	5 U	
4-Nitrophenol	--	--	UG/L	10 U	10 U	
Acenaphthene	--	20	UG/L	0.1 U	0.1 U	
Acenaphthylene	--	20	UG/L	0.15	0.1 U	
Acetophenone	--	--	UG/L	5 U	5 U	

Table 8. Summary of Semivolatile Organic Compounds in Groundwater, Sendero Verde Redevelopment Project - Parcel B, New York, New York

Parameter	NYSDEC Ambient Water-Quality Standards	NYSDEC Ambient Water-Quality Guidance Values	Unit	Sample Designation:	
				SB-11	SB-11
				05/04/2018	05/04/2018
					Filtered
Anthracene	--	50	UG/L	0.09 J	0.1 U
Benzo(A)Anthracene	--	0.002	UG/L	0.1	0.1 U
Benzo(A)Pyrene	0	--	UG/L	0.1	0.1 U
Benzo(B)Fluoranthene	--	0.002	UG/L	0.14	0.1 U
Benzo(G,H,I)Perylene	--	--	UG/L	0.07 J	0.1 U
Benzo(K)Fluoranthene	--	0.002	UG/L	0.06 J	0.1 U
Benzoic Acid	--	--	UG/L	50 U	50 U
Benzyl Alcohol	--	--	UG/L	2 U	2 U
Benzyl Butyl Phthalate	--	50	UG/L	5 U	5 U
Biphenyl (Diphenyl)	--	--	UG/L	2 U	2 U
Bis(2-Chloroethoxy) Methane	5	--	UG/L	5 U	5 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1	--	UG/L	2 U	2 U
Bis(2-Chloroisopropyl) Ether	5	--	UG/L	2 U	2 U
Bis(2-Ethylhexyl) Phthalate	5	--	UG/L	3 U	3 U
Carbazole	--	--	UG/L	2 U	2 U
Chrysene	--	0.002	UG/L	0.11	0.1 U
Dibenz(A,H)Anthracene	--	--	UG/L	0.1 U	0.1 U
Dibenzofuran	--	--	UG/L	2 U	2 U
Diethyl Phthalate	--	50	UG/L	5 U	5 U
Dimethyl Phthalate	--	50	UG/L	5 U	5 U
Di-N-Butyl Phthalate	50	--	UG/L	5 U	5 U
Di-N-Octylphthalate	--	--	UG/L	5 U	5 U
Fluoranthene	--	50	UG/L	0.32	0.1 U
Fluorene	--	50	UG/L	0.17	0.1 U
Hexachlorobenzene	0.04	--	UG/L	0.8 U	0.8 U
Hexachlorobutadiene	0.5	--	UG/L	0.5 U	0.5 U
Hexachlorocyclopentadiene	5	--	UG/L	20 U	20 U
Hexachloroethane	5	--	UG/L	0.8 U	0.8 U
Indeno(1,2,3-C,D)Pyrene	--	0.002	UG/L	0.07 J	0.1 U
Isophorone	--	50	UG/L	5 U	5 U
Naphthalene	--	10	UG/L	0.19	0.1 U

Table 8. Summary of Semivolatile Organic Compounds in Groundwater, Sendero Verde Redevelopment Project - Parcel B, New York, New York

				Sample Designation:	SB-11	SB-11
				Sample Date:	05/04/2018	05/04/2018
				Sample Note:		Filtered
Parameter	NYSDEC Ambient Water-Quality Standards	NYSDEC Ambient Water-Quality Guidance Values	Unit			
Nitrobenzene	0.4	--	UG/L	2 U	2 U	
N-Nitrosodi-N-Propylamine	--	--	UG/L	5 U	5 U	
N-Nitrosodiphenylamine	--	50	UG/L	2 U	2 U	
Pentachlorophenol	1	--	UG/L	0.8 U	0.8 U	
Phenanthrene	--	50	UG/L	0.58	0.08 J	
Phenol	1	--	UG/L	5 U	5 U	
Pyrene	--	50	UG/L	0.24	0.1 U	

Table 9. Summary of Metals in Groundwater, Sendero Verde Redevelopment Project - Parcel B, New York, New York

Sample Designation: Sample Date: Sample Note: Sample Fraction:				SB-1	SB-1	SB-4	SB-4	SB-5	SB-5	SB-10
				05/03/2018	05/03/2018	05/02/2018	05/02/2018	05/02/2018	05/02/2018	05/02/2018
				Total	Dissolved	Total	Dissolved	Total	Dissolved	Total
				Parameter	NYSDEC Ambient Water-Quality Standards	NYSDEC Ambient Water-Quality Guidance Values	Unit			
Aluminum	--	--	UG/L	2730	19.8	12100	25.1	8820	12	2520
Antimony	3	--	UG/L	7.46	0.55 J	1.78 J	0.87 J	7.75	2.5 J	2.29 J
Arsenic	25	--	UG/L	1.95	0.71	6.47	0.55	9.85	0.45 J	1.84
Barium	1000	--	UG/L	168.6	18.73	3150	58.97	2173	43.16	643.8
Beryllium	--	3	UG/L	0.23 J	0.5 U	1.09	0.5 U	0.86	0.5 U	0.24 J
Cadmium	5	--	UG/L	0.21	0.33	1.21	0.2 U	1.8	0.2 U	0.48
Calcium	--	--	UG/L	34200	33200	58900	25600	229000	135000	56500
Chromium, Total	50	--	UG/L	10.04	1.01	68.41	3.48	35.72	3.27	11.88
Cobalt	--	--	UG/L	2.73	0.5 U	21.28	0.5 U	16.61	0.66	3.26
Copper	200	--	UG/L	13.36	2.19	66.4	1.21	78.74	1.41	12.29
Iron	300	--	UG/L	3550	50 U	22200	50 U	14200	50 U	3580
Lead	25	--	UG/L	121.4	0.43 J	285.7	0.34 J	1558	1.71	74.15
Magnesium	--	35000	UG/L	2850	1890	8470	4260	17400	12100	12300
Manganese	300	--	UG/L	165.7	14.61	843.5	5.46	1101	85.81	471.7
Mercury	0.7	--	UG/L	0.2 U	0.2 U	0.26	0.2 U	0.92	0.2 U	0.13 J
Nickel	100	--	UG/L	5.88	2 U	30.34	2 U	22.81	0.98 J	6.79
Potassium	--	--	UG/L	1340	971	3930	3000	5240	4280	3780
Selenium	10	--	UG/L	5 U	5 U	2.34 J	5 U	2.85 J	5 U	5.37
Silver	50	--	UG/L	0.3 J	0.4 U	0.56	0.4 U	0.22 J	0.4 U	0.4 U
Sodium	20000	--	UG/L	12400	11400	19400	21000	22600	23000	58000
Thallium	--	0.5	UG/L	0.17 J	0.5 U	0.16 J	0.5 U	0.2 J	0.5 U	0.14 J
Vanadium	--	--	UG/L	7.41	5 U	41.45	5 U	37.71	5 U	8.52
Zinc	--	2000	UG/L	95.71	3.96 J	1014	3.46 J	1130	7.65 J	204.7

Table 9. Summary of Metals in Groundwater, Sendero Verde Redevelopment Project - Parcel B, New York, New York

				Sample Designation:	SB-10	SB-11	SB-11
				Sample Date:	05/02/2018	05/04/2018	05/04/2018
				Sample Note:			
				Sample Fraction:	Dissolved	Total	Dissolved
Parameter	NYSDEC Ambient Water-Quality Standards	NYSDEC Ambient Water-Quality Guidance Values	Unit				
Aluminum	--	--	UG/L	6.44 J	2440	16	
Antimony	3	--	UG/L	0.85 J	2.2 J	1.27 J	
Arsenic	25	--	UG/L	0.33 J	5.69	0.93	
Barium	1000	--	UG/L	34.79	739	54.82	
Beryllium	--	3	UG/L	0.5 U	0.24 J	0.5 U	
Cadmium	5	--	UG/L	0.09 J	0.42	0.2 U	
Calcium	--	--	UG/L	55300	51000	33800	
Chromium, Total	50	--	UG/L	1.81	14.17	4.24	
Cobalt	--	--	UG/L	0.5 U	3.9	0.5 U	
Copper	200	--	UG/L	1.13	15.9	0.95 J	
Iron	300	--	UG/L	50 U	4220	50 U	
Lead	25	--	UG/L	0.49 J	161.2	0.37 J	
Magnesium	--	35000	UG/L	12100	10600	8210	
Manganese	300	--	UG/L	11.72	479.4	17.98	
Mercury	0.7	--	UG/L	0.2 U	0.2 U	0.2 U	
Nickel	100	--	UG/L	2 U	7.38	2 U	
Potassium	--	--	UG/L	3720	3840	3360	
Selenium	10	--	UG/L	4.69 J	5.76	5.33	
Silver	50	--	UG/L	0.4 U	0.4 U	0.4 U	
Sodium	20000	--	UG/L	59200	18800	19500	
Thallium	--	0.5	UG/L	0.5 U	0.39 J	0.5 U	
Vanadium	--	--	UG/L	5 U	9.32	5 U	
Zinc	--	2000	UG/L	10.8	335.4	3.98 J	

Table 10. Summary of Polychlorinated Biphenyls in Groundwater, SSendero Verde Redevelopment Project - Parcel B, New York, New York

				Sample Designation:	SB-1	SB-1	SB-4	SB-4	SB-5
				Sample Date:	05/03/2018	05/03/2018	05/02/2018	05/02/2018	05/02/2018
				Sample Note:		Filtered		Filtered	
Parameter	NYSDEC Ambient Water-Quality Standards	NYSDEC Ambient Water-Quality Guidance Values	Unit						
PCB-1016 (Aroclor 1016)	--	--	UG/L	0.083 U	0.083 U	0.083 U	0.083 U	0.083 U	0.083 U
PCB-1221 (Aroclor 1221)	--	--	UG/L	0.083 U	0.083 U	0.083 U	0.083 U	0.083 U	0.083 U
PCB-1232 (Aroclor 1232)	--	--	UG/L	0.083 U	0.083 U	0.083 U	0.083 U	0.083 U	0.083 U
PCB-1242 (Aroclor 1242)	--	--	UG/L	0.083 U	0.083 U	0.083 U	0.083 U	0.083 U	0.083 U
PCB-1248 (Aroclor 1248)	--	--	UG/L	0.083 U	0.083 U	0.083 U	0.083 U	0.083 U	0.083 U
PCB-1254 (Aroclor 1254)	--	--	UG/L	0.083 U	0.083 U	0.083 U	0.083 U	0.083 U	0.083 U
PCB-1260 (Aroclor 1260)	--	--	UG/L	0.083 U	0.083 U	0.083 U	0.083 U	0.083 U	0.083 U
PCB-1262 (Aroclor 1262)	--	--	UG/L	0.083 U	0.083 U	0.083 U	0.083 U	0.083 U	0.083 U
PCB-1268 (Aroclor 1268)	--	--	UG/L	0.083 U	0.083 U	0.083 U	0.083 U	0.083 U	0.083 U
Polychlorinated Biphenyl (PCBs)	0.09	--	UG/L	0.083 U	0.083 U	0.083 U	0.083 U	0.083 U	0.083 U

Table 10. Summary of Polychlorinated Biphenyls in Groundwater, SSendero Verde Redevelopment Project - Parcel B, New York, New York

				Sample Designation:	SB-5	SB-10	SB-10	SB-11	SB-11
				Sample Date:	05/02/2018	05/02/2018	05/02/2018	05/04/2018	05/04/2018
				Sample Note:	Filtered		Filtered		Filtered
Parameter	NYSDEC Ambient Water-Quality Standards	NYSDEC Ambient Water-Quality Guidance Values	Unit						
PCB-1016 (Aroclor 1016)	--	--	UG/L	0.083 U	0.083 U	0.083 U	0.083 U	0.083 U	
PCB-1221 (Aroclor 1221)	--	--	UG/L	0.083 U	0.083 U	0.083 U	0.083 U	0.083 U	
PCB-1232 (Aroclor 1232)	--	--	UG/L	0.083 U	0.083 U	0.083 U	0.083 U	0.083 U	
PCB-1242 (Aroclor 1242)	--	--	UG/L	0.083 U	0.083 U	0.083 U	0.083 U	0.083 U	
PCB-1248 (Aroclor 1248)	--	--	UG/L	0.083 U	0.083 U	0.083 U	0.083 U	0.083 U	
PCB-1254 (Aroclor 1254)	--	--	UG/L	0.083 U	0.083 U	0.083 U	0.083 U	0.083 U	
PCB-1260 (Aroclor 1260)	--	--	UG/L	0.083 U	0.083 U	0.083 U	0.083 U	0.083 U	
PCB-1262 (Aroclor 1262)	--	--	UG/L	0.083 U	0.083 U	0.083 U	0.083 U	0.083 U	
PCB-1268 (Aroclor 1268)	--	--	UG/L	0.083 U	0.083 U	0.083 U	0.083 U	0.083 U	
Polychlorinated Biphenyl (PCBs)	0.09	--	UG/L	0.083 U	0.083 U	0.083 U	0.083 U	0.083 U	

Table 11. Summary of Pesticides and Herbicides in Groundwater, Sendero Verde Redevelopment Project - Parcel B, New York, New York

				Sample Designation:				
				SB-1	SB-1	SB-4	SB-4	SB-5
				05/03/2018	05/03/2018	05/02/2018	05/02/2018	05/02/2018
					Filtered		Filtered	
Parameter	NYSDEC Ambient Water-Quality Standards	NYSDEC Ambient Water-Quality Guidance Values	Unit					
Aldrin	0	--	UG/L	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	--	--	UG/L	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U
Alpha Endosulfan	--	--	UG/L	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U
Beta Bhc (Beta Hexachlorocyclohexane)	--	--	UG/L	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U
Beta Endosulfan	--	--	UG/L	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U
Chlordane	0.05	--	UG/L	0.143 U	0.143 U	0.074 J	0.143 U	0.516
cis-Chlordane	--	--	UG/L	0.005 J	0.014 U	0.006 J	0.006 J	0.086
Delta BHC (Delta Hexachlorocyclohexane)	--	--	UG/L	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U
Dieldrin	0.004	--	UG/L	0.016 J	0.01 J	0.021 J	0.022 J	0.029 U
Endosulfan Sulfate	--	--	UG/L	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U
Endrin	0	--	UG/L	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U
Endrin Aldehyde	5	--	UG/L	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U
Endrin Ketone	--	--	UG/L	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U
Gamma Bhc (Lindane)	--	--	UG/L	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U
Heptachlor	0.04	--	UG/L	0.014 U	0.014 U	0.014 U	0.014 U	0.006 J
Heptachlor Epoxide	0.03	--	UG/L	0.014 U	0.014 U	0.014 U	0.014 U	0.004 JPI
Methoxychlor	35	--	UG/L	0.143 U	0.143 U	0.143 U	0.143 U	0.143 U
P,P'-DDD	0.3	--	UG/L	0.029 U	0.029 U	0.003 J	0.029 U	0.027 J
P,P'-DDE	0.2	--	UG/L	0.003 J	0.029 U	0.009 J	0.029 U	0.116
P,P'-DDT	0.2	--	UG/L	0.012 J	0.029 U	0.038	0.008 J	0.496
Toxaphene	0.06	--	UG/L	0.143 U	0.143 U	0.143 U	0.143 U	0.143 U
trans-Chlordane	--	--	UG/L	0.005 J	0.014 U	0.006 J	0.014 U	0.054

Table 11. Summary of Pesticides and Herbicides in Groundwater, Sendero Verde Redevelopment Project - Parcel B, New York, New York

				Sample Designation:	SB-5	SB-10	SB-10	SB-11	SB-11
				Sample Date:	05/02/2018	05/02/2018	05/02/2018	05/04/2018	05/04/2018
				Sample Note:	Filtered		Filtered		Filtered
Parameter	NYSDEC Ambient Water-Quality Standards	NYSDEC Ambient Water-Quality Guidance Values	Unit						
Aldrin	0	--	UG/L	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	--	--	UG/L	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U
Alpha Endosulfan	--	--	UG/L	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U
Beta Bhc (Beta Hexachlorocyclohexane)	--	--	UG/L	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U
Beta Endosulfan	--	--	UG/L	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U
Chlordane	0.05	--	UG/L	0.143 U	0.143 U	0.143 U	0.285	0.143 U	0.143 U
cis-Chlordane	--	--	UG/L	0.006 J	0.008 J	0.014 U	0.066 P	0.014 U	0.014 U
Delta BHC (Delta Hexachlorocyclohexane)	--	--	UG/L	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U
Dieldrin	0.004	--	UG/L	0.029 U	0.007 J	0.008 J	0.021 J	0.029 U	0.029 U
Endosulfan Sulfate	--	--	UG/L	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U
Endrin	0	--	UG/L	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U
Endrin Aldehyde	5	--	UG/L	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U
Endrin Ketone	--	--	UG/L	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U
Gamma Bhc (Lindane)	--	--	UG/L	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U
Heptachlor	0.04	--	UG/L	0.014 U	0.014 U	0.014 U	0.004 J	0.014 U	0.014 U
Heptachlor Epoxide	0.03	--	UG/L	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U
Methoxychlor	35	--	UG/L	0.143 U	0.143 U	0.143 U	0.143 U	0.143 U	0.143 U
P,P'-DDD	0.3	--	UG/L	0.029 U	0.029 U	0.029 U	0.011 J	0.029 U	0.029 U
P,P'-DDE	0.2	--	UG/L	0.004 J	0.029 U	0.029 U	0.107	0.029 U	0.029 U
P,P'-DDT	0.2	--	UG/L	0.01 J	0.017 J	0.007 J	0.409	0.021 J	0.021 J
Toxaphene	0.06	--	UG/L	0.143 U	0.143 U	0.143 U	0.143 U	0.143 U	0.143 U
trans-Chlordane	--	--	UG/L	0.005 J	0.014 U	0.014 U	0.061	0.014 U	0.014 U

Table 12. Summary of Volatile Organic Compounds in Soil Vapor, Sendero Verde Redevelopment Project - Parcel B, New York, New York

Sample Designation:		SV-1	SV-3	SV-4	SV-5	SV-6	SV-7	SV-8
Sample Date:		05/04/2018	05/04/2018	05/04/2018	05/04/2018	05/04/2018	05/04/2018	05/04/2018
Parameter	Unit							
1,1,1-Trichloroethane (TCA)	UG/M3	5.46 U	10.9 U	5.46 U	10.9 U	11 U	5.46 U	10.9 U
1,1,2,2-Tetrachloroethane	UG/M3	6.87 U	13.7 U	6.87 U	13.7 U	13.9 U	6.87 U	13.7 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	UG/M3	7.66 U	15.3 U	7.66 U	15.3 U	15.5 U	7.66 U	15.3 U
1,1,2-Trichloroethane	UG/M3	5.46 U	10.9 U	5.46 U	10.9 U	11 U	5.46 U	10.9 U
1,1-Dichloroethane	UG/M3	4.05 U	8.09 U	4.05 U	8.09 U	8.18 U	4.05 U	8.09 U
1,1-Dichloroethene	UG/M3	3.96 U	7.93 U	3.96 U	7.93 U	8.01 U	3.96 U	7.93 U
1,2,4-Trichlorobenzene	UG/M3	7.42 U	14.8 U	7.42 U	14.8 U	15 U	7.42 U	14.8 U
1,2,4-Trimethylbenzene	UG/M3	15	9.83 U	17.8	9.83 U	9.93 U	18.5	9.83 U
1,2-Dibromoethane (Ethylene Dibromide)	UG/M3	7.69 U	15.4 U	7.69 U	15.4 U	15.5 U	7.69 U	15.4 U
1,2-Dichlorobenzene	UG/M3	6.01 U	12 U	6.01 U	12 U	12.1 U	6.01 U	12 U
1,2-Dichloroethane	UG/M3	4.05 U	8.09 U	4.05 U	8.09 U	8.18 U	4.05 U	8.09 U
1,2-Dichloropropane	UG/M3	4.62 U	9.24 U	4.62 U	9.24 U	9.34 U	4.62 U	9.24 U
1,2-Dichlorotetrafluoroethane	UG/M3	6.99 U	14 U	6.99 U	14 U	14.1 U	6.99 U	14 U
1,3,5-Trimethylbenzene (Mesitylene)	UG/M3	4.92 U	9.83 U	4.92 U	9.83 U	9.93 U	4.92 U	9.83 U
1,3-Butadiene	UG/M3	2.21 U	4.42 U	2.21 U	4.42 U	4.47 U	2.21 U	4.42 U
1,3-Dichlorobenzene	UG/M3	6.01 U	12 U	6.01 U	12 U	12.1 U	6.01 U	12 U
1,4-Dichlorobenzene	UG/M3	6.01 U	12 U	6.01 U	12 U	12.1 U	6.01 U	12 U
1,4-Dioxane (P-Dioxane)	UG/M3	3.6 U	7.21 U	3.6 U	7.21 U	7.28 U	3.6 U	7.21 U
2,2,4-Trimethylpentane	UG/M3	4.67 U	9.34 U	4.67 U	9.34 U	9.43 U	4.67 U	9.34 U
2-Hexanone	UG/M3	161	150	107	194	371	150	287
4-Ethyltoluene	UG/M3	4.92 U	9.83 U	4.92 U	9.83 U	9.93 U	4.92 U	9.83 U
Acetone	UG/M3	120	456	347	551	822	257	485
Allyl Chloride (3-Chloropropene)	UG/M3	3.13 U	6.26 U	3.13 U	6.26 U	6.32 U	3.13 U	6.26 U
Benzene	UG/M3	3.19 U	6.39 U	3.19 U	6.39 U	6.45 U	3.19 U	6.39 U
Benzyl Chloride	UG/M3	5.18 U	10.4 U	5.18 U	10.4 U	10.5 U	5.18 U	10.4 U
Bromodichloromethane	UG/M3	6.7 U	13.4 U	6.7 U	13.4 U	13.5 U	6.7 U	13.4 U
Bromoform	UG/M3	10.3 U	20.7 U	10.3 U	20.7 U	20.9 U	10.3 U	20.7 U
Bromomethane	UG/M3	3.88 U	7.77 U	3.88 U	7.77 U	7.84 U	3.88 U	7.77 U
Carbon Disulfide	UG/M3	3.11 U	6.23 U	3.11 U	6.23 U	6.29 U	3.11 U	6.23 U
Carbon Tetrachloride	UG/M3	6.29 U	12.6 U	6.29 U	12.6 U	12.7 U	6.29 U	12.6 U
Chlorobenzene	UG/M3	4.61 U	9.21 U	4.61 U	9.21 U	9.3 U	4.61 U	9.21 U
Chloroethane	UG/M3	2.64 U	5.28 U	2.64 U	5.28 U	5.33 U	2.64 U	5.28 U
Chloroform	UG/M3	4.88 U	33.2	6.01	9.77 U	128	5.37	78.6
Chloromethane	UG/M3	2.07 U	4.13 U	2.07 U	4.13 U	4.17 U	2.07 U	4.13 U

Table 12. Summary of Volatile Organic Compounds in Soil Vapor, Sendero Verde Redevelopment Project - Parcel B, New York, New York

Sample Designation:		SV-1	SV-3	SV-4	SV-5	SV-6	SV-7	SV-8
Sample Date:		05/04/2018	05/04/2018	05/04/2018	05/04/2018	05/04/2018	05/04/2018	05/04/2018
Parameter	Unit							
Cis-1,2-Dichloroethylene	UG/M3	3.96 U	7.93 U	3.96 U	7.93 U	8.01 U	3.96 U	7.93 U
Cis-1,3-Dichloropropene	UG/M3	4.54 U	9.08 U	4.54 U	9.08 U	9.17 U	4.54 U	9.08 U
Cyclohexane	UG/M3	3.44 U	6.88 U	3.44 U	6.88 U	6.95 U	3.44 U	6.88 U
Dibromochloromethane	UG/M3	8.52 U	17 U	8.52 U	17 U	17.2 U	8.52 U	17 U
Dichlorodifluoromethane	UG/M3	4.94 U	9.89 U	53.4	9.89 U	9.99 U	4.94 U	9.89 U
Ethanol	UG/M3	47.1 U	94.2 U	51.8	111	95.3 U	50.1	122
Ethyl Acetate	UG/M3	9.01 U	18 U	9.01 U	18 U	18.2 U	9.01 U	18 U
Ethylbenzene	UG/M3	4.34 U	8.69 U	4.34 U	8.69 U	8.77 U	4.43	8.69 U
Hexachlorobutadiene	UG/M3	10.7 U	21.3 U	10.7 U	21.3 U	21.5 U	10.7 U	21.3 U
Isopropanol	UG/M3	6.15 U	12.3 U	6.15 U	12.3 U	12.4 U	6.15 U	12.3 U
m,p-Xylene	UG/M3	14.9	17.4 U	14.9	17.4 U	17.5 U	16.4	17.4 U
Methyl Ethyl Ketone (2-Butanone)	UG/M3	817	1340	1240	1710	2660	1400	2020
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	UG/M3	10.2 U	20.5 U	10.2 U	20.5 U	20.7 U	10.2 U	20.5 U
Methylene Chloride	UG/M3	8.69 U	17.4 U	8.69 U	17.4 U	17.6 U	8.69 U	17.4 U
N-Heptane	UG/M3	4.1 U	8.2 U	4.1 U	13.9	8.28 U	4.1 U	8.2 U
N-Hexane	UG/M3	3.52 U	7.05 U	3.52 U	20.7	7.12 U	3.52 U	7.05 U
O-Xylene (1,2-Dimethylbenzene)	UG/M3	7.3	8.69 U	6.69	8.69 U	8.77 U	7.47	8.69 U
Styrene	UG/M3	4.26 U	8.52 U	4.26 U	8.52 U	8.6 U	4.26 U	8.52 U
Tert-Butyl Alcohol	UG/M3	7.58 U	15.2 U	7.58 U	15.2 U	15.3 U	7.58 U	15.2 U
Tert-Butyl Methyl Ether	UG/M3	3.61 U	7.21 U	3.61 U	7.21 U	7.28 U	3.61 U	7.21 U
Tetrachloroethylene (PCE)	UG/M3	6.78 U	48.8	10.2	13.6 U	24.4	8.68	13.6 U
Tetrahydrofuran	UG/M3	7.37 U	14.7 U	7.37 U	14.7 U	14.9 U	7.37 U	14.7 U
Toluene	UG/M3	4.75	7.54 U	3.77 U	7.54 U	7.61 U	5.5	7.54 U
Trans-1,2-Dichloroethene	UG/M3	3.96 U	7.93 U	3.96 U	7.93 U	8.01 U	3.96 U	7.93 U
Trans-1,3-Dichloropropene	UG/M3	4.54 U	9.08 U	4.54 U	9.08 U	9.17 U	4.54 U	9.08 U
Trichloroethylene (TCE)	UG/M3	5.37 U	10.7 U	5.37 U	10.7 U	10.9 U	5.37 U	10.7 U
Trichlorofluoromethane	UG/M3	5.62 U	11.2 U	5.62 U	11.2 U	11.4 U	5.62 U	11.2 U
Vinyl Bromide	UG/M3	4.37 U	8.74 U	4.37 U	8.74 U	8.83 U	4.37 U	8.74 U
Vinyl Chloride	UG/M3	2.56 U	5.11 U	2.56 U	5.11 U	5.16 U	2.56 U	5.11 U

Table 12. Summary of Volatile Organic Compounds in Soil Vapor, Sendero Verde Redevelopment Project - Parcel B, New York, New York

Sample Designation:	
Sample Date:	
Parameter	Unit
1,1,1-Trichloroethane (TCA)	UG/M3
1,1,2,2-Tetrachloroethane	UG/M3
1,1,2-Trichloro-1,2,2-Trifluoroethane	UG/M3
1,1,2-Trichloroethane	UG/M3
1,1-Dichloroethane	UG/M3
1,1-Dichloroethene	UG/M3
1,2,4-Trichlorobenzene	UG/M3
1,2,4-Trimethylbenzene	UG/M3
1,2-Dibromoethane (Ethylene Dibromide)	UG/M3
1,2-Dichlorobenzene	UG/M3
1,2-Dichloroethane	UG/M3
1,2-Dichloropropane	UG/M3
1,2-Dichlorotetrafluoroethane	UG/M3
1,3,5-Trimethylbenzene (Mesitylene)	UG/M3
1,3-Butadiene	UG/M3
1,3-Dichlorobenzene	UG/M3
1,4-Dichlorobenzene	UG/M3
1,4-Dioxane (P-Dioxane)	UG/M3
2,2,4-Trimethylpentane	UG/M3
2-Hexanone	UG/M3
4-Ethyltoluene	UG/M3
Acetone	UG/M3
Allyl Chloride (3-Chloropropene)	UG/M3
Benzene	UG/M3
Benzyl Chloride	UG/M3
Bromodichloromethane	UG/M3
Bromoform	UG/M3
Bromomethane	UG/M3
Carbon Disulfide	UG/M3
Carbon Tetrachloride	UG/M3
Chlorobenzene	UG/M3
Chloroethane	UG/M3
Chloroform	UG/M3
Chloromethane	UG/M3

Table 12. Summary of Volatile Organic Compounds in Soil Vapor, Sendero Verde Redevelopment Project - Parcel B, New York, New York

Sample Designation:	
Sample Date:	
Parameter	Unit
Cis-1,2-Dichloroethylene	UG/M3
Cis-1,3-Dichloropropene	UG/M3
Cyclohexane	UG/M3
Dibromochloromethane	UG/M3
Dichlorodifluoromethane	UG/M3
Ethanol	UG/M3
Ethyl Acetate	UG/M3
Ethylbenzene	UG/M3
Hexachlorobutadiene	UG/M3
Isopropanol	UG/M3
m,p-Xylene	UG/M3
Methyl Ethyl Ketone (2-Butanone)	UG/M3
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	UG/M3
Methylene Chloride	UG/M3
N-Heptane	UG/M3
N-Hexane	UG/M3
O-Xylene (1,2-Dimethylbenzene)	UG/M3
Styrene	UG/M3
Tert-Butyl Alcohol	UG/M3
Tert-Butyl Methyl Ether	UG/M3
Tetrachloroethylene (PCE)	UG/M3
Tetrahydrofuran	UG/M3
Toluene	UG/M3
Trans-1,2-Dichloroethene	UG/M3
Trans-1,3-Dichloropropene	UG/M3
Trichloroethylene (TCE)	UG/M3
Trichlorofluoromethane	UG/M3
Vinyl Bromide	UG/M3
Vinyl Chloride	UG/M3

Brownfield Cleanup Program Application
Sendero Verde Redevelopment Project – Parcel B, New York, New York

APPENDIX D

Property Information

Appendix D – Property Description Narrative

Sendero Verde Redevelopment Project – Parcel B, New York, NY
BCP Application - Section IV, Question 10

Location

The Site is bounded by Park and Madison Avenues and East 111th Street and East 112th Street (Figure 1). The Site occupies Tax Lot 20 of Tax Block 1617 and encompasses approximately 1.36 acres (Figure 2). Lots 21, 34, and 120 of Block 1617 are not part of the Site.

Site Features

The Site is currently a vacant, unpaved lot surrounded by chain-link fence. Most recently, the Site was utilized as a baseball field and community gardens. The community gardens were vacated in February 2018 and are located on the eastern and southwestern perimeter of the Site. Several shanty structures and garbage / debris remain in these areas. Other details of the Site history are discussed in the *Past Use of the Site* section below.

Current Zoning and Land Use

The planned development is consistent with its R9 and R9/C2-5 zoning district as well as the Large Scale General Development plan. R9 districts are high-density districts that permit a wide range of building types, including towers. Commercial overlay C2-5 is mapped within a residential district, extends 100 feet into the block, and does not require accessory parking. Below are the council resolution and ULURP numbers:

- Council Resolution No. 1744 approving ULURP No. C 170361 ZMM
- Council Resolution No. 1745 approving ULURP No. N 170362 ZRM
- Council Resolution No. 1746 approving ULURP No. C 170363 HAM
- Council Resolution No. 1747 approving ULURP No. C170364 PQM
- Council Resolution No. 1748 approving ULURP No. C 170365 ZSM
- Council Resolution No. 1749 approving ULURP No. C 170366 ZSM
- Council Resolution No. 1750 approving ULURP No. C170367 ZSM

The Site is currently a vacant, unpaved lot surrounded by chain-link fence. The area surrounding the Site is urban and developed with low to high-rise multi-family residential buildings, commercial and office buildings, and mixed use residential and commercial properties (Figure 4). Surrounding property usage to the north of the Site, beyond East 112th Street, is residential with multiple high-rise residential buildings. To the south, beyond East 111th Street, is mixed-use residential and commercial development with multiple high-rise buildings. To the east, beyond Park Avenue, are the elevated tracks of the Metro North Railroad; further east is a playground belonging to a public school. To the west, beyond Lots 21, 120, and Madison Avenue, is residential with a part five-, part seven-story residential building.

Past Use of the Site

The Past uses of the Site included residential and commercial. As indicated by the Sanborn Fire Insurance Maps, a portion of the Site was identified as a “Chinese Laundry” from at least 1911 to 1979 and a portion of the Site contained paint stores from at least 1939 to 1968. The Sanborn Fire Insurance Maps also showed numerous residential dwellings to have existed on-Site between 1896 and 1980. A review of the City Directory listing indicated that portions of the Site operated as a cleaner/dry cleaner (1968), a printer (1920), a furrier (1920), a pharmacy (1947-1950), and a shoe sale/manufacturer (1920, 1923 and 1934).

Appendix D – Property Description Narrative

Sendero Verde Redevelopment Project – Parcel B, New York, NY

BCP Application - Section IV, Question 10

Site Geology & Hydrogeology

The land surface elevation ranges from 16 to 18 feet relative to the North American Vertical Datum of 1988 (NAVD88).

Based on the Roux Phase II Environmental Site Assessment (ESA), the Site is underlain by urban fill to depths of approximately 10 to 15 feet below land surface (ft bls). Based on Roux's Phase II ESA dated June 8, 2018, and Amendment to the Phase II ESA prepared by Roux, dated November 13, 2018, groundwater is generally encountered between approximately 12 to 13 feet below land surface (ft bls).

Groundwater flow direction is likely influenced by subsurface utilities, local dewatering projects, bedrock topography, tunnels, and other subsurface features. Groundwater flow direction is assumed to be southeast towards the Harlem River in the area of the Site.

According to the EDR report dated March 15, 2018, the Site is not located in, or adjacent to, regulated wetlands. The Harlem River is approximately 3,300 feet east of the Site. According to the United States Federal Emergency Management (FEMA) Flood Insurance Map, a portion of the Site is located within the 500-year flood zone.

Environmental Assessment

Roux performed a Phase II ESA in April and May 2018, which is described in the Phase II ESA dated June 8, 2018, and an Amendment to the Phase II ESA prepared by Roux, dated November 13, 2018; both are attached in Appendix C of this application. A summary of the results is provided below.

Summary of Previous Sampling Results (2018 Roux)

Soil

- The previous investigation reveals the presence of urban fill soils across the Site with metals and semivolatile organic compounds (SVOCs), specifically polycyclic aromatic hydrocarbons (PAHs) usually associated with such fill material.
- No VOCs were detected at a concentration above their respective NYSDEC Part 375 Restricted Residential Soil Cleanup Objectives (RRSCOs).
- One or more SVOCs including benzo(a)anthracene (maximum of 6,000 micrograms per kilogram [$\mu\text{g}/\text{kg}$] at SB-5, 0-2 ft bls), benzo(a)pyrene (maximum 6,200 $\mu\text{g}/\text{kg}$ at SB-5, 0-2 ft bls), benzo(b)fluoranthene (maximum of 10,000 $\mu\text{g}/\text{kg}$ at SB-5, 0-2 ft bls), chrysene (maximum of 7,200 $\mu\text{g}/\text{kg}$ at SB-5, 0-2 ft bls), dibenzo(a,h)anthracene (maximum of 1,000 $\mu\text{g}/\text{kg}$ at SB-5, 0-2 ft bls) and indeno(1,2,3-c,d)pyrene (maximum of 5,100 $\mu\text{g}/\text{kg}$ at SB-5, 0-2 ft bls) were detected at relatively low concentrations slightly above their respective RRSCOs in all shallow soil samples and three of the twelve deep soil samples (SB-1, SB-4 and SB-11). It should be noted, that the Unrestricted Use Soil Cleanup Objectives (UUSCOs) and the RRSCOs for Benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene and indeno(1,2,3-c,d) pyrene are the same value (1,000 $\mu\text{g}/\text{kg}$).
- One or more metals including arsenic (maximum of 29.5 milligrams per kilogram [mg/kg] at SB-11, 8-10 ft bls), barium (maximum of 564 mg/kg at SB-6, 0-2 ft bls), copper (maximum of 5,060 mg/kg at SB-1, 0-2 ft bls) and lead (maximum of 820 mg/kg at SB-1, 12-14 ft bls) were detected at

Appendix D – Property Description Narrative

Sendero Verde Redevelopment Project – Parcel B, New York, NY

BCP Application - Section IV, Question 10

concentrations above their respective RRSCOs in nine shallow (all samples except SB-3, SB-7 and SB-8) and three deep soil samples (SB-1, SB-4 and SB-11).

- Total PCBs were not detected above their respective RRSCOs.
- Dieldrin was detected above its respective RRSCO in one deep sample (SB-11, 8-10 ft bls).

Metals, SVOCs, and PCBs exceed their respective (UUSCOs) across the Site, as shown in Plate 1.

Groundwater

- One VOC, Chloroform, was detected above its Ambient Water Quality Standards and Guidance Values (AWQSGV) in all samples (maximum concentration of 39 micrograms per liter [$\mu\text{g/L}$]).
- Concentrations of SVOCs exceeded their AWQSGVs in three unfiltered samples. SVOCs in the filtered samples were below their respective AWSGVs, except Bis(2-ethylhexyl)phthalate. Bis(2-ethylhexyl)phthalate (maximum concentration of 9.4 $\mu\text{g/L}$) was detected above its AWQSGV in one filtered sample (SB-4).
- Concentrations of metals exceeded their AWQSGVs in all unfiltered samples. Metals in the filtered samples were below their respective AWQSGVs, with the exception of sodium. Sodium (maximum concentration of 68,300 $\mu\text{g/L}$) was detected above its AWQSGVs in three filtered groundwater grab samples (SB-4, SB-5, and SB-10). Sodium is naturally occurring in groundwater.
- No PCBs were detected in groundwater.
- Concentrations of pesticides exceeded their AWQSGVs in all unfiltered samples. Pesticides in the filtered samples were below their respective AWQSGVs, with the exception of dieldrin. Dieldrin (maximum concentration of 0.022 [estimated] $\mu\text{g/L}$) was detected above its AWQSGVs in three filtered groundwater grab samples (SB-1, SB-4 and SB-10).

Soil Vapor

- All soil vapor samples contained detections of VOCs.
- 1,2,4-trimethylbenzene (maximum concentration of 18.5 micrograms per cubic meter ($\mu\text{g/m}^3$)) in three soil vapor samples (SV-1, SV-4 and SV-7).
- 2-Hexanone (maximum concentration of 371 $\mu\text{g/m}^3$) in all soil vapor samples.
- Acetone (maximum concentration of 822 $\mu\text{g/m}^3$) in all soil vapor samples.
- Chloroform (maximum concentration of 128 $\mu\text{g/m}^3$) in five soil vapor samples (SV-3, SV-4, SV-6, SV-7 and SV-8).
- Dichlorodifluoromethane (maximum concentration of 53.4 $\mu\text{g/m}^3$) in one soil vapor sample (SV-4).
- Ethanol (maximum concentration of 122 $\mu\text{g/m}^3$) in four soil vapor samples (SV-4, SV-5, SV-7 and SV-8).
- Ethylbenzene (maximum concentration of 4.43 $\mu\text{g/m}^3$) in one soil vapor sample (SV-7).
- m,p-xylene (maximum concentration of 16.4 $\mu\text{g/m}^3$) in four soil vapor samples (SV-1, SV-4, SV-7, and SV-8).
- Methyl Ethyl Ketone (maximum concentration of 2660 $\mu\text{g/m}^3$) in all soil vapor samples.
- N-Heptane (maximum concentration of 13.9 $\mu\text{g/m}^3$) in one soil vapor sample (SV-5).

Appendix D – Property Description Narrative

Sendero Verde Redevelopment Project – Parcel B, New York, NY

BCP Application - Section IV, Question 10

- N-Hexane (maximum concentration of 20.7 $\mu\text{g}/\text{m}^3$) in one soil vapor sample (SV-5).
- o-xylene (maximum concentration of 7.47 $\mu\text{g}/\text{m}^3$) in three soil vapor samples (SV-1, SV-4, SV-7).
- Tetrachloroethylene (maximum concentration of 48.8 $\mu\text{g}/\text{m}^3$) in four soil vapor samples (SV-3, SV-4, SV-6, and SV-7).
- Toluene (maximum concentration of 5.5 $\mu\text{g}/\text{m}^3$) in one soil vapor sample (SV-1).

Brownfield Cleanup Program Application
Sendero Verde Redevelopment Project – Parcel B, New York, New York

APPENDIX E

Previous Owners and Operators

Appendix E – Previous Property Owners and Operators

Sendero Verde Redevelopment Project – Parcel B, New York, NY
BCP Application – Section VI

The Requestor submitted the winning response to the SustainNYC Competition and was awarded the project in February 2017. The Site will be transferred from the City of New York c/o New York City Housing Preservation and Development (NYCHPD) to the Requestor prior to redevelopment (anticipated in June 2019). The Requestor (SV-B Owners LLC), nor any of its corporate members, have any relationship with the former owners and operators. Additional information is provided below.

Prior to January 12, 2018, the Site was comprised of twenty-one Tax Lots (Tax Lots 22, 23, 25, 28, 29, 31, 33, 35, 37, 38, 39, 40, 41, 42, 43, 45, 46, 48, 50, 121, and 122). An application for Apportionments or Mergers was submitted to the New York City Department of Finance (NYCDOF) on November 27, 2017 requesting the twenty-one aforementioned Tax Lots be merged into a single Tax Lot. The application was approved, and the New York City Tax Map was updated on January 12, 2018 to reflect the change.

FORMER OWNERS' INFORMATION

Lot 22 (1673 Madison Avenue and 55 East 111th Street)

<u>Period</u>	<u>Owner</u>	<u>Address</u>	<u>Phone</u>	<u>Relationship to Requestor</u>
7/31/1985 - Present	The City of New York	c/o New York City NYCHPD 100 Gold Street, 9th Floor New York, NY 10038	212-863-6300	None
12/26/1947 – 7/31/1985	1673 Madison Ave. Corp.	1673 Madison Avenue New York, NY 10029	Unknown	None
Unknown – 12/26/1947	Albert L. Levy and Maurice L. Sindeband	148 East 27 th Street New York, NY 10016 340 East 72 nd Street New York, NY 10021	Unknown	None

Lot 23 (57-61 East 111th Street)

<u>Period</u>	<u>Owner</u>	<u>Address</u>	<u>Phone</u>	<u>Relationship to Requestor</u>
4/25/1977 – Present	The City of New York	c/o NYCHPD 100 Gold Street, 9th Floor New York, NY 10038	212-863-6300	None
11/11/1975 – 4/25/1977	Juan Torres	173 East 109 th Street #1 New York, NY 10029	Unknown	None
12/16/1957 – 11/11/1975	Yorktown Realty Corp.	1285 Pelham Parkway N. Bronx, NY 10469	Unknown	None

Lot 25 (63-67 East 111th Street)

<u>Period</u>	<u>Owner</u>	<u>Address</u>	<u>Phone</u>	<u>Relationship to Requestor</u>
4/25/1977 - Present	The City of New York	c/o NYCHPD 100 Gold Street, 9th Floor New York, NY 10038	212-863-6300	None
11/11/1975 – 4/25/1977	Juan Torres	173 East 109 th Street #1 New York, NY 10029	Unknown	None
6/30/1947 – 11/11/1975	Paradise Realty Corp.	1285 Pelham Parkway N.	Unknown	None

Appendix E – Previous Property Owners and Operators

Sendero Verde Redevelopment Project – Parcel B, New York, NY

BCP Application – Section VI

		Bronx, NY 10469	
--	--	-----------------	--

Lot 28 (69-73 East 111th Street)

<u>Period</u>	<u>Owner</u>	<u>Address</u>	<u>Phone</u>	<u>Relationship to Requestor</u>
4/25/1977 – Present	The City of New York	c/o NYCHPD 100 Gold Street, 9th Floor New York, NY 10038	212-863-6300	None
11/11/1975 – 4/25/1977	Juan Torres	173 East 109 th Street #1 New York, NY 10029	Unknown	None
5/20/1966 – 11/11/1975	69 East Realty Corp.	1285 Pelham Parkway N. Bronx, NY 10469	Unknown	None
1/10/1957 – 5/20/1966	24 East Realty Corporation	1285 Pelham Parkway N. Bronx, NY 10469	Unknown	None

Lot 29 (75-79 East 111th Street)

<u>Period</u>	<u>Owner</u>	<u>Address</u>	<u>Phone</u>	<u>Relationship to Requestor</u>
5/25/1978 – Present	The City of New York	c/o NYCHPD 100 Gold Street, 9th Floor New York, NY 10038	212-863-6300	None
2/21/1967 – 5/25/1978	Victor Kason	72-19 Vleigh Place Flushing, NY 11369	Unknown	None
2/20/1967 – 2/21/1967	Monimike Realty Corp.	72-19 Vleigh Place Flushing, NY 11369	Unknown	None
1/25/1967 – 2/20/1967	Helen L. Shire	136 Lawrence Place New Rochelle, NY 10801	Unknown	None
Unknown – 1/25/1967	R Management Corporation	1776 Broadway New York, NY 10019	Unknown	None

Lot 31 (83-85 East 111th Street)

<u>Period</u>	<u>Owner</u>	<u>Address</u>	<u>Phone</u>	<u>Relationship to Requestor</u>
6/12/1972 – Present	The City of New York	c/o NYCHPD 100 Gold Street, 9th Floor New York, NY 10038	212-863-6300	None
2/15/1938 – 6/12/1972	Alexander Corporation	1792 Lexington Avenue New York, NY 10029	Unknown	None
Unknown – 2/15/1938	Gertrude K. Curram	83 East 111 th Street New York, NY 10029	Unknown	None

Lot 33 (87-89 East 111th Street)

<u>Period</u>	<u>Owner</u>	<u>Address</u>	<u>Phone</u>	<u>Relationship to Requestor</u>
6/12/1972 – Present	The City of New York	c/o NYCHPD 100 Gold Street, 9th Floor New York, NY 10038	212-863-6300	None
4/21/1964 – 6/12/1972	Axander Corporation	1100 Grand Concourse Bronx, NY 10456	Unknown	None

Appendix E – Previous Property Owners and Operators

Sendero Verde Redevelopment Project – Parcel B, New York, NY

BCP Application – Section VI

Unknown – 4/21/1964	Arsango Corporation	1100 Grand Concourse Bronx, NY 10456	Unknown	None
---------------------	---------------------	---	---------	------

Lot 35 (95 East 111th Street and 1540-1542 Madison Avenue)

<u>Period</u>	<u>Owner</u>	<u>Address</u>	<u>Phone</u>	<u>Relationship to Requestor</u>
12/2/1974 - Present	The City of New York	c/o NYCHPD 100 Gold Street, 9th Floor New York, NY 10038	212-863-6300	None
1/2/1969 – 12/2/1974	1540 Park Avenue Corp.	5107 18 th Avenue Brooklyn, NY 11204	Unknown	None
Unknown – 1/2/1969	Bertha Pollack, Isaac Pollack, Fannie Richter, Judy Levy & Benjamin Abrams	5107 18 th Avenue Brooklyn, NY 11204 2250 83 rd Street Brooklyn, NY 11214 1489 Shore Parkway Brooklyn, NY 11214 373 Avenue S Brooklyn, NY 11223 2281 East 27 th Street Brooklyn, NY 11229	Unknown	None

Lot 37 (1546 Park Avenue)

<u>Period</u>	<u>Owner</u>	<u>Address</u>	<u>Phone</u>	<u>Relationship to Requestor</u>
12/12/1991 - Present	The City of New York	c/o NYCHPD 100 Gold Street, 9th Floor New York, NY 10038	212-863-6300	None
2/18/1986 – 12/12/1991	Sky-Gen Investors I, LP	44 Cooper Square New York, NY 10003	Unknown	None
6/3/1977 – 2/18/1986	Luisa Morfesis	c/o Marquies & Wind 981 Bergen Avenue Jersey City, NJ 07306	Unknown	None
4/28/1976 – 6/3/1977	The City of New York	City Hall New York, NY 10007	212-639-9675	None
9/8/1972 – 4/28/1976	Dario Prieto	229 Cornelia Street Brooklyn, NY 11221	Unknown	None
Unknown – 9/8/1972	Henson Realty Corp.	598 East 96 th Street Brooklyn, NY 11236	Unknown	None

Lot 38 (74 East 112th Street and 1548-1550 Madison Avenue)

<u>Period</u>	<u>Owner</u>	<u>Address</u>	<u>Phone</u>	<u>Relationship to Requestor</u>
12/12/1973 - Present	The City of New York	c/o NYCHPD 100 Gold Street, 9th Floor New York, NY 10038	212-863-6300	None
2/18/1986 – 12/12/1991	<u>Sidney Weitz</u>	76 East 104 th Street New York, NY 10029	Unknown	None
6/3/1977 – 2/18/1986	<u>Ruth Weitz</u>	76 East 104 th Street New York, NY 10029	Unknown	None
4/28/1976 – 6/3/1977	Sid's Realty Co. Inc.	1116 Manor Avenue Bronx, NY 10472	Unknown	None

Appendix E – Previous Property Owners and Operators

Sendero Verde Redevelopment Project – Parcel B, New York, NY

BCP Application – Section VI

9/8/1972 – 4/28/1976	Ruth Weitz	1116 Manor Avenue Bronx, NY 10472	Unknown	None
Unknown – 9/8/1972	Gertrude Josephine Nembach	308 East 79 th Street New York, NY 10075	Unknown	None

Lot 39 (72 East 112th Street)

<u>Period</u>	<u>Owner</u>	<u>Address</u>	<u>Phone</u>	<u>Relationship to Requestor</u>
8/11/1970 – Present	The City of New York	c/o NYCHPD 100 Gold Street, 9th Floor New York, NY 10038	212-863-6300	None
7/1/1966 – 8/11/1970	HUB Contracting Corp.	406 East 149 th Street Bronx, NY 10455	Unknown	None
Unknown – 7/1/1966	Nisson Trading Corp.	1757 Madison Avenue New York, NY 10029	Unknown	None

Lot 40 (70 East 112th Street)

<u>Period</u>	<u>Owner</u>	<u>Address</u>	<u>Phone</u>	<u>Relationship to Requestor</u>
8/11/1970 – Present	The City of New York	c/o NYCHPD 100 Gold Street, 9th Floor New York, NY 10038	212-863-6300	None
7/1/1966 – 8/11/1970	HUB Contracting Corp.	406 East 149 th Street Bronx, NY 10455	Unknown	None
Unknown – 7/1/1966	Nisson Trading Corp.	1757 Madison Avenue New York, NY 10029	Unknown	None

Lot 41 (68 East 112th Street)

<u>Period</u>	<u>Owner</u>	<u>Address</u>	<u>Phone</u>	<u>Relationship to Requestor</u>
8/11/1970 – Present	The City of New York	c/o NYCHPD 100 Gold Street, 9th Floor New York, NY 10038	212-863-6300	None
12/2/1965 – 8/11/1970	Emilio Gomez	75 LaSalle Street New York, NY 10027	Unknown	None
Unknown – 12/2/1965	Nisson Trading Corp.	1757 Madison Avenue New York, NY 10029	Unknown	None

Lot 42 (64-66 East 112th Street)

<u>Period</u>	<u>Owner</u>	<u>Address</u>	<u>Phone</u>	<u>Relationship to Requestor</u>
6/12/1972 – Present	The City of New York	c/o NYCHPD 100 Gold Street, 9th Floor New York, NY 10038	212-863-6300	None
11/30/1965 – 6/12/1972	Emilio Gomez	75 LaSalle Street New York, NY 10027	Unknown	None
12/30/1958 – 11/30/1965	Moshe Holdings Incorporated	1757 Madison Avenue New York, NY 10029	Unknown	None
Unknown – 12/30/1958	Janlos Holdings Corp.	365 West End Avenue New York, NY 10024	Unknown	None

Lot 43 (62 East 112th Street)

Appendix E – Previous Property Owners and Operators

Sendero Verde Redevelopment Project – Parcel B, New York, NY

BCP Application – Section VI

<u>Period</u>	<u>Owner</u>	<u>Address</u>	<u>Phone</u>	<u>Relationship to Requestor</u>
6/12/1972 – Present	The City of New York	c/o NYCHPD 100 Gold Street, 9th Floor New York, NY 10038	212-863-6300	None
8/22/1951 – 6/12/1972	Malden Estates, Inc.	c/o Joseph I. Weichbrod Esq. 261 Broadway New York, NY 10007	Unknown	None
Unknown – 8/22/1951	Esther Karger	1718 Grand Avenue Bronx, NY 10453	Unknown	None

Lot 45 (56-60 East 112th Street)

<u>Period</u>	<u>Owner</u>	<u>Address</u>	<u>Phone</u>	<u>Relationship to Requestor</u>
6/12/1972 – Present	The City of New York	c/o NYCHPD 100 Gold Street, 9th Floor New York, NY 10038	212-863-6300	None
1/7/1964 – 6/12/1972	Julas Properties Corp.	1526 45 th Street Brooklyn, NY 11219	Unknown	None
Unknown – 1/7/1964	Agoz Matok Realty Corp.	186 Wilson Street Brooklyn, NY 11237	Unknown	None

Lot 46 (50-54 East 112th Street)

<u>Period</u>	<u>Owner</u>	<u>Address</u>	<u>Phone</u>	<u>Relationship to Requestor</u>
6/12/1972 – Present	The City of New York	c/o NYCHPD 100 Gold Street, 9th Floor New York, NY 10038	212-863-6300	None
8/22/1951 – 6/12/1972	Malden Estates, Inc.	c/o Joseph I. Weichbrod Esq. 261 Broadway New York, NY 10007	Unknown	None
Unknown – 8/22/1951	Eskar Realty Corporation	c/o Dulon & Roe, Esqs. 41 Park Row New York, NY 10038	Unknown	None

Lot 48 (46-48 East 112th Street)

<u>Period</u>	<u>Owner</u>	<u>Address</u>	<u>Phone</u>	<u>Relationship to Requestor</u>
5/25/1978 – Present	The City of New York	c/o NYCHPD 100 Gold Street, 9th Floor New York, NY 10038	212-863-6300	None
8/1/1963 – 5/25/1978	Victor Kason	39-40 Greenpoint Ave. Long Island City, NY 11104	Unknown	None
1/2/1962 – 8/1/1963	Ismor Realty Corp.	77 Java Street Brooklyn, NY 11222	Unknown	None
7/27/1961 – 1/2/1962	Randal Holden	8 Bayard Street Larchmont, NY 10538	Unknown	None
4/9/1961 – 7/27/1961	Chopsy Realty Corporation	1242 Second Avenue New York, NY 10065	Unknown	None
11/1/1960 – 4/9/1961	Saherb Realty Corp.	48 East 105 th Street New York, NY 10029	Unknown	None
1/18/1960 – 11/1/1960	46 East 112 th Street, Inc.	198 Broadway New York, NY 10038	Unknown	None

Appendix E – Previous Property Owners and Operators

Sendero Verde Redevelopment Project – Parcel B, New York, NY

BCP Application – Section VI

Unknown – 1/18/1960	Herbert S. Wolfe	Unknown	Unknown	None
---------------------	------------------	---------	---------	------

Lot 50 (40-42 East 112th Street)

<u>Period</u>	<u>Owner</u>	<u>Address</u>	<u>Phone</u>	<u>Relationship to Requestor</u>
5/25/1978 – Present	The City of New York	c/o NYCHPD 100 Gold Street, 9th Floor New York, NY 10038	212-863-6300	None
5/12/1965 – 5/25/1978	Manron Realty Corp.	105-18 63 rd Avenue Flushing, NY 11375	Unknown	None
Unknown – 5/12/1965	Enson Realty Corp.	2112 Broadway New York, NY 10023	Unknown	None

Lot 121 (1677 Madison Avenue)

<u>Period</u>	<u>Owner</u>	<u>Address</u>	<u>Phone</u>	<u>Relationship to Requestor</u>
4/25/1977 – Present	The City of New York	c/o NYCHPD 100 Gold Street, 9th Floor New York, NY 10038	212-863-6300	None
9/27/1971 – 4/25/1977	Jose Rivera	556 West 185 th Street New York, NY 10033	Unknown	None
5/31/1966 – 9/27/1971	Ana Ramirez	1677 Madison Avenue New York, NY 10029	Unknown	None
Unknown – 5/31/1966	Mogene Holding Corp.	107 East 89 th Street New York, NY 10128	Unknown	None

Lot 122 (1675 Madison Avenue)

<u>Period</u>	<u>Owner</u>	<u>Address</u>	<u>Phone</u>	<u>Relationship to Requestor</u>
5/25/1978 – Present	The City of New York	c/o NYCHPD 100 Gold Street, 9th Floor New York, NY 10038	212-863-6300	None
1/5/1976 – 5/25/1978	Ruby Moody	1641 Madison Avenue New York, NY 10029	Unknown	None
2/6/1969 – 1/5/1976	David Bienstock	1675 Madison Avenue New York, NY 10029	Unknown	None
Unknown – 2/6/1969	Abraham Chertcoff (deceased)	Unknown	Unknown	None

Appendix E – Previous Property Owners and Operators

Sendero Verde Redevelopment Project – Parcel B, New York, NY
BCP Application – Section VI

FORMER OPERATORS' INFORMATION

As per a November 14, 2018 discussion with Ms. Kelly Lewandowski of the New York State Department of Environmental Conservation, Operators are not considered residential tenants but rather commercial or industrial entities. As such, only commercial or industrial Operators are included below. NYCHPD is the past operator of all former lots on-Site since between 1970 and 1991 (date varies by former lot) to the present day. There is no relationship between the Requestor and HPD.

Lot 22 (1673 Madison Avenue and 55 East 111th Street)

Year	Operator	Source	Phone	Relationship to Requestor
1934	Lopez Manuel Sosa Tropical Products Syndicate	City Directory	Unknown	None
1938	Puerto Rican Independent Democrats	City Directory	Unknown	None
1950	Tony's Luncheonette	City Directory	Unknown	None
1956	Democratic Council for the Eighteenth Congressional District Inc	City Directory	Unknown	None
1958 - 1968	Jack Falit RL Est & Ins	City Directory	Unknown	None
1958 - 1968	J Sanchez Luncheonette	City Directory	Unknown	None
1979	Vac & Op – Operator name unknown	Sanborn Fire Insurance Maps	Unknown	None

Lot 23 (57-61 East 111th Street)

Year	Operator	Source	Phone	Relationship to Requestor
1942	Lending Trimming Co	City Directory	Unknown	None

Lot 25 (63-67 East 111th Street)

Year	Operator	Source	Phone	Relationship to Requestor
1911-1979	63-67 East 111 th Street	Chinese Laundry – Operator name unknown	Sanborn Fire Insurance Maps	None
1920	Chechek Harry Metropolitan Cork Co	City Directory	Unknown	None
1920	Kalvin Saml W Augusta Ribbon Co	City Directory	Unknown	None
1927	Weisberger Benj Btchr	City Directory	Unknown	None
1934	London & London Food Products	City Directory	Unknown	None
1958	Local Used Furn	City Directory	Unknown	None
1968 - 1973	Botanical Garden	City Directory	Unknown	None

Appendix E – Previous Property Owners and Operators

Sendero Verde Redevelopment Project – Parcel B, New York, NY
BCP Application – Section VI

Lot 28 (69-73 East 111th Street)

Year	Operator	Source	Phone	Relationship to Requestor
1920	Berkowitz Alfred Madison Bargain Store	City Directory	Unknown	None
1920-1923	Berestitzky Barnet Harlem Biscuit Exchange	City Directory	Unknown	None
1920	Kooks Peter Investigator	City Directory	Unknown	None
1920	Schultz Julius Carp	City Directory	Unknown	None
1927	Benowich L Confctr Supp	City Directory	Unknown	None
1927	Chertcoff A Lthr & Fndngs	City Directory	Unknown	None
1923 - 1968	Globe Confectionary Supply Co	City Directory	Unknown	None
1938	Alpine Brand Fountain Supl Co	City Directory	Unknown	None
1920-1942	Olshinsky M Tinsmith Roofg	City Directory	Unknown	None
1947	Castrodad Furn Store	City Directory	Unknown	None
1958-1968	Naval Shipyard Review	City Directory	Unknown	None

Lot 29 (75-79 East 111th Street)

Year	Operator	Source	Phone	Relationship to Requestor
1920	Schapiro Max Shapiro Schneider & Katz	City Directory	Unknown	None
1920	Gold Chas Paperhgr	City Directory	Unknown	None
1920-1923	Cohen Moses c/o Campbell Metzger & Jacobs	City Directory	Unknown	None
1934	Zuckerbrau Hyman Ruth Whol Underwear	City Directory	Unknown	None
1950	Mitchell Johnny Antiqs	City Directory	Unknown	None
1963	Indiano Botanical Gardens	City Directory	Unknown	None

Lot 31 (83-85 East 111th Street)

Year	Operator	Source	Phone	Relationship to Requestor
1920	Cohen Benj Police	City Directory	Unknown	None

Appendix E – Previous Property Owners and Operators

Sendero Verde Redevelopment Project – Parcel B, New York, NY
BCP Application – Section VI

1920	Cohen Benj Pres House of Souvenirs	City Directory	Unknown	None
1920	Seldin Hyman Agt NY Life Ins Co	City Directory	Unknown	None
1927	Amster Morris Butcher	City Directory	Unknown	None
1927	Farber A Statnry	City Directory	Unknown	None
1938	Lefko J Miss Statnry	City Directory	Unknown	None
1947	Little Thelma Hair Co	City Directory	Unknown	None
1947	Beceril A Statnry	City Directory	Unknown	None
1947-1963	Sanchez Arthur Grocry Butchr	City Directory	Unknown	None
1950-1958	Gonzalez J Statnry	City Directory	Unknown	None

Lot 33 (87-89 East 111th Street)

Year	Operator	Source	Phone	Relationship to Requestor
1920	Kaplan Robt Perfect Button Works	City Directory	Unknown	None
1923	Shapiro Adolph Pntr	City Directory	Unknown	None
1947-1950	Camacho John Notary	City Directory	Unknown	None
1947-1950	Jonas Drugs Co	City Directory	Unknown	None
1958	Puerto Rico Restrnt	City Directory	Unknown	None

Lot 35 (95 East 111th Street and 1540-1542 Park Avenue)

Year	Operator	Source	Phone	Relationship to Requestor
1947-1950	Camacho John Notary	City Directory	Unknown	None
1939-1969	Drugs Store – Operator name unknown	Sanborn Fire Insurance Maps	Unknown	None
1947-1950	Jonas Drugs Co	City Directory	Unknown	None
1958	Puerto Rico Restrnt	City Directory	Unknown	None
Unknown – 2018	Chenchita's Ground Garden	Site Reconnaissance	Unknown	None

Lot 37 (1546 Park Avenue)

Year	Operator	Source	Phone	Relationship to Requestor
1920	Kaufman Bertha Dry Gds	City Directory	Unknown	None
1920	Hirsch Brandel Shoes	City Directory	Unknown	None

Appendix E – Previous Property Owners and Operators

Sendero Verde Redevelopment Project – Parcel B, New York, NY

BCP Application – Section VI

1923	Sternberg Aron Baker	City Directory	Unknown	None
1934	Koenig Sam S Dairy	City Directory	Unknown	None
1934	Ruchman Alton Malt and Hops	City Directory	Unknown	None
Unknown – 2018	Chenchita's Ground Garden	Site Reconnaissance	Unknown	None

Lot 38 (74 East 112th Street and 1548-1550 Park Avenue)

Year	Operator	Source	Phone	Relationship to Requestor
1920	Stamler Saml Pres Oak Laundry Inc H Lynbrook NY	City Directory	Unknown	None
1927	Resnick H Statnry	City Directory	Unknown	None
1927-1934	Herman Jacob Ladies Tailr	City Directory	Unknown	None
1934	Joskowitz Jacob Fannie Meats	City Directory	Unknown	None
1947-1950	Jonas Drugs Co	City Directory	Unknown	None
1958	Puerto Rico Restmnt	City Directory	Unknown	None
Unknown – 2018	Chenchita's Ground Garden	Site Reconnaissance	Unknown	None

Lot 39 (72 East 112th Street)

Year	Operator	Source	Phone	Relationship to Requestor
1920-1931	White Wm A Pntr Dep Hosp	City Directory	Unknown	None
1927	Kull Max Dairy Products	City Directory	Unknown	None
1938	Braunstein W Statnry	City Directory	Unknown	None
1942	Applebaum G Statnry	City Directory	Unknown	None
1956	Nat & Geo Luncheonette	City Directory	Unknown	None
1958	Goldman & Sons Clthn	City Directory	Unknown	None
1960	Luncheonette	City Directory	Unknown	None

Appendix E – Previous Property Owners and Operators

Sendero Verde Redevelopment Project – Parcel B, New York, NY
BCP Application – Section VI

Lot 40 (70 East 112th Street)

Year	Operator	Source	Phone	Relationship to Requestor
1920-1931	Pepe Vincent Prod	City Directory	Unknown	None
1950-1968	Gordon Sam Remnants	City Directory	Unknown	None

Lot 41 (68 East 112th Street)

Year	Operator	Source	Phone	Relationship to Requestor
1920	Feinstein Saml Fruits	City Directory	Unknown	None
1920	Feinstein Saml Pres Union Broach Co	City Directory	Unknown	None
1920	Oberman Hyman Furrier	City Directory	Unknown	None
1923	Krals Novelty Shoe Co	City Directory	Unknown	None

Lot 42 (64-66 East 112th Street)

Year	Operator	Source	Phone	Relationship to Requestor
1920	Cohen David Prosser	City Directory	Unknown	None

Lot 43 (62 East 112th Street)

Year	Operator	Source	Phone	Relationship to Requestor
1920	Cohen Sigmund Harlem Cruller & Doughnut Bakery Inc	City Directory	Unknown	None
1920	Berkowitz Hyman Pntr	City Directory	Unknown	None

Lot 45 (56-60 East 112th Street)

Year	Operator	Source	Phone	Relationship to Requestor
1920	Schlachan Harry Kay Ess Button Mould Co Inc	City Directory	Unknown	None
1920	Siskind Isidore Moving	City Directory	Unknown	None
1923	Duboff Sal Home Hand Laundry	City Directory	Unknown	None
1934	Schweitzer Issac Jennie Shoe Repair	City Directory	Unknown	None

Appendix E – Previous Property Owners and Operators

Sendero Verde Redevelopment Project – Parcel B, New York, NY

BCP Application – Section VI

1934	Eminott Marin Sten Pub Co	City Directory	Unknown	None
1938	Parada Cipriano Hndkrchfs	City Directory	Unknown	None
1950-1958	La Perla Tailor Shop	City Directory	Unknown	None
1958	Pittarls Radio Lab	City Directory	Unknown	None
1963	Bonet Jose Grocry	City Directory	Unknown	None
1968	Continentl Tailors & Cleaners	City Directory	Unknown	None

Lot 46 (50-54 East 112th Street)

Year	Operator	Source	Phone	Relationship to Requestor
1920	Hebrew National Lunch & Deli Co	City Directory	Unknown	None
1920	Gold Isidor Hebrew Natl Lunch & Deli Co	City Directory	Unknown	None
1920	Weinberg Benj Metalworker	City Directory	Unknown	None
1927-1931	Stein Daniel Engr Bd Transp	City Directory	Unknown	None
1968	Vac & Op – Operator name unknown	Sanborn Fire Insurance Maps	Unknown	None

Lot 48 (46-48 East 112th Street)

None

Lot 50 (40-42 East 112th Street)

Year	Operator	Source	Phone	Relationship to Requestor
1920-1923	Nazers Embroderly Wks	City Directory	Unknown	None
1920	Lifschitz Morris Royal Button Co	City Directory	Unknown	None
1920	Goluboff Wm Agent NY Life Ins Co	City Directory	Unknown	None
1923	Oriental Soda Water Mfg Co	City Directory	Unknown	None
1934	Rodriguez Sabas Aareline Barber	City Directory	Unknown	None

Appendix E – Previous Property Owners and Operators

Sendero Verde Redevelopment Project – Parcel B, New York, NY

BCP Application – Section VI

Lot 121 (1677 Madison Avenue)

Year	Operator	Source	Phone	Relationship to Requestor
1911-1968	Paints Store – Operator name unknown	Sanborn Fire Insurance Maps	Unknown	None
Unknown – 2018	Mission Garden, Villa Santurce and Villa Santurce Jardinera	Site Reconnaissance	Unknown	None

Lot 122 (1675 Madison Avenue)

Year	Operator	Source	Phone	Relationship to Requestor
1939-1951	Paints Store – Operator name unknown	Sanborn Fire Insurance Maps	Unknown	None
Unknown – 2018	Mission Garden, Villa Santurce and Villa Santurce Jardinera	Site Reconnaissance	Unknown	None

Brownfield Cleanup Program Application
Sendero Verde Redevelopment Project – Parcel B, New York, New York

APPENDIX F

Volunteer Statement

Appendix F – Volunteer Statement

Sendero Verde Redevelopment Project – Parcel B, New York, NY
BCP Application – Section VII

SV-B Owners LLC (the Requestor) intends to redevelop the Site into a mixed-use affordable housing development.

The current Site owner, the City of New York c/o New York City Department of Housing Preservation and Development, has taken reasonable and appropriate steps to prevent human exposure to the known contamination by constructing perimeter fencing to restrict access. There are no open spill numbers or enforcement actions pending and the Site is not currently in any environmental program. No storage tanks are known to have been present at the Site, and there are no ongoing operations so there is no threat of a potential future release.

The Requestor does not own the Site and has performed a Phase I Environmental Site Assessment that satisfied the “all appropriate inquiries” requirements of 40 CFR 312. Moreover, the Requestor does not have any affiliation with any responsible party. The Requestor’s liability would arise solely as a result of its ownership or involvement with the redevelopment of the Site subsequent to the disposal of hazardous substances and contaminants. As such, the Requestor qualifies as a Volunteer as defined in ECL 27-1405(1)(b).

Brownfield Cleanup Program Application
Sendero Verde Redevelopment Project – Parcel B, New York, New York

APPENDIX G

Proof of Site Access

November 21, 2018

Kelly A. Lewandowski, P.E. Site
Control Section
New York State Department of Environmental Conservation
650 Broadway 11th Fl.
Albany, NY 12233

RE: Proof of Site Access
Block 1617, Lot 20
Borough of the Manhattan

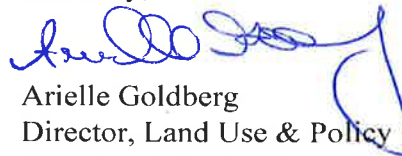
Dear Ms. Lewandowski,

I am writing in regard to SV-B Owners LLC's application to the Brownfield Cleanup Program ("BCP"). SV-B Owners LLC ("Applicant") and its contractors will have access to the above referenced lot also known as part of the Sendero Verde Redevelopment Project Parcel B (the "Development Site") as described in this letter.

The Development Site is currently owned by the City of New York (the "City"). The City, acting by and through its Department of Housing Preservation and Development ("HPD") has authorized SV-B Owners LLC to apply for funding to develop the Site, and is working with the team toward a closing of project financing and the commencement of remediation and construction. In accordance with a license agreement between SV-B Owners LLC and the City, HPD will provide access to the Development Site to complete investigation activities required by the New York State Department of Environmental Conservation under the BCP prior to the City's conveyance of the site and the commencement of remediation and construction.

Please accept this letter to serve as **proof of site access**. If you have any further questions, please feel free to contact the HPD Director of Manhattan Planning, Veanda Simmons at 212-863-6520

Sincerely,


Arielle Goldberg
Director, Land Use & Policy
Planning & Predevelopment



Brownfield Cleanup Program Application
Sendero Verde Redevelopment Project – Parcel B, New York, New York

APPENDIX H

Site Contact List

Appendix H - Site Contact List

Sendero Verde Redevelopment Project – Parcel B, New York, NY
BCP Application – Section IX

i. Local and State Officials

Hon. Charles Schumer
United States Senate
780 Third Avenue, Suite 2301
New York, NY 10017

Hon. Kirsten E Gillibrand
United States Senate
780 Third Avenue, Suite 2601
New York, NY 10017

Brian A. Benjamin
NYS Senator District 30
163 West 125th Street Harlem State Office
Building, Suite 912
New York, NY 10027
Phone: 212-222-7315

Robert J. Rodriguez
New York State Assembly District 68
55 East 115th Street
New York, NY 10029
Phone: 212-828-3953

Mayor Bill de Blasio
City Hall
New York, NY 10007-1200

Hon. Scott Stringer
NYC Comptroller
1 Centre Street
New York NY 10007
Phone: 212-669-3916

Hon. Letitia James
Public Advocate
1 Centre Street
New York NY 10007
Phone: 212-669-7250

Commissioner Marisa Lago
NYC Department of City Planning
120 Broadway, 31st Floor
New York, NY 10271

Commissioner Vincent Sapienza
NYC Department of Environmental Protection
59-17 Junction Blvd.
Flushing, NY 11373

Mark McIntyre, Esq.
Director/General Counsel
NYC Office of Environmental Remediation
100 Gold Street - 2nd Floor
New York, NY 10038
Email: dwalsh@cityhall.nyc.gov

Office of Environmental Planning and
Assessment
NYCDEP
96-05 Horace Harding Expressway
Flushing, NY 11373

Borough President Gale Brewer
431 West 125th Street
New York, NY 10027
Phone: (212) 669-8300
Email: info@manhattanbp.nyc.gov

Adanna Roberts
NYSDEC Public Participation Specialist
47-40 21st Street
Long Island City, NY 11101

Larry Ennist
NYSDEC
625 Broadway
Albany, NY 12233

NYSDOH Public Health Specialist
Empire State Plaza
Corning Tower, Room 1787
Albany, NY 11237

Adriano Espaillat
US House of Representatives
163 West 125th Street, #508
New York, NY 10027
Phone: 212-663-3900

Manhattan Community Board 11
Chair: Nilsa Orama
1664 Park Avenue, Ground Floor
New York, NY 10035
Phone: 212-831-8929
Email: chair@cb11m.org

Manhattan Community Board 11
District Manager: Angel D. Mescaín
1664 Park Avenue, Ground Floor
New York, NY 10035
Phone: 212-831-8929
Email: amescain@cb11m.org

Diana Ayala
District 8 Council Member
105 East 116th Street
New York, NY 10029
Phone: 212-828-9800
Email: dayala@council.nyc.gov

Appendix H - Site Contact List

Sendero Verde Redevelopment Project – Parcel B, New York, NY
BCP Application – Section IX

ii. Current Site Owner

City of New York
c/o NYCHPD
100 Gold Street, 9th Floor
New York, NY 10038

iii. Current Owners and Occupants of the Subject Site and Adjacent Sites

Subject Site

City of New York
c/o NYCHPD
100 Gold Street, 9th Floor
New York, NY 10038

Block 1617 Lot 120

City of New York
c/o NYCHPD
100 Gold Street, 9th Floor
New York, NY 10038

Block 1617 Lot 21

Avent Caribe LLC
131 Lancaster Street
Albany, NY 11210

Block 1617 Lot 34

HIC, LLC
131 Lancaster Street
Albany, NY 11210

Block 1616 Lot 1

BSREP UA Heritage LLC
c/o Brookfield Property Group
Brookfield Place 250 Vesey Street
New York, NY 10281

Block 1616 Lot 49

Unknown

Block 1616 Lot 39

CRP 88 East 11th LLC
c/o Castellan Real Estate Partners, 1841
Broadway, Suite 400
New York, NY 10023

Block 1616 Lot 36

1516 Park Avenue Partners LLC
271 Madison Avenue, Floor 22
New York, NY 10016

Block 1639 Lot 1

Unknown

Block 1620 Lot 23 & 40

NYCHA
250 Broadway
New York, NY 10007

Block 1618 Lot 1

NYCHA
250 Broadway
New York, NY 10007

Block 1617 Lot 7R

Nerve Los Tres Housing Development Fund
Corporation
18 East 116th Street, Suite 2R
New York, NY 10029

Block 1616 Lot 50

Madison Rising LLC
277 Newkirk
Brooklyn, NY 11234

Block 1616 Lot 141

86111 LLC
133 East 110th Street, Suite 9
New York, NY 10029

Block 1616 Lot 38

1516 Park Avenue Partners LLC
271 Madison Avenue, Floor 22
New York, NY 10016

Block 1638 Lot 1

Casita Park Housing Development Fund
Corporation
c/o SFDS Development Corporation
135 East 96th Street
New York, NY 10029

iv. Religious Authorities

Greater Highway Deliverance Church
132 East 111th Street
New York, NY 10029

Christ Apostolic Church
160 East 112th Street
New York, NY 10029

Appendix H - Site Contact List

Sendero Verde Redevelopment Project – Parcel B, New York, NY
BCP Application – Section IX

First Spanish United Methodist Church
163 East 111th Street
New York, NY 10029

Bethel Christian Temple
7 West 110th Street
New York, NY 10026

Community Pentecostal Church
128 East 112th Street
New York, NY 10029

La Hermosa Christian Church
Duke Ellington Circle
New York, NY 10026

Upper Madison Ave Methodist
1975 Madison Avenue
New York, NY 10035

Hope Community Inc
174 East 104th Street
New York, NY 10029

Church of St. Edward the Martyr
14 East 109th Street
New York, NY 10029

v. Parks and Recreation

NYC Parks and Recreation
1 East 104th Street
New York, NY 10029

vi. Day Cares and Schools

Administration
Northside Center Day School
1309 5th Avenue
New York, NY 10029

Administration
Success Academy Harlem East
141 East 111th Street
New York, NY 10029

Administration
Harbor Science and Arts Charter School
132/142 East 111th Street
New York, NY 10029

Administration
Harlem Academy
1330 5th Avenue
New York, NY 10026

Administration
Harlem Link Charter School
21 West 111th Street
New York, NY 10026

Administration
Sunshine Daycare Learning Center
1330 5th Avenue
New York, NY 10026

Administration
Alain Locke (PS 208)
21 West 111th Street
New York, NY 10026

Administration
East Harlem Council Human Services
Bilingual Head Start Program
30 West 111th Street
New York, NY 10026

Administration
East Calvary Nursery School
1 West 112th Street
New York, NY 10026

Administration
Mosaic Preparatory Academy (PS 375)
141 East 111th Street
New York, NY 10029

Administration
PSMS 108 School of Authors
3513 and 1615 Madison Avenue
New York, NY 10029

Administration
AB Sea Group Family Day Care
22 East 112th Street, #605
New York, NY 10029

Administration
Diversity Child Care Providers
1964 Madison Avenue, 19A
New York, NY 10029

Administration
Taft Day Care
1726 Madison Avenue
New York, NY 10029

Appendix H - Site Contact List

Sendero Verde Redevelopment Project – Parcel B, New York, NY
BCP Application – Section IX

Administration
Kendricks Day Care
123 East 110th Street
New York, NY 10029

Administration
PS 101 Manhattan
141 East 111th Street
New York, NY 10029

Administration
East Calvary Nursery School
1 West 112th Street
New York, NY 10026

Administration
10 Public Middle School
1615 Madison Avenue
New York, NY 10029

vii. Local Water Supply

New York City
Department of Environmental Protection
59-27 Junction Boulevard
Flushing, NY 11373

viii. Local News and Media

New York Post
1211 Avenue of Americas
New York, New York 10036-8790
Phone: 212-930-8000

New York 1 News
Chelsea Market
75 9th Avenue
New York, NY 10011

La Voz Hispana
159 East 116th Street
New York, NY 10029
Phone: 212-348-2100

Amsterdam News
2340 Frederick Douglass Boulevard
New York, NY 10029
Phone: 212-932-7400

ix. Local Community Board

Manhattan Community Board 11
1664 Park Avenue
New York, New York 10035
Phone: 212-831-8929

x. Any Person, Community Based Organization, BOA Group, or Local Media Who Has Requested to be Placed on the Contact List

No persons have requested to be on the Site Contact List.

xi. Document Repository

Aguilar Public Library
174 East 110th Street
New York, NY 10029

Manhattan Community Board 11
1664 Park Avenue, Ground Floor
New York, NY 10035
Chair: Nilsa Orama
District Manager: Angel D. Mescaín

See attached documentation confirming acceptance as document repositories in Appendix H.

David Bligh

From: Ashley Gonzalez <ashleygonzalez@nypl.org>
Sent: Wednesday, November 21, 2018 8:36 AM
To: David Bligh
Subject: Re: Document Repository Request

H!

Go ahead and use us as the repository.

Ashley

On Tue, Nov 20, 2018 at 12:19 PM Ashley Gonzalez <ashleygonzalez@nypl.org> wrote:
I will do. I am still waiting to hear back from my supervisor regarding this.

Ashley

On Tue, Nov 20, 2018 at 12:18 PM David Bligh <dbligh@rouxinc.com> wrote:

Hello Ms. Gonzalez,

I wanted to follow up with you regarding my request for the Aguilar Branch of the NYPL to be a document repository. I understand the phones are currently not operational at the library. Please don't hesitate to contact me via phone or email with any questions.

Thank you,

David T. Bligh, P.E. – NY | Senior Environmental Engineer

209 Shafter Street, Islandia, NY 11749

Main: 631.232.2600 | Direct: 631.630.2357 | Mobile: 631.379.2281

Email: dbligh@rouxinc.com | Website: www.rouxinc.com

 Please consider the environment before printing this email.

NOTICE: This electronic communication, including any authorized attachments, contains information that may be legally privileged, protected, confidential and/or exempt from disclosure or certain types of use under applicable law. This information is for the sole use of the intended recipient(s). If you are not the intended recipient(s) or the employee or agent responsible for delivery of this message to the intended recipient(s), you are hereby notified that any review, use, disclosure, copying, distribution or the taking of any action in reliance on the contents of this e-mail or any attachments is strictly prohibited. You are further advised that

review by an individual other than the intended recipient(s) shall not constitute a waiver of any attorney-client privilege which may apply to this communication. If you have received this communication in error, please notify the sender immediately by return e-mail, permanently delete this e-mail and any attachments from all computers on which they may be stored and destroy any print-outs of this email and any attachments.

From: David Bligh
Sent: Thursday, November 15, 2018 8:13 AM
To: 'ashleygonzalez@nypl.org' <ashleygonzalez@nypl.org>
Subject: Document Repository Request

Ms. Gonzalez,

Thank you for taking my call. As discussed, I was calling regarding the use of the Aguilar Branch of the New York Public Library as the document repository for our project. Can you please let me know if that will be possible?

I work for Roux, an environmental consulting firm, and am working for the future owner and developer of a property located at 60 East 112th Street and 75 East 111th Street (i.e. a portion of the property bounded by East 112th Street, Park Avenue, East 111th Street and Madison Avenue). An application is being prepared to enter the site into the New York State Department of Environmental Conservation's (NYSDEC) Brownfields Cleanup Program (BCP). One of the requirements of the program is that a document repository be established for our reports. This is done as part of the mandated Community Participation Plan which is a component of every BCP project in the state and libraries are typically used as repositories.

Please don't hesitate to contact me with any questions.

Thank you,

David T. Bligh, P.E. – NY | Senior Environmental Engineer
209 Shafter Street, Islandia, NY 11749
Main: 631.232.2600 | Direct: 631.630.2357 | Mobile: 631.379.2281
Email: dbligh@rouxinc.com | Website: www.rouxinc.com

 Please consider the environment before printing this email.

NOTICE: This electronic communication, including any authorized attachments, contains information that may be legally privileged, protected, confidential and/or exempt from disclosure or certain types of use under applicable law. This information is for the sole use of the intended recipient(s). If you are not the intended recipient(s) or the employee or agent responsible for delivery of this message to the intended recipient(s), you are hereby notified that any review, use, disclosure, copying, distribution or the taking of any action in reliance on the contents of this e-mail or any attachments is strictly prohibited. You are further advised that review by an individual other than the intended recipient(s) shall not constitute a waiver of any attorney-client privilege which may apply to this communication. If you have received this communication in error, please notify the sender immediately by return e-mail, permanently delete this e-mail and any attachments from all computers on which they may be stored and destroy any print-outs of this email and any attachments.

--

Ashley Gonzalez | The New York Public Library

Library Manager

Aguilar Library

174 East 110th Street, New York, NY 10029

T 212.534.2930 | F: 212.860.4580 | ashleygonzalez@nypl.org



Inspiring Lifelong Learning | Advancing Knowledge | Strengthening Our Communities

--

Ashley Gonzalez | The New York Public Library

Library Manager

Aguilar Library

174 East 110th Street, New York, NY 10029

T 212.534.2930 | F: 212.860.4580 | ashleygonzalez@nypl.org



David Bligh

From: Thomas Herrera <therrera@cb11m.org>
Sent: Monday, November 26, 2018 2:50 PM
To: David Bligh
Cc: Angel Mescaín
Subject: Re: Document Repository Request

Hello, David.

Thanks for reaching out. Please accept this as our confirmation that we will serve as the document repository for the project.

Please reach out to me if you have any questions or concerns.

On Thu, Nov 15, 2018 at 8:23 AM David Bligh <dbligh@rouxinc.com> wrote:

Mr. Herrera:

Thank you for taking my call. As discussed, I was calling regarding the use of the Community Board 11 as the document repository for our project. Can you please let me know if that will be possible?

I work for Roux, an environmental consulting firm, and am working for the future owner and developer of a property located at 60 East 112th Street and 75 East 111th Street (i.e. a portion of the property bounded by East 112th Street, Park Avenue, East 111th Street and Madison Avenue). An application is being prepared to enter the site into the New York State Department of Environmental Conservation's (NYSDEC) Brownfields Cleanup Program (BCP). One of the requirements of the program is that a document repository be established for our reports. This is done as part of the mandated Citizen Participation Plan (CPP) which is a component of every BCP project in the state and community boards are typically used as repositories.

Also, can you please recommend what language public notices should be translated to? Lastly, in addition to the Daily News are there any other local publications that you'd recommend future public notices be published in?

Please don't hesitate to contact me with any questions.

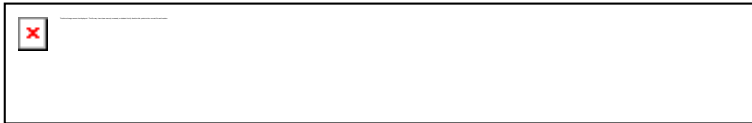
Thank you,

David T. Bligh, P.E. – NY | Senior Environmental Engineer

209 Shafter Street, Islandia, NY 11749

Main: 631.232.2600 | Direct: 631.630.2357 | Mobile: 631.379.2281

Email: dbligh@rouxinc.com | Website: www.rouxinc.com



 Please consider the environment before printing this email.

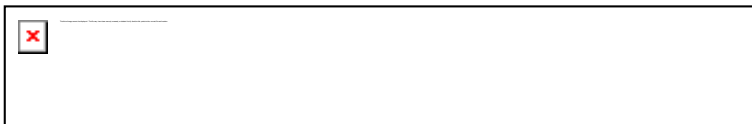
NOTICE: This electronic communication, including any authorized attachments, contains information that may be legally privileged, protected, confidential and/or exempt from disclosure or certain types of use under applicable law. This information is for the sole use of the intended recipient(s). If you are not the intended recipient(s) or the employee or agent responsible for delivery of this message to the intended recipient(s), you are hereby notified that any review, use, disclosure, copying, distribution or the taking of any action in reliance on the contents of this e-mail or any attachments is strictly prohibited. You are further advised that review by an individual other than the intended recipient(s) shall not constitute a waiver of any attorney-client privilege which may apply to this communication. If you have received this communication in error, please notify the sender immediately by return e-mail, permanently delete this e-mail and any attachments from all computers on which they may be stored and destroy any print-outs of this email and any attachments.

David T. Bligh, P.E. – NY | Senior Environmental Engineer

209 Shafter Street, Islandia, NY 11749

Main: 631.232.2600 | Direct: 631.630.2357 | Mobile: 631.379.2281

Email: dbligh@rouxinc.com | Website: www.rouxinc.com



 Please consider the environment before printing this email.

NOTICE: This electronic communication, including any authorized attachments, contains information that may be legally privileged, protected, confidential and/or exempt from disclosure or certain types of use under applicable law. This information is for the sole use of the intended recipient(s). If you are not the intended recipient(s) or the employee or agent responsible for delivery of this message to the intended recipient(s), you are hereby notified that any review, use, disclosure, copying, distribution or the taking of any action in reliance on the contents of this e-mail or any attachments is strictly prohibited. You are further advised that review by an individual other than the intended recipient(s) shall not constitute a waiver of any attorney-client privilege which may apply to this communication. If you have received this communication in error, please notify the sender immediately by return e-mail, permanently delete this e-mail and any attachments from all computers on which they may be stored and destroy any print-outs of this email and any attachments.

--
Best,

Thomas Herrera

Assistant District Manager
Manhattan Community Board 11

[1664 Park Avenue](#)
[New York, NY 10035](#)

[212-831-8929](#)

therrera@cb11m.org

www.cb11m.org

Brownfield Cleanup Program Application
Sendero Verde Redevelopment Project – Parcel B, New York, New York

PLATES

1. Summary of Soil Exceedances
2. Summary of Groundwater Exceedances
3. Summary of Soil Vapor Detections



SB-10	5/1/2018	5/1/2018
Depth (ft bls)	0 - 2	15 - 17
SVOC		
Benzo(A)Anthracene	1700	NE
Benzo(A)Pyrene	1500	ND
Benzo(B)Fluoranthene	2100	NE
Chrysene	1800	NE
Indeno(1,2,3-C,D)Pyrene	1200	NE
Metals		
Barium	677	NE
Copper	98.4	NE
Lead	405	NE
Mercury	0.367	ND
Zinc	626	NE
Pesticides		
Dieldrin	197	NE
P,P'-DDD	4.91 P	ND
P,P'-DDE	29.9	NE
P,P'-DDT	259	7.79

SB-3	4/30/2018	5/1/2018
Depth (ft bls)	0 - 2	17 - 19
Pesticides		
Dieldrin	20.2	ND
P,P'-DDE	66.4	ND
P,P'-DDT	128	ND

SB-5	4/30/2018	5/2/2018
Depth (ft bls)	0 - 2	18 - 20
SVOC		
Benzo(A)Anthracene	6000	ND
Benzo(A)Pyrene	6200	ND
Benzo(B)Fluoranthene	10000	ND
Benzo(K)Fluoranthene	2400	ND
Chrysene	7200	ND
Dibenz(A,H)Anthracene	1000	ND
Indeno(1,2,3-C,D)Pyrene	5100	ND
Metals		
Lead	319	NE
Mercury	0.288	ND
Zinc	265	NE
Pesticides		
Dieldrin	23.3	ND
P,P'-DDD	13.2 P	ND
P,P'-DDE	62.9 P	ND
P,P'-DDT	106	ND

SB-1	5/1/2018	5/2/2018
Depth (ft bls)	0 - 2	12 - 14
SVOC		
Benzo(A)Anthracene	3200	1800
Benzo(A)Pyrene	2800	2000
Benzo(B)Fluoranthene	4400	3000
Benzo(K)Fluoranthene	1300	1100
Chrysene	3400	2100
Dibenz(A,H)Anthracene	500	370
Indeno(1,2,3-C,D)Pyrene	2000	1800
Metals		
Barium	403	418
Copper	5060	NE
Lead	458	820
Mercury	0.259	0.302
Zinc	436	617
PCB		
Polychlorinated Biphenyl (PCBs)	355 J	132 J
Pesticides		
Dieldrin	33.3	146
P,P'-DDD	ND	12.5 P
P,P'-DDE	29.6	37.6
P,P'-DDT	235	307



SB-8	4/30/2018	5/3/2018
Depth (ft bls)	0 - 2	18 - 20
Pesticides		
Dieldrin	6.16	ND
P,P'-DDE	12	ND
P,P'-DDT	47.2	ND

SB-12	4/30/2018	5/4/2018
Depth (ft bls)	0 - 2	17 - 19
SVOC		
Benzo(A)Anthracene	1300	ND
Benzo(A)Pyrene	1200	ND
Benzo(B)Fluoranthene	1500	ND
Chrysene	1400	ND
Indeno(1,2,3-C,D)Pyrene	940	ND
Metals		
Lead	159	NE
Mercury	0.3	ND
Zinc	154	NE
PCB		
Polychlorinated Biphenyl (PCBs)	114 J	ND
Pesticides		
Dieldrin	19.5	ND
P,P'-DDD	35.1 P	ND
P,P'-DDE	93.8	ND
P,P'-DDT	124	ND

Parameter (Concentrations in mg/kg)	Standards*	Standards**
VOC	NE	NE
SVOC	ug/kg	ug/kg
Benzo(A)Anthracene	1000	1000
Benzo(A)Pyrene	1000	1000
Benzo(B)Fluoranthene	1000	1000
Benzo(K)Fluoranthene	800	3900
Chrysene	1000	3900
Dibenz(A,H)Anthracene	330	330
Indeno(1,2,3-C,D)Pyrene	500	500
Metals	mg/kg	mg/kg
Arsenic	13	16
Barium	350	400
Copper	50	270
Lead	63	400
Mercury	0.18	0.81
Zinc	109	10000
PCBs, Total	ug/kg	ug/kg
Polychlorinated Biphenyl (PCBs)	100	1000
Pesticides	ug/kg	ug/kg
cis-Chlordane	94	4200
Dieldrin	5	200
P,P'-DDD	3.3	13000
P,P'-DDE	3.3	8900
P,P'-DDT	3.3	7900

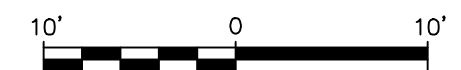
LEGEND

- SB-12 ● APPROXIMATE LOCATION AND DESIGNATION OF PHASE II ESA SOIL BORING
- SB-6 ● APPROXIMATE LOCATION AND DESIGNATION OF PHASE II ESA SOIL BORING AND SOIL VAPOR SAMPLE
- SB-11 ● APPROXIMATE LOCATION OF PHASE II ESA SOIL BORING AND GROUNDWATER GRAB SAMPLE
- SB-4 ● APPROXIMATE LOCATION OF PHASE II ESA SOIL BORING, GROUNDWATER GRAB SAMPLE AND SOIL VAPOR SAMPLE
- LOTS THAT ARE NOT PART OF THE SENDERO VERDE REDEVELOPMENT PROJECT - PARCEL B SITE
- BCP SITE BOUNDARY

SAMPLE DESIGNATION	SAMPLE DATE	
SB-3	4/30/2018	5/1/2018
Depth (ft bls)	0 - 2	17 - 19
Pesticides		
Dieldrin	20.2	ND
P,P'-DDE	66.4	ND
P,P'-DDT	128	ND
ANALYTE	CONCENTRATION	

RESULTS SHOWN IN BOLD TYPE EXCEED NYSDEC PART 375 UNRESTRICTED USE SOIL CLEANUP OBJECTIVES

RESULTS WITH GRAY BACKGROUND EXCEED NYSDEC PART 375 RESTRICTED RESIDENTIAL SOIL CLEANUP OBJECTIVES



- mg/kg - MILLIGRAMS PER KILOGRAM
- ug/kg - MICROGRAMS PER KILOGRAM
- * - NYSDEC PART 375 UNRESTRICTED USE SOIL CLEANUP OBJECTIVES
- ** - NYSDEC PART 375 RESTRICTED RESIDENTIAL SOIL CLEANUP OBJECTIVES
- NYSDEC - NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
- - NO NYSDEC PART 375 SOIL CLEANUP OBJECTIVES AVAILABLE
- J - ESTIMATED VALUE
- P - THE RPD BETWEEN THE RESULTS FOR THE TWO COLUMNS EXCEEDS THE METHOD-SPECIFIED CRITERIA
- I - THE LOWER VALUE FOR THE TWO COLUMNS HAS BEEN REPORTED DUE TO OBVIOUS INTERFERENCE
- RPD - RELATIVE PERCENT DIFFERENCE
- VOCs - VOLATILE ORGANIC COMPOUNDS
- SVOCs - SEMIVOLATILE ORGANIC COMPOUNDS
- PCBs - POLYCHLORINATED BIPHENYLS
- NE - NO EXCEEDANCE
- ND - NO DETECTION
- NA - NOT ANALYZED FOR BY LABORATORY
- FT BLS - FEET BELOW LAND SURFACE

SB-4	4/30/2018	5/1/2018
Depth (ft bls)	0 - 2	11 - 13
SVOC		
Benzo(A)Anthracene	2500	2100
Benzo(A)Pyrene	2300	1700
Benzo(B)Fluoranthene	2800	2400
Benzo(K)Fluoranthene	920	840
Chrysene	2200	1900
Indeno(1,2,3-C,D)Pyrene	1600	1200
Metals		
Barium	NE	439
Lead	178	79.4
Mercury	0.466	0.187
Zinc	225	293
PCB		
Polychlorinated Biphenyl (PCBs)	204 J	NE
Pesticides		
Dieldrin	15.4	95.8
P,P'-DDD	9.64	13.9
P,P'-DDE	27.5	68.7
P,P'-DDT	103	318

SB-6	4/30/2018	5/2/2018
Depth (ft bls)	0 - 2	17 - 19
SVOC		
Benzo(A)Anthracene	1400	ND
Benzo(A)Pyrene	1600	ND
Benzo(B)Fluoranthene	2300	ND
Chrysene	1500	ND
Dibenz(A,H)Anthracene	390	ND
Indeno(1,2,3-C,D)Pyrene	1600	ND
Metals		
Barium	564	NE
Lead	460	NE
Mercury	0.335	ND
Zinc	474	NE
Pesticides		
Dieldrin	33	ND
P,P'-DDD	16.2 P	ND
P,P'-DDE	45.5	ND
P,P'-DDT	152	ND

SB-7	4/30/2018	5/3/2018
Depth (ft bls)	0 - 2	11 - 13
Pesticides		
Dieldrin	14.6	NE
P,P'-DDD	7.07	NE
P,P'-DDE	30.5	NE
P,P'-DDT	42.9	3.4

SB-11	5/1/2018	5/4/2018
Depth (ft bls)	0 - 2	8 - 10
SVOC		
Indeno(1,2,3-C,D)Pyrene	540	560
Metals		
Arsenic	NE	29.5
Barium	NE	452
Copper	NE	50.3
Lead	165	250
Mercury	0.298	0.244
Zinc	274	777
Pesticides		
cis-Chlordane	NE	315 P
Dieldrin	ND	321
P,P'-DDD	ND	31.2
P,P'-DDE	4.23 JPI	471
P,P'-DDT	80.7	1670

Title: **SOIL EXCEEDANCES OF UNRESTRICTED AND RESTRICTED RESIDENTIAL USE SOIL CLEANUP OBJECTIVES**

SENDERO VERDE REDEVELOPMENT PROJECT - PARCEL B

Prepared for:

SV-B OWNERS LLC



Compiled by: D.B.	Date: 14NOV18	PLATE
Prepared by: G.M.	Scale: AS SHOWN	
Project Mgr: J.M.	Project: 2984.0003Y000	
File: 2984.0003Y100.01.DWG		



SB-10	05/02/2018	05/02/2018	05/02/2018
Sample Note			Filtered
Sample Fraction	Total	Dissolved	Total
VOC			
Chloroform	31	NA	NA
SVOC			
Benzo(A)Anthracene	0.35	NA	ND
Benzo(A)Pyrene	0.33	NA	ND
Benzo(B)Fluoranthene	0.48	NA	ND
Benzo(K)Fluoranthene	0.19	NA	ND
Chrysene	0.38	NA	ND
Indeno(1,2,3-C,D)Pyrene	0.21	NA	ND
METALS			
Iron	3580	ND	NA
Lead	74.15	NE	NA
Manganese	471.7	NE	NA
Sodium	58000	59200	NA
PEST			
Dieldrin	0.007 J	NA	0.008 J

SB-1	5/3/2018	5/3/2018	5/3/2018
Sample Note			Filtered
Sample Fraction	Total	Dissolved	Total
VOC			
Chloroform	39	NA	NA
METALS			
Antimony	7.46	NE	NA
Iron	3550	ND	NA
Lead	121.4	NE	NA
PEST			
Dieldrin	0.016 J	NA	0.01 J

Parameter	Standards* (µg/L)
VOC	
Chloroform	7
SVOC	
Benzo(A)Anthracene	0.002
Benzo(A)Pyrene	0
Benzo(B)Fluoranthene	0.002
Benzo(K)Fluoranthene	0.002
Bis(2-Ethylhexyl) Phthalate	5
Chrysene	0.002
Indeno(1,2,3-C,D)Pyrene	0.002
Metals	
Antimony	3
Barium	1000
Chromium, Total	50
Iron	300
Lead	25
Manganese	300
Mercury	0.7
Sodium	20000
PCBs	NE
Pesticides	
Chlordane	0.05
Dieldrin	0.004
P,P-DDT	0.2

CONCENTRATIONS IN µg/L

µg/L – MICROGRAMS PER LITER

* – NYSDEC AWQSGVS

NYSDEC – NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

AWQSGVS – AMBIENT WATER-QUALITY STANDARDS AND GUIDANCE VALUES CONSERVATION

– – NOT DETECTED ABOVE NYSDEC AWQSGV

J – ESTIMATED VALUE

VOCs – VOLATILE ORGANIC COMPOUNDS

SVOCs – SEMIVOLATILE ORGANIC COMPOUNDS

PCBs – POLYCHLORINATED BIPHENYLS

NE – NO EXCEEDANCE

ND – NO DETECTION

NA – NOT ANALYZED FOR BY LABORATORY



SB-5	5/2/2018	5/2/2018	5/2/2018
Sample Note			Filtered
Sample Fraction	Total	Dissolved	Total
VOC			
Chloroform	28	NA	NA
SVOC			
Benzo(A)Anthracene	0.94	NA	ND
Benzo(A)Pyrene	1.2	NA	ND
Benzo(B)Fluoranthene	2.2	NA	ND
Benzo(K)Fluoranthene	0.82	NA	ND
Chrysene	1.3	NA	ND
Indeno(1,2,3-C,D)Pyrene	0.81	NA	ND
METALS			
Antimony	7.75	NE	NA
Barium	2173	NE	NA
Iron	14200	ND	NA
Lead	1558	NE	NA
Manganese	1101	NE	NA
Mercury	0.92	ND	NA
Sodium	22600	23000	NA
PEST			
Chlordane	0.516	NA	ND
P,P-DDT	0.496	NA	NE

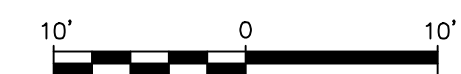
LEGEND

- SB-12 ● APPROXIMATE LOCATION AND DESIGNATION OF PHASE II ESA SOIL BORING
- SB-6 ● APPROXIMATE LOCATION AND DESIGNATION OF PHASE II ESA SOIL BORING AND SOIL VAPOR SAMPLE
- SB-11 ● APPROXIMATE LOCATION OF PHASE II ESA SOIL BORING AND GROUNDWATER GRAB SAMPLE
- SB-4 ● APPROXIMATE LOCATION OF PHASE II ESA SOIL BORING, GROUNDWATER GRAB SAMPLE AND SOIL VAPOR SAMPLE
- LOTS THAT ARE NOT PART OF THE SENDERO VERDE REDEVELOPMENT PROJECT – PARCEL B SITE
- BCP SITE BOUNDARY

SB-1	5/3/2018	5/3/2018	5/3/2018
Sample Note			Filtered
Sample Fraction	Total	Dissolved	Total
VOC			
Chloroform	39	NA	NA
METALS			
Antimony	7.46	NE	NA
Iron	3550	ND	NA
Lead	121.4	NE	NA
PEST			
Dieldrin	0.016 J	NA	0.01 J

SB-4	5/2/2018	5/2/2018	5/2/2018
Sample Note			Filtered
Sample Fraction	Total	Dissolved	Total
VOC			
Chloroform	30	NA	NA
SVOC			
Bis(2-Ethylhexyl) Phthalate	ND	NA	9.4
METALS			
Barium	3150	NE	NA
Chromium, Total	68.41	NE	NA
Iron	22200	ND	NA
Lead	285.7	NE	NA
Manganese	843.5	NE	NA
Sodium	NE	21000	NA
PEST			
Chlordane	0.074 J	NA	ND
Dieldrin	0.021 J	NA	0.022 J

SB-11	5/4/2018	5/4/2018	5/4/2018
Sample Note			Filtered
Sample Fraction	Total	Dissolved	Total
VOC			
Chloroform	29	NA	NA
SVOC			
Benzo(A)Anthracene	0.1	NA	ND
Benzo(A)Pyrene	0.1	NA	ND
Benzo(B)Fluoranthene	0.14	NA	ND
Benzo(K)Fluoranthene	0.06 J	NA	ND
Chrysene	0.11	NA	ND
Indeno(1,2,3-C,D)Pyrene	0.07 J	NA	ND
METALS			
Iron	4220	ND	NA
Lead	161.2	NE	NA
Manganese	479.4	NE	NA
PEST			
Chlordane	0.285	NA	ND
Dieldrin	0.021 J	NA	ND
P,P-DDT	0.409	NA	ND



Title: **GROUNDWATER SAMPLE EXCEEDANCES**

SENDERO VERDE REDEVELOPMENT PROJECT - PARCEL B

Prepared for: **SV-B OWNERS LLC**

ROUX	Compiled by: D.B.	Date: 14NOV18	PLATE 2
	Prepared by: G.M.	Scale: AS SHOWN	
	Project Mgr: J.M.	Project: 2984.0003Y000	
File: 2984.0003Y100.01.DWG			

