

**Stuyvesant VCD LLC
Brownfield Cleanup Program Application
River North II
8-20 Stuyvesant Place
Staten Island, New York 10301**



**Legal & Consulting Team:
Knauf Shaw LLP & Haley & Aldrich.
February 2026**

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5. Exhibit C – Brownfield Opportunity Area Map, Disadvantaged Communities Map, Environmental Justice Area Map, and En-Zone Map
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February 11, 2026

VIA ELECTRONIC MAIL

Site Control Section
Attn: Alexandra Servis
NYS Department of Environmental Conservation
Bureau of Technical Support
625 Broadway, 11th Floor
Albany, New York 12233-7020

**RE: Brownfield Cleanup Program Application – Second Submission
River North/River North II
C243045/C243047**

To Whom It May Concern:

On behalf of Stuyvesant VCD LLC, a revised Brownfield Cleanup Program (“BCP”) application, in response to a Letter of Incomplete Application received via email from the NYS Department of Environmental Conservation (the “Department”) on January 16, 2026, has been uploaded to Site Control Dropbox. Responses to each comment are provided below.

General Comments:

- In order for this application to be processed as both a major modification amendment and an application for a new site, the application must be submitted as an amendment. Please check the box on the cover page indicating that this application represents a major modification to an existing BCP site. The application and supporting documentation should clearly explain that Lot 100 is being removed from site C243045 and a new site is being created (C243047). The comments that follow are in line with this approach.

RESPONSE: On the cover page of the BCP Application Form for C243047, the box indicating that this is a major modification to an existing BCP Site has been checked “Yes” and the existing Site Number (C243045) has been entered. The application has been updated to address that Lot 100 is being removed from the Original BCP Site (C243045) and a new BCP Site (C243047) is being created.

Section I: Property Information

- On the cover page and Section I, provide the site name and number as “River North (C243045) and River North II (C243047)”, and in the accompanying narrative, indicate that Lot 100 will be removed from C243045 and become a standalone site called “River North II” (C243047).

RESPONSE: The cover page and Section I of the BCP Application Form have been updated as requested. Section I of the Support Narrative Document has been updated to explain that Lot 100 is to be removed from the Original BCP Site (C243045) and is to become its own BCP Site (C243047).

- For the street address and latitude and longitude of the center point of the site, please provide the information for both the proposed change to the existing site as well as the information for the proposed new site (e.g., for the address field, enter “178 & 194 Richmond Terrace (C243045) / 8-20 Stuyvesant Place (C243047)”.) If additional space is needed, please refer readers to the narrative and provide a separate sheet with the requested information.

RESPONSE: The “Address/Location” information included on the BCP Application Form has been updated as requested. The “Site Size (Acres)”, “Latitude” and “Longitude” information on the BCP Application Form have been revised to say, “See Support.” Section I of the Support Narrative Document has been updated to reflect the requested information for both the Original BCP Site (C243045) and the BCP Site (C243047).

- In the Parcel Information section, please list both of the parcels and note which will be included in which site.

RESPONSE: The “Parcel Address” and “Section/Block/Lot Acreage” information included on the BCP Application Form have been revised to include the information for the Original BCP Site (C243045) and the BCP Site (C243047).

- Please provide an updated Property Description Narrative for C243045 that reflects the removal of Lot 100.

RESPONSE: An additional response to Section I, Question 14. Property Description Narrative has been included in the Support Narrative Document for the revised Original BCP Site (C243047), excluding lot 100 and reflecting the lot merger of the remaining lots.

- Please include the lot merger information from the short-form amendment application as documentation of the merger of Lot 82 and Lot 92.

RESPONSE: Please see Exhibit B – Tax Lot Merger Information.

- Please provide a figure that shows the current site boundary of C243045 as well as the proposed site boundary for C243045 (removing Lot 100) and the proposed site boundary for C243047 (only Lot 100).

RESPONSE: Please see Exhibit B – Maps for C243045 are Original BCP Site Tax Map_Including Lot 100 and Revised Original BCP Site Tax Map_Merger_Not Lot 100; Map for C243047 is BCP Site Tax Map.

Section II: Project Description

- Item 4b: please provide the dates of any outside public or private funding source deadlines associated with the BCP site or both sites.

RESPONSE: The schedule has been updated.



Section VI: Property's Environmental History

- To support the major modification to C243045, please provide environmental data figures and tables to demonstrate the necessity for remediation on Lot 82.

RESPONSE: Please see Exhibit I – Original BCP Site – C243045 – Spider Maps and Data Tables, which document the contamination on the Lot 82 portion of the Original BCP Site.

Section VII: Requestor Information

- Please note in this section that Stuyvesant VCD LLC will be the requestor for only Lot 100 (C243047) and that Richmond SI Owner LLC will remain the only applicant for C243045.

RESPONSE: Section VII has been updated to note that Stuyvesant VCD LLC is the Requestor for the BCP Site (C243047) and Richmond SI Owner LLC will remain the sole Volunteer for the Original BCP Site (C243045).

Section XII: Site Contact List

- Please update the contact entry for the Mayor of NYC.

RESPONSE: Please see updated Exhibit L – Site Contact List.

Section XIII: Statement of Certification and Signatures

RESPONSE: A signature page for Richmond SI Owner LLC has been provided.

Sincerely,

KNAUF SHAW LLP

A handwritten signature in black ink that reads "Linda R. Shaw".

LINDA R. SHAW, ESQ.

Enclosure

cc: Scott Deyette, NYS DEC
Elliott Jackson, NYS DEC
Douglas MacNeal, NYS DEC
Jane O'Connell, NYS DEC
Madeline Warner, NYS DEC
Alali Tamuno, NYS DEC
Kelly Lewandowski, NYS DEC
Tom Eswein, Stuyvesant VCD LLC
Leon Hovsepian, Stuyvesant VCD LLC
James Bellew & Matthew Levy, Haley & Aldrich
Zachary Kadden, Richmond SI Owner LLC
Toni L. Finger, Esq., Herbert Smith Freehills and Kramer



SUBMITTAL INSTRUCTIONS:

- 1. Compile the application package in the following manner:
a. one file in non-fillable PDF which includes a Table of Contents, the application form, and supplemental information...
2. *OPTIONAL: Compress all files (PDFs) into one zipped/compressed folder
3. Submit the application to the Site Control Section either via NYSDEC dropbox or ground mail, as described below.

Please select only ONE submittal method – do NOT submit both via dropbox and ground mail.

VIA SITE CONTROL DROPBOX:

- Request an invitation to upload files to the Site Control submittal dropbox.
In the "Title" field, please include the following: "New BCP Application - Proposed Site Name".
After uploading files, an automated email will be sent to the submitter's email address with a link to verify the status of the submission.
Application packages submitted through third-party file transfer services will not be accepted.

VIA GROUND MAIL:

- Save the application file(s) and cover letter to an external storage device (e.g., thumb drive, flash drive). Do NOT include paper copies of the application or attachments.
Mail the external storage device to the following address:
Chief, Site Control Section
Division of Environmental Remediation
625 Broadway, 12th Floor
Albany, NY 12233-7015

Form with fields for SITE NAME, BCA amendment question, and revised submission question, each with Yes/No radio buttons.

See Response to Section I - Question 10



BROWNFIELD CLEANUP PROGRAM (BCP) APPLICATION FORM

BCP App Rev 17 – October 2025

SECTION I: Property Information					
PROPOSED SITE NAME River North (C243045) and River North II (C243047)					
ADDRESS/LOCATION 178 & 194 Richmond Terrace (C243045) and 8-20 Stuyvesant Place (C243047)					
CITY/TOWN Staten Island			ZIP CODE 10301		
MUNICIPALITY (LIST ALL IF MORE THAN ONE) New York, Staten Island, Richmond County					
COUNTY Richmond			SITE SIZE (ACRES) See Support		
LATITUDE		LONGITUDE			
See Support ° ' "		See Support ° ' "			
Provide tax map information for all tax parcels included within the proposed site boundary below. If a portion of any lot is to be included, 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 acreage column.					
ATTACH REQUIRED TAX MAPS PER THE APPLICATION INSTRUCTIONS.					
Parcel Address		Section	Block	Lot	Acreage
178 & 194 Richmond Terrace (C243045)		5	13	82	1.14
8-20 Stuyvesant Place (C243047)		5	13	100	0.905
1. Do the proposed site boundaries correspond to tax map metes and bounds? If no, please attach an accurate map of the proposed site including a metes and bounds description.				Y	N
				<input checked="" type="radio"/>	<input type="radio"/>
2. Is the required property map, provided in electronic format, included with the application? (Application will not be processed without a map)				Y	N
				<input checked="" type="radio"/>	<input type="radio"/>
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) If yes, identify census tract: <u>000700</u> Percentage of property in En-zone (check one): <input type="radio"/> 0% <input type="radio"/> 1-49% <input type="radio"/> 50-99% <input checked="" type="radio"/> 100%				Y	N
				<input checked="" type="radio"/>	<input type="radio"/>
4. Is the project located within a disadvantaged community? See application instructions for additional information.				Y	N
				<input checked="" type="radio"/>	<input type="radio"/>
5. Is the project located within a NYS Department of State (NYS DOS) Brownfield Opportunity Area (BOA)? See application instructions for additional information.				Y	N
				<input type="radio"/>	<input checked="" type="radio"/>
6. Is this application one of multiple applications for a large development project, where the development spans more than 25 acres (see additional criteria in application instructions)? If yes, identify names of properties and site numbers, if available, in related BCP applications: _____				Y	N
				<input type="radio"/>	<input checked="" type="radio"/>

SECTION I: Property Information (continued)		Y	N						
7. Is the contamination from groundwater or soil vapor solely emanating from property other than the site subject to the present application?		<input type="radio"/>	<input checked="" type="radio"/>						
8. 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? If yes, attach relevant supporting documentation.		<input type="radio"/>	<input checked="" type="radio"/>						
9. Are there any lands under water? If yes, these lands should be clearly delineated on the site map.		<input type="radio"/>	<input checked="" type="radio"/>						
10. Has the property been the subject of or included in a previous BCP application? If yes, please provide the DEC site number: C243045		<input checked="" type="radio"/>	<input type="radio"/>						
11. Is the site currently listed on the Registry of Inactive Hazardous Waste Disposal Sites (Class 2, 3, or 4) or identified as a Potential Site (Class P)? If yes, please provide the DEC site number: _____ Class: _____		<input type="radio"/>	<input checked="" type="radio"/>						
12. Are there any easements or existing rights-of-way that would preclude remediation in these areas? If yes, identify each here and attach appropriate information. <table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;"><u>Easement/Right-of-Way Holder</u></td> <td style="width: 40%;"><u>Description</u></td> </tr> <tr> <td> </td> <td> </td> </tr> </table>		<u>Easement/Right-of-Way Holder</u>	<u>Description</u>			<input type="radio"/>	<input checked="" type="radio"/>		
<u>Easement/Right-of-Way Holder</u>	<u>Description</u>								
13. List of permits issued by the DEC or USEPA relating to the proposed site (describe below or attach appropriate information): <table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;"><u>Type</u></td> <td style="width: 30%;"><u>Issuing Agency</u></td> <td style="width: 40%;"><u>Description</u></td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>		<u>Type</u>	<u>Issuing Agency</u>	<u>Description</u>				<input type="radio"/>	<input checked="" type="radio"/>
<u>Type</u>	<u>Issuing Agency</u>	<u>Description</u>							
14. Property Description and Environmental Assessment – please refer to the application instructions for the proper format of each narrative requested. Are the Property Description and Environmental Assessment narratives included in the prescribed format?		<input checked="" type="radio"/>	<input type="radio"/>						
Note: Questions 15 through 17 below pertain ONLY to proposed sites located within the five counties comprising New York City.									
15. Is the Requestor seeking a determination that the site is eligible for tangible property tax credits? If yes, Requestor must answer the Supplemental Questions for Sites Seeking Tangible Property Credits Located in New York City ONLY on pages 11-13 of this form.		Y	N						
		<input checked="" type="radio"/>	<input type="radio"/>						
16. Is the Requestor now, or will the Requestor in the future, seek a determination that the property is Upside Down?		<input type="radio"/>	<input checked="" type="radio"/>						
17. If you have answered YES to Question 16 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?		<input type="radio"/>	<input type="radio"/>						
NOTE: If a tangible property tax credit determination is not being requested at the time of application, 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 I are required prior to application approval, a new page, initialed by each Requestor, must be submitted with the application revisions.									
Initials of each Requestor: _____									

SECTION II: Project Description

1. The project will be starting at: Investigation Remediation

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

2. If a final RIR is included, does it meet the requirements in ECL Article 27-1415(2)?
 Yes No N/A

3. Have any draft work plans been submitted with the application (select all that apply)?
 RIWP RAWP IRM No

4a. Please provide a short description of the overall project development, including a complete project schedule with all key BCP program milestones through issuance of the Certificate of Completion. Include DEC/DOH review times in the schedule (best efforts to review documents within 45 days pursuant to 6 NYCRR Part 375-3.6(b)).
 Is this information attached? Yes No

4b. Please include in the project schedule the dates of any outside public or private funding source deadlines with the associated BCP milestones, e.g., NYC HPD or NYS HCR funding deadlines, or private funding interim milestones from loan documents, that depend on a particular BCP milestone such as a work plan or report approval, decision document issuance, etc.
 Is this information clearly identified in the BCP project schedule? Yes No N/A

Beginning January 1, 2024, all work plans and reports submitted for the BCP shall address Green and Sustainable Remediation (GSR) and DER-31 (see [DER-31, Green Remediation](#)). Work plans, reports and design documents will need to be certified in accordance with DER-31.

5. Please provide a description of how Green and Sustainable Remediation will be evaluated and incorporated throughout the remedial phases of the project including Remedial Investigation, Remedial Design/Remedial Action, and Site Management and reporting efforts.
 Is this information attached? Yes No

6. If the project is proposed to start at the remediation stage (Section 2, Item 1, above), a climate change screening or vulnerability assessment must have been completed. Is this attached?
 Yes No

SECTION III: Ecological Concerns

	Y	N
1. Are there fish, wildlife, or ecological resources within a 1/2-mile radius of the site?	<input checked="" type="radio"/>	<input type="radio"/>
2. Is there a potential path for contamination to potentially impact fish, wildlife or ecological resources?	<input type="radio"/>	<input checked="" type="radio"/>
3. Is/are there a/any Contaminant(s) of Ecological Concern?	<input type="radio"/>	<input checked="" type="radio"/>

If any of the conditions above exist, a Fish and Wildlife Resources Impact Analysis (FWRIA) Part I, as outlined in DER-10 Section 3.10.1, is required. The applicant may submit the FWRIA with the application or as part of the Remedial Investigation Report.

4. Is a Fish and Wildlife Resources Impact Analysis Part I included with this application?
 N/A

SECTION IV: Land Use Factors		
1. What is the property's current municipal zoning designation? <u>R7-3, C2-4 and SG</u>		
2. What uses are allowed by the property's current zoning (select all that apply)? Residential <input checked="" type="checkbox"/> Commercial <input checked="" type="checkbox"/> Industrial <input type="checkbox"/>		
3. Current use (select all that apply): Residential <input type="checkbox"/> Commercial <input type="checkbox"/> Industrial <input type="checkbox"/> Recreational <input type="checkbox"/> Vacant <input checked="" type="checkbox"/>		
4. Please provide 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 by which the site became vacant. Is this summary included with the application?	Y	N
	<input checked="" type="radio"/>	<input type="radio"/>
5. Reasonably anticipated post-remediation use (check all that apply): Residential <input checked="" type="checkbox"/> Commercial <input checked="" type="checkbox"/> Industrial <input type="checkbox"/> If residential, does it qualify as single-family housing? N/A <input type="radio"/>		
6. Please provide a statement detailing the specific proposed post-remediation use. Is this summary attached?	<input checked="" type="radio"/>	<input type="radio"/>
7. Is the proposed post-remediation use a renewable energy facility? See application instructions for additional information.	<input type="radio"/>	<input checked="" type="radio"/>
8. Do current and/or recent development patterns support the proposed use?	<input checked="" type="radio"/>	<input type="radio"/>
9. Is the proposed use consistent with applicable zoning laws/maps? Please provide a brief explanation. Include additional documentation if necessary.	<input checked="" type="radio"/>	<input type="radio"/>
10. Is the proposed use consistent with applicable comprehensive community master plans, local waterfront revitalization plans, or other adopted land use plans? Please provide a brief explanation. Include additional documentation if necessary.	<input checked="" type="radio"/>	<input type="radio"/>

SECTION V: Current and Historical Property Owner and Operator Information		
CURRENT OWNER Richmond SI Owner LLC		
CONTACT NAME Zachary Kadden		
ADDRESS 520 Madison Avenue, Suite 3501		
CITY New York	STATE NY	ZIP CODE 10022
PHONE (646) 747-2235	EMAIL zkadden@madisonrealtycapital.com	
OWNERSHIP START DATE 12/5/2018		
CURRENT OPERATOR Site is vacant		
CONTACT NAME		
ADDRESS		
CITY	STATE	ZIP CODE
PHONE	EMAIL	
OPERATION START DATE Vacant since 1970s		

SECTION VI: Property's Environmental History

All applications **must include** an Investigation Report (per ECL 27-1407(1)). The report must be sufficient to establish that contamination of environmental media exists on the site above applicable Standards, Criteria and Guidance (SCGs) based on the reasonably anticipated use of the site property and that the site requires remediation. To the extent that existing information/studies/reports are available to the requestor, please attach the following (**please submit information requested in this section in electronic format ONLY**):

- 1. Reports:** an example of an Investigation Report is a Phase II Environmental Site Assessment report prepared in accordance with the latest American Society for Testing and Materials standard ([ASTM E1903](#)). **Please submit a separate electronic copy of each report in Portable Document Format (PDF). Please do NOT submit paper copies of ANY supporting documents.**
- 2. SAMPLING DATA:** Indicate (by selecting the options below) known contaminants and the media which are known to have been affected. Data summary tables should be included as an attachment, with laboratory reports referenced and included.

CONTAMINANT CATEGORY	SOIL	GROUNDWATER	SOIL GAS
Petroleum	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Chlorinated Solvents	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other VOCs	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SVOCs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Metals	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pesticides	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PCBs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PFAS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1,4-dioxane	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other – indicated below	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

*Please describe other known contaminants and the media affected:

- For each impacted medium above, include a site drawing indicating:
 - Sample location
 - Date of sampling event
 - Key contaminants and concentration detected
 - For soil, highlight exceedances of reasonably anticipated use
 - For groundwater, highlight exceedances of 6 NYCRR part 703.5
 - For soil gas/soil vapor/indoor air, refer to the NYS Department of Health matrix and highlight exceedances that require mitigation

These drawings are to be representative of all data being relied upon to determine if the site requires remediation under the BCP. Drawings should be no larger than 11"x17" and should only be provided electronically. These drawings should be prepared in accordance with any guidance provided.

Are the required drawings included with this application?

YES NO

- Indicate Past Land Uses (check all that apply):

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

Other: Historic Fill

SECTION VII: Requestor Information							
NAME Stuyvesant VCD LLC							
ADDRESS C243047 - 141 W. 36th Street, 14th Floor							
CITY/TOWN New York		STATE NY	ZIP CODE 10018				
PHONE (212) 210-6388	EMAIL tom@verticalcd.com; leon@verticalcd.com						
1. Is the requestor authorized to conduct business in New York State (NYS)?			<table border="1"> <thead> <tr> <th>Y</th> <th>N</th> </tr> </thead> <tbody> <tr> <td><input checked="" type="radio"/></td> <td><input type="radio"/></td> </tr> </tbody> </table>	Y	N	<input checked="" type="radio"/>	<input type="radio"/>
Y	N						
<input checked="" type="radio"/>	<input type="radio"/>						
2. If the requestor is a Corporation, LLC, LLP or other entity requiring authorization from the NYS DOS 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 with this application to document that the requestor is authorized to conduct business in NYS. Is this attached?			<table border="1"> <thead> <tr> <th>Y</th> <th>N</th> </tr> </thead> <tbody> <tr> <td><input checked="" type="radio"/></td> <td><input type="radio"/></td> </tr> </tbody> </table>	Y	N	<input checked="" type="radio"/>	<input type="radio"/>
Y	N						
<input checked="" type="radio"/>	<input type="radio"/>						
3. If the requestor is an LLC, a list of the names of the members/owners is required on a separate attachment. Is this attached? N/A <input type="radio"/>			<table border="1"> <thead> <tr> <th>Y</th> <th>N</th> </tr> </thead> <tbody> <tr> <td><input checked="" type="radio"/></td> <td><input type="radio"/></td> </tr> </tbody> </table>	Y	N	<input checked="" type="radio"/>	<input type="radio"/>
Y	N						
<input checked="" type="radio"/>	<input type="radio"/>						
4. Individuals that will be certifying BCP documents, as well as their employers, must 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. Do all individuals that will be certifying documents meet these requirements? Documents that are not properly certified will not be approved under the BCP.			<table border="1"> <thead> <tr> <th>Y</th> <th>N</th> </tr> </thead> <tbody> <tr> <td><input checked="" type="radio"/></td> <td><input type="radio"/></td> </tr> </tbody> </table>	Y	N	<input checked="" type="radio"/>	<input type="radio"/>
Y	N						
<input checked="" type="radio"/>	<input type="radio"/>						

SECTION VIII: Requestor Contact Information			
REQUESTOR'S REPRESENTATIVE Tom Eswein and Leon Hovsepian III			
ADDRESS 141 W. 36th Street, Suite 14 South			
CITY New York		STATE NY	ZIP CODE 10018
PHONE (212) 210-6388	EMAIL tom@verticalcd.com; leon@verticalcd.com		
REQUESTOR'S CONSULTANT (CONTACT NAME) James Bellew & Matthew Levy			
COMPANY Haley & Aldrich			
ADDRESS 213 W. 35th Street, 7th Floor			
CITY New York		STATE NY	ZIP CODE 10001
PHONE (647) 277-5685	EMAIL jbellew@haleyaldrich.com; mlevy@haleyaldrich.com		
REQUESTOR'S ATTORNEY (CONTACT NAME) Linda R. Shaw, Esq.			
COMPANY Knauf Shaw LLP			
ADDRESS 2600 Innovation Square, 100 S. Clinton Avenue			
CITY Rochester		STATE NY	ZIP CODE 14604
PHONE (585) 546-8430	EMAIL lshaw@nyenvlaw.com		

SECTION IX: Program Fee		
Upon submission of an executed Brownfield Cleanup Agreement to the Department, the requestor is required to pay a non-refundable program fee of \$50,000. Requestors may apply for a fee waiver with supporting documentation.		
	Y	N
1. Is the requestor applying for a fee waiver?	<input checked="" type="radio"/>	<input type="radio"/>
2. If yes, appropriate documentation must be provided with the application. See application instructions for additional information.		
Is the appropriate documentation included with this application?	N/A <input type="radio"/>	<input checked="" type="radio"/> <input type="radio"/>

SECTION X: Requestor Eligibility		
If answering "yes" to any of the following questions, please provide appropriate explanation and/or documentation as an attachment.		
	Y	N
1. Are any enforcement actions pending against the requestor regarding this site?	<input type="radio"/>	<input checked="" type="radio"/>
2. Is the requestor subject to an existing order for the investigation, removal or remediation of contamination at the site?	<input type="radio"/>	<input checked="" type="radio"/>
3. Is the requestor subject to an outstanding claim by the Spill Fund for this site? Any questions regarding whether a party is subject to a spill claim should be discussed with the Spill Fund Administrator.	<input type="radio"/>	<input checked="" type="radio"/>
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 or regulation of the State or Federal government?	<input type="radio"/>	<input checked="" type="radio"/>
5. Has the requestor previously been denied entry to the BCP? If so, please provide the site name, address, assigned DEC site number, the reason for denial, and any other relevant information regarding the denied application.	<input type="radio"/>	<input checked="" type="radio"/>
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?	<input type="radio"/>	<input checked="" type="radio"/>
7. Has the requestor been convicted of a criminal offence (i) involving the handling, storing, treating, disposing or transporting of contaminants; or (ii) that involved 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?	<input type="radio"/>	<input checked="" type="radio"/>
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 a false statement in connection with any document or application submitted to DEC?	<input type="radio"/>	<input checked="" type="radio"/>
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?	<input type="radio"/>	<input checked="" type="radio"/>
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?	<input type="radio"/>	<input checked="" type="radio"/>
11. Are there any unregistered bulk storage tanks on-site which require registration?	<input type="radio"/>	<input checked="" type="radio"/>

SECTION X: Requestor Eligibility (continued)

12. The requestor must certify that he/she/they is/are either a participant or volunteer in accordance with ECL 27-1405(1) by checking one of the boxes below:

PARTICIPANT

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

VOLUNTEER

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

NOTE: By selecting this option, 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; and, (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.

13. If the requestor is a volunteer, is a statement describing why the requestor should be considered a volunteer attached?

Yes No N/A

14. Requestor relationship to the property (check one; if multiple applicants, check all that apply):

Previous Owner Current Owner Potential/Future Purchaser Other: _____

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

Is this proof attached? Yes No N/A

Note: A purchase contract or lease agreement does not suffice as proof of site access.

SECTION XI: Property Eligibility Information		
1. Is/was the property, or any portion of the property, listed on the National Priorities List? If yes, please provide additional information.	Y <input type="radio"/>	N <input checked="" type="radio"/>
2. Is/was the property, or any portion of the property, listed on the NYS Registry of Inactive Hazardous Waste Disposal Site pursuant to ECL 27-1305? If yes, please provide the DEC site number: _____ Class: _____	<input type="radio"/>	<input checked="" type="radio"/>
3. Is/was the property subject to a permit under ECL Article 27, Title 9, other than an Interim Status facility? If yes, please provide: Permit Type: _____ EPA ID Number: _____ Date Permit Issued: _____ Permit Expiration Date: _____	<input type="radio"/>	<input checked="" type="radio"/>
4. If the answer to question 2 or 3 above is YES, is the site owned by a volunteer as defined under ECL 27-1405(1)(b), or under contract to be transferred to a volunteer? If yes, attach any available information related to previous owners or operators of the facility or property and their financial viability, including any bankruptcy filings and corporate dissolution documents. <p style="text-align: right;">N/A <input type="radio"/></p>	<input type="radio"/>	<input checked="" type="radio"/>
5. Is the property subject to a cleanup order under Navigation Law Article 12 or ECL Article 17 Title 10? If yes, please provide the order number: _____	<input type="radio"/>	<input checked="" type="radio"/>
6. Is the property subject to a state or federal enforcement action related to hazardous waste or petroleum? If yes, please provide additional information as an attachment.	<input type="radio"/>	<input checked="" type="radio"/>

SECTION XII: Site Contact List
<p>To be considered complete, the application must include the Brownfield Site Contact List in accordance with <i>DER-23: Citizen Participation Handbook for Remedial Programs</i>. Please attach, at a minimum, the names and mailing addresses of the following:</p> <ul style="list-style-type: none"> • The chief executive officer and planning board chairperson of each county, city, town and village in which the property is located. • Residents, owners, and occupants of the property and adjacent properties. • Local news media from which the community typically obtains information. • The public water supplier which services the area in which the property is located. • Any person who has requested to be placed on the contact list. • The administrator of any school or day care facility located on or near the property. • The location of a document repository for the project (e.g., local library). If the site is located in a city with a population of one million or more, add the appropriate community board as an additional document repository. In addition, attach a copy of an acknowledgement from each repository indicating that it agrees to act as the document repository for the site. • For sites located in the five counties comprising New York City, the Director of the Mayor's Office of Environmental Remediation.

SECTION XIII: 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 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 Richmond SI Owner LLC (entity); that I am authorized by that entity to make this application and execute a Brownfield Cleanup Agreement (BCA) and all subsequent documents; that this application was prepared by me or under my supervision and direction. 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 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: 2/11/26 Signature: 

Print Name: David Speiser

PLEASE REFER TO THE APPLICATION COVER PAGE AND BCP APPLICATION INSTRUCTIONS FOR DETAILS OF PAPERLESS DIGITAL SUBMISSION REQUIREMENTS.

SECTION XIII: 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 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 a Member (title) of Stuyvesant VCD LLC (entity); that I am authorized by that entity to make this application and execute a Brownfield Cleanup Agreement (BCA) and all subsequent documents; that this application was prepared by me or under my supervision and direction. 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 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: 11/19/2025 Signature:  _____

Print Name: Peter Serpico _____

PLEASE REFER TO THE APPLICATION COVER PAGE AND BCP APPLICATION INSTRUCTIONS FOR DETAILS OF PAPERLESS DIGITAL SUBMISSION REQUIREMENTS.

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 17

Please respond to the questions below and provide additional information and/or documentation as required. <i>Please refer to the application instructions.</i>	Y	N
1. Is the property located in Bronx, Kings, New York, Queens or Richmond County?	<input checked="" type="radio"/>	<input type="radio"/>
2. Is the requestor seeking a determination that the site is eligible for the tangible property credit component of the brownfield redevelopment tax credit?	<input checked="" type="radio"/>	<input type="radio"/>
3. Is at least 50% of the site area located within an environmental zone pursuant to NYS Tax Law 21(b)(6)?	<input checked="" type="radio"/>	<input type="radio"/>
4. Is the property upside down or underutilized as defined below?		
Upside down	<input type="radio"/>	<input checked="" type="radio"/>
Underutilized	<input type="radio"/>	<input checked="" type="radio"/>

From ECL 27-1405(31):

“Upside down” shall mean a property where the projected and incurred cost of the investigation and remediation which is protective for the anticipated use of the property equals or exceeds seventy-five percent of its independent appraised value, as of the date of submission of the application for participation in the brownfield cleanup program, developed under the hypothetical condition that the property is not contaminated.

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

375-3.2:

- (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
 - (1) the proposed use is at least 75 percent for industrial uses; or
 - (2) at which:
 - (i) the proposed use is at least 75 percent for commercial or commercial and industrial uses;
 - (ii) the proposed development could not take place without substantial government assistance, as certified by the municipality in which the site is located; and
 - (iii) one or more of the following conditions exists, as certified by the applicant:
 - (a) property tax payments have been in arrears for at least five years immediately prior to the application;
 - (b) a building is presently condemned, or presently exhibits documented structural deficiencies, as certified by a professional engineer, which present a public health or safety hazard; or
 - (c) there are no structures.

“Substantial government assistance” shall mean a substantial loan, grant, land purchase subsidy, land purchase cost exemption or waiver, or tax credit, or some combination thereof, from a governmental entity.

FOR SITES SEEKING TANGIBLE PROPERTY CREDITS IN NEW YORK CITY ONLY (continued)

5. 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
- 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’ household’s 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 homeowners 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.

FOR SITES SEEKING TANGIBLE PROPERTY CREDITS IN NEW YORK CITY ONLY (continued)

6. Is the site a planned renewable energy facility site as defined below?

Yes – planned renewable energy facility site with documentation

Pending – planned renewable energy facility awaiting documentation

*Selecting this option will result in a “pending” status. The appropriate documentation 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.

No – not a planned renewable energy facility site

If yes, please provide any documentation available to demonstrate that the property is planned to be developed as a renewable energy facility site.

From ECL 27-1405(33) as of April 9, 2022:

“Renewable energy facility site” shall mean real property (a) this is used for a renewable energy system, as defined in section sixty-six-p of the public service law; or (b) any co-located system storing energy generated from such a renewable energy system prior to delivering it to the bulk transmission, sub-transmission, or distribution system.

From Public Service Law Article 4 Section 66-p as of April 23, 2021:

(b) “renewable energy systems” means systems that generate electricity or thermal energy through use of the following technologies: solar thermal, photovoltaics, on land and offshore wind, hydroelectric, geothermal electric, geothermal ground source heat, tidal energy, wave energy, ocean thermal, and fuel cells which do not utilize a fossil fuel resource in the process of generating electricity.

7. Is the site located within a disadvantaged community, within a designated Brownfield Opportunity Area, and plans to meet the conformance determinations pursuant to subdivision ten of section nine-hundred-seventy-r of the general municipal law?

Yes - *Selecting this option will result in a “pending” status, as a BOA conformance determination has not yet been made. Proof of conformance 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.

No

From ECL 75-0111 as of April 9, 2022:

(5) “Disadvantaged communities” means communities that bear the burdens of negative public health effects, environmental pollution, impacts of climate change, and possess certain socioeconomic criteria, or comprise high-concentrations of low- and moderate-income households, as identified pursuant to section 75-0111 of this article.

**BCP APPLICATION
SUPPORT
DOCUMENT**

Exhibit List

Exhibit A	BCP Site - Site Location Map, Base Map, and Street Map
Exhibit B	Original BCP Site Tax Map, Revised Original BCP Site Tax Map, BCP Site Tax Map and BCP Site Survey Map
Exhibit C	BCP Site - Brownfield Opportunity Area (“BOA”) Map, Disadvantage Communities Map (“DCM”), Environmental Justice (“EJ”) Map and En-Zone Map
Exhibit D	BCP Site Flood Map
Exhibit E	BCP Site Zoning Map
Exhibit F	BCP Site Previous and Current Owners and Operators List
Exhibit G	Deeds
Exhibit H	BCP Site Access Agreement
Exhibit I	BCP Site Spider Maps and Original BCP Site Spider Maps
Exhibit J	Stuyvesant VCD LLC NYS DOS Entity Information
Exhibit K	Stuyvesant VCD LLC Sole Member Resolution
Exhibit L	BCP Site Contact List
Exhibit M	BCP Site Repository Letters
Exhibit N	Stuyvesant VCD LLC Affidavit in Support of Fee Waiver

ENVIRONMENTAL REPORTS:

1. January 2014 Phase I Environmental Site Assessment Report prepared by Hydro Tech Environmental, Corp. for Richmond Liberty, LLC;
2. January 2014 Phase II Environmental Site Assessment Report prepared by Hydro Tech Environmental, Corp. for Richmond Liberty, LLC;
3. August 2018 Phase I Environmental Site Assessment Report prepared by Environmental Business Consultants for Madison Realty Capital;
4. May 2020 Limited Due Diligence Site Investigation Report prepared by Tenen Environmental for Richmond SI Owner LLC;
5. February 2021 Phase II Environmental Site Investigation Report prepared by Tenen Environmental for Richmond SI Owner LLC;
6. November 2022 Remedial Investigation Report prepared by Haley Aldrich for Richmond SI Owner LLC;
7. November 2022 Remedial Action Work Plan prepared by Haley Aldrich for Richmond SI Owner LLC;
8. October 2025 Phase I Environmental Site Assessment Report prepared by Haley Aldrich for Stuyvesant VCD LLC (C243047);
9. November 2025 Draft Remedial Action Work Plan prepared by Haley Aldrich for Stuyvesant VCD LLC (C243047); and

SECTION I – PROPERTY INFORMATION

The Site is located at the following address:

Parcel Address	Tax Parcel Identification No.	Acreage ¹
C243045 – Original BCP Site		
178 Richmond Terrace	5-13-82	1.14
C243047 – BCP Site		
8–20 Stuyvesant Place	5-13-100	0.905

The above-referenced properties are located in Staten Island, New York 10301. On July 22, 2021, Richmond SI Owner LLC entered into a Brownfield Cleanup Agreement (“BCA”) with the New York State Department of Environmental for a Brownfield Cleanup Program Site (“BCP”) site known as River North, Site No. C243045 (the “Original BCP Site”). The Original BCP Site included the properties known as 178 Richmond Terrace (5-13-82), 194 Richmond Terrace (5-13-92) and 8-20 Stuyvesant Place (5-13-100). 178 and 194 Richmond Terrace have been merged into a single lot known as 178 Richmond Terrace (5-13-82), please see Exhibit B – Lot Merger Information. The newly merged, single lot of 178 Richmond Terrace is being retained by the Original BCP Site; 8-20 Stuyvesant Place is being removed from the Original BCP Site and is being resubmitted into the Brownfield Cleanup Program as its own site, known as River North II, Site No. C243047 (“Site or BCP Site”). The latitude and longitude of the center point for each site is as follows:

Original BCP Site (C243045): Latitude 40° 38’ 46.9206” Longitude -74° 4’ 45.6384”

BCP Site (C243047): Latitude 40° 38’ 42.54” Longitude -74° 4’ 43.392”

1. Site Boundary and Tax Parcel Information

The BCP Site boundary and the Original BCP Site boundary correspond to the tax boundary. Please see Exhibit B – Original BCP Site Tax Map, Revised Original BCP Site Tax Map, BCP Site Tax Map and BCP Site Survey.

2. Property Map

The BCP Site Location Map, Base Map and Street Map are in Exhibit A. The Original BCP Site Tax Map, Revised Original BCP Site Tax Map, BCP Site Tax Map and BCP Site Survey

3-5. BOA, Disadvantaged Communities, EJ and En-Zone Designations

The Site BOA, Disadvantaged Communities, and En-Zone Maps are in Exhibit C. The Site is located in an EnZone. The Site is located in an En-Zone Type B, Census Tract 000700. The Site is not located in a BOA. The Site is located in a disadvantaged community area. According to the

¹ Acreages were determined using the New York City online zoning map and the October 2025 Phase I prepared by Haley Aldrich.

New York State Disadvantaged Communities Map, the Site is located on Census Tract 36085000700, which has an environmental burden higher than 89.95 % of Census Tracts statewide and a population vulnerability higher than 86.92 % percent of Census Tracts statewide.

6-11. Please refer to the BCP Application Form.

12. Easements and Existing Right of Ways

No Easements or Existing Right-of-Ways are located on the Site.

13. Please refer to BCP Application Form.

14. Property Description and Environmental Assessment – BCP Site (C243047)

A. Site Location

The Site is located at the following address:

Parcel Address	Tax Parcel Identification No.
8-20 Stuyvesant Place	5-13-100

The Site located in an urban area of the borough of Staten Island, New York 10301. The Site is located northwest of the intersection of Stuyvesant Place and Hamilton Avenue. The closest body of water to the Site is the Lower New York Harbor, which is approximately 0.15 miles from the Site. The Site is not located in a flood zone. See Exhibit D – BCP Site Flood Map.

B. Site Features

The Site is currently vacant, and it has been vacant since the 1970s.

C. Current Zoning and Land Use

The Site is currently located in the R7-3 and C2-4 Districts. See Exhibit E - Zoning Map. This District allows for residential and commercial use. The Site is currently vacant. The surrounding properties are primarily residential and commercial. The nearest residential area is directly adjacent to and west of the Site.

D. Past Use of the Site

The Site was historically used for residential purposes until the 1970s when all of the on-Site structures were demolished. The Site has been undeveloped/vacant since the 1970s. Filling activities following these demolitions are the likely cause of on-Site contamination. The historical owners and operators associated with the Site are further described below and in Exhibit F - Previous and Current Owners and Operators List.

E. Site Geology and Hydrogeology

According to the USGS 7.5-minute series topographic map for the Jersey City, NJ-NY Quadrangle the Site's elevation ranges from approximately 90 feet above mean sea level ("amsl") along the Site's western edge to 45 feet amsl along the eastern edge.

According to the State Soil Geographic Database, the soil at the Site is identified as Urban Land with a variable surface texture. These soils are mainly loamy sand and silt loam. Soils deeper underground are very gravelly, loamy sand, unweathered bedrock, and stratified sandy loam.

The Site's geology, based on the USGS Ground Water Atlas of the United States, is within the New England Physiographic Province, underlain by metamorphic and sedimentary rocks of the Cambrian and Ordovician period. The bedrock underlying much of area is known as the Manhattan schists, a formation of mica schist rock that is particularly well suited for the foundations of tall structures.

Based upon surface elevations, depth to groundwater at the Site was estimated to range from approximately 35 to 36 feet belowground surface ("bgs"). The groundwater flow direction in the Site's general vicinity is toward the east-northeast in the direction of the Lower New York Harbor.

F. Environmental Assessment – BCP Site (C243047)

In soil, metals were detected in exceedance of the Restricted Residential Soil Cleanup Objective (RRSCOs) including nickel, detected at a maximum of 1,880 mg/kg.

In soil vapor, VOCs were detected within all 7 samples collected from the Site including acetone at a maximum of 2,310 µg/m³.

Please see Exhibit I – BCP Site Spider Maps (C243047).

14. REVISED Property Description and Environmental Assessment – Original BCP Site (C243045) - WITHOUT LOT 100

A. Original BCP Site Location

The Original BCP Site is located at the following address:

Parcel Address	Tax Parcel Identification No.
178 & 194 Richmond Terrace	5-13-82

The Original BCP Site located in an urban area of the borough of Staten Island, New York 10301. The Original BCP Site is located northwest of the intersection of Stuyvesant Place and Richmond Terrace. The closest body of water to the Site is the Lower New York Harbor, which is approximately 0.11 miles from the Original BCP Site. The Original BCP Site is not located in a flood zone.

B. Original BCP Site Features

The Original BCP Site is currently vacant, heavily vegetated and contains remnants of building foundations associated with prior unfinished construction on the northern portion of the property. The building foundations were constructed in 2006.

C. Current Zoning and Land Use

The Original BCP Site is currently zoned R7-3 and C2-4 and is within the Special St George District (SG). This zoning allows for residential and commercial use. The Original BCP Site is currently vacant. The surrounding properties are primarily residential and commercial. The nearest residential area is directly adjacent to and west of the Site.

The SG was created to support a pedestrian-friendly business and residence district for the waterfront community, adjacent to the Staten Island Ferry, that has historically been a neighborhood dominated by commercial development. The SG contains rules requiring continuous ground floor commercial uses, with large windows and wider sidewalks along designated street. To preserve views of areas upland to the waterfront, tower configuration is regulated. Vacant office buildings can now be more easily converted to residential use. The SG also contains parking and landscaping provisions intended to provide an enjoyable pedestrian experience within the neighborhood.

D. Past Use of the Original BCP Site

The Original BCP Site was developed sometime prior to 1898 with four (4) two-story residential homes. The use remained residential until at least 1937, when one of the buildings located on the Original BCP Site was identified as a club. After 1937, the buildings were used for both residential and commercial. By 1977, only one residential house was remaining on the Original BCP Site, the remaining land was undeveloped. The remaining residence was demolished sometime between 2005-2006. The entire Original BCP Site has been vacant since 2006.

E. Site Geology and Hydrogeology

The Site is underlain by a layer of fill material consisting of light to dark brown silty sand and fine to medium sand with varying amounts of gravel, brick, concrete, glass, metal, and trace organic material. Fill was observed at variable depths throughout the Site, extending to a maximum depth of 10 ft below surface grade. Light brown to red to yellow brown silty sand and fine to medium sand with varying amounts of silt, gravel, and intermittent clay lenses underly the fill layer. Bedrock beneath the Site is identified as metamorphic serpentinite rock. Bedrock was observed at variable depths at the boring terminus throughout the Site, ranging from 2 to 18 feet below surface grade. Groundwater was not encountered during the investigation.

F. Environmental Assessment

Please see Exhibit I – Original BCP Site – C243045 – Spider Maps and Data Tables.

In soil, SVOCs and metals were detected in exceedance of the RRSCOs. SVOCs include benzo(a)anthracene (max of 2.1 mg/kg), benzo(a)pyrene (max of 1.7 mg/kg), and benzo(b)fluoranthene (max of 2.2 mg/kg). Metals include trivalent chromium (max of 290 mg/kg) and nickel (max of 3,340 mg/kg).

In groundwater, two total and two dissolved metals were detected in exceedance of the Ambient Water Quality Standards including total magnesium (max of 83,400 µg/L), dissolved magnesium (max of 89,700 µg/L), total sodium (max of 76,900 µg/L) and dissolved sodium (max of 81,000 µg/L). PFOS (max of 3.39 ng/L) and PFOA (max of 301 ng/L) were both detected in exceedance of the NYS DEC Guidance Value. 1,4-dioxane (max of 0.426 µg/L) was also detected in exceedance of the NYS DEC Guidance Value.

In soil vapor sampling results, tetrachloroethene (PCE) was detected in several soil vapor samples above laboratory detection limits at a maximum concentration of 4.52 µg/m³ in SV-31. Acetone was detected above laboratory detection limits in each soil vapor sample collected during the RI at concentrations ranging from 46 µg/m³ in SV-25 to a maximum concentration of 1,720 µg/m³ in SV-29. Acetone was detected at a concentration of 26.8 µg/m³ in the ambient air sample collected at the Site. Total benzene, toluene, ethylbenzene, and total xylene (BTEX) concentrations ranged from 16.49 µg/m³ in SV-22 to a maximum concentration of 92.20 µg/m³ in SV-29. Total VOC concentrations ranged from 139.79 µg/m³ in SV-25 to a maximum concentration of 2,267.73 µg/m³ in SV-29. The total BTEX concentration in the ambient air sample was 6.67 µg/m³, and the total VOC concentration was 61.84 µg/m³.

15-17. Regarding Questions 15-17 on the BCP Application Form:

The Requestor Stuyvesant VCD LLC is seeking determination that the project will be eligible for affordable housing credits; however, the regulatory agreement is not yet executed.

SECTION II: PROJECT DESCRIPTION

1-3. Please refer to the BCP Application Form.

4. Short Project Description

The Planned redevelopment of the Site entails construction of new multi-story, mixed-use commercial and residential buildings with full cellars. The residential aspect of this development will be 100% affordable housing.

Schedule – Commencement through COC

This BCP Site (C243047) was part of BCP Site No. C243045. However, the tax lot that makes up this Site (Lot 100) was physically separated from the remainder of the pre-existing BCP Site and it being developed by the Requestor and not the BCP Site No. C243045 volunteer and site-owner. Therefore, the parties agreed to separate Lot 100 (C243047) as a new BCP Site from pre-existing BCP Site No. C243045. BCP Site No. C243047 is to be known as River North II.

Since this is an affordable housing project, remediation cannot commence until affordable housing financing is obtained, which is tentatively scheduled to occur in December 2026. A Remedial Investigation (RI) Report (RIR) and a Remedial Action Work Plan (RAWP) have already been submitted with this application. Review of these reports by the Department should occur within approximately 45 days after this BCP Site is accepted into the BCP by the end of the 2nd quarter 2026. Edits will be made to the RIR and RAWP per DEC comments and resubmitted in the 3rd quarter 2026. RIR and RAWP approval is anticipated by the end of the 3rd quarter 2026 with an anticipated Decision Document by the beginning of the 4th quarter 2026. Since this is an affordable housing project, commencement of remediation will be in conjunction with Decision Document issuance and construction financing, which is anticipated to occur by December 2026. The remediation will commence in the 1st quarter of 2027 and continue until the 2nd quarter of 2027. The Site Management Plan and Final Engineer reports will be submitted September 1 and October 1, 2027, respectively. This will provide time for the DEC's comments and edits of these reports such that a Certificate of Completion is anticipated to be issued before end of December 2027.

5. Green and Sustainable Remediation (GSR)

Remedial Investigation/Alternatives Analysis: GSR will be incorporated into RI project planning, including the application of the proposed environmental footprint analysis tool, and how climate resiliency will be included. A discussion about the plan to implement GSR will be included in the RIR. Specifically during the RI implementation, the consultant will:

- Evaluate sensitive, local human and ecological receptors which require protection from contaminants of concern, traffic, noise, dust and odors during the implementation. An enhanced Community Air Monitoring Plan will be implemented.
- Identify vendors with operation centers local to the Site to minimize fuel consumption associated with travel to and from the Site.
- Salvage organic debris that is uncontaminated and free of pests or disease, for use as supplemental infill, mulch or compost.
- Salvage uncontaminated objects with potential recycle, resale, donation or onsite infrastructure value, such as steel, concrete and granite.
- Designate collection points for recycling single-use items such as metal, plastic and glass containers; paper and cardboard; and other consumable items.
- Advise contractors to avoid idling vehicles while on the BCP Site.

Remedial Action: Green remediation principles and techniques will be implemented to the extent feasible in the design and implementation of the remedy as per DER-31. The major green remediation components are as follows:

- Considering the environmental impacts of treatment technologies and remedy stewardship over the long term and specify chemicals or agents, where applicable, that are not harmful or hazardous to aquatic environments and the subsurface, are readily biodegradable, and/or can help to improve site geochemical conditions;
- Reducing direct and indirect greenhouse gases and other emissions;
- Increasing energy efficiency and minimizing use of non-renewable energy;
- Conserving and efficiently managing resources and materials;
- Reducing waste, increasing recycling and increasing reuse of materials which would

- otherwise be considered a waste;
- Maximizing habitat value and creating habitat when possible;
 - Fostering green and healthy communities and working landscapes which balance ecological, economic and social goals;
 - Integrating the remedy with the end use where possible and encouraging green and sustainable re-development; and
 - Additionally, to incorporate green remediation principles and techniques to the extent feasible in the future development at this site, including that any future on-site buildings shall be constructed, at a minimum, to meet the 2020 Energy Conservation Construction Code of New York (or most recent edition) to improve energy efficiency as an element of construction. (see below)

An environmental footprint analysis will be completed, which will use an accepted environmental footprint analysis calculator such as SEFA (Spreadsheets for Environmental Footprint Analysis, USEPA), SiteWise™ (available in the Sustainable Remediation Forum [SURF] library) or similar Department accepted tool and construction considerations should reference NYSDEC standard specification 01 89 29-Green Remediation Practice and the associated Form A – Summary of Green Remediation Metrics will be used to track actual metrics for the footprint analysis. Contractors will also pay attention to the carbon emissions used in the material generation and transportation to reduce the carbon footprint and recycling applicability where possible. This extends to the use of drilling fluids that are biodegradable and chemicals that are not harmful or hazardous during site operations. Contractors will reference the ISS Factsheet provided by the NYSDEC when selecting materials, methods and general operations for this work.

Water consumption, greenhouse gas emissions, renewable and non-renewable energy use, waste reduction and material use will be estimated, and goals for the project related to these green and sustainable remediation metrics, as well as for minimizing community impacts, protecting habitats and natural and cultural resources, and promoting environmental justice, will be incorporated into the remedial design program, as appropriate. The project design specifications will include detailed requirements to achieve the green and sustainable remediation goals. Further, progress with respect to green and sustainable remediation metrics will be tracked during implementation of the remedial action and reported in the Final Engineering Report (FER), including a comparison to the goals established during the remedial design program.

Site Management: GSR will be incorporated into Site Management, including use of DEC's SMP template, resource and energy consumption reduction, waste minimization, and climate resiliency evaluation within Periodic Review Reports (PRRs). Further, progress with respect to green and sustainable remediation metrics will be tracked, and reported in PRRs, as part of the Site Management program, and opportunities to further reduce the environmental footprint of the project will be identified as appropriate.

Redevelopment: As an affordable housing project in NYC, the building will be subject to all of the required electric only building code requirements and other green building requirements.

6. Climate Change Screening or Vulnerability Assessment

The Site is entering the program at the remediation Stage. The Site is not in a floodplain therefore a Climate Change Screening or Vulnerability Assessment is not required at this time. See Exhibit D – Flood Map. Nevertheless, the remedy will be implemented to include stormwater controls in the event of an extreme weather events (e.g., hurricanes, lightning, heat stress and drought), flooding to minimize the impact of such climate change related weather events on the remediation. The closest body of water to the Site is the Upper Bay, which is approximately 0.15 miles from the Site.

SECTION III: ECOLOGICAL CONCERNS

1-3. Please refer to the BCP Application Form

4. Fish and Wildlife Resources Impact Analysis Part I (FWRIA Part I).

According to the DEC Environmental Resource Mapper, the Site is located within 0.5 miles of the habitat of two rare fish species: Atlantic sturgeon and shortnose sturgeon.² However, a RIR and RAWP have already been approved for the Site and a 3.10.1 FWRIA Part I was not required.

SECTION IV: LAND USE FACTORS

1. Current Zoning

The Site is within the R7-3 and C2-4 Districts. *See* Exhibit E - Zoning Map.

2. Allowed Uses

The R7-3 and C2-4 zoning districts allow for commercial and residential uses.

3-4. Current Use

This Site is currently vacant, and it has been vacant since the 1970s.

5. Intended Use Post Remediation

After the remediation, the Site will be used for residential and commercial purposes.

6. Post Remediation Use

Post remediation use of the Site entails construction of new multi-story, mixed-use commercial and residential buildings with full cellars. The residential aspect of this development will include 100% affordable housing.

² See <https://gisservices.dec.ny.gov/gis/erm/>.

7. Renewable Energy Facility

The proposed post-remediation use is not a renewable energy facility.

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

Yes, current, historical and/or recent development patterns support the proposed use.

9. Is the proposed use consistent with applicable zoning laws/maps?

Yes, the project is consistent with the New York City zoning laws and map.

10. Consistent with the Master Plan?

Yes, the project is consistent with the Staten Island North Shore Action Plan, which intends to revitalize the area through new residential construction and commercial leasing with the goal of creating a “vibrant, walkable urban community.”³

SECTION V: CURRENT AND HISTORICAL PROPERTY OWNER AND OPERATOR INFORMATION

The owner of the Site is listed in the table below.

Parcel Address	Owner	Ownership Start Date
8-20 Stuyvesant Place	Richmond SI Owner LLC	01/10/2019

See Exhibit G - Deed for additional information.

Requestor is not the owner of the site. Richmond SI Owner LLC (“Owner”) is the current owner of the BCP Site. See Exhibit G – Deed. The Owner is the Volunteer for the Original BCP Site (C243045). The Requestor has received a temporary license from the Owner to access the property to perform investigation and remediation work required by the BCP. See Exhibit H - Site Access Agreement.

The Previous and Current Owner and Operator list is attached in Exhibit F. This Exhibit includes both current and previous property owners and operators by name, last known address, telephone number, and the Requestor’s relationship to each owner and operator (all of which are “None”). Exhibit F also includes the prior operators’ use of the Site.

³ See STATEN ISLAND NORTH SHORE ACTION PLAN, <https://edc.nyc/project/staten-island-north-shore-action-plan>, at p. 20.

SECTION VI: PROPERTY'S ENVIRONMENTAL HISTORY

1. List of Environmental Reports

The following is the list of environmental reports for the Site separately attached:

- a) January 2014 Phase I Environmental Site Assessment Report prepared by Hydro Tech Environmental, Corp. for Richmond Liberty, LLC;
- b) January 2014 Phase II Environmental Site Assessment Report prepared by Hydro Tech Environmental, Corp. for Richmond Liberty, LLC;
- c) August 2018 Phase I Environmental Site Assessment Report prepared by Environmental Business Consultants for Madison Realty Capital;
- d) May 2020 Limited Due Diligence Site Investigation Report prepared by Tenen Environmental for Richmond SI Owner LLC;
- e) February 2021 Phase II Environmental Site Investigation Report prepared by Tenen Environmental for Richmond SI Owner LLC;
- f) November 2022 Remedial Investigation Report prepared by Haley & Aldrich for Richmond SI Owner LLC;
- g) November 2022 Remedial Action Work Plan prepared by Haley & Aldrich for Richmond SI Owner LLC;
- h) October 2025 Phase I Environmental Site Assessment Report prepared by Haley & Aldrich for Stuyvesant VCD LLC (C243047);
- i) November 2025 Draft Remedial Action Work Plan prepared by Haley & Aldrich for Stuyvesant VCD LLC (C243047)

2. Sampling Data

See Exhibit I – BCP Site Spider Maps (C243047) and Original BCP Site Spider Maps (C243045) which include sampling data summaries.

3. Environmental Assessment

BCP Site (C243047) Contamination Charts

Based on the investigations conducted to date, the primary contaminants of concern for the BCP Site are metals in soil and VOCs and petroleum in soil vapor. See Exhibit I – BCP Site Spider Maps (C243047).

Soil:

Analytes > RRSCOs	Detections > RRSCOs	Maximum Detection (mg/kg)	RRSCO (mg/kg)	Depth (ft-bgs)
Metals				
Arsenic	1	26.8	16	3-5
Copper	1	621	270	2-4
Mercury	2	1.03	0.81	0-2
Nickel	26	1,880	310	8-10

Soil Vapor:

Analytes	Total Detections	Max Detection ($\mu\text{g}/\text{m}^3$)	Type
VOCs			
Acetone	5	2,310	SV
Benzene	9	21.3	SV
Ethylbenzene	9	203	SV
Tetrachloroethene	4	11	SV
Total BTEX/VOCs			
Total BTEX	7	80.38	SV
Total VOCs	7	2,887.87	SV

Original BCP Site (C243045) Contamination Charts

Based on the investigations conducted to date, the primary contaminants of concern for the Original BCP Site are SVOCs and Metals in soil and VOCs in soil vapor. See Exhibit I – Original BCP Site Spider Maps and Data Tables (C243045).

Soil:

Analytes>RRSCOs	Detections>RRSCOs	Maximum Detection (mg/kg)	RRSCO (mg/kg)	Depth of Maximum Detection (ft-bgs)
SVOCS				
Benzo(a)anthracene	1	2.1	1.4	2-4
Benzo(a)pyrene	1	1.7	1	2-4
Benzo(b)fluoranthene	1	2.2	1.4	2-4
Metals				
Chromium, Hexavalent	2	1.26	1	2-4
Chromium, Trivalent	3	290	110	2-4
Copper	1	621	280	2-4
Mercury	7	0.941	0.3	2-4
Nickel	28	3440	320	13-15

Soil Vapor:

Analytes	Total Detections	Max Detection ($\mu\text{g}/\text{m}^3$)	Type
VOCs			
1,3-Butadiene	2	55.1	SV
2-Butanone	10	230	SV
2-Hexanone	6	75	SV

Acetone	10	1720	SV
Benzene	7	9.14	SV
Toluene	10	28.3	SV
Ethylbenzene	10	9.16	SV
o-Xylenes	10	20	SV
p/m-xylenes	10	33.5	SV
Tetrachloroethene	2	4.52	SV
Total BTEX/VOCs			
Total BTEX	10	92.2	SV
Total VOCs	10	2267.73	SV

Past Land Use

1. Past Use of the Site

During investigations of the Site to date and during preparation of this application, Sanborn fire insurance maps, aerial photographs, historic city directories, and historic topographic maps were reviewed. These sources were the primary information sources relied on in the Phase I reports to document the historical uses.

The Site's history can be established beginning in 1891, when it was already in use for residential purposes with multiple residences occupying the Site. By 1917, additional dwellings were depicted on the Site. Between 1917 and 1937, the northernmost building, located on Stuyvesant Place is labeled at an "Insurance Bank", which was possibly occupied by Davis & Davis Real Estate Insurance (named in the City Directory in 1928). All on-site buildings were demolished in the 1960s and/or 1970s, and the Site was undeveloped/vacant by at least 1977. The Site has remained vacant/undeveloped since 1977. Based on the heavy metals soil contamination on the Site, it appears it was filled with contaminated historic fill soils during its history. In addition, former heating oil tanks appeared to have been present, which resulted in petroleum VOC related soil vapor issues. The original of the PCE in soil vapor is unknown.

2. Past Investigations Related to Uses and Environmental Conditions that Led to the Submission of this Application.

In January 2014⁴ Hydro Tech Environmental, Corp. ("Hydro Tech") completed a Phase I Environmental Site Assessment ("ESA") for the Site. This Phase I by Hydro Tech discovered two recognized environmental conditions ("RECs") at the Site and the adjacent BCP Site. The first REC identified was the presence of unknown fill material. The second REC was the suspected presence of heating oil tanks underground at the Site.

Hydro Tech also completed a Phase II ESA for the Site and the adjacent BCP Site in January 2014. This Phase II was conducted to examine whether the RECs they identified had caused any adverse

⁴ Please note, the report's header contains an error in the date of the report, recording the report's date as January 3, 2013, rather than January 3, 2014.

impacts to the Site's environmental quality. The Phase II concluded that no significant adverse impacts had been caused by the urban fill material, and no heating oil tanks were found at this Site. Given the presence of metals in the soil at elevated levels, Hydro Tech recommended proper disposal of all soil removed from the Site.

In August 2018 Environmental Business Consultants completed a Phase I ESA for the Site and the adjacent BCP Site. This ESA only identified one business environmental risk ("BER"). The BER was the potential for fill material on the Site. The report noted that while no evidence of fill material had been found in sampling up until that time, elevated levels of lead, mercury, and selenium were present.

Tenen Environmental ("Tenen") completed a Limited Site Investigation Report for the Site and the adjacent BCP Site lots 82 and 92 in May 2020. This report found SVOCs, specifically PAHs, and metals exceeding the RRSCOs on the examined lots. It further found PCE in every soil vapor sample taken during their investigation, and it also detected petroleum-related VOCs in multiple soil vapor samples. Tenen concluded that the elevated concentrations of PAHs and metals were consistent with the presence of historic fill material. They further concluded that soil vapor mitigation may be required for any new construction of residential housing.

In February 2021, Tenen completed a Phase II ESA for the Site and the adjacent BCP Site lots 82 and 92. This Phase II was conducted to further assess environmental impacts caused by contamination found during their Site Investigation Report. Tenen's Phase II confirmed the presence of elevated levels of petroleum-related VOCs, specifically across the northern lots. Metals and SVOCs were detected above RRSCOs in shallow soil samples, and nickel was also detected in deep soil across the investigated area. Tenen determined that their soil sample findings from the shallow samples was consistent with historic fill material.

In November 2022, Haley & Aldrich prepared an RIR for the Site and lots 82 and 92. The RIR did not discover any SVOCs in the soil on-Site, and it only found acetone exceeding its UUSCO in one soil sample. Three pesticides (4,4-DDD; 4,4'-DDT; and 4,4-DDE) were detected in multiple soil samples exceeding UUSCOs. Metals including mercury, nickel, arsenic, and copper were detected in soil samples across the Site exceeding RRSCOs, with other metals found exceeding UUSCOs. PCBs were also detected above UUSCOs in two shallow soil samples. PFAS were also found in soil across the Site at estimated or reportable concentrations. The soil vapor sampling detected PCE in several samples, including a maximum concentration of 11 µg/m³. Acetone was also detected in several samples. Total BTEX and total VOCs were also tested for and detected in soil vapor samples.

Haley & Aldrich also completed an RAWP for the Site and lots 82 and 92 in November 2022. The RAWP summarized the findings of the RIR, listed above, and evaluated the possibility of different cleanup levels including Track 1 for the Site. The Track 1 cleanup would entail a support-of-excavation (SOE) system, including a retaining wall along the Site's western boundary to support neighboring structures. It is estimated that approximately 33,000 cubic yards of historic fill and solid wasting exceeding UUSCOs would need to be excavated and disposed of off Site. This estimate is derived from excavation extending approximately 2-6 feet bgs along the western and southwestern portion of the Site (approximately 35,000 square feet), 8-10 feet bgs in the northern

portion of the Site (approximately 12,000 square feet), and 10-20 feet bgs through the remainder of the Site (approximately 37,000 square feet). The excavated areas outside of the proposed building footprints would then be backfilled.

In October 2025, Haley & Aldrich completed a Phase I ESA for the Site for the Requestor. This ESA identified one REC. The single REC that Haley & Aldrich identified was the documented soil and soil vapor impacts at the Site. These impacts have been documented and identified in the aforementioned investigations and reports completed for the Site.

In November 2025, Haley & Aldrich prepared a RAWP for the Site. This RAWP also contemplated a Track 1 cleanup for the Site in the proposed building footprint. This still entailed installation of an SOE system with a retaining wall along the Site's western boundary. The total soil to be excavated and disposed of is 14,800 cubic yards, consisting of historic fill and solid waste containing exceeding UUSCOs. In the southwestern portion of the proposed building footprint (approximately 6,528 square feet), excavation would extend 6 feet bgs. In the eastern portion of the footprint (approximately 15,554 square feet), excavation would go down 15 feet bgs. In the northwestern portion (6,600 square feet), excavation would extend to 17 feet bgs. Further excavation outside of the proposed building footprint would be to Track 4. This additional excavation would stretch over approximately 10,731 square feet and extend 2 feet bgs. A composite cover system would be installed over any exposed residual soil contamination within the Track 4 area, consisting of clean backfill, virgin stone, recycled concrete aggregate, and or an at-least 4-inch asphalt or concrete slab. Collection and analysis of confirmation soil samples at the remediation depth would be completed, as well as Soil Vapor Intrusion Evaluation.

SECTION VII: REQUESTOR INFORMATION

The Requestor is Stuyvesant VCD LLC ("Requestor"), a New York limited liability company, with offices located at 141 W. 36th Street, 14th Floor, New York, NY 10018. Stuyvesant VCD LLC is authorized to do business in the State of New York. See Exhibit J - NYSDOS Entity Information. PS66 Management Inc. is the sole member of Stuyvesant VCD LLC.

The Sole Member Resolution provides Peter Serpico with authority to sign all Brownfield Cleanup Program documents on behalf of the Requestor Stuyvesant VCD LLC. See Exhibit K – Sole Member Resolution.

Stuyvesant VID LLC is the Requestor for the BCP Site (C243047). Richmond SI Owner LLC will remain the sole Volunteer for the Original BCP Site (C243045).

SECTION VIII: REQUESTOR CONTACT INFORMATION

Please refer to the BCP Application Form.

SECTION IX: PROGRAM FEE

Requestor is applying for a fee waiver. See Exhibit N – Affidavit in Support of Fee Waiver.

SECTION X: REQUESTOR ELIGIBILITY

1-11. Please refer to BCP Application Form.

REQUESTOR CERTIFICATION

The Requestor certifies it is a Volunteer, since it does not have nor has ever had a relationship with any of the past owners or operators of the Site that caused the contamination other than it plans to purchase a portion of the Site from the current owner. Requestor did not have involvement with the Site at the time of disposal. The Requestor has performed all required environmental due diligence prior to acquiring the Site and has implemented due care of the Site.

SECTION XI: PROPERTY ELIGIBILITY INFORMATION

Please refer to the responses to the Questions 1-6 on the BCP Application Form, which confirms the site is not ineligible for the BCP.

In addition to the responses on the application form, which clarify the Site is an eligible brownfield site pursuant to ECL § 27-1405, the following information further demonstrates this Site's eligibility for the BCP:

The Site meets the definition of an eligible "brownfield site" in Environmental Conservation Law § 27-1405(2) as "any real property where a contaminant is present at levels exceeding the soil cleanup objectives or other health-based or environmental standards, criteria or guidance adopted by the department that are applicable based on the reasonably anticipated use of the property, in accordance with applicable regulations." Environmental investigation results show evidence of historical filling on the Site, which can be linked to and caused Site contamination above the applicable cleanup standards. In addition, historic fuel oil tanks likely cause petroleum related VOC soil vapor issues. See Environmental Reports separately attached and the Spider Maps in Exhibit I, providing the data demonstrating exceedances of the cleanup standards for this Site. As a result, the Site meets the definition of a brownfield site pursuant to Environmental Conservation Law §27-1405(2).

SECTION XII: SITE CONTACT LIST

See Exhibit L – BCP Site Contact List. See Exhibit M – BCP Repository Letters.

EXHIBIT A

BASE MAP

River North II
8-20 Stuyvesant Place
Staten Island, New York 10301
Block 13, Lot 100

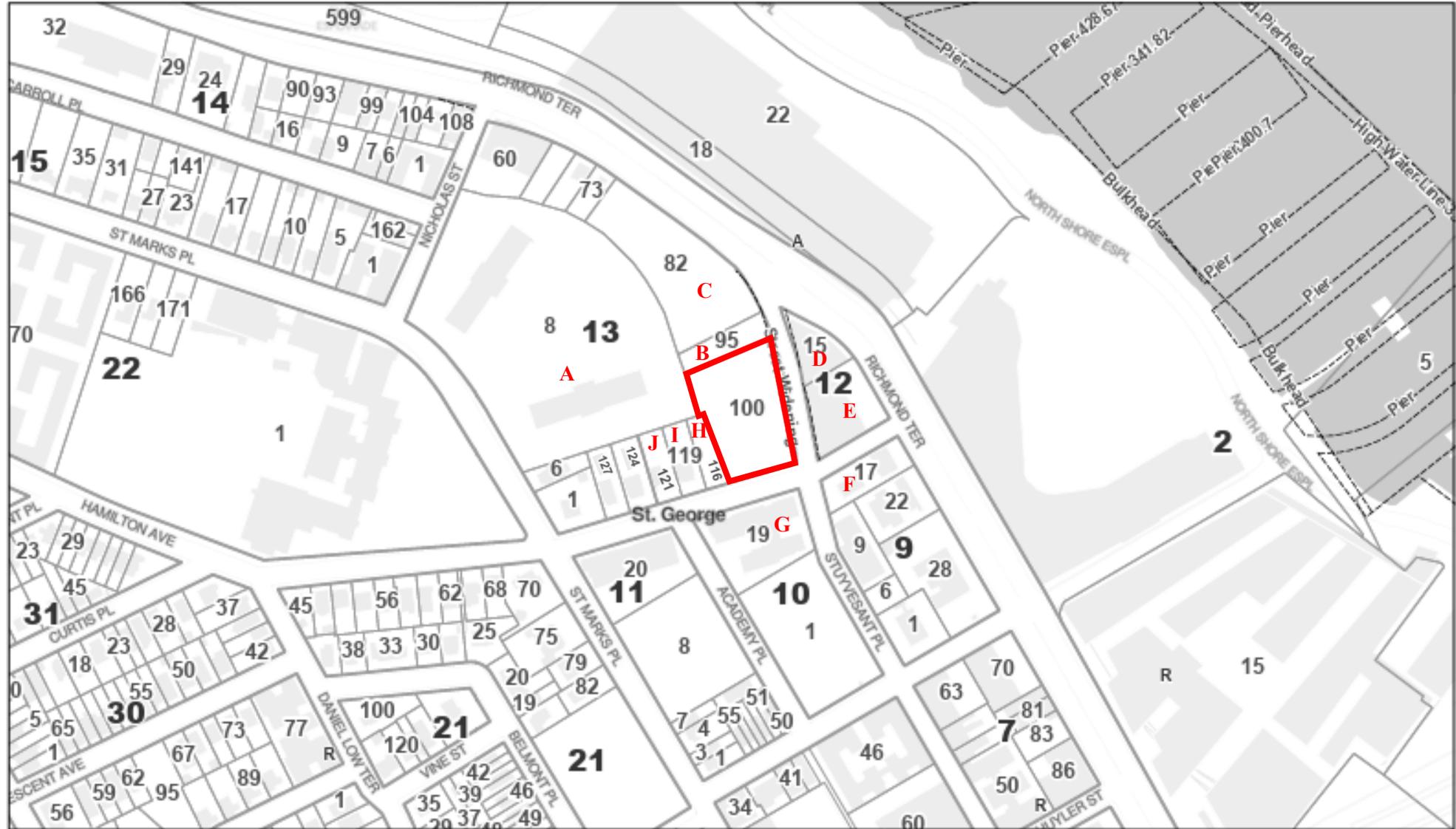
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 Site Property Boundary

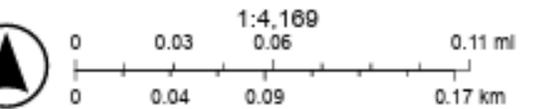
Corresponding page
lists adjacent property owners by
letter A – J



All feature locations are approximate. This map is intended as a schematic to be used in conjunction with associated Application and Support Information, and should not be relied upon as a survey for planning and other activities.



10/30/2025, 9:00:19 AM



SOURCE: NYC OTI, SOURCE: NYC OTI | NYC Open Data | Esri

October 2025

Source: NYC Property Portal

Letter	Adjacent Property Owner(s) Name(s)	Property Address	Section-Block-Lot
A	Castleton Preservation Housing Company, Inc.	165 St. Marks Place	Staten Island-13-8
B	Richmond SI Owner 1 LLC	2 Stuyvesant Place	Staten Island-13-95
C	Richmond SI Owner LLC	178 Richmond Terrace	Staten Island-13-82
D	Richmond Group Capital	160 Richmond Terrace	Staten Island-12-15
E	E & V Staten Island LLC	150 Richmond Terrace	Staten Island-12-1
F	NYC Dept. of Citywide Admin. Services	10 Hamilton Avenue	Staten Island-9-17
G	36 Hamilton Ave Tenants Corp.	36 Hamilton Avenue	Staten Island-10-19
H	Hamilton Property Holdings LLC	Hamilton Avenue	Staten Island-13-116
I	Hamilton Property Holdings LLC	41 Hamilton Avenue	Staten Island-13-119
J	Hamilton Property Holdings LLC	47 Hamilton Avenue	Staten Island-13-121

SITE LOCATION MAP

 **BCP Site Location**



U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY



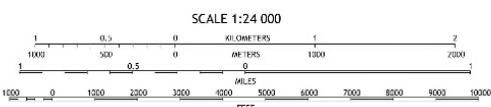
JERSEY CITY QUADRANGLE
NEW JERSEY - NEW YORK
7.5-MINUTE SERIES



Produced by the United States Geological Survey

North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84) Projection and
1:500 meter grid Universal Transverse Mercator, Zone 18T
This map is not a legal document. Boundaries may be
generalized for this scale. Private lands within government
operations may not be shown. Obtain permission before
entering private lands.

Industry: NAD, July 2017 - December 2017
Roads: U.S. Census Bureau, 2016 - 2016
Names: GIS, 1979 - 2023
Hydrography: National Hydrography Dataset, 2001 - 2002
Contours: National Elevation Dataset, 2013
Boundaries: Multiple sources; see metadata file 2020 - 2022
Wetlands: FWS National Wetlands Inventory 2008 - 2011



1	2	3
4	5	6
7	8	

- 1 Orange
- 2 Westchester
- 3 Central Park
- 4 Elizabeth
- 5 Brooklyn
- 6 Arthur Kill
- 7 The Narrows
- 8 Coney Island

ROAD CLASSIFICATION

	Expressway		Local Connector
	Secondary Hwy		Local Road
	Bypass		4WD
	Interstate Route		US Route
	State Route		

JERSEY CITY, NJ, NY
2023



NSA REF NO. U.S.G.S. X 2 K 4 2 4 5 0 2

Street Map

River North II

8-20 Stuyvesant Place
Staten Island, New York 10301

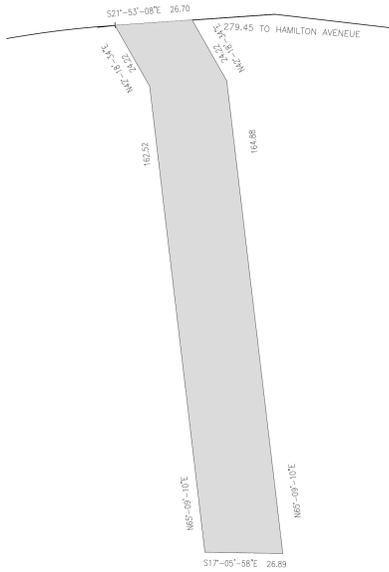


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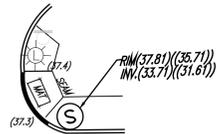
 Site Property Boundary

EXHIBIT B

DETAIL "N.T.S."



DETAIL "A" N.T.S.



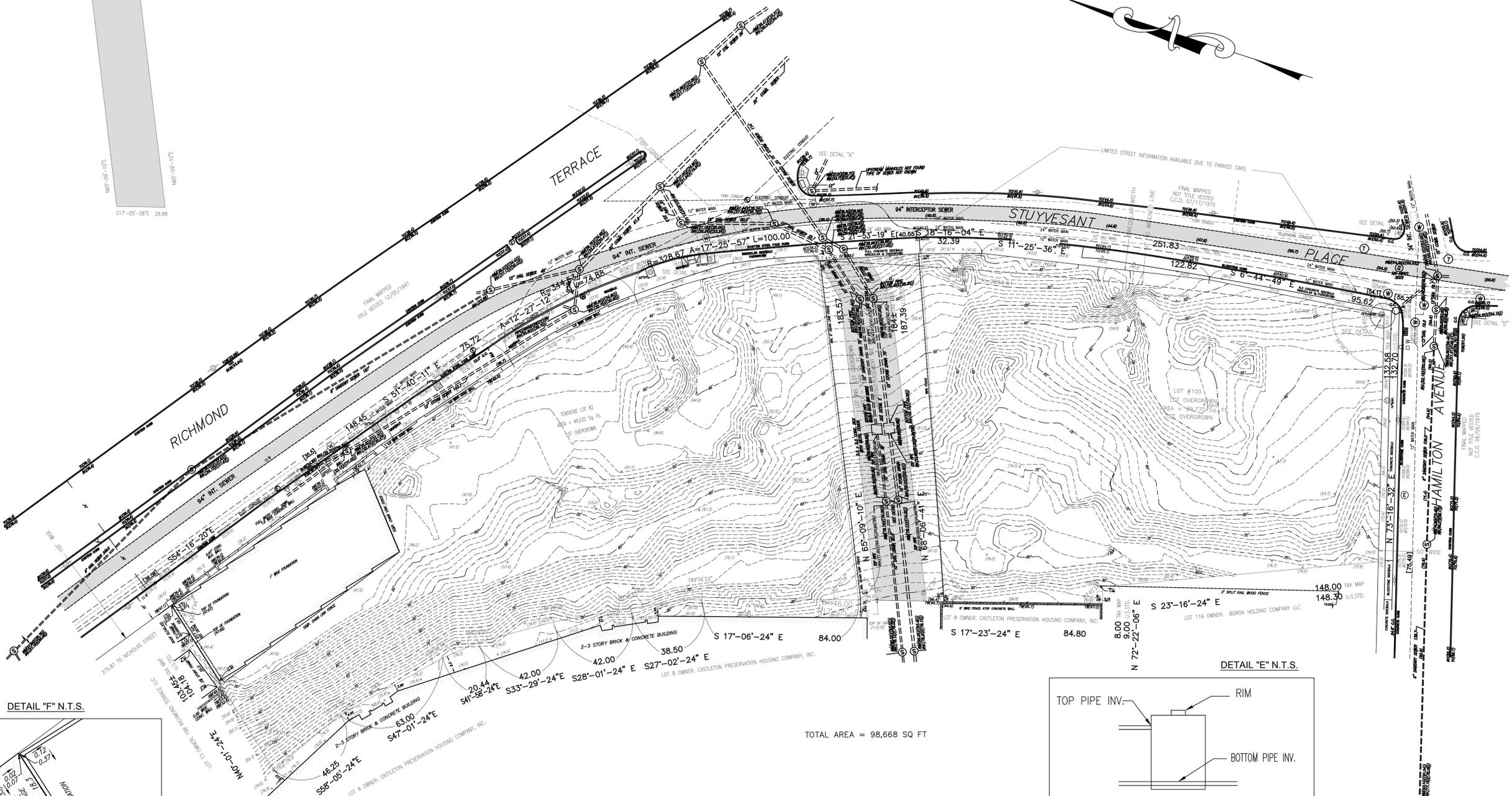
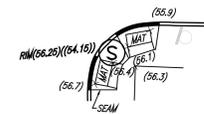
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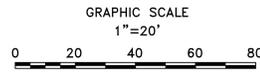
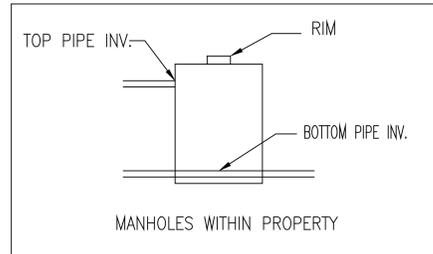
DETAIL "C" N.T.S.



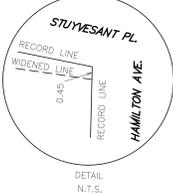
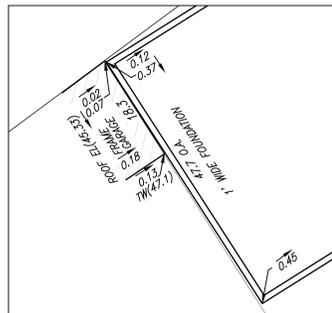
DETAIL "D" N.T.S.



TOTAL AREA = 98,668 SQ FT



DETAIL "F" N.T.S.





NYC Digital Tax Map

Effective Date : 02-08-2023 16:44:05

End Date : Current

Staten Island Block: 13

Legend

- Streets
- Miscellaneous Text
- Possession Hooks
- Boundary Lines
- Lot Face Possession Hooks
- Regular
- Underwater
- Tax Lot Polygon
- Condo Number
- Tax Block Polygon
- BCP Site Boundary - C243047





NYC Digital Tax Map

Effective Date : 04-27-2022 11:13:53

End Date : 02-08-2023 16:44:05

Staten Island Block: 13

Legend

- Streets
- Miscellaneous Text
- Possession Hooks
- Boundary Lines
- Lot Face Possession Hooks
- Regular
- Underwater
- Tax Lot Polygon
- Condo Number
- Tax Block Polygon
- C243045 - Original BCP Site - Prior to Merger and Including Lot 100 (Pursuant to July 1, 2021 BCA)





NYC Digital Tax Map

Effective Date : 02-08-2023 16:44:05
End Date : Current
Staten Island Block: 13

Legend

- Streets
- Miscellaneous Text
- Possession Hooks
- Boundary Lines
- Lot Face Possession Hooks
- Regular
- Underwater
- Tax Lot Polygon
- Condo Number
- Tax Block Polygon
- C243045 - Original BCP Site - Revised (Post Major Amendment_





APPLICATION FOR APPORTIONMENTS OR MERGERS

Instructions: Please complete this application and submit in person to: **Department of Finance, Property Division - Tax Map Office, 66 John Street, 2nd floor, New York, NY 10038.** Please read the instructions for further details before completing this form. Print clearly.

SECTION A: PROPERTY INFORMATION

Borough: STATEN ISLAND Block: 13 Present Lot(s): 92,82

Merger Apportionment Number of Lots Requested 1

Air Subterranean

Lot(s) Usage: (check one) Residential Building Gross Sq/Ft: _____ Commercial Building Gross Sq/Ft: _____ Mix (Residential & Commercial) Building Gross Sq/Ft: 362,841

DO NOT WRITE IN THIS SPACE - FOR OFFICE USE ONLY
Lot Number: 82

1. Property Owner's Name (as per Deed): _____
LAST NAME FIRST NAME
OR
 Company Name: RICHMOND SI OWNER LLC

2. Property Address: 178 RICHMOND TERRACE STATEN ISLAND NY 10301
NUMBER AND STREET CITY STATE ZIP CODE

3. Filing Representative (if applicable): Avi Barkai / Ori Altmark

SECTION B: CERTIFICATION

1. Architect/Engineer/Applicant's Name: Hill Stephen
LAST NAME FIRST NAME

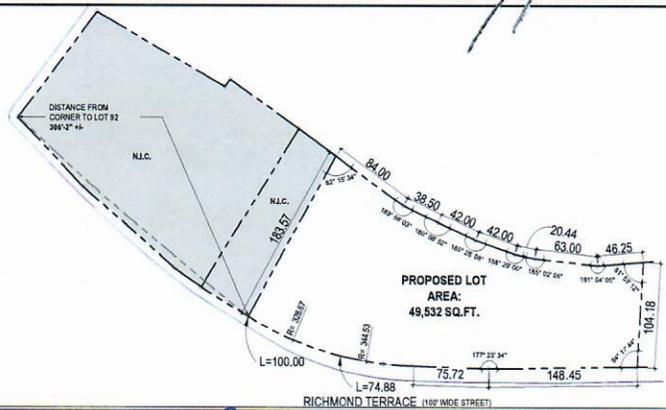
2. Address: 11 BROADWAY 17TH FLOOR NEW YORK NY 10004
NUMBER AND STREET CITY STATE ZIP CODE

3. Telephone Number: 212- 213-8007 4. Email Address: lshill@hillwest.com

The applicant hereby certifies that, in making this application for merger/apportionment, s/he is the owner, or acting under the direction of the owner.

Signature of Architect/ Engineer/Applicant: _____ Date: 12 / 15 / 2022

TAX MAP CHANGE WILL NOT BE MADE UNTIL PRESENTATION OF REQUIRED DOCUMENTS (see reverse for the required documents)



(Architect or Engineer's seal)

Tentative Lot(s) issued: _____
 Customer Service Representative: [Signature] Date: 12/21/22 New Lot(s): — Lot(s) Affected: 82 Lot(s) Dropped: 92

Please note: Map changes will not be made until presentation of all required documents is reviewed and approved by the Specialist. Lots are tentative until final approval is received from the Tax Map Office.

Map Updated: _____
 Tax Map Specialist: _____ Date: ____/____/____

EXHIBIT C

BOA Map

River North II
8-20 Stuyvesant Place
Staten Island, New York 10301

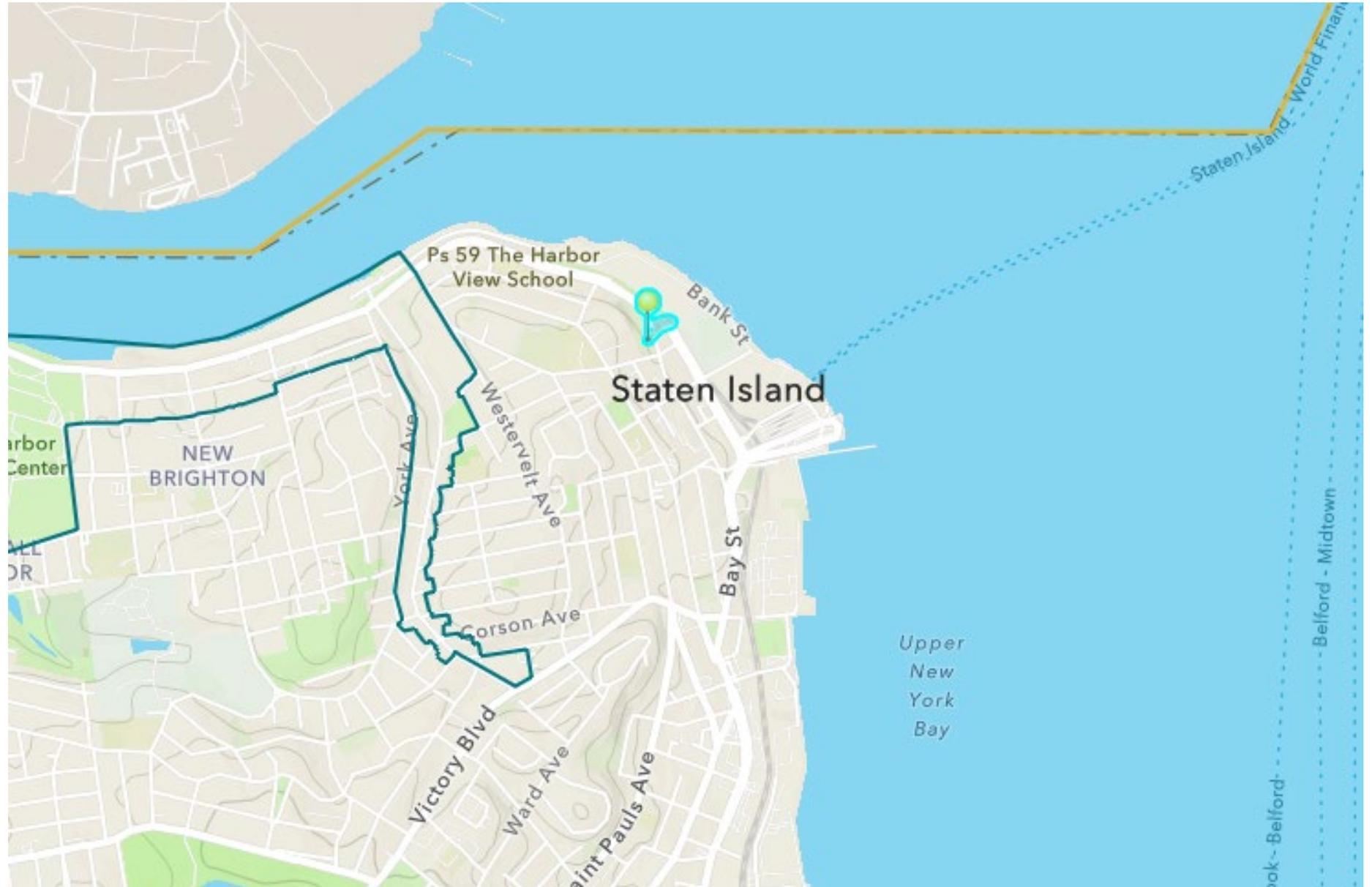
Legend:



Site Location



Designated BOA Boundary



October 2025

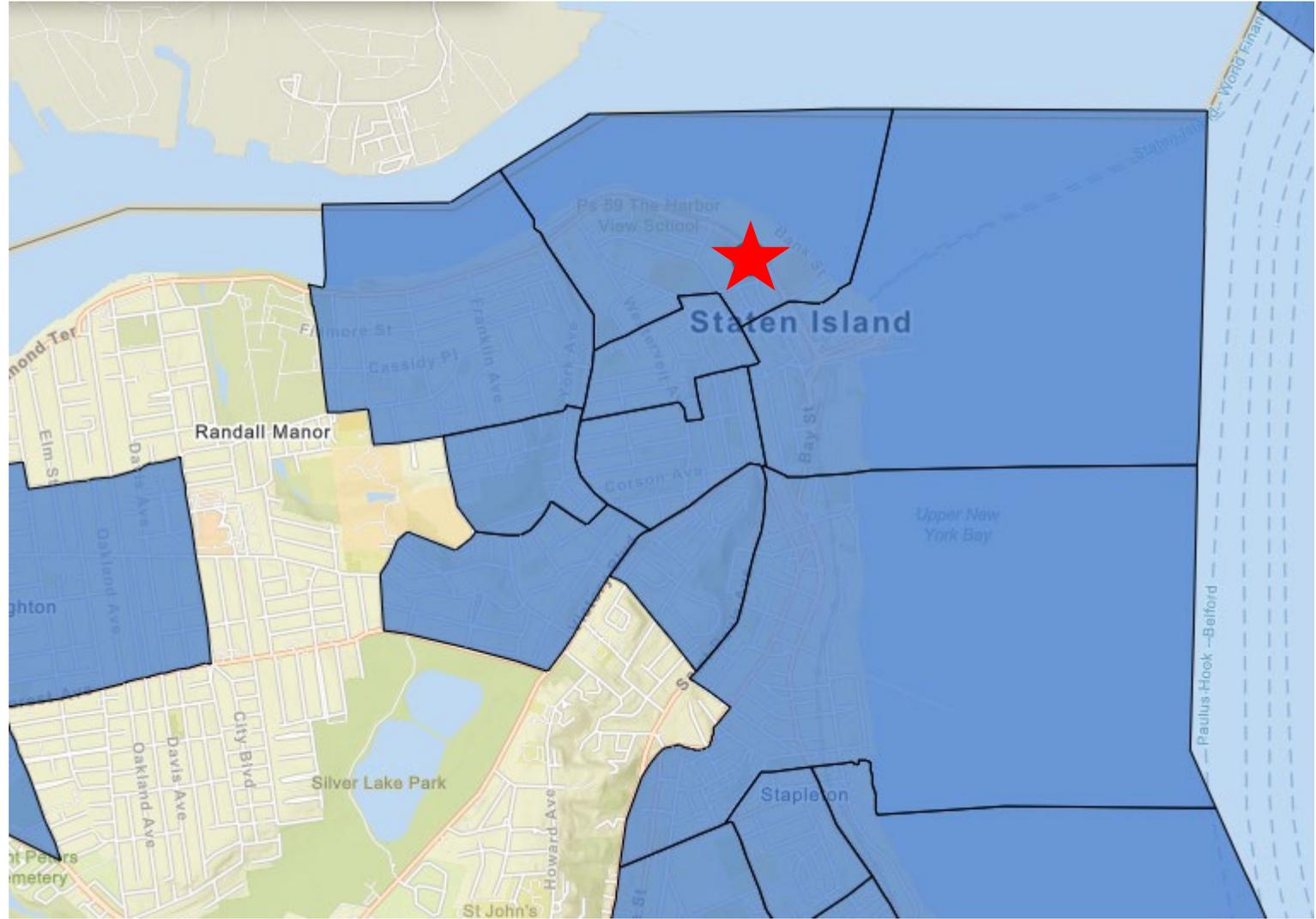
Source: NYS DOS – Geographic Information Gateway

Disadvantaged Communities Map

River North II
8-20 Stuyvesant Place
Staten Island, New York 10301

DAC

GEOID: 36085000700
Household Count: 2209
Population Count: 4557
Regional Economic Development Council: New York City



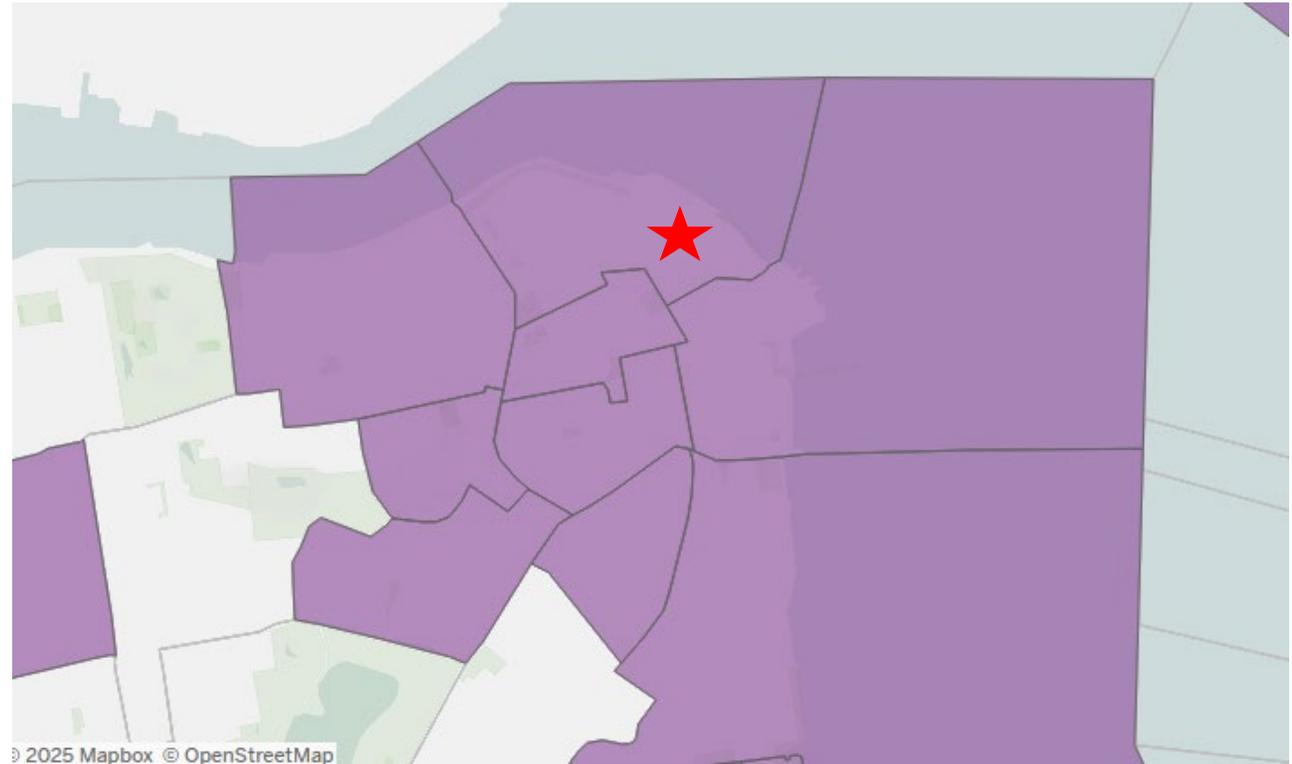
Legend:

 Site Location

 Disadvantaged Community

Population Characteristics & Vulnerability ...		
Health Impacts & Burdens	Asthma ED visits	91%
	COPD ED visits	90%
	Heart attack (MI) Hospitalization	76%
	Low Birthweight	78%
	Pct Adults Age 65+	48%
	Pct w/ Disabilities	65%
	Pct w/o Health Insurance	69%
Premature Deaths	86%	
Housing, Mobility, Communications	Energy Poverty / Cost Burden	58%
	Homes Built Before 1960	54%
	Housing Cost Burden (Rental C...	30%
	Manufactured Homes	0%
	Pct Renter-Occupied Homes	87%
	Pct w/o Internet (home or cellul..	97%
Income	Pct <100% of Federal Poverty ...	88%
	Pct <80% Area Median Income	88%
	Pct Single-Parent Households	93%
	Pct w/o Bachelor/Es Degree	46%
	Unemployment Rate	55%
Race/Ethnicity	Historical Redlining Score	72%
	Limited English Proficiency	45%
	Pct Asian	44%
	Pct Black or African American	88%
	Pct Latino/a or Hispanic	80%
Pct Native American or Indigen...	2%	

Environmental Burden & Climate Change Risk ...		
Land Use & Historic Discrimination	Active Landfills	0%
	Housing Vacancy Rate	58%
	Industrial/Manufacturing/Mining La...	33%
	Major Oil Storage Facilities	0%
	Municipal Waste Combustors	0%
	Power Generation Facilities	61%
	Regulated Management Plan (Ch...	97%
	Remediation Sites	57%
Scrap Metal Processing	0%	
Potential Climate Change Risk	Agricultural Land Use	0%
	Coastal Flooding and Storm Risk ...	48%
	Driving Time to Urgent/Critical Care	54%
	Extreme Heat Projections (>90? d...	100%
	Inland Flooding Risk Areas	0%
	Low Vegetative Land Cover	64%
Potential Pollution Exposure	Benzene Concentration (Modeled)	53%
	Particulate Matter (PM2.5)	100%
	Traffic: Diesel Trucks	50%
	Traffic: Number of Vehicles	46%
	Wastewater Discharge	0%



Census Tract 36085000700 is **Designated a DAC**
 This Tract covering **New York city** has a population of **4,557**

Environmental Burden is higher than **90%** of Census Tracts statewide
Population Vulnerability is higher than **87%** of Census Tracts statewide

Legend:
 Site Location
 Disadvantaged Community

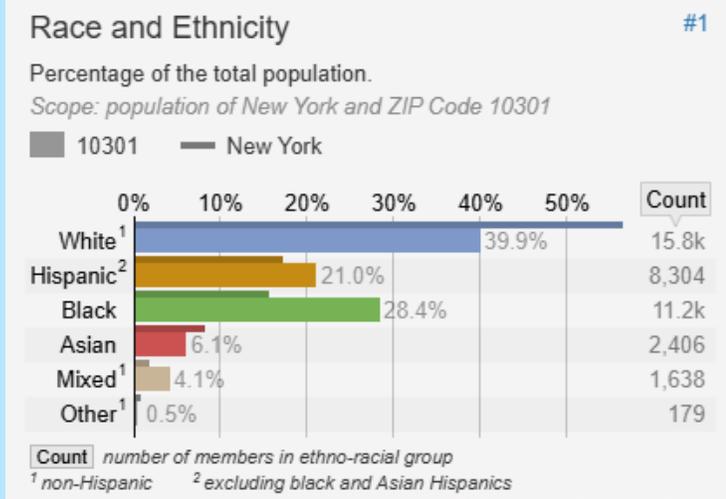
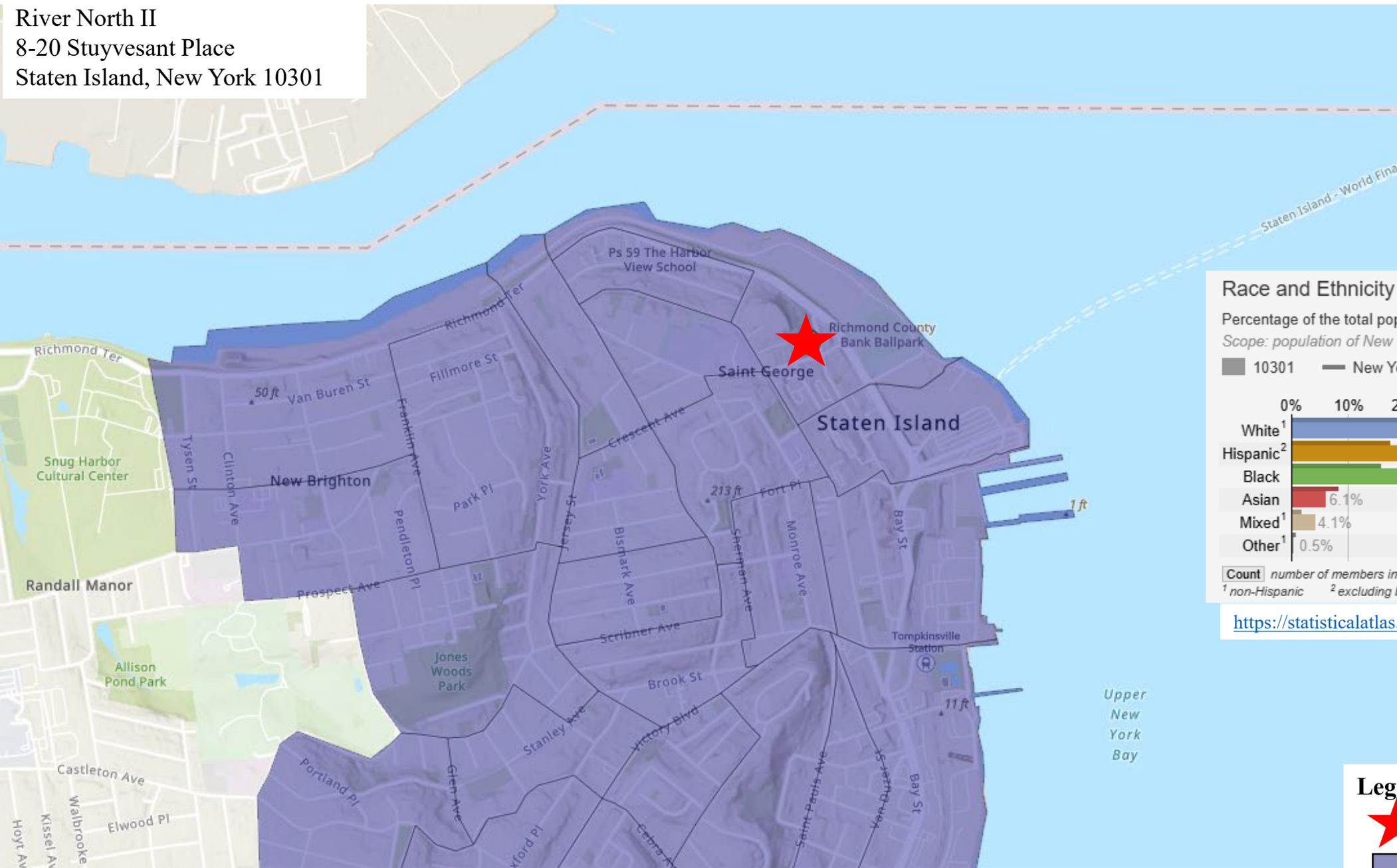
Date: October 2025
Source: NY Climate Act

EJ MAP
 River North II
 8-20 Stuyvesant Place
 Staten Island, New York 10301

Potential Environmental Justice Area
 PEJA Communities - Potential
 Environmental Justice Area (PEJA)
 Communities:
 15000US360850007004

Table	Zoom to
Census Block Group	15000US360850007004
PEJA	Yes
Percentage Below Poverty Level	12.32
Percentage Minority Population	88.54
Shape_Area	234,208.89
Shape_Length	3,103.51
Total Population	1,143.00

Date: October 2025
Source: NYS ArcGIS



<https://statisticalatlas.com/zip/10301/Race-and-Ethnicity>

Legend:
 Site Location
 Potential EJ Community

En-Zone Map

River North II
8-20 Stuyvesant Place
Staten Island, New York 10301

Legend:

-  Site Property
-  Boundary



	7
STATEFP	36
COUNTYFP	085
TRACTCE	000700
GEOID	36085000700
NAME	7
NAMELSAD	Census Tract 7
MTFCC	G5020
FUNCSTAT	S
ALAND	528114
AWATER	605460
INTPTLAT	+40.6478262
INTPTLON	-074.0809582
FIPS	36085000700
County_FIPS	36085
Geography	Census Tract 7
County	Richmond County
UnempRate	5.1
NYS_UR	7.1
Pov_Rate	22.2
County_PR	10.8
CountyRateX21.6	
Criteria_A	
Criteria_B	Y
Both_AB	
EnZoneType	B

October 2025
Source: Google Earth

EXHIBIT D

FLOOD MAP

River North II
8-20 Stuyvesant Place
Staten Island, New York 10301

Legend:



Site Location

All feature locations are approximate. This map is intended as a schematic to be used in conjunction with the associated report, and it should not be relied upon as a survey for planning or other activities.

October 2025
Source: FEMA Flood Map



NOTES TO USERS

This map is to be used in conjunction with the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. The community map preparator should be consulted for complete updated or additional flood hazard information.

To obtain more detailed information in areas where **Base Flood Elevations (BFEs)** and/or **Roomways** have been determined, users are encouraged to consult the "Coastal Flood Hazard Information" and/or summary of **Shaded Elevation** studies contained within the Flood Insurance Study (FIS) report that accompanied the FEMA. Users should be aware that FEMA's elevation data represent rounded "no-catch" elevations. These BFEs are intended for flood insurance purposes only and should not be used as the sole source of flood elevation information. Accurate flood elevation data presented in the FIS report should be used in conjunction with the FEMA for purposes of construction and/or floodplain management.

Coastal Base Flood Elevations (CBFEs) shown on this map apply only to the vicinity of the National Oceanic and Atmospheric Administration (NOAA) tide gauges. Users of this map should be aware that CBFEs are not shown in the Summary of Shaded Elevation Studies contained within the Flood Insurance Study report for this jurisdiction. CBFEs shown in the Summary of Shaded Elevation Studies should be used for construction and floodplain management purposes only when they are higher than the elevations shown on this map.

The **Roomways** were computed at cross sections and interpolated between cross sections. The roomways were based on hydraulic considerations and are not necessarily the same as the "Roomways" shown in the Flood Insurance Study report for this jurisdiction.

Certain areas not in Special Flood Hazard Areas may be protected by flood control structures. Refer to Section 2.4 "Flood Protection Measures" of the Flood Insurance Study report for information on flood control structures for this jurisdiction.

The projection used in the preparation of this map was the New York State Plane Coordinate System. The horizontal datum was the 1983 (NAD 83) datum. Differences in datum, applied projection or State Plane zones used in the preparation of FISs for adjacent jurisdictions may result in slight horizontal discrepancies in map features across jurisdiction boundaries. These differences do not affect the accuracy of the FIS.

Flood elevations on this map are referenced to the National Geodetic Vertical Datum of 1929. This datum is based on the mean sea level as determined at the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988. The National Geodetic Survey website at <http://www.ngs.noaa.gov> or contact the National Geodetic Survey at the following address:

National Geodetic Survey
2025 Montross Avenue
Washington, DC 20541
1215 East-West Highway
Silver Spring, Maryland 20910-1132
(301) 713-3242

To obtain current elevation, description and location information for bench marks shown on this map, please contact the National Geodetic Survey at the following address:

National Geodetic Survey
2025 Montross Avenue
Washington, DC 20541
1215 East-West Highway
Silver Spring, Maryland 20910-1132
(301) 713-3242

Base map information shown on this FIS was provided in digital format by the Department of Information Technology and Telecommunications, City of New York. This information was derived from digital orthorectified products at a scale of 1:1,200 with 2-foot pixel resolution from photography dated 2004.

Based on a 1:25,000 topographic information, this map reflects how details and approximate stream channel configurations and floodplain delineations that were shown on the previous FIS for this jurisdiction. As a result, the "Coastal Base Flood Elevations" and "Roomways" data shown in the Flood Insurance Study Report reflect the most accurate hydraulic data available. These data are shown on this map. Also, the most-to-floodplain relationships for areas shown on this map differ from what is shown on previous maps.

Corporate limits shown on this map are based on the best data available at the time of publication. Boundary changes due to annexations or de-annexations may have occurred after this map was published. Map users should consult appropriate community officials to verify current corporate boundaries.

Users refer to the accuracy of Flood Map Index for an overview map showing the layout of map panels for this jurisdiction.

Contact the **FEMA Map Service Center** at 1-800-358-9616 for information or available products associated with this FIS. Available products may include community-based, vector-based, change, Flood Insurance Study report, and/or digital version of this map. The FEMA Map Service Center map can be received by fax at 1-800-358-9620 and is available at <http://www.fema.gov>.

If you have questions about this map or questions concerning the National Flood Insurance Program in general, please call 1-877-FEMA-MAP (1-877-336-2627) or visit the FEMA website at <http://www.fema.gov>.

FLOOD HAZARD INFORMATION IS NOT SHOWN ON THIS MAP IN AREAS OUTSIDE OF THE CITY OF NEW YORK

LEGEND

- SPECIAL FLOOD HAZARD AREAS SUBJECT TO ANNEXATION BY THE 1% ANNUAL FLOOD FLOOD**
 - ZONE A: Special Flood Hazard Area Subject to Annexation by the 1% Annual Flood Flood
 - ZONE AE: Special Flood Hazard Area Subject to Annexation by the 1% Annual Flood Flood
 - ZONE AH: Special Flood Hazard Area Subject to Annexation by the 1% Annual Flood Flood
 - ZONE AR: Special Flood Hazard Area Subject to Annexation by the 1% Annual Flood Flood
 - ZONE AV: Special Flood Hazard Area Subject to Annexation by the 1% Annual Flood Flood
 - ZONE V: Special Flood Hazard Area Subject to Annexation by the 1% Annual Flood Flood
- OTHER FLOOD AREAS**
 - ZONE A: Special Flood Hazard Area Subject to Annexation by the 1% Annual Flood Flood
 - ZONE X: Special Flood Hazard Area Subject to Annexation by the 1% Annual Flood Flood
 - ZONE D: Special Flood Hazard Area Subject to Annexation by the 1% Annual Flood Flood
- COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS**
 - CBRS: Coastal Barrier Resources System (CBRS) Areas
 - CBRS: Coastal Barrier Resources System (CBRS) Areas
 - CBRS: Coastal Barrier Resources System (CBRS) Areas
- ROADWAYS**
 - ROADWAY: Roadway
 - ROADWAY: Roadway
 - ROADWAY: Roadway
- RAILROADS**
 - RAILROAD: Railroad
 - RAILROAD: Railroad
 - RAILROAD: Railroad
- WATER BODIES**
 - WATER BODY: Water Body
 - WATER BODY: Water Body
 - WATER BODY: Water Body
- BOUNDARIES**
 - BOUNDARY: Boundary
 - BOUNDARY: Boundary
 - BOUNDARY: Boundary
- UTILITIES**
 - UTILITY: Utility
 - UTILITY: Utility
 - UTILITY: Utility
- POINTS OF INTEREST**
 - POINT OF INTEREST: Point of Interest
 - POINT OF INTEREST: Point of Interest
 - POINT OF INTEREST: Point of Interest
- SCALE**
 - SCALE: Scale
 - SCALE: Scale
 - SCALE: Scale

PANEL 019F

FIRM
FLOOD INSURANCE RATE MAP

CITY OF
NEW YORK,
BROOKLYN, RICHMOND, NEW YORK,
QUEEN'S, AND KINGS COUNTIES

PANEL 189 OF 457

SEE MAP INDEX FOR FIRM PANEL LAYOUTS

COMMUNITY NUMBER: 3604870189F

MAP NUMBER: 3604870189F

MAP REVISED: SEPTEMBER 5, 2007

Federal Emergency Management Agency

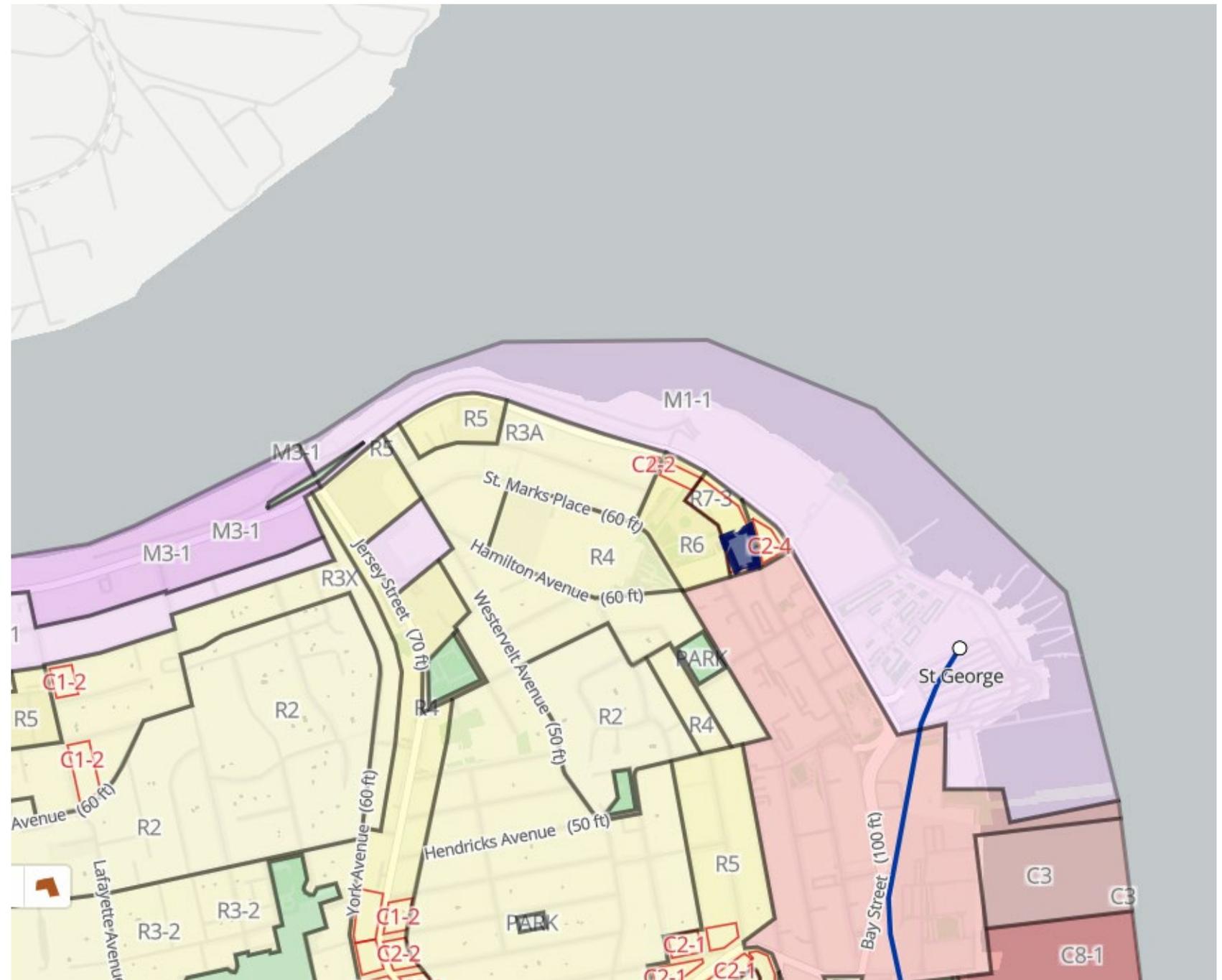
EXHIBIT E

ZONING MAP

River North II
8-20 Stuyvesant Place
Staten Island, New York 10301

Legend:

 Site property boundary
Zoning Districts: R7-3, SG and C2-4



October 2025
Source: NYC ZOLA

Zoning District: R7-3 – Residence District

R7 districts are medium-density apartment house districts mapped in much of the Bronx as well as the Upper West Side in Manhattan and Brighton Beach in Brooklyn. The height factor regulations for R7 districts encourage lower apartment buildings on smaller zoning lots and, on larger lots, taller buildings with less lot coverage. As an alternative, developers may choose the optional Quality Housing regulations to build lower buildings with greater lot coverage.

R7-3 and R9-1 districts, where special bulk, height and setback provisions apply, may be mapped only within waterfront areas and certain special purpose districts. R7-3 is mapped within the Special Hunters Point District and along the Williamsburg waterfront.

Zoning District: SG – Special St. George District

Zoning Resolution Chapter: 128-00

Maps:21c

Effective Date: 10/23/08

The Special St. George District (SG) was created to support a pedestrian-friendly business and residence district in a unique hillside waterfront community that is one of Staten Island's oldest commercial neighborhoods. Adjacent to the Staten Island Ferry, the area is a major transit hub and the borough's civic center. Special rules enhance designated commercial streets by requiring continuous ground floor commercial uses, with large windows and wider sidewalks. The configuration of towers is regulated in order to preserve views from upland areas to the waterfront. Vacant office buildings can now be more easily converted to residential use. Special parking and landscaping provisions are intended to provide a pleasing pedestrian experience.

Zoning District: C2-4 – Commercial Districts Overlays

C1-1 through C1-5 and C2-1 through C2-5 districts are commercial overlays mapped within residence districts. Mapped along streets that serve local retail needs, they are found extensively throughout the city's lower- and medium-density areas and occasionally in higher-density districts.

Typical retail uses include neighborhood grocery stores, restaurants and beauty parlors. C2 districts permit a slightly wider range of uses, such as funeral homes and repair services. In mixed buildings, commercial uses are limited to one or two floors and must always be located below the residential use.

When commercial overlays are mapped in R1 through R5 districts, the maximum commercial floor area ratio (FAR) is 1.0; when mapped in R6 through R10 districts, the maximum commercial FAR is 2.0. Commercial buildings are subject to commercial bulk rules.

Overlay districts differ from other commercial districts in that residential bulk is governed by the residence district within which the overlay is mapped. All other commercial districts that permit residential use are assigned a specific residential district equivalent. Unless otherwise indicated on the zoning maps, the depth of overlay districts ranges from 100 to 200 feet.

Generally, the lower the numerical suffix, the more off-street parking is required. For example, in C1-1 districts, typically mapped in outlying areas of the city, a large food store would require one parking space for every 100 square feet of floor area, whereas no parking is required in C1-5 districts, which are well served by mass transit.

EXHIBIT F

PREVIOUS AND CURRENT OWNERS & OPERATORS LIST
River North II
8-20 Stuyvesant Place, Staten Island, New York 10301

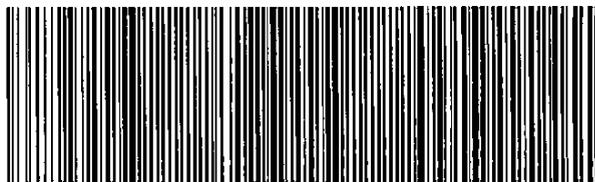
Year	Contact Information Current: Block 13, Lot 100 Former: Block 13, Lots 100, 103, and 104 (Merged November 2019) Owners	Status	Relation to Requestor
1984	Ethel Leibowitt and S. David Leibowitt (Lot 104) Address: Unknown Phone: Unknown	Unknown	None
Unknown - 1972	Hamilton Arms, Inc. (Lot 100 and 103) Address: Unknown Phone: Unknown	Unknown	None
1972 – 1985	Hamilton Associates Address: Unknown Phone: Unknown	Unknown	None
1985 - 1992	Stuyvesant-Hamilton Associates Address: Unknown Phone: Unknown	Unknown	None
1992 – 1992	Aquarius Properties, Inc. Address: Unknown Phone: Unknown	Unknown	None
1992 – 1995	Property Asset Management Inc. Address: Unknown Phone: Unknown	Unknown	None
1995 - 1999	Interstate Development Limited Partnership Address: Unknown Phone: Unknown	Unknown	None
1999 – 2005	Adrian Alexandru Address: c/o Animal Clinic of Bay Ridge 689 86 th Street Brooklyn, New York 11228 Phone: (718) 833-0700	Active	None
2005 - 2007	Richmond Mountainside Property LLC Address: 164 Avenue K Brooklyn, New York 11230 Phone: Unknown	Active	None
2007 – 2018	Liberty Towers Realty LLC Address: 1104 Avenue K Brooklyn, New York 11230 Phone: Unknown	Active	None
12/5/2018 – Present	Richmond SI Owner LLC Address: 520 Madison Avenue, Suite 3501 New York, New York 10022 Phone: (646) 747-2235	Active	None
Operators			
1898	Three Dwellings and a Storage Shed	N/A	None
1917	Nine Dwellings	N/A	None
1928	Davis & Davis Real Estate Insurance Address: Unknown Phone: Unknown	Unknown	None
1937 - 1962	Eight Dwelling and Building Labeled “Insurance Bank”	N/A	None
1977 – Present	Undeveloped/Vacant	N/A	None

EXHIBIT G



Office of the
Richmond County Clerk
130 Stuyvesant Place
Staten Island, NY 10301

Hon. Stephen J. Fiala, County Clerk



ACS-00000000631748-00000000835143-013

Recording and Endorsement Cover Page

Document Type: DEED NON-RESIDENTIAL
Document Page Count: 13

PRESENTER:
KENSINGTON VANGUARD NATIONAL LAND SERVICES
39 WEST 37TH STREET, 3RD FLOOR
816169(S-NY-CP-KV)C
NEW YORK, NY 10018

RETURN TO:
MADISON REALTY CAPITAL
825 THIRD AVENUE, 37TH FL
NEW YORK, NY 10022

Block	Lot	PROPERTY DATA	# OF BLOCKS	1	# OF LOTS	5
13	82	Entire Lot				

"And Addl Blocks and/or Lots"

PARTIES

GRANTOR
LIBERTY TOWERS REALTY LLC

GRANTEE
RICHMOND SI OWNER LLC

SUPPORTING DOCUMENTS

RPT
TP-584
RP5217 NYC(1 Original & 1 Copy with Document)
HOUSING AFFIDAVIT

PAYMENT DETAIL

Make Checks Payable to:

Richmond County Clerk: 323.00 Recording Fees

Total Payments For This Document: 323.00

FEES PAID

SF DEC 27 2018

EXAM _____ DATE _____

RECORDED IN RICHMOND COUNTY

DEC 28 2018

LAND DOC# 725033

23M-DEEDS
RETT: 3829 \$.00
RPT: 3829 \$.00
12/28/2018 01:49:08 P.M.
RECEIPT: 51179 FEE: \$323.00
RICHMOND COUNTY CLERK



DEED

THIS INDENTURE, made as of the 5th day of December, 2018 by and among JOEL M. SHAFFERMAN, ESQ. as agent in fact for Liberty Towers Realty LLC pursuant to the Plan of Reorganization of Richmond Liberty LLC ("Grantor"), and RICHMOND SI OWNER LLC, a Delaware limited liability company, having an address at c/o Madison Realty Capital, 825 Third Avenue, 37th Floor, New York, New York 10022 ("Grantee").

WITNESSETH, that the Grantor, in consideration of Ten and 00/100 Dollars (\$10.00) and other valuable consideration paid by the Grantee, does hereby grant and release unto Grantee, and its successors and assigns forever, all that certain plot, piece or parcel of land, situate, lying and being in the Borough of Staten Island, City and State of New York, bounded and described as set forth on Exhibit A annexed hereto.

Being and intended to be all of the Grantor's right, title and interest in the premises conveyed to Grantor by deed dated as of July 26, 2007 from Richmond Mountainside Property LLC and recorded in the Office of the Clerk of Richmond County, State of New York on September 19, 2007 as Land Document No. 218209.

TOGETHER with all right, title and interest, if any, of Grantor in and to any streets and roads abutting the above described premises to the center lines thereof; TOGETHER with the appurtenances and all the estate and rights of the Grantor in and to said premises; TO HAVE AND TO HOLD the premises herein granted unto the Grantee, its successors and assigns forever.

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

[Remainder of page intentionally left blank.]

IN WITNESS WHEREOF, Grantor has executed this Deed as of December 5, 2018.

LIBERTY TOWERS REALTY LLC,
a Delaware limited liability company

By: [Signature]

Name: Joel M. Shafferman

Title: Agent in fact pursuant to the Plan of
Reorganization of Richmond Liberty
LLC

ACKNOWLEDGMENT

STATE OF NEW YORK)
) ss.:
COUNTY OF New York)

On the 4th day of December in the year 2018, before me, the undersigned, a Notary Public in and for said State, personally appeared **JOEL M. SHAFFERMAN**, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

[Signature]
Seal

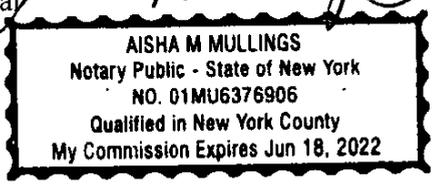


EXHIBIT A

Legal Description

Parcel I (Tax Lots: 82 and 92):

ALL that certain lot, piece or parcel of land, situate, lying and being in the Borough of Staten Island, County of Richmond, State of New York.

BEGINNING at a point on the westerly side of Stuyvesant Place, 50 feet wide, distant 306.15 feet northerly from the corner formed by the intersection of the westerly side of Stuyvesant Place, and the northerly side of Hamilton Avenue;

RUNNING THENCE South 65 degrees 09 minutes 10 seconds West, 183.57 feet;

THENCE North 17 degrees 06 minutes 24 seconds West, 84.00 feet;

THENCE North 27 degrees 02 minutes 24 seconds West, 38.50 feet;

THENCE North 28 degrees 01 minute 24 seconds West, 42.00 feet;

THENCE North 33 degrees 29 minutes 24 seconds West, 42.00 feet;

THENCE North 41 degrees 58 minutes 20 seconds West, 20.44 feet;

THENCE North 49 degrees 14 minutes 20 seconds East, 111.86 feet to the westerly side of Richmond Terrace;

THENCE southerly along the westerly side of Richmond Terrace and Stuyvesant Place, the following four courses and distances:

1. South 54 degrees 16 minutes 20 seconds East, 21.48 feet;
2. South 51 degrees 40 minutes 11 seconds East, 75.72 feet;
3. Southeasterly along the arc of a curve bearing to the right, and having a radius of 344.53 feet, an arc length of 74.88 feet;
4. Southeasterly along the arc of a curve bearing to the right, and having a radius of 328.67 feet, an arc length of 100.00 feet to the point or place of BEGINNING.

Parcel II (Tax Lots 100, 103 and 104):

ALL that certain lot, piece or parcel of land, situate, lying and being in the Borough of Staten Island, County of Richmond, State of New York. bounded and described as follows:

BEGINNING at the corner formed by the intersection of the westerly line of Stuyvesant Place, with the northerly line of Hamilton Avenue;

RUNNING THENCE North 6 degrees 44 minutes 49 seconds West, along the westerly line of Stuyvesant Place, 95.62 feet;

THENCE North 11 degrees 25 minutes 36 seconds West, still along the westerly line of Stuyvesant Place, 122.82 feet;

THENCE North 18 degrees 16 minutes 4 seconds West, still along the westerly line of Stuyvesant Place, 32.39 feet;

THENCE South 68 degrees 6 minutes 41 seconds West, 187.39 feet;

THENCE South 17 degrees 23 minutes 24 seconds East, 84.80 feet;

THENCE North 72 degrees 22 minutes 06 seconds East, 9 feet;

THENCE South 23 degrees 16 minutes 24 seconds East, 148.30 feet to the northerly line of Hamilton Avenue;

THENCE North 73 degrees 16 minutes 32 seconds East, and along the northerly line of Hamilton Avenue, 132.70 feet to the corner, the point or place of BEGINNING.

UNITED STATES BANKRUPTCY COURT
EASTERN DISTRICT OF NEW YORK

-----X

In re:

Confirmed Chapter 11
Case No. 15-44866 (ESS)

RICHMOND LIBERTY, LLC

Reorganized Debtor.

-----X

ORDER IN FURTHERANCE OF DEBTOR'S AMENDED PLAN OF
REORGANIZATION AND CONFIRMATION ORDER
AND APPOINTING AGENT

RICHMOND LIBERTY LLC ("Richmond" or the "Reorganized Debtor") having proposed its Amended Plan of Reorganization of Richmond Liberty LLC dated August 10, 2017 (the "Plan") (ECF doc. no. 122) and the court having entered an Order Approving Amended Plan of Reorganization of Richmond Liberty LLC and Fixing Deadlines for Filing Certain Claims (the "Confirmation Order") (ECF doc. no. 142) on January 8, 2018; and upon Richmond's application for an order in accordance with and in furtherance of the Plan and the Confirmation Order (the "Motion") (ECF doc. no. 192); and NCC Capital LLC ("NCC") having filed an objection to the Motion (ECF doc. no. 196); and WF Liberty LLC having filed a reply in further support of the Motion (ECF doc. no. 197); and a hearing having been held before this Court on October 23, 2018; and it appearing that it is necessary for the entry of an order pursuant to 11 U.S.C. §1142 to aid in confirmation of the Plan in order to consummate the transactions contemplated by the Plan; and after due deliberation and sufficient cause appearing therefor, it is hereby

~~ORDERED, that the Motion is granted, and it is further~~

ORDERED, that NCC's objection to the Motion is overruled; and it is further

ORDERED, that Joel M. Shafferman, Esq. is hereby appointed Agent, as defined in the Plan¹, to act as agent in fact for the LTR Entities to execute any and all documents necessary to

¹Capitalized terms not otherwise defined in this order shall have the meanings ascribed to them in the Plan and/or the Confirmation order.

effectuate the Plan, including, but not limited to executing and delivering bargain and sale deeds and the transfer documents required to convey the Properties to the Reorganized Debtor, or its assignee; and it is further

ORDERED, that the fees and expenses of the Agent will be borne by Richmond, to be capped at \$2,500 and will not be deducted from the LTR Entities' Creditors' Fund; and it is further

ORDERED that all other provisions of the Plan and the Confirmation Order shall remain in full force and effect; and it is further

ORDERED that this Court shall may retain jurisdiction to resolve any disputes or controversies arising from entry of this Order and the enforcement thereof.

I hereby attest and certify on 10/31/18 that this document is a full, true and correct copy of the original filed on the court's electronic case filing system.

Clerk, US Bankruptcy Court, EDNY

By Small Deputy Clerk

Dated: Brooklyn, New York
October 30, 2018



Elizabeth S. Stong
Elizabeth S. Stong
United States Bankruptcy Judge

Notice Recipients

District/Off: 0207-1

User: jlecky

Date Created: 10/31/2018

Case: 1-15-44866-ess

Form ID: pdf000

Total: 3

Recipients of Notice of Electronic Filing:

ust Office of the United States Trustee USTPRegion02.BR.ECF@usdoj.gov
aty Arnold Mitchell Greene amg@robinsonbrog.com

TOTAL: 2

Recipients submitted to the BNC (Bankruptcy Noticing Center):

intp Liberty Towers Realty I, LLC 1877 E. 9th Street Brooklyn, NY 11223

TOTAL: 1

COPY

REAL PROPERTY TRANSFER REPORT

STATE OF NEW YORK
STATE BOARD OF REAL PROPERTY SERVICES

RP - 5217NYC



FOR CITY USE ONLY

C1. County Code C2. Date Deed Recorded / /
 C3. Book OR C4. Page
 C5. CRFN

PROPERTY INFORMATION

1. Property Location 178 RICHMOND TERRACE STATEN ISLAND 10301
STREET NUMBER STREET NAME BOROUGH ZIP CODE

2. Buyer Name RICHMOND SI OWNER LLC
LAST NAME / COMPANY FIRST NAME

LAST NAME / COMPANY FIRST NAME

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

STREET NUMBER AND STREET NAME CITY OR TOWN STATE ZIP CODE

4. Indicate the number of Assessment Roll parcels transferred on the deed 5 # of Parcels OR Part of a Parcel

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

5. Deed Property Size X OR ACRES
FRONT FEET DEPTH

Check the boxes below as they apply:
 6. Ownership Type is Condominium
 7. New Construction on Vacant Land

8. Seller Name LIBERTY TOWERS REALTY LLC
LAST NAME / COMPANY FIRST NAME

LAST NAME / COMPANY FIRST NAME

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

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

SALE INFORMATION

10. Sale Contract Date 11 / 21 / 2013
Month Day Year

11. Date of Sale / Transfer 12 / 4 / 2018
Month Day Year

12. Full Sale Price \$ 1,050,000
(Full Sale Price is the total amount paid for the property including personal property. This payment may be in the form of cash, other property or goods, or the assumption of mortgages or other obligations.) Please round to the nearest whole dollar amount.

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

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

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

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

15. Building Class V, 1 16. Total Assessed Value (of all parcels in transfer) 1,713,330
1 7 1 3 3 3 0

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

STATEN ISLAND 13 82 STATEN ISLAND 13 92 STATEN ISLAND 13 100

CERTIFICATION

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

BUYER			BUYER'S ATTORNEY	
BUYER SIGNATURE <i>see attached</i>	DATE	LAST NAME	FIRST NAME	
C/O: MADISON REALTY CAPITAL, 825 THIRD AVENUE, 37TH FLOOR			AREA CODE	TELEPHONE NUMBER
STREET NUMBER NEW YORK	STREET NAME (AFTER SALE)	STATE NY	ZIP CODE 10022	SELLER <i>see attached</i>
CITY OR TOWN	STATE	ZIP CODE	SELLER SIGNATURE	DATE

**CERTIFICATION PAGE
(RP-5217NYC)**

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

SELLER:

Employer Identification Number:

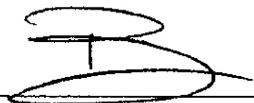
LIBERTY TOWERS REALTY LLC,
a Delaware limited liability company

By: _____
Name: Joel M. Shafferman
Title: Agent in fact pursuant to the
Plan of Reorganization of
Richmond Liberty LLC

BUYER:

Employer Identification Number: 83-1517931

RICHMOND SI OWNER LLC,
a Delaware limited liability company

By:  _____
Name: Brian Shatz
Title: Authorized Signatory

**CERTIFICATION PAGE
(RP-5217NYC)**

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

SELLER:

Employer Identification Number:

LIBERTY TOWERS REALTY LLC,
a Delaware limited liability company

By: _____
Name: Joel M. Shafferman
Title: Agent in fact pursuant to the
Plan of Reorganization of
Richmond Liberty LLC

BUYER:

Employer Identification Number: 83-1517931

RICHMOND SI OWNER LLC,
a Delaware limited liability company

By: _____
Name:
Title:

RP - 5217 NYC

ATTACHMENT

Borough	Block	Lot
STATEN ISLAND	13	103
STATEN ISLAND	13	104

OFFICE OF THE RICHMOND COUNTY CLERK
130 STUYVESANT PLACE
STATEN ISLAND, NY 10301
HON. STEPHEN J. FIALA
COUNTY CLERK



RCC-4288-5634

RECORDING ENDORSEMENT PAGE

THIS ENDORSEMENT PAGE IS PART OF THE INSTRUMENT PRESENTED FOR RECORDING. THE ENDORSEMENT PAGE AND THE DOCUMENT RECORDED WITH IT HAVE BEEN PREPARED BY THE PARTIES TO THE TRANSACTION AND/OR THEIR AGENTS. THEY ARE SOLELY RESPONSIBLE FOR THE CONTENTS THEREOF. ANY QUESTIONS ABOUT THE CONTENTS SHOULD BE ADDRESSED TO THE PARTIES AND/OR THEIR AGENTS. THE PARTIES AND/OR THEIR AGENTS REQUEST THAT THIS DOCUMENT BE INDEXED ACCORDING TO THE INFORMATION THEY ARE PROVIDING ON THIS ENDORSEMENT PAGE.

DOCUMENT SUBMITTED

DEED

SUBMITTED FOR RECORDING BY:

KENSINGTON VANGUARD
KENSINGTON VANGUARD
39 WEST 37TH STREET, 3RD FLOOR
NEW YORK, NY 10018

RECORD AND RETURN TO:

KENSINGTON VANGUARD
KENSINGTON VANGUARD
39 WEST 37TH STREET, 3RD FLOOR
NEW YORK, NY 10018

PROPERTY DATA BLOCKS: 1 LOTS: 2

BLOCK	LOT	BLOCK	LOT	BLOCK	LOT	BLOCK	LOT
13	92	13	100				

PARTIES

NAME	COMPANY	PARTY	NAME	COMPANY	PARTY
	RICHMOND SI OWNER LLC	GRANTOR		RICHMOND SI OWNER LLC	GRANTEE

INDEXING NOTICE

THE OFFICE OF THE RICHMOND COUNTY CLERK WILL RELY UPON THE INFORMATION PROVIDED ON THIS ENDORSEMENT PAGE (INCLUDING THE SPELLING OF PARTIES' NAMES) FOR INDEXING THIS INSTRUMENT.

THIS ENDORSEMENT PAGE WILL CONTROL IN THE EVENT OF A CONFLICT BETWEEN THE ENDORSEMENT PAGE AND OTHER PARTS OF THE DOCUMENT.

PAYMENT DETAILS (NO PERSONAL CHECKS)

RECORDING FEES:	\$306.00	PAYABLE TO "RICHMOND COUNTY CLERK"
NYS RETT:	\$0.00	PAYABLE TO "RICHMOND COUNTY CLERK"
NYC RPT:	\$0.00	PAYABLE TO "COMMISSIONER OF FINANCE"
MORTGAGE TAX:	\$0.00	PAYABLE TO "RICHMOND COUNTY CLERK"
TOTAL CHECK PAYMENTS TO A PAYEE IN EXCESS OF \$20,000.00 MUST BE CERTIFIED		

REVIEWED BY:

19 NOV 2019

SUPERVISOR (IF REQUIRED):

FOR OFFICE USE ONLY:

LAND DOC# 759315

Deed
RETT: 2645 \$00.00
RPT: 2645 \$00.00
11/20/2019 9:57 AM
Receipt: 40556 Fee: \$306.00
Richmond County Clerk

RECORDED IN RICHMOND COUNTY

FEE PAID

COUNTY CLERK

CONFIRMATORY DEED

RICHMOND SI OWNER LLC

to

RICHMOND SI OWNER LLC

Dated: as of November 14, 2019

**BOROUGH: STATEN ISLAND
BLOCK: 13
LOT: 92 and 100**

RECORD AND RETURN TO:

**KRAMER LEVIN NAFTALIS & FRANKEL LLP
1177 AVENUE OF THE AMERICAS
NEW YORK, NEW YORK 10036
ATTN: PAUL D. SELVER, ESQ.**

CONFIRMATORY DEED

THIS CONFIRMATORY DEED, made as of the 14th day of November 2019, by **RICHMOND SI OWNER LLC**, a Delaware limited liability company, having an office at c/o Madison Realty Capital, 520 Madison Avenue, Suite 3501, New York, New York 10022 (“Grantor”) to **RICHMOND SI OWNER LLC**, a Delaware limited liability company, having an office at c/o Madison Realty Capital, 520 Madison Avenue, Suite 3501, New York, New York 10022 (“Grantee”).

WITNESSETH

WHEREAS, pursuant to a deed made by Joel M. Shafferman, Esq. as agent in fact for Liberty Tower Realty LLC pursuant to the Plan of Reorganization of Richmond Liberty LLC, dated as of December 5, 2018, and recorded in the Office of the Clerk of Richmond County, state of New York (the “Clerk’s Office”) on December 28, 2018 as Land Document No. 725033, Grantor is the owner of all that certain plot, piece, or parcel of land, with the buildings and improvements thereon erected, situate, lying and being in the Borough of Staten Island, County of Richmond, State of New York, designated as Block 13, Lot 92 (formerly known as Lot 92 and a portion of Lot 82) and Lot 100 (formerly known as Lots 100, 103 and 104), as shown on the Tax Map of the City of New York, Borough of Staten Island (the “Tax Map”) and as more particularly described on Exhibit A attached hereto.

WHEREAS, for the purpose of updating the real property records in the Clerk’s Office to reflect the reconfiguration of the tax lots comprising premises, Grantor desires to record this Confirmatory Deed in the Clerk’s Office.

WHEREAS, Grantor remains the sole owner of all that certain plot, piece, or parcel of land, with the buildings and improvements thereon erected, situate, lying and being in the Borough of Staten Island, County of Richmond, State of New York, designated as Block 13, Lots 92 and 100 on the Tax Map, as described on Exhibit A attached hereto, and in consideration of Ten Dollars (\$10.00) and other good and valuable consideration paid by Grantee, does hereby grant and release unto Grantee, its successors and assigns forever;

ALL of Grantor’s right, title and interest, if any, in and to that certain plot, piece, or parcel of land, with the buildings and improvements thereon erected, situate, lying and being in the Borough of Staten Island, County of Richmond, State of New York, designated as Block 13, Lots 92 and 100 on the Tax Map, as described on Exhibit A attached hereto;

TO HAVE AND TO HOLD the premises herein granted unto Grantee, its successors and assigns forever.

AND Grantor, in compliance with Section 13 of the Lien Law, covenants that Grantor will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the

improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose.

[SIGNATURE PAGE FOLLOWS]

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

RICHMOND SI OWNER LLC

By: 
Name: David Speiser
Title: Authorized Signatory

STATE OF NEW YORK)

) ss.:

COUNTY OF NEW YORK)

On the 4th day of November, 2019 before me, the undersigned, personally appeared David Speiser, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual, or the person on behalf of which the individual acted, executed the instrument.



Notary Public

JIGANASA PARIKH-SILO
Notary Public, State of New York
No. 01PA6179443
Qualified in Richmond County
Certificate on file in New York County
Commission Expires 01.13.20

EXHIBIT "A"

Legal Description of the Premises

Block 13, Lot 92 (formerly known as Lot 92 and a portion of Lot 82)

BEGINNING at a point on the southwesterly side of Richmond Terrace (100' wide); which point is distant 530.74 feet southeasterly, as measured along said southwesterly side of Richmond Terrace, from the point formed by the intersection of said southwesterly side of Richmond Terrace with the southeasterly side of Nicholas Street.

1. Running thence along said southwesterly side of Richmond Terrace along a curve deflecting to the right having a radius of 344.53 feet, a central angle of 07 degrees 20 minutes and 51 seconds, and a length of 44.18 feet to a point of curvature therein.
2. Thence continuing along said southwesterly side of Richmond Terrace along a curve deflecting to the right having a radius of 328.67 feet, a central angle of 17 degrees, 25 minutes and 57 seconds and a length of 100.00 feet to a point.
3. Thence south 65 degrees 09 minutes 10 seconds west 183.57 feet to a point.
4. Thence north 17 degrees 06 minutes 24 seconds west 84.00 feet to a point.
5. Thence north 27 degrees 02 minutes 24 seconds west 38.50 feet to a point.
6. Thence north 57 degrees 47 minutes 40 seconds east 151.49 feet to the point or place of beginning.

Block 13, Lot 100 (formerly known as Lots 100, 103 and 104)

BEGINNING at the point formed by the intersection of the northerly side of Hamilton Avenue, (50' Wide) with the westerly side of Stuyvesant Place. (Irregular Width).

1. Running thence along said northerly side of Hamilton Avenue south 73 degrees 16 minutes 32 seconds west 132.70 feet to a point.
2. Thence north 23 degrees 16 minutes 24 seconds west 148.30 feet to a point.
3. Thence south 72 degrees 22 minutes 06 seconds west 9.00 feet to a point.
4. Thence north 17 degrees 23 minutes 24 seconds west 84.80 feet to a point.
5. Thence north 68 degrees 06 minutes 41 seconds east 187.39 feet to a point on said westerly side of Stuyvesant Place.
6. Thence along said westerly side of Stuyvesant Place south 18 degrees 16 minutes 04 seconds east 32.39 feet to an angle point therein.
7. Thence continuing along said westerly side of Stuyvesant Place south 11 degrees 25 minutes 36 seconds east 122.82 feet to an angle point therein.
8. Thence continuing along said westerly side of Stuyvesant Place south 06 degrees 44 minutes 49 seconds east 95.62 feet to the point or place of beginning.

FOR CITY USE ONLY

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

C3. Book OR C4. Page

C5. CRFN



REAL PROPERTY TRANSFER REPORT
 STATE OF NEW YORK
 STATE BOARD OF REAL PROPERTY SERVICES
RP - 5217NYC

PROPERTY INFORMATION

1. Property Location N/A RICHMOND TERRACE STATEN ISLAND 10301
 STREET NUMBER STREET NAME BOROUGH ZIP CODE

2. Buyer Name RICHMOND SI OWNER LLC
 LAST NAME / COMPANY FIRST NAME

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

4. Indicate the number of Assessment Roll parcels transferred on the deed 2 # of Parcels OR Part of a Parcel

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

5. Deed Property Size FRONT FEET X DEPTH OR ACRES

6. Ownership Type is Condominium
 7. New Construction on Vacant Land

8. Seller Name RICHMOND SI OWNER LLC
 LAST NAME / COMPANY FIRST NAME

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

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

SALE INFORMATION

10. Sale Contract Date 11 / 14 / 2019
 Month Day Year

11. Date of Sale / Transfer 11 / 14 / 2019
 Month Day Year

12. Full Sale Price \$ _____ 0
 (Full Sale Price is the total amount paid for the property including personal property. This payment may be in the form of cash, other property or goods, or the assumption of mortgages or other obligations.) Please round to the nearest whole dollar amount.

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

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

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

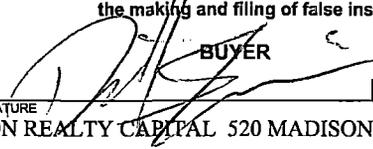
ASSESSMENT INFORMATION - Data should reflect the latest Final Assessment Roll and Tax Bill

15. Building Class V 1 16. Total Assessed Value (of all parcels in transfer) 1 0 1 6 1 0 0

17. Borough, Block and Lot / Roll Identifier(s) (If more than three, attach sheet with additional Identifier(s))
 STATEN ISLAND 13 92 STATEN ISLAND 13 100

CERTIFICATION

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

 BUYER		BUYER'S ATTORNEY	
BUYER SIGNATURE	DATE	LAST NAME	FIRST NAME
C/O MADISON REALTY CAPITAL	11.05.19		
520 MADISON AVE., SUITE 3501			
STREET NUMBER	STREET NAME (AFTER SALE)	AREA CODE	TELEPHONE NUMBER
NEW YORK	NY	10022	SELLER
CITY OR TOWN	STATE	ZIP CODE	DATE
			11.05.19

David Speiser,
authorized signatory

David Speiser,
authorized signatory

EXHIBIT H

Stuyvesant VCD LLC
141 W. 36th Street, Suite 14
New York, New York 10018

Richmond SI Owner LLC
Attn: Zachary Kadden
520 Madison Avenue, Suite 3510
New York, NY 10022

**Re: Site Access to Perform Brownfield Cleanup Program Work
8-20 Stuyvesant Place
Staten Island, NY 10301**

Dear Mr. Kadden:

Stuyvesant VCD LLC is submitting a Brownfield Cleanup Program (“BCP”) Application to the New York State Department of Environmental Conservation to voluntarily investigate and remediate the property located at 8-20 Stuyvesant Place, Staten Island, NY 10312 (Tax Parcel No. Block 13, Lot 100) (the “BCP Site”). Richmond SI Owner LLC is the current owner of the BCP Site. Stuyvesant VCD LLC needs your written permission below, as a representative of Richmond SI Owner LLC, to access the BCP Site for the purpose of performing environmental investigation and remediation work for acceptance into the BCP.

By signing below, Richmond SI Owner LLC is granting Stuyvesant VCD LLC what is known as a “temporary license” to allow hired contractors to enter the property to perform investigation and remediation work. Stuyvesant VCD LLC promises to provide Richmond SI Owner LLC with copies of any information generated about the BCP Site, and if the BCP Site is damaged due to or in the course of BCP work, Stuyvesant VCD LLC agrees to repair the damage and to restore the BCP Site to the way it was before entered. All hired contractors will also maintain insurance that would cover any accidents on the job. Stuyvesant VCD LLC promises to minimize any and all inconvenience to Richmond SI Owner LLC in connection with this work, and we will give you one-week notice before the work begins.

In addition, in the unlikely circumstance that Richmond SI Owner LLC still owns the BCP Site when the remediation is complete and the Certificate of Completion is about to be obtained, and a Track 1 remediation level is not achieved, Richmond SI Owner LLC hereby also agrees to impose an environmental easement on the BCP Site if required by the New York State Department of Environmental Conservation. Thank you for your cooperation.

Sincerely,

Stuyvesant VCD LLC

By: 
Name: Peter Serpico
Title: Member

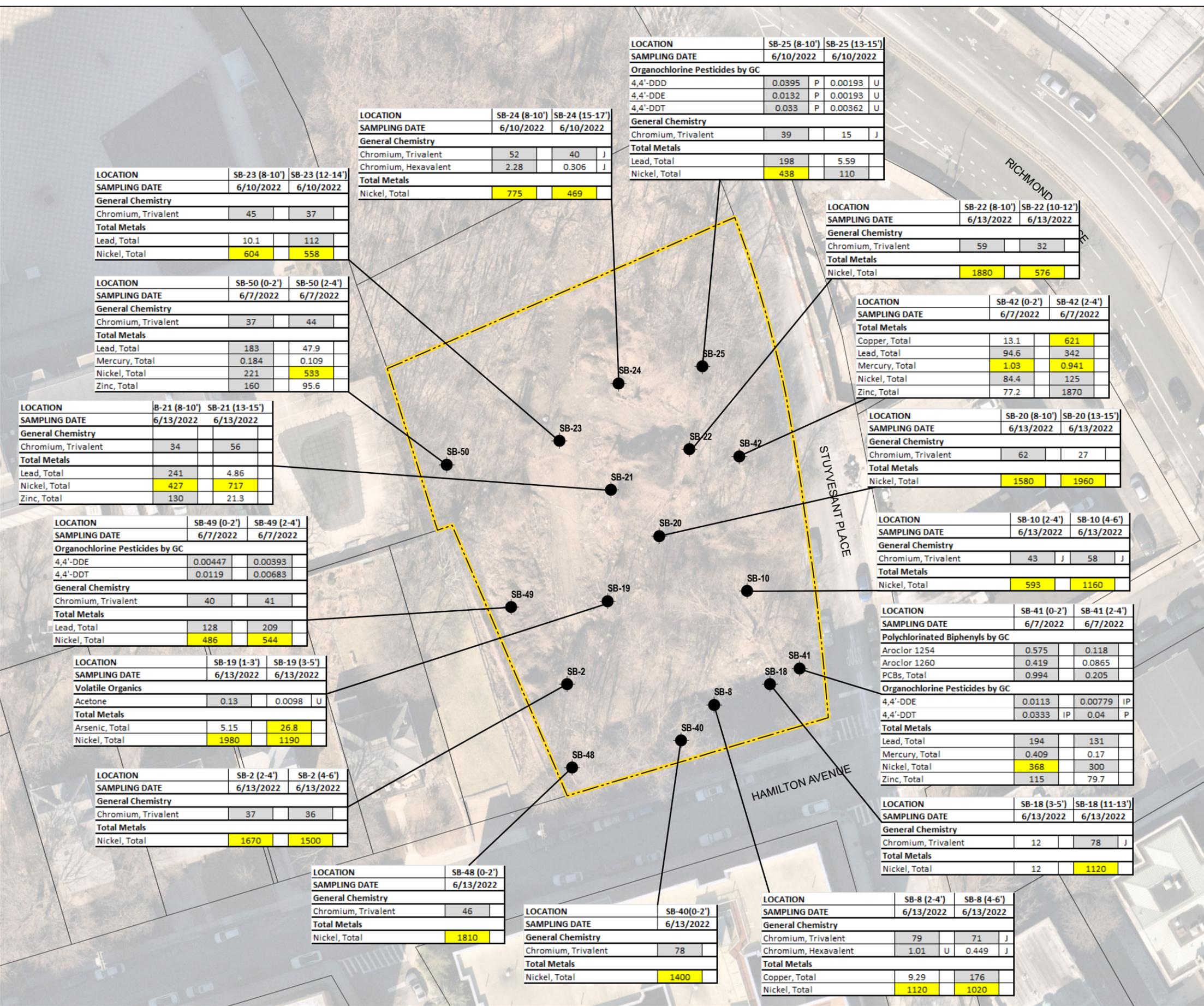
As a member of the site owner, I am authorized to grant this temporary license and agree to allow Stuyvesant VCD LLC and its agents to enter the BCP Site to perform the BCP Investigation and/or remediation work required.

Richmond SI Owner LLC

By: 
Name: Zachary Kadden
Title: Authorized Signatory

Exhibit I

GIS:\haleyaldrich.com\share\CP\Projects\020723\GIS\Map\2025_03_RIVER_NORTH_2_RIR\21183_00_0004_SOIL_RESULTS_EXCEEDANCE_MAP.mxd - dwerter - 3/14/2025 12:02:52 PM



LEGEND

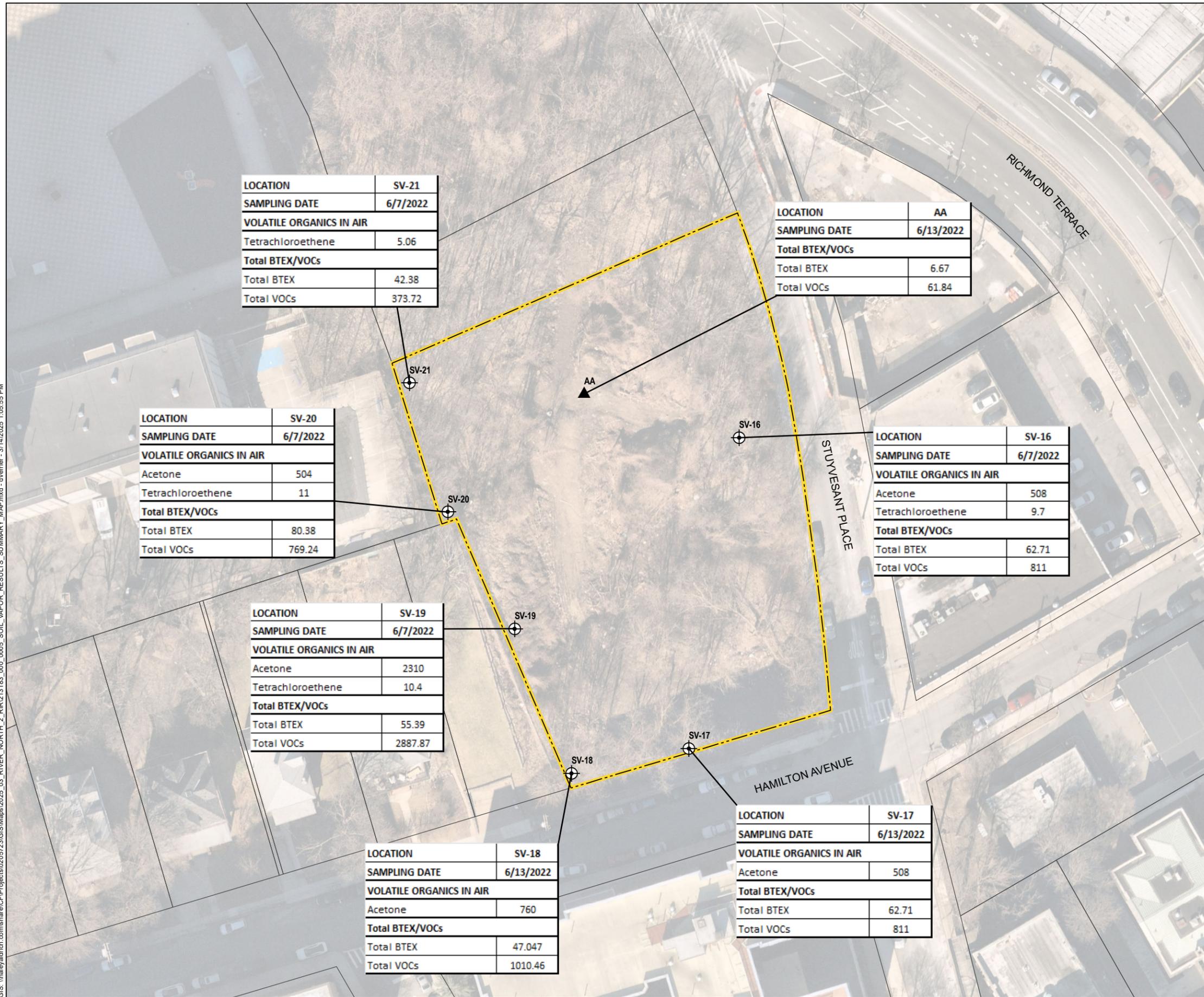
- SOIL BORING
- ▭ PARCEL BOUNDARY
- ▭ SITE BOUNDARY

Part 375 SCOs			
Analyte	NY-RESRR	NY-UNRES	Units
Organochlorine Pesticides by GC			
4,4'-DDE	8.9	0.0033	mg/kg
4,4'-DDT	7.9	0.0033	mg/kg
4,4'-DDD	13	0.0033	mg/kg
Dieldrin	0.2	0.005	mg/kg
General Chemistry			
Chromium, Hexavalent	110	1	mg/kg
Chromium, Trivalent	180	30	mg/kg
Polychlorinated Biphenyls by GC/MS			
Aroclor 1248	1	0.01	mg/kg
Aroclor 1254	1	0.1	mg/kg
Aroclor 1260	1	0.1	mg/kg
PCBs, Total	1	0.1	mg/kg
Total Metals			
Arsenic, Total	16	13	mg/kg
Copper, Total	270	50	mg/kg
Lead, Total	400	63	mg/kg
Mercury, Total	0.81	0.18	mg/kg
Nickel, Total	310	30	mg/kg
Zinc, Total	10000	109	mg/kg
Volatile Organics by EPA 5035			
Acetone	100	0.05	mg/kg

- NOTES**
- ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
 - EXCEEDANCES OF NY-UNRES SCOS ARE SHADED GRAY.
 - EXCEEDANCES OF NY-UNRES AND NY-RESRR ARE SHADED YELLOW.
 - DEFINITIONS:
 NY-RESGW = NYSDEC PART 375 PROTECTION OF GROUNDWATER SCO
 NY-RESRR = NYSDEC PART 375 RESTRICTED-USE RESIDENTIAL SCO
 U = NON-DETECT
 J = ESTIMATED VALUE
 I = THE LOWER VALUE FOR THE TWO COLUMNS HAS BEEN REPORTED DUE TO OBVIOUS INTERFERENCE
 P = THE RPD BETWEEN THE RESTULS FOR THE TWO COLUMNS EXCEEDS THE METHOD SPECIFIC CRITERIA
 - ASSESSOR PARCEL DATA SOURCE: CITY OF NEW YORK
 - AERIAL IMAGERY SOURCE: NEARMAP, 27 FEBRUARY 2022



GIS: \\haleyaldrich.com\share\CP\Projects\025723\GIS\Map\2025_03_RIVER_NORTH_2_RIR\213183_000_0005_SOIL_VAPOR_RESULTS_SUMMARY_MAP.mxd - d:\verlier - 3/14/2025 1:05:55 PM



LOCATION	SV-21
SAMPLING DATE	6/7/2022
VOLATILE ORGANICS IN AIR	
Tetrachloroethene	5.06
Total BTEX/VOCs	
Total BTEX	42.38
Total VOCs	373.72

LOCATION	AA
SAMPLING DATE	6/13/2022
Total BTEX/VOCs	
Total BTEX	6.67
Total VOCs	61.84

LOCATION	SV-20
SAMPLING DATE	6/7/2022
VOLATILE ORGANICS IN AIR	
Acetone	504
Tetrachloroethene	11
Total BTEX/VOCs	
Total BTEX	80.38
Total VOCs	769.24

LOCATION	SV-16
SAMPLING DATE	6/7/2022
VOLATILE ORGANICS IN AIR	
Acetone	508
Tetrachloroethene	9.7
Total BTEX/VOCs	
Total BTEX	62.71
Total VOCs	811

LOCATION	SV-19
SAMPLING DATE	6/7/2022
VOLATILE ORGANICS IN AIR	
Acetone	2310
Tetrachloroethene	10.4
Total BTEX/VOCs	
Total BTEX	55.39
Total VOCs	2887.87

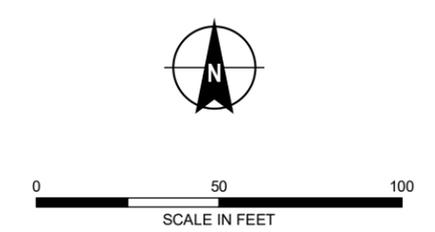
LOCATION	SV-17
SAMPLING DATE	6/13/2022
VOLATILE ORGANICS IN AIR	
Acetone	508
Total BTEX/VOCs	
Total BTEX	62.71
Total VOCs	811

LOCATION	SV-18
SAMPLING DATE	6/13/2022
VOLATILE ORGANICS IN AIR	
Acetone	760
Total BTEX/VOCs	
Total BTEX	47.047
Total VOCs	1010.46

LEGEND

- SOIL VAPOR SAMPLE
- AMBIENT AIR SAMPLE
- PARCEL BOUNDARY
- SITE BOUNDARY

- NOTES**
1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
 2. DEFINITIONS:
BTEX = BENZENE, TOLUENE, ETHYLBENZENE, AND XYLENESE
VOCs - VOLATILE ORGANIC COMPOUNDS
 3. ASSESSOR PARCEL DATA SOURCE: CITY OF NEW YORK
 4. AERIAL IMAGERY SOURCE: NEARMAP, 27 FEBRUARY 2022



HALEY ALDRICH RIVER NORTH 2
8-20 STUYVESANT PLACE
STATEN ISLAND, NEW YORK

**SOIL VAPOR RESULTS
SUMMARY MAP**

MARCH 2025

FIGURE 5

Table 1. Sampling and Analysis Plan
River North Site
BCP Site C243045

Sample Location	Soil Boring Distinction as indicated in the Tenen RIWP	Sampling Intervals	Sample Depth	TCL VOCs (8260C/ 5035)	TCL SVOCs (8270D)	TAL Metals (including trivalent chromium, hexavalent chromium and cyanide) (6010C)	PCBs (8082A)	TCL Herbicides (8151A)	TCL Pesticides (8081B)	PFAS (537.1)	1,4-Dioxane (8270 SIM)	VOCs (TO-15)
SOIL												
SB-2	Soil Delineation Boring	Two-foot interval directly below the sampling interval that did not meet RRSCOs in the nearest LDDSI or Phase II ESI soil boring	2-4'	X	X	X	X	X	X	X	X	X
		Two-foot interval directly below the preceding sampling interval	4-6'	X	X	X	X	X	X	X	X	X
SB-6	Soil Delineation Boring	Two-foot interval directly below the sampling interval that did not meet RRSCOs in the nearest LDDSI or Phase II ESI soil boring	2-4'	X	X	X	X	X	X	X	X	X
		Two-foot interval directly below the preceding sampling interval	4-6'	X	X	X	X	X	X	X	X	X
SB-8	Soil Delineation Boring	Two-foot interval directly below the sampling interval that did not meet RRSCOs in the nearest LDDSI or Phase II ESI soil boring	2-4'	X	X	X	X	X	X	X	X	X
		Two-foot interval directly below the preceding sampling interval	4-6'	X	X	X	X	X	X	X	X	X
SB-10	Soil Delineation Boring	Two-foot interval directly below the sampling interval that did not meet RRSCOs in the nearest LDDSI or Phase II ESI soil boring	2-4'	X	X	X	X	X	X	X	X	X
		Two-foot interval directly below the preceding sampling interval	4-6'	X	X	X	X	X	X	X	X	X
SB-13	Soil Delineation Boring	Two-foot interval directly below the sampling interval that did not meet RRSCOs in the nearest LDDSI or Phase II ESI soil boring	13-15'	X	X	X	X	X	X	X	X	X
		Two-foot interval directly below the preceding sampling interval	15-17'	X	X	X	X	X	X	X	X	X
SB-14	Soil Delineation Boring	Two-foot interval directly below the sampling interval that did not meet RRSCOs in the nearest LDDSI or Phase II ESI soil boring	2-4'	X	X	X	X	X	X	X	X	X
		Two-foot interval directly below the preceding sampling interval	4-6'	X	X	X	X	X	X	X	X	X
SB-18	Cellar Soil Boring	Two-foot interval of historic fill material above the first apparent native layer encountered	3-5'	X	X	X	X	X	X	X	X	X
		Two-foot interval above weathered bedrock or bedrock, whichever is encountered first	11-13'	X	X	X	X	X	X	X	X	X
SB-19	Cellar Soil Boring	Two-foot interval of historic fill material above the first apparent native layer encountered	1-3'	X	X	X	X	X	X	X	X	X
		Two-foot interval above weathered bedrock or bedrock, whichever is encountered first	3-5'	X	X	X	X	X	X	X	X	X
SB-20	Cellar Soil Boring	Two-foot interval of historic fill material above the first apparent native layer encountered	8-10'	X	X	X	X	X	X	X	X	X
		Two-foot interval above weathered bedrock or bedrock, whichever is encountered first	13-15'	X	X	X	X	X	X	X	X	X
SB-21	Cellar Soil Boring	Two-foot interval of historic fill material above the first apparent native layer encountered	8-10'	X	X	X	X	X	X	X	X	X
		Two-foot interval above weathered bedrock or bedrock, whichever is encountered first	13-15'	X	X	X	X	X	X	X	X	X
SB-22	Cellar Soil Boring	Two-foot interval of historic fill material above the first apparent native layer encountered	8-10'	X	X	X	X	X	X	X	X	X
		Two-foot interval above weathered bedrock or bedrock, whichever is encountered first	10-12'	X	X	X	X	X	X	X	X	X
SB-23	Cellar Soil Boring	Two-foot interval of historic fill material above the first apparent native layer encountered	8-10'	X	X	X	X	X	X	X	X	X
		Two-foot interval above weathered bedrock or bedrock, whichever is encountered first	12-14'	X	X	X	X	X	X	X	X	X
SB-24	Cellar Soil Boring	Two-foot interval of historic fill material above the first apparent native layer encountered	8-10'	X	X	X	X	X	X	X	X	X
		Two-foot interval above weathered bedrock or bedrock, whichever is encountered first	15-17'	X	X	X	X	X	X	X	X	X
SB-25	Cellar Soil Boring	Two-foot interval of historic fill material above the first apparent native layer encountered	8-10'	X	X	X	X	X	X	X	X	X
		Two-foot interval above weathered bedrock or bedrock, whichever is encountered first	13-15'	X	X	X	X	X	X	X	X	X
SB-26	Cellar Soil Boring	Two-foot interval of historic fill material above the first apparent native layer encountered	5-7'	X	X	X	X	X	X	X	X	X
		Two-foot interval above weathered bedrock or bedrock, whichever is encountered first	8-10'	X	X	X	X	X	X	X	X	X
SB-27	Cellar Soil Boring	Two-foot interval of historic fill material above the first apparent native layer encountered	3-5'	X	X	X	X	X	X	X	X	X
		Two-foot interval above weathered bedrock or bedrock, whichever is encountered first	6-8'	X	X	X	X	X	X	X	X	X
SB-28	Cellar Soil Boring	Two-foot interval of historic fill material above the first apparent native layer encountered	8-10'	X	X	X	X	X	X	X	X	X
		Two-foot interval above weathered bedrock or bedrock, whichever is encountered first	10-12'	X	X	X	X	X	X	X	X	X
SB-29	Cellar Soil Boring	Two-foot interval of historic fill material above the first apparent native layer encountered	2-4'	X	X	X	X	X	X	X	X	X
		Two-foot interval above weathered bedrock or bedrock, whichever is encountered first	13-15'	X	X	X	X	X	X	X	X	X
SB-30	Cellar Soil Boring	Two-foot interval of historic fill material above the first apparent native layer encountered	2-4'	X	X	X	X	X	X	X	X	X
		Two-foot interval above weathered bedrock or bedrock, whichever is encountered first	16-18'	X	X	X	X	X	X	X	X	X
SB-31	Cellar Soil Boring	Two-foot interval of historic fill material above the first apparent native layer encountered	2-4'	X	X	X	X	X	X	X	X	X
		Two-foot interval above weathered bedrock or bedrock, whichever is encountered first	11-13'	X	X	X	X	X	X	X	X	X
SB-32	Cellar Soil Boring	Two-foot interval of historic fill material above the first apparent native layer encountered	6-8'	X	X	X	X	X	X	X	X	X
		Two-foot interval above weathered bedrock or bedrock, whichever is encountered first	8-10'	X	X	X	X	X	X	X	X	X
SB-33	Cellar Soil Boring	Two-foot interval of historic fill material above the first apparent native layer encountered	2-4'	X	X	X	X	X	X	X	X	X
		Two-foot interval above weathered bedrock or bedrock, whichever is encountered first	16-18'	X	X	X	X	X	X	X	X	X
SB-34	Cellar Soil Boring	Two-foot interval of historic fill material above the first apparent native layer encountered	0-2'	X	X	X	X	X	X	X	X	X
		Two-foot interval above weathered bedrock or bedrock, whichever is encountered first	10-12'	X	X	X	X	X	X	X	X	X
SB-35	Cellar Soil Boring	Two-foot interval of historic fill material above the first apparent native layer encountered	0-2'	X	X	X	X	X	X	X	X	X
		Two-foot interval above weathered bedrock or bedrock, whichever is encountered first	8-10'	X	X	X	X	X	X	X	X	X
SB-36	Cellar Soil Boring	Two-foot interval of historic fill material above the first apparent native layer encountered	0-2'	X	X	X	X	X	X	X	X	X
		Two-foot interval above weathered bedrock or bedrock, whichever is encountered first	3-5'	X	X	X	X	X	X	X	X	X
SB-37	Cellar Soil Boring	Two-foot interval of historic fill material above the first apparent native layer encountered	2-4'	X	X	X	X	X	X	X	X	X
		Two-foot interval above weathered bedrock or bedrock, whichever is encountered first	7-9'	X	X	X	X	X	X	X	X	X
SB-38	Cellar Soil Boring	Two-foot interval of historic fill material above the first apparent native layer encountered	6-8'	X	X	X	X	X	X	X	X	X
		Two-foot interval above weathered bedrock or bedrock, whichever is encountered first	8-10'	X	X	X	X	X	X	X	X	X
SB-39	Cellar Soil Boring	Two-foot interval of historic fill material above the first apparent native layer encountered	3-5'	X	X	X	X	X	X	X	X	X
		Two-foot interval above weathered bedrock or bedrock, whichever is encountered first	5-7'	X	X	X	X	X	X	X	X	X
SB-40	Landscaping Soil Boring	From surface grade to 2 ft below surface grade	0-2'	X	X	X	X	X	X	X	X	
SB-41	Landscaping Soil Boring	From surface grade to 2 ft below surface grade	0-2'	X	X	X	X	X	X	X	X	
		From 2 to 4 ft below surface grade	2-4'	X	X	X	X	X	X	X	X	

Table 1. Sampling and Analysis Plan
 River North Site
 BCP Site C243045

Sample Location	Soil Boring Distinction as indicated in the Tenen RIWP	Sampling Intervals	Sample Depth	TCL VOCs (8260C/ 5035)	TCL SVOCs (8270D)	TAL Metals (including trivalent chromium, hexavalent chromium and cyanide) (6010C)	PCBs (8082A)	TCL Herbicides (8151A)	TCL Pesticides (8081B)	PFAS (537.1)	1,4-Dioxane (8270 SIM)	VOCs (TO-15)
SB-42	Landscaping Soil Boring	From surface grade to 2 ft below surface grade	0-2'	X	X	X	X	X	X	X	X	
		From 2 to 4 ft below surface grade	2-4'	X	X	X	X	X	X	X	X	
SB-43	Landscaping Soil Boring	From surface grade to 2 ft below surface grade	0-2'	X	X	X	X	X	X	X	X	
		From 2 to 4 ft below surface grade	2-4'	X	X	X	X	X	X	X	X	
SB-44	Landscaping Soil Boring	From surface grade to 2 ft below surface grade	0-2'	X	X	X	X	X	X	X	X	
		From 2 to 4 ft below surface grade	2-4'	X	X	X	X	X	X	X	X	
SB-45	Landscaping Soil Boring	From surface grade to 2 ft below surface grade	0-2'	X	X	X	X	X	X	X	X	
		From 2 to 4 ft below surface grade	2-4'	X	X	X	X	X	X	X	X	
SB-46	Landscaping Soil Boring	From surface grade to 2 ft below surface grade	0-2'	X	X	X	X	X	X	X	X	
		From 2 to 4 ft below surface grade	2-4'	X	X	X	X	X	X	X	X	
SB-47	Landscaping Soil Boring	From surface grade to 2 ft below surface grade	0-2'	X	X	X	X	X	X	X	X	
SB-48	Landscaping Soil Boring	From surface grade to 2 ft below surface grade	0-2'	X	X	X	X	X	X	X	X	
SB-49	Landscaping Soil Boring	From surface grade to 2 ft below surface grade	0-2'	X	X	X	X	X	X	X	X	
		From 2 to 4 ft below surface grade	2-4'	X	X	X	X	X	X	X	X	
SB-50	Landscaping Soil Boring	From surface grade to 2 ft below surface grade	0-2'	X	X	X	X	X	X	X	X	
		From 2 to 4 ft below surface grade	2-4'	X	X	X	X	X	X	X	X	
SB-51	Landscaping Soil Boring	From surface grade to 2 ft below surface grade	0-2'	X	X	X	X	X	X	X	X	
		From 2 to 4 ft below surface grade	2-4'	X	X	X	X	X	X	X	X	
SB-52	Landscaping Soil Boring	From surface grade to 2 ft below surface grade	0-2'	X	X	X	X	X	X	X	X	
		From 2 to 4 ft below surface grade	2-4'	X	X	X	X	X	X	X	X	
SB-53	Landscaping Soil Boring	From surface grade to 2 ft below surface grade	0-2'	X	X	X	X	X	X	X	X	
SB-54	Landscaping Soil Boring	From surface grade to 2 ft below surface grade	0-2'	X	X	X	X	X	X	X	X	
SB-55	Landscaping Soil Boring	From surface grade to 2 ft below surface grade	0-2'	X	X	X	X	X	X	X	X	
SB-56	Landscaping Soil Boring	From surface grade to 2 ft below surface grade	0-2'	X	X	X	X	X	X	X	X	
SOIL VAPOR												
SV-16		3 ft below surface grade	3'									X
SV-17		4 ft below surface grade	3'									X
SV-18		5 ft below surface grade	3'									X
SV-19		6 ft below surface grade	3'									X
SV-20		7 ft below surface grade	3'									X
SV-21		8 ft below surface grade	3'									X
SV-22		9 ft below surface grade	3'									X
SV-23		10 ft below surface grade	3'									X
SV-24		11 ft below surface grade	3'									X
SV-25		12 ft below surface grade	3'									X
SV-26		13 ft below surface grade	3'									X
SV-27		14 ft below surface grade	3'									X
SV-28		15 ft below surface grade	3'									X
SV-29		16 ft below surface grade	3'									X
SV-30		17 ft below surface grade	3'									X
SV-31		18 ft below surface grade	3'									X
AA-1		Breathing Zone	Ambient Air (breathing zone)									X

Notes:
 VOCs - Volatile Organic Compounds
 SVOCs - Semi-volatile Organic Compounds
 PCBs - Polychlorinated biphenyls
 PFAS - Per- and Polyfluoroalkyl Substances
QA/QC samples include:
 MS/MSD - 1 for every 20 samples
 Field Duplicate - 1 for every 20 samples
 Trip Blanks - 1 per cooler of samples to be analyzed for VOCs
 Field Blanks - 1 for every 20 samples

Table 2. Soil Analytical Results
River North
Phase II Environmental Site Investigation Report

CLIENT SAMPLE ID	NY-UNRES	NY-RESRR	Units	SB-8 (0-2)	SB-8 (6.5-8.5)	SB-9 (0-2)	SB-9 (6.5-8.5)	SB-10 (0-2)
				1/18/2021	1/18/2021	1/18/2021	1/18/2021	1/18/2021
				L2102678-01	L2102678-02	L2102678-03	L2102678-04	L2102678-05
				Qual	Qual	Qual	Qual	Qual
General Chemistry								
Solids, Total	NS	NS	%	88.5	87.9	87.1	83.7	84.3
Volatile Organics by EPA 5035								
1,1,1,2-Tetrachloroethane	NS	NS	mg/kg	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	0.68	100	mg/kg	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NS	NS	mg/kg	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	NS	NS	mg/kg	ND	ND	ND	ND	ND
1,1-Dichloroethane	0.27	26	mg/kg	ND	ND	ND	ND	ND
1,1-Dichloroethene	0.33	100	mg/kg	ND	ND	ND	ND	ND
1,1-Dichloropropene	NS	NS	mg/kg	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	NS	NS	mg/kg	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	NS	NS	mg/kg	ND	ND	ND	ND	ND
1,2,4,5-Tetramethylbenzene	NS	NS	mg/kg	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NS	NS	mg/kg	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	3.6	52	mg/kg	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	NS	NS	mg/kg	ND	ND	ND	ND	ND
1,2-Dibromoethane	NS	NS	mg/kg	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	1.1	100	mg/kg	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.02	3.1	mg/kg	ND	ND	ND	ND	ND
1,2-Dichloroethene, Total	NS	NS	mg/kg	ND	ND	ND	ND	ND
1,2-Dichloropropane	NS	NS	mg/kg	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	8.4	52	mg/kg	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	2.4	49	mg/kg	ND	ND	ND	ND	ND
1,3-Dichloropropane	NS	NS	mg/kg	ND	ND	ND	ND	ND
1,3-Dichloropropene, Total	NS	NS	mg/kg	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	1.8	13	mg/kg	ND	ND	ND	ND	ND
1,4-Dioxane	0.1	13	mg/kg	ND	ND	ND	ND	ND
2,2-Dichloropropane	NS	NS	mg/kg	ND	ND	ND	ND	ND
2-Butanone	0.12	100	mg/kg	ND	ND	ND	ND	ND
2-Hexanone	NS	NS	mg/kg	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	NS	NS	mg/kg	ND	ND	ND	ND	ND
Acetone	0.05	100	mg/kg	ND	ND	ND	ND	ND

CLIENT SAMPLE ID	NY-UNRES	NY-RESRR	Units	SB-8 (0-2)	SB-8 (6.5-8.5)	SB-9 (0-2)	SB-9 (6.5-8.5)	SB-10 (0-2)
SAMPLING DATE				1/18/2021	1/18/2021	1/18/2021	1/18/2021	1/18/2021
LAB SAMPLE ID				L2102678-01	L2102678-02	L2102678-03	L2102678-04	L2102678-05
				Qual	Qual	Qual	Qual	Qual
Acrylonitrile	NS	NS	mg/kg	ND	ND	ND	ND	ND
Benzene	0.06	4.8	mg/kg	ND	ND	ND	ND	ND
Bromobenzene	NS	NS	mg/kg	ND	ND	ND	ND	ND
Bromochloromethane	NS	NS	mg/kg	ND	ND	ND	ND	ND
Bromodichloromethane	NS	NS	mg/kg	ND	ND	ND	ND	ND
Bromoform	NS	NS	mg/kg	ND	ND	ND	ND	ND
Bromomethane	NS	NS	mg/kg	ND	ND	ND	ND	ND
Carbon disulfide	NS	NS	mg/kg	ND	ND	ND	ND	ND
Carbon tetrachloride	0.76	2.4	mg/kg	ND	ND	ND	ND	ND
Chlorobenzene	1.1	100	mg/kg	ND	ND	ND	ND	ND
Chloroethane	NS	NS	mg/kg	ND	ND	ND	ND	ND
Chloroform	0.37	49	mg/kg	ND	ND	ND	ND	ND
Chloromethane	NS	NS	mg/kg	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	0.25	100	mg/kg	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	NS	NS	mg/kg	ND	ND	ND	ND	ND
Dibromochloromethane	NS	NS	mg/kg	ND	ND	ND	ND	ND
Dibromomethane	NS	NS	mg/kg	ND	ND	ND	ND	ND
Dichlorodifluoromethane	NS	NS	mg/kg	ND	ND	ND	ND	ND
Ethyl ether	NS	NS	mg/kg	ND	ND	ND	ND	ND
Ethylbenzene	1	41	mg/kg	ND	ND	ND	ND	ND
Hexachlorobutadiene	NS	NS	mg/kg	ND	ND	ND	ND	ND
Isopropylbenzene	NS	NS	mg/kg	ND	ND	ND	ND	ND
Methyl tert butyl ether	0.93	100	mg/kg	ND	ND	ND	ND	ND
Methylene chloride	0.05	100	mg/kg	ND	ND	ND	ND	ND
n-Butylbenzene	12	100	mg/kg	ND	ND	ND	ND	ND
n-Propylbenzene	3.9	100	mg/kg	ND	ND	ND	ND	ND
Naphthalene	12	100	mg/kg	ND	ND	ND	ND	ND
o-Chlorotoluene	NS	NS	mg/kg	ND	ND	ND	ND	ND
o-Xylene	NS	NS	mg/kg	ND	ND	ND	ND	ND
p-Chlorotoluene	NS	NS	mg/kg	ND	ND	ND	ND	ND
p-Diethylbenzene	NS	NS	mg/kg	ND	ND	ND	ND	ND
p-Ethyltoluene	NS	NS	mg/kg	ND	ND	ND	ND	ND

CLIENT SAMPLE ID	NY-UNRES	NY-RESRR	Units	SB-8 (0-2)	SB-8 (6.5-8.5)	SB-9 (0-2)	SB-9 (6.5-8.5)	SB-10 (0-2)
SAMPLING DATE				1/18/2021	1/18/2021	1/18/2021	1/18/2021	1/18/2021
LAB SAMPLE ID				L2102678-01	L2102678-02	L2102678-03	L2102678-04	L2102678-05
				Qual	Qual	Qual	Qual	Qual
p-Isopropyltoluene	NS	NS	mg/kg	ND	ND	ND	ND	ND
p/m-Xylene	NS	NS	mg/kg	ND	ND	ND	ND	ND
sec-Butylbenzene	11	100	mg/kg	ND	ND	ND	ND	ND
Styrene	NS	NS	mg/kg	ND	ND	ND	ND	ND
tert-Butylbenzene	5.9	100	mg/kg	ND	ND	ND	ND	ND
Tetrachloroethene	1.3	19	mg/kg	ND	ND	ND	ND	ND
Toluene	0.7	100	mg/kg	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	0.19	100	mg/kg	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	NS	NS	mg/kg	ND	ND	ND	ND	ND
trans-1,4-Dichloro-2-butene	NS	NS	mg/kg	ND	ND	ND	ND	ND
Trichloroethene	0.47	21	mg/kg	ND	ND	ND	ND	ND
Trichlorofluoromethane	NS	NS	mg/kg	ND	ND	ND	ND	ND
Vinyl acetate	NS	NS	mg/kg	ND	ND	ND	ND	ND
Vinyl chloride	0.02	0.9	mg/kg	ND	ND	ND	ND	ND
Xylenes, Total	0.26	100	mg/kg	ND	ND	ND	ND	ND

Notes:

Bold and shaded yellow value indicates concentration exceeds NY-UNRES SCOs

Bold and shaded orange value indicates concentration exceeds NY-RESRR SCOs

NY-UNRES = 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives

NY-RESRR = 6 NYCRR Part 375 Restricted-Residential Use Soil Cleanup Objectives

J = Estimated value

ND = Not detected

NS = No standard

CLIENT SAMPLE ID	NY-UNRES	NY-RESRR	Units	SB-10 (7-9)	SB-13 (0-2)	SB-13 (17.5-19.5)	SB-18 (0-2)	SB-18 (20-22)
SAMPLING DATE				1/18/2021	1/18/2021	1/18/2021	1/18/2021	1/18/2021
LAB SAMPLE ID				L2102678-06	L2102678-07	L2102678-08	L2102678-11	L2102678-12
				Qual	Qual	Qual	Qual	Qual
General Chemistry								
Solids, Total	NS	NS	%	91.7	90.9	92.2	81.4	92.1
Volatile Organics by EPA 5035								
1,1,1,2-Tetrachloroethane	NS	NS	mg/kg	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	0.68	100	mg/kg	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NS	NS	mg/kg	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	NS	NS	mg/kg	ND	ND	ND	ND	ND
1,1-Dichloroethane	0.27	26	mg/kg	ND	ND	ND	ND	ND
1,1-Dichloroethene	0.33	100	mg/kg	ND	ND	ND	ND	ND
1,1-Dichloropropene	NS	NS	mg/kg	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	NS	NS	mg/kg	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	NS	NS	mg/kg	ND	ND	ND	ND	ND
1,2,4,5-Tetramethylbenzene	NS	NS	mg/kg	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NS	NS	mg/kg	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	3.6	52	mg/kg	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	NS	NS	mg/kg	ND	ND	ND	ND	ND
1,2-Dibromoethane	NS	NS	mg/kg	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	1.1	100	mg/kg	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.02	3.1	mg/kg	ND	ND	ND	ND	ND
1,2-Dichloroethene, Total	NS	NS	mg/kg	ND	ND	ND	ND	ND
1,2-Dichloropropane	NS	NS	mg/kg	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	8.4	52	mg/kg	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	2.4	49	mg/kg	ND	ND	ND	ND	ND
1,3-Dichloropropane	NS	NS	mg/kg	ND	ND	ND	ND	ND
1,3-Dichloropropene, Total	NS	NS	mg/kg	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	1.8	13	mg/kg	ND	ND	ND	ND	ND
1,4-Dioxane	0.1	13	mg/kg	ND	ND	ND	ND	ND
2,2-Dichloropropane	NS	NS	mg/kg	ND	ND	ND	ND	ND
2-Butanone	0.12	100	mg/kg	ND	0.0023 J	ND	ND	ND
2-Hexanone	NS	NS	mg/kg	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	NS	NS	mg/kg	ND	ND	ND	ND	ND
Acetone	0.05	100	mg/kg	ND	0.021	ND	ND	ND

CLIENT SAMPLE ID	NY-UNRES	NY-RESRR	Units	SB-10 (7-9)	SB-13 (0-2)	SB-13 (17.5-19.5)	SB-18 (0-2)	SB-18 (20-22)
SAMPLING DATE				1/18/2021	1/18/2021	1/18/2021	1/18/2021	1/18/2021
LAB SAMPLE ID				L2102678-06	L2102678-07	L2102678-08	L2102678-11	L2102678-12
				Qual	Qual	Qual	Qual	Qual
Acrylonitrile	NS	NS	mg/kg	ND	ND	ND	ND	ND
Benzene	0.06	4.8	mg/kg	ND	ND	ND	ND	ND
Bromobenzene	NS	NS	mg/kg	ND	ND	ND	ND	ND
Bromochloromethane	NS	NS	mg/kg	ND	ND	ND	ND	ND
Bromodichloromethane	NS	NS	mg/kg	ND	ND	ND	ND	ND
Bromoform	NS	NS	mg/kg	ND	ND	ND	ND	ND
Bromomethane	NS	NS	mg/kg	ND	ND	ND	ND	ND
Carbon disulfide	NS	NS	mg/kg	ND	ND	ND	ND	ND
Carbon tetrachloride	0.76	2.4	mg/kg	ND	ND	ND	ND	ND
Chlorobenzene	1.1	100	mg/kg	ND	ND	ND	ND	ND
Chloroethane	NS	NS	mg/kg	ND	ND	ND	ND	ND
Chloroform	0.37	49	mg/kg	ND	ND	ND	ND	ND
Chloromethane	NS	NS	mg/kg	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	0.25	100	mg/kg	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	NS	NS	mg/kg	ND	ND	ND	ND	ND
Dibromochloromethane	NS	NS	mg/kg	ND	ND	ND	ND	ND
Dibromomethane	NS	NS	mg/kg	ND	ND	ND	ND	ND
Dichlorodifluoromethane	NS	NS	mg/kg	ND	ND	ND	ND	ND
Ethyl ether	NS	NS	mg/kg	ND	ND	ND	ND	ND
Ethylbenzene	1	41	mg/kg	ND	ND	ND	ND	ND
Hexachlorobutadiene	NS	NS	mg/kg	ND	ND	ND	ND	ND
Isopropylbenzene	NS	NS	mg/kg	ND	ND	ND	ND	ND
Methyl tert butyl ether	0.93	100	mg/kg	ND	ND	ND	ND	ND
Methylene chloride	0.05	100	mg/kg	ND	ND	ND	ND	ND
n-Butylbenzene	12	100	mg/kg	ND	ND	ND	ND	ND
n-Propylbenzene	3.9	100	mg/kg	ND	ND	ND	ND	ND
Naphthalene	12	100	mg/kg	ND	ND	ND	ND	ND
o-Chlorotoluene	NS	NS	mg/kg	ND	ND	ND	ND	ND
o-Xylene	NS	NS	mg/kg	ND	ND	ND	ND	ND
p-Chlorotoluene	NS	NS	mg/kg	ND	ND	ND	ND	ND
p-Diethylbenzene	NS	NS	mg/kg	ND	ND	ND	ND	ND
p-Ethyltoluene	NS	NS	mg/kg	ND	ND	ND	ND	ND

CLIENT SAMPLE ID	NY-UNRES	NY-RESRR	Units	SB-10 (7-9)	SB-13 (0-2)	SB-13 (17.5-19.5)	SB-18 (0-2)	SB-18 (20-22)
SAMPLING DATE				1/18/2021	1/18/2021	1/18/2021	1/18/2021	1/18/2021
LAB SAMPLE ID				L2102678-06	L2102678-07	L2102678-08	L2102678-11	L2102678-12
				Qual	Qual	Qual	Qual	Qual
p-Isopropyltoluene	NS	NS	mg/kg	ND	ND	ND	ND	ND
p/m-Xylene	NS	NS	mg/kg	ND	ND	ND	ND	ND
sec-Butylbenzene	11	100	mg/kg	ND	ND	ND	ND	ND
Styrene	NS	NS	mg/kg	ND	ND	ND	ND	ND
tert-Butylbenzene	5.9	100	mg/kg	ND	ND	ND	ND	ND
Tetrachloroethene	1.3	19	mg/kg	ND	ND	ND	0.00045 J	0.00038 J
Toluene	0.7	100	mg/kg	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	0.19	100	mg/kg	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	NS	NS	mg/kg	ND	ND	ND	ND	ND
trans-1,4-Dichloro-2-butene	NS	NS	mg/kg	ND	ND	ND	ND	ND
Trichloroethene	0.47	21	mg/kg	ND	ND	ND	ND	ND
Trichlorofluoromethane	NS	NS	mg/kg	ND	ND	ND	ND	ND
Vinyl acetate	NS	NS	mg/kg	ND	ND	ND	ND	ND
Vinyl chloride	0.02	0.9	mg/kg	ND	ND	ND	ND	ND
Xylenes, Total	0.26	100	mg/kg	ND	ND	ND	ND	ND

Notes:

Bold and shaded yellow value indicates concentration exceeds NY-UNRES SCOs

Bold and shaded orange value indicates concentration exceeds NY-RESRR SCOs

NY-UNRES = 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives

NY-RESRR = 6 NYCRR Part 375 Restricted-Residential Use Soil Cleanup Objectives

J = Estimated value

ND = Not detected

NS = No standard

CLIENT SAMPLE ID	NY-UNRES	NY-RESRR	Units	SB-14 (0-2)	SB-14 (17.5-19.5)	SB-12 (0-2)	SB-12 (6.5-8.5)	SB-15 (0-2)
SAMPLING DATE				1/19/2021	1/19/2021	1/19/2021	1/19/2021	1/19/2021
LAB SAMPLE ID				L2102822-01	L2102822-02	L2102822-03	L2102822-04	L2102822-05
				Qual	Qual	Qual	Qual	Qual
General Chemistry								
Solids, Total	NS	NS	%	82.4	82.6	80	83.4	84.8
Volatile Organics by EPA 5035								
1,1,1,2-Tetrachloroethane	NS	NS	mg/kg	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	0.68	100	mg/kg	ND	ND	ND	ND	ND
1,1,2-Tetrachloroethane	NS	NS	mg/kg	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	NS	NS	mg/kg	ND	ND	ND	ND	ND
1,1-Dichloroethane	0.27	26	mg/kg	ND	ND	ND	ND	ND
1,1-Dichloroethene	0.33	100	mg/kg	ND	ND	ND	ND	ND
1,1-Dichloropropene	NS	NS	mg/kg	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	NS	NS	mg/kg	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	NS	NS	mg/kg	ND	ND	ND	ND	ND
1,2,4,5-Tetramethylbenzene	NS	NS	mg/kg	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NS	NS	mg/kg	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	3.6	52	mg/kg	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	NS	NS	mg/kg	ND	ND	ND	ND	ND
1,2-Dibromoethane	NS	NS	mg/kg	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	1.1	100	mg/kg	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.02	3.1	mg/kg	ND	ND	ND	ND	ND
1,2-Dichloroethene, Total	NS	NS	mg/kg	ND	ND	ND	ND	ND
1,2-Dichloropropane	NS	NS	mg/kg	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	8.4	52	mg/kg	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	2.4	49	mg/kg	ND	ND	ND	ND	ND
1,3-Dichloropropane	NS	NS	mg/kg	ND	ND	ND	ND	ND
1,3-Dichloropropene, Total	NS	NS	mg/kg	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	1.8	13	mg/kg	ND	ND	ND	ND	ND
1,4-Dioxane	0.1	13	mg/kg	ND	ND	ND	ND	ND
2,2-Dichloropropane	NS	NS	mg/kg	ND	ND	ND	ND	ND
2-Butanone	0.12	100	mg/kg	ND	ND	ND	ND	ND
2-Hexanone	NS	NS	mg/kg	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	NS	NS	mg/kg	ND	ND	ND	ND	ND
Acetone	0.05	100	mg/kg	ND	ND	ND	ND	ND

CLIENT SAMPLE ID	NY-UNRES	NY-RESRR	Units	SB-14 (0-2)	SB-14 (17.5-19.5)	SB-12 (0-2)	SB-12 (6.5-8.5)	SB-15 (0-2)
SAMPLING DATE				1/19/2021	1/19/2021	1/19/2021	1/19/2021	1/19/2021
LAB SAMPLE ID				L2102822-01	L2102822-02	L2102822-03	L2102822-04	L2102822-05
				Qual	Qual	Qual	Qual	Qual
Acrylonitrile	NS	NS	mg/kg	ND	ND	ND	ND	ND
Benzene	0.06	4.8	mg/kg	ND	ND	ND	ND	ND
Bromobenzene	NS	NS	mg/kg	ND	ND	ND	ND	ND
Bromochloromethane	NS	NS	mg/kg	ND	ND	ND	ND	ND
Bromodichloromethane	NS	NS	mg/kg	ND	ND	ND	ND	ND
Bromoform	NS	NS	mg/kg	ND	ND	ND	ND	ND
Bromomethane	NS	NS	mg/kg	ND	ND	ND	ND	ND
Carbon disulfide	NS	NS	mg/kg	ND	ND	ND	ND	ND
Carbon tetrachloride	0.76	2.4	mg/kg	ND	ND	ND	ND	ND
Chlorobenzene	1.1	100	mg/kg	ND	ND	ND	ND	ND
Chloroethane	NS	NS	mg/kg	ND	ND	ND	ND	ND
Chloroform	0.37	49	mg/kg	ND	ND	ND	ND	ND
Chloromethane	NS	NS	mg/kg	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	0.25	100	mg/kg	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	NS	NS	mg/kg	ND	ND	ND	ND	ND
Dibromochloromethane	NS	NS	mg/kg	ND	ND	ND	ND	ND
Dibromomethane	NS	NS	mg/kg	ND	ND	ND	ND	ND
Dichlorodifluoromethane	NS	NS	mg/kg	ND	ND	ND	ND	ND
Ethyl ether	NS	NS	mg/kg	ND	ND	ND	ND	ND
Ethylbenzene	1	41	mg/kg	ND	ND	ND	ND	ND
Hexachlorobutadiene	NS	NS	mg/kg	ND	ND	ND	ND	ND
Isopropylbenzene	NS	NS	mg/kg	ND	ND	ND	ND	ND
Methyl tert butyl ether	0.93	100	mg/kg	ND	ND	ND	ND	ND
Methylene chloride	0.05	100	mg/kg	ND	ND	ND	ND	ND
n-Butylbenzene	12	100	mg/kg	ND	ND	ND	ND	ND
n-Propylbenzene	3.9	100	mg/kg	ND	ND	ND	ND	ND
Naphthalene	12	100	mg/kg	ND	ND	ND	ND	ND
o-Chlorotoluene	NS	NS	mg/kg	ND	ND	ND	ND	ND
o-Xylene	NS	NS	mg/kg	ND	ND	ND	ND	ND
p-Chlorotoluene	NS	NS	mg/kg	ND	ND	ND	ND	ND
p-Diethylbenzene	NS	NS	mg/kg	ND	ND	ND	ND	ND
p-Ethyltoluene	NS	NS	mg/kg	ND	ND	ND	ND	ND

CLIENT SAMPLE ID	NY-UNRES	NY-RESRR	Units	SB-14 (0-2)	SB-14 (17.5-19.5)	SB-12 (0-2)	SB-12 (6.5-8.5)	SB-15 (0-2)
SAMPLING DATE				1/19/2021	1/19/2021	1/19/2021	1/19/2021	1/19/2021
LAB SAMPLE ID				L2102822-01	L2102822-02	L2102822-03	L2102822-04	L2102822-05
				Qual	Qual	Qual	Qual	Qual
p-Isopropyltoluene	NS	NS	mg/kg	ND	ND	ND	ND	ND
p/m-Xylene	NS	NS	mg/kg	ND	ND	ND	ND	ND
sec-Butylbenzene	11	100	mg/kg	ND	ND	ND	ND	ND
Styrene	NS	NS	mg/kg	ND	ND	ND	ND	ND
tert-Butylbenzene	5.9	100	mg/kg	ND	ND	ND	ND	ND
Tetrachloroethene	1.3	19	mg/kg	ND	ND	ND	ND	ND
Toluene	0.7	100	mg/kg	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	0.19	100	mg/kg	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	NS	NS	mg/kg	ND	ND	ND	ND	ND
trans-1,4-Dichloro-2-butene	NS	NS	mg/kg	ND	ND	ND	ND	ND
Trichloroethene	0.47	21	mg/kg	ND	ND	ND	ND	ND
Trichlorofluoromethane	NS	NS	mg/kg	ND	ND	ND	ND	ND
Vinyl acetate	NS	NS	mg/kg	ND	ND	ND	ND	ND
Vinyl chloride	0.02	0.9	mg/kg	ND	ND	ND	ND	ND
Xylenes, Total	0.26	100	mg/kg	ND	ND	ND	ND	ND

Notes:

Bold and shaded yellow value indicates concentration exceeds NY-UNRES SCOs

Bold and shaded orange value indicates concentration exceeds NY-RESRR SCOs

NY-UNRES = 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives

NY-RESRR = 6 NYCRR Part 375 Restricted-Residential Use Soil Cleanup Objectives

J = Estimated value

ND = Not detected

NS = No standard

CLIENT SAMPLE ID	NY-UNRES	NY-RESRR	Units	SB-15 (14.5-16.5)	SB-11 (0-2)	SB-11 (5-7)	SB-16 (0-2)	SB-16 (7-9)
SAMPLING DATE				1/19/2021	1/19/2021	1/19/2021	1/19/2021	1/19/2021
LAB SAMPLE ID				L2102822-06	L2102822-07	L2102822-08	L2102822-09	L2102822-10
				Qual	Qual	Qual	Qual	Qual
General Chemistry								
Solids, Total	NS	NS	%	83.9	82.2	82.1	87.4	85.4
Volatile Organics by EPA 5035								
1,1,1,2-Tetrachloroethane	NS	NS	mg/kg	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	0.68	100	mg/kg	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NS	NS	mg/kg	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	NS	NS	mg/kg	ND	ND	ND	ND	ND
1,1-Dichloroethane	0.27	26	mg/kg	ND	ND	ND	ND	ND
1,1-Dichloroethene	0.33	100	mg/kg	ND	ND	ND	ND	ND
1,1-Dichloropropene	NS	NS	mg/kg	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	NS	NS	mg/kg	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	NS	NS	mg/kg	ND	ND	ND	ND	ND
1,2,4,5-Tetramethylbenzene	NS	NS	mg/kg	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NS	NS	mg/kg	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	3.6	52	mg/kg	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	NS	NS	mg/kg	ND	ND	ND	ND	ND
1,2-Dibromoethane	NS	NS	mg/kg	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	1.1	100	mg/kg	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.02	3.1	mg/kg	ND	ND	ND	ND	ND
1,2-Dichloroethene, Total	NS	NS	mg/kg	ND	ND	ND	ND	ND
1,2-Dichloropropane	NS	NS	mg/kg	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	8.4	52	mg/kg	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	2.4	49	mg/kg	ND	ND	ND	ND	ND
1,3-Dichloropropane	NS	NS	mg/kg	ND	ND	ND	ND	ND
1,3-Dichloropropene, Total	NS	NS	mg/kg	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	1.8	13	mg/kg	ND	ND	ND	ND	ND
1,4-Dioxane	0.1	13	mg/kg	ND	ND	ND	ND	ND
2,2-Dichloropropane	NS	NS	mg/kg	ND	ND	ND	ND	ND
2-Butanone	0.12	100	mg/kg	ND	ND	ND	ND	ND
2-Hexanone	NS	NS	mg/kg	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	NS	NS	mg/kg	ND	ND	ND	ND	ND
Acetone	0.05	100	mg/kg	ND	ND	ND	ND	ND

CLIENT SAMPLE ID	NY-UNRES	NY-RESRR	Units	SB-15 (14.5-16.5)	SB-11 (0-2)	SB-11 (5-7)	SB-16 (0-2)	SB-16 (7-9)
SAMPLING DATE				1/19/2021	1/19/2021	1/19/2021	1/19/2021	1/19/2021
LAB SAMPLE ID				L2102822-06	L2102822-07	L2102822-08	L2102822-09	L2102822-10
				Qual	Qual	Qual	Qual	Qual
Acrylonitrile	NS	NS	mg/kg	ND	ND	ND	ND	ND
Benzene	0.06	4.8	mg/kg	ND	ND	ND	ND	ND
Bromobenzene	NS	NS	mg/kg	ND	ND	ND	ND	ND
Bromochloromethane	NS	NS	mg/kg	ND	ND	ND	ND	ND
Bromodichloromethane	NS	NS	mg/kg	ND	ND	ND	ND	ND
Bromoform	NS	NS	mg/kg	ND	ND	ND	ND	ND
Bromomethane	NS	NS	mg/kg	ND	ND	ND	ND	ND
Carbon disulfide	NS	NS	mg/kg	ND	ND	ND	ND	ND
Carbon tetrachloride	0.76	2.4	mg/kg	ND	ND	ND	ND	ND
Chlorobenzene	1.1	100	mg/kg	ND	ND	ND	ND	ND
Chloroethane	NS	NS	mg/kg	ND	ND	ND	ND	ND
Chloroform	0.37	49	mg/kg	ND	ND	ND	ND	ND
Chloromethane	NS	NS	mg/kg	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	0.25	100	mg/kg	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	NS	NS	mg/kg	ND	ND	ND	ND	ND
Dibromochloromethane	NS	NS	mg/kg	ND	ND	ND	ND	ND
Dibromomethane	NS	NS	mg/kg	ND	ND	ND	ND	ND
Dichlorodifluoromethane	NS	NS	mg/kg	ND	ND	ND	ND	ND
Ethyl ether	NS	NS	mg/kg	ND	ND	ND	ND	ND
Ethylbenzene	1	41	mg/kg	ND	ND	ND	ND	ND
Hexachlorobutadiene	NS	NS	mg/kg	ND	ND	ND	ND	ND
Isopropylbenzene	NS	NS	mg/kg	ND	ND	ND	ND	ND
Methyl tert butyl ether	0.93	100	mg/kg	ND	ND	ND	ND	ND
Methylene chloride	0.05	100	mg/kg	ND	ND	ND	ND	ND
n-Butylbenzene	12	100	mg/kg	ND	ND	ND	ND	ND
n-Propylbenzene	3.9	100	mg/kg	ND	ND	ND	ND	ND
Naphthalene	12	100	mg/kg	ND	ND	ND	ND	ND
o-Chlorotoluene	NS	NS	mg/kg	ND	ND	ND	ND	ND
o-Xylene	NS	NS	mg/kg	ND	ND	ND	ND	ND
p-Chlorotoluene	NS	NS	mg/kg	ND	ND	ND	ND	ND
p-Diethylbenzene	NS	NS	mg/kg	ND	ND	ND	ND	ND
p-Ethyltoluene	NS	NS	mg/kg	ND	ND	ND	ND	ND

CLIENT SAMPLE ID	NY-UNRES	NY-RESRR	Units	SB-15 (14.5-16.5)	SB-11 (0-2)	SB-11 (5-7)	SB-16 (0-2)	SB-16 (7-9)
SAMPLING DATE				1/19/2021	1/19/2021	1/19/2021	1/19/2021	1/19/2021
LAB SAMPLE ID				L2102822-06	L2102822-07	L2102822-08	L2102822-09	L2102822-10
				Qual	Qual	Qual	Qual	Qual
p-Isopropyltoluene	NS	NS	mg/kg	ND	ND	ND	ND	ND
p/m-Xylene	NS	NS	mg/kg	ND	ND	ND	ND	ND
sec-Butylbenzene	11	100	mg/kg	ND	ND	ND	ND	ND
Styrene	NS	NS	mg/kg	ND	ND	ND	ND	ND
tert-Butylbenzene	5.9	100	mg/kg	ND	ND	ND	ND	ND
Tetrachloroethene	1.3	19	mg/kg	ND	ND	ND	ND	ND
Toluene	0.7	100	mg/kg	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	0.19	100	mg/kg	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	NS	NS	mg/kg	ND	ND	ND	ND	ND
trans-1,4-Dichloro-2-butene	NS	NS	mg/kg	ND	ND	ND	ND	ND
Trichloroethene	0.47	21	mg/kg	ND	ND	ND	ND	ND
Trichlorofluoromethane	NS	NS	mg/kg	ND	ND	ND	ND	ND
Vinyl acetate	NS	NS	mg/kg	ND	ND	ND	ND	ND
Vinyl chloride	0.02	0.9	mg/kg	ND	ND	ND	ND	ND
Xylenes, Total	0.26	100	mg/kg	ND	ND	ND	ND	ND

Notes:

Bold and shaded yellow value indicates concentration exceeds NY-UNRES SCOs

Bold and shaded orange value indicates concentration exceeds NY-RESRR SCOs

NY-UNRES = 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives

NY-RESRR = 6 NYCRR Part 375 Restricted-Residential Use Soil Cleanup Objectives

J = Estimated value

ND = Not detected

NS = No standard

CLIENT SAMPLE ID	NY-UNRES	NY-RESRR	Units	SB-17 (0-2)	SB-17 (9-11)
SAMPLING DATE				1/19/2021	1/19/2021
LAB SAMPLE ID				L2102822-11	L2102822-12
				Qual	Qual
General Chemistry					
Solids, Total	NS	NS	%	88.9	87.2
Volatile Organics by EPA 5035					
1,1,1,2-Tetrachloroethane	NS	NS	mg/kg	ND	ND
1,1,1-Trichloroethane	0.68	100	mg/kg	ND	ND
1,1,2-Tetrachloroethane	NS	NS	mg/kg	ND	ND
1,1,2-Trichloroethane	NS	NS	mg/kg	ND	ND
1,1-Dichloroethane	0.27	26	mg/kg	ND	ND
1,1-Dichloroethene	0.33	100	mg/kg	ND	ND
1,1-Dichloropropene	NS	NS	mg/kg	ND	ND
1,2,3-Trichlorobenzene	NS	NS	mg/kg	ND	ND
1,2,3-Trichloropropane	NS	NS	mg/kg	ND	ND
1,2,4,5-Tetramethylbenzene	NS	NS	mg/kg	ND	ND
1,2,4-Trichlorobenzene	NS	NS	mg/kg	ND	ND
1,2,4-Trimethylbenzene	3.6	52	mg/kg	ND	ND
1,2-Dibromo-3-chloropropane	NS	NS	mg/kg	ND	ND
1,2-Dibromoethane	NS	NS	mg/kg	ND	ND
1,2-Dichlorobenzene	1.1	100	mg/kg	ND	ND
1,2-Dichloroethane	0.02	3.1	mg/kg	ND	ND
1,2-Dichloroethene, Total	NS	NS	mg/kg	ND	ND
1,2-Dichloropropane	NS	NS	mg/kg	ND	ND
1,3,5-Trimethylbenzene	8.4	52	mg/kg	ND	ND
1,3-Dichlorobenzene	2.4	49	mg/kg	ND	ND
1,3-Dichloropropane	NS	NS	mg/kg	ND	ND
1,3-Dichloropropene, Total	NS	NS	mg/kg	ND	ND
1,4-Dichlorobenzene	1.8	13	mg/kg	ND	ND
1,4-Dioxane	0.1	13	mg/kg	ND	ND
2,2-Dichloropropane	NS	NS	mg/kg	ND	ND
2-Butanone	0.12	100	mg/kg	ND	ND
2-Hexanone	NS	NS	mg/kg	ND	ND
4-Methyl-2-pentanone	NS	NS	mg/kg	ND	ND
Acetone	0.05	100	mg/kg	ND	0.0081 J

CLIENT SAMPLE ID	NY-UNRES	NY-RESRR	Units	SB-17 (0-2)	SB-17 (9-11)
SAMPLING DATE				1/19/2021	1/19/2021
LAB SAMPLE ID				L2102822-11	L2102822-12
				Qual	Qual
Acrylonitrile	NS	NS	mg/kg	ND	ND
Benzene	0.06	4.8	mg/kg	ND	ND
Bromobenzene	NS	NS	mg/kg	ND	ND
Bromochloromethane	NS	NS	mg/kg	ND	ND
Bromodichloromethane	NS	NS	mg/kg	ND	ND
Bromoform	NS	NS	mg/kg	ND	ND
Bromomethane	NS	NS	mg/kg	ND	ND
Carbon disulfide	NS	NS	mg/kg	ND	ND
Carbon tetrachloride	0.76	2.4	mg/kg	ND	ND
Chlorobenzene	1.1	100	mg/kg	ND	ND
Chloroethane	NS	NS	mg/kg	ND	ND
Chloroform	0.37	49	mg/kg	ND	ND
Chloromethane	NS	NS	mg/kg	ND	ND
cis-1,2-Dichloroethene	0.25	100	mg/kg	ND	ND
cis-1,3-Dichloropropene	NS	NS	mg/kg	ND	ND
Dibromochloromethane	NS	NS	mg/kg	ND	ND
Dibromomethane	NS	NS	mg/kg	ND	ND
Dichlorodifluoromethane	NS	NS	mg/kg	ND	ND
Ethyl ether	NS	NS	mg/kg	ND	ND
Ethylbenzene	1	41	mg/kg	ND	ND
Hexachlorobutadiene	NS	NS	mg/kg	ND	ND
Isopropylbenzene	NS	NS	mg/kg	ND	ND
Methyl tert butyl ether	0.93	100	mg/kg	ND	ND
Methylene chloride	0.05	100	mg/kg	ND	ND
n-Butylbenzene	12	100	mg/kg	ND	ND
n-Propylbenzene	3.9	100	mg/kg	ND	ND
Naphthalene	12	100	mg/kg	ND	ND
o-Chlorotoluene	NS	NS	mg/kg	ND	ND
o-Xylene	NS	NS	mg/kg	ND	ND
p-Chlorotoluene	NS	NS	mg/kg	ND	ND
p-Diethylbenzene	NS	NS	mg/kg	ND	ND
p-Ethyltoluene	NS	NS	mg/kg	ND	ND

CLIENT SAMPLE ID	NY-UNRES	NY-RESRR	Units	SB-17 (0-2)	SB-17 (9-11)
SAMPLING DATE				1/19/2021	1/19/2021
LAB SAMPLE ID				L2102822-11	L2102822-12
				Qual	Qual
p-Isopropyltoluene	NS	NS	mg/kg	ND	ND
p/m-Xylene	NS	NS	mg/kg	ND	ND
sec-Butylbenzene	11	100	mg/kg	ND	ND
Styrene	NS	NS	mg/kg	ND	ND
tert-Butylbenzene	5.9	100	mg/kg	ND	ND
Tetrachloroethene	1.3	19	mg/kg	ND	ND
Toluene	0.7	100	mg/kg	ND	ND
trans-1,2-Dichloroethene	0.19	100	mg/kg	ND	ND
trans-1,3-Dichloropropene	NS	NS	mg/kg	ND	ND
trans-1,4-Dichloro-2-butene	NS	NS	mg/kg	ND	ND
Trichloroethene	0.47	21	mg/kg	ND	ND
Trichlorofluoromethane	NS	NS	mg/kg	ND	ND
Vinyl acetate	NS	NS	mg/kg	ND	ND
Vinyl chloride	0.02	0.9	mg/kg	ND	ND
Xylenes, Total	0.26	100	mg/kg	ND	ND

Notes:

Bold and shaded yellow value indicates concentration exceeds NY-UNRES SCOs

Bold and shaded orange value indicates concentration exceeds NY-RESRR SCOs

NY-UNRES = 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives

NY-RESRR = 6 NYCRR Part 375 Restricted-Residential Use Soil Cleanup Objectives

J = Estimated value

ND = Not detected

NS = No standard

CLIENT SAMPLE ID	NY-UNRES	NY-RESRR	Units	SB-8 (0-2)	SB-8 (6.5-8.5)	SB-9 (0-2)	SB-9 (6.5-8.5)	SB-10 (0-2)
SAMPLING DATE				1/18/2021	1/18/2021	1/18/2021	1/18/2021	1/18/2021
LAB SAMPLE ID				L2102678-01	L2102678-02	L2102678-03	L2102678-04	L2102678-05
				Qual	Qual	Qual	Qual	Qual
Semivolatile Organics by GC/MS								
1,2,4,5-Tetrachlorobenzene	NS	NS	mg/kg	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NS	NS	mg/kg	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	1.1	100	mg/kg	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	2.4	49	mg/kg	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	1.8	13	mg/kg	ND	ND	ND	ND	ND
1,4-Dioxane	0.1	13	mg/kg	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	NS	NS	mg/kg	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	NS	NS	mg/kg	ND	ND	ND	ND	ND
2,4-Dichlorophenol	NS	NS	mg/kg	ND	ND	ND	ND	ND
2,4-Dimethylphenol	NS	NS	mg/kg	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NS	NS	mg/kg	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	NS	NS	mg/kg	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	NS	NS	mg/kg	ND	ND	ND	ND	ND
2-Chloronaphthalene	NS	NS	mg/kg	ND	ND	ND	ND	ND
2-Chlorophenol	NS	NS	mg/kg	ND	ND	ND	ND	ND
2-Methylnaphthalene	NS	NS	mg/kg	ND	ND	ND	ND	ND
2-Methylphenol	0.33	100	mg/kg	ND	ND	ND	ND	ND
2-Nitroaniline	NS	NS	mg/kg	ND	ND	ND	ND	ND
2-Nitrophenol	NS	NS	mg/kg	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	NS	NS	mg/kg	ND	ND	ND	ND	ND
3-Methylphenol/4-Methylphenol	0.33	100	mg/kg	ND	ND	ND	ND	ND
3-Nitroaniline	NS	NS	mg/kg	ND	ND	ND	ND	ND
4,6-Dinitro-o-cresol	NS	NS	mg/kg	ND	ND	ND	ND	ND
4-Bromophenyl phenyl ether	NS	NS	mg/kg	ND	ND	ND	ND	ND
4-Chloroaniline	NS	NS	mg/kg	ND	ND	ND	ND	ND
4-Chlorophenyl phenyl ether	NS	NS	mg/kg	ND	ND	ND	ND	ND
4-Nitroaniline	NS	NS	mg/kg	ND	ND	ND	ND	ND
4-Nitrophenol	NS	NS	mg/kg	ND	ND	ND	ND	ND
Acenaphthene	20	100	mg/kg	0.067	J	ND	ND	ND
Acenaphthylene	100	100	mg/kg	0.059	J	ND	ND	0.55 J
Acetophenone	NS	NS	mg/kg	ND	ND	ND	ND	ND

CLIENT SAMPLE ID	NY-UNRES	NY-RESRR	Units	SB-8 (0-2)	SB-8 (6.5-8.5)	SB-9 (0-2)	SB-9 (6.5-8.5)	SB-10 (0-2)
SAMPLING DATE				1/18/2021	1/18/2021	1/18/2021	1/18/2021	1/18/2021
LAB SAMPLE ID				L2102678-01	L2102678-02	L2102678-03	L2102678-04	L2102678-05
				Qual	Qual	Qual	Qual	Qual
Anthracene	100	100	mg/kg	0.33	ND	ND	ND	0.41 J
Benzo(a)anthracene	1	1	mg/kg	0.7	ND	0.078 J	ND	1.5
Benzo(a)pyrene	1	1	mg/kg	0.59	ND	0.064 J	ND	1.8
Benzo(b)fluoranthene	1	1	mg/kg	0.76	ND	0.08 J	ND	2.3
Benzo(ghi)perylene	100	100	mg/kg	0.38	ND	0.045 J	ND	1.3
Benzo(k)fluoranthene	0.8	3.9	mg/kg	0.26	ND	ND	ND	0.73
Benzoic Acid	NS	NS	mg/kg	ND	ND	ND	ND	ND
Benzyl Alcohol	NS	NS	mg/kg	ND	ND	ND	ND	ND
Biphenyl	NS	NS	mg/kg	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	NS	NS	mg/kg	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	NS	NS	mg/kg	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	NS	NS	mg/kg	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	NS	NS	mg/kg	0.09 J	ND	ND	ND	ND
Butyl benzyl phthalate	NS	NS	mg/kg	ND	ND	ND	ND	ND
Carbazole	NS	NS	mg/kg	0.092 J	ND	ND	ND	0.22 J
Chrysene	1	3.9	mg/kg	0.64	ND	0.07 J	ND	1.5
Di-n-butylphthalate	NS	NS	mg/kg	ND	ND	ND	ND	ND
Di-n-octylphthalate	NS	NS	mg/kg	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	0.33	0.33	mg/kg	0.082 J	ND	ND	ND	0.31 J
Dibenzofuran	7	59	mg/kg	0.086 J	ND	ND	ND	ND
Diethyl phthalate	NS	NS	mg/kg	ND	ND	ND	ND	ND
Dimethyl phthalate	NS	NS	mg/kg	ND	ND	ND	ND	ND
Fluoranthene	100	100	mg/kg	1.8	ND	0.1 J	ND	3
Fluorene	30	100	mg/kg	0.088 J	ND	ND	ND	0.18 J
Hexachlorobenzene	0.33	1.2	mg/kg	ND	ND	ND	ND	ND
Hexachlorobutadiene	NS	NS	mg/kg	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	NS	NS	mg/kg	ND	ND	ND	ND	ND
Hexachloroethane	NS	NS	mg/kg	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.5	0.5	mg/kg	0.39	ND	0.043 J	ND	1.3
Isophorone	NS	NS	mg/kg	ND	ND	ND	ND	ND
n-Nitrosodi-n-propylamine	NS	NS	mg/kg	ND	ND	ND	ND	ND
Naphthalene	12	100	mg/kg	ND	ND	ND	ND	ND

CLIENT SAMPLE ID	NY-UNRES	NY-RESRR	Units	SB-8 (0-2)	SB-8 (6.5-8.5)	SB-9 (0-2)	SB-9 (6.5-8.5)	SB-10 (0-2)
SAMPLING DATE				1/18/2021	1/18/2021	1/18/2021	1/18/2021	1/18/2021
LAB SAMPLE ID				L2102678-01	L2102678-02	L2102678-03	L2102678-04	L2102678-05
				Qual	Qual	Qual	Qual	Qual
NDPA/DPA	NS	NS	mg/kg	ND	ND	ND	ND	ND
Nitrobenzene	NS	NS	mg/kg	ND	ND	ND	ND	ND
p-Chloro-m-cresol	NS	NS	mg/kg	ND	ND	ND	ND	ND
Pentachlorophenol	0.8	6.7	mg/kg	ND	ND	ND	ND	ND
Phenanthrene	100	100	mg/kg	1.5	ND	0.04 J	ND	1.7
Phenol	0.33	100	mg/kg	ND	ND	ND	ND	ND
Pyrene	100	100	mg/kg	1.5	ND	0.11	ND	2.2

Notes:

Bold and shaded yellow value indicates concentration exceeds NY-UNRES SCOs

Bold and shaded orange value indicates concentration exceeds NY-RESRR SCOs

NY-UNRES = 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives

NY-RESRR = 6 NYCRR Part 375 Restricted-Residential Use Soil Cleanup Objectives

J = Estimated value

ND = Not detected

NS = No standard

CLIENT SAMPLE ID	NY-UNRES	NY-RESRR	Units	SB-10 (7-9)	SB-13 (0-2)	SB-13 (17.5-19.5)	SB-18 (0-2)	SB-18 (20-22)
SAMPLING DATE				1/18/2021	1/18/2021	1/18/2021	1/18/2021	1/18/2021
LAB SAMPLE ID				L2102678-06	L2102678-07	L2102678-08	L2102678-11	L2102678-12
				Qual	Qual	Qual	Qual	Qual
Semivolatile Organics by GC/MS								
1,2,4,5-Tetrachlorobenzene	NS	NS	mg/kg	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NS	NS	mg/kg	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	1.1	100	mg/kg	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	2.4	49	mg/kg	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	1.8	13	mg/kg	ND	ND	ND	ND	ND
1,4-Dioxane	0.1	13	mg/kg	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	NS	NS	mg/kg	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	NS	NS	mg/kg	ND	ND	ND	ND	ND
2,4-Dichlorophenol	NS	NS	mg/kg	ND	ND	ND	ND	ND
2,4-Dimethylphenol	NS	NS	mg/kg	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NS	NS	mg/kg	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	NS	NS	mg/kg	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	NS	NS	mg/kg	ND	ND	ND	ND	ND
2-Chloronaphthalene	NS	NS	mg/kg	ND	ND	ND	ND	ND
2-Chlorophenol	NS	NS	mg/kg	ND	ND	ND	ND	ND
2-Methylnaphthalene	NS	NS	mg/kg	ND	ND	ND	ND	ND
2-Methylphenol	0.33	100	mg/kg	ND	ND	ND	ND	ND
2-Nitroaniline	NS	NS	mg/kg	ND	ND	ND	ND	ND
2-Nitrophenol	NS	NS	mg/kg	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	NS	NS	mg/kg	ND	ND	ND	ND	ND
3-Methylphenol/4-Methylphenol	0.33	100	mg/kg	ND	ND	ND	ND	ND
3-Nitroaniline	NS	NS	mg/kg	ND	ND	ND	ND	ND
4,6-Dinitro-o-cresol	NS	NS	mg/kg	ND	ND	ND	ND	ND
4-Bromophenyl phenyl ether	NS	NS	mg/kg	ND	ND	ND	ND	ND
4-Chloroaniline	NS	NS	mg/kg	ND	ND	ND	ND	ND
4-Chlorophenyl phenyl ether	NS	NS	mg/kg	ND	ND	ND	ND	ND
4-Nitroaniline	NS	NS	mg/kg	ND	ND	ND	ND	ND
4-Nitrophenol	NS	NS	mg/kg	ND	ND	ND	ND	ND
Acenaphthene	20	100	mg/kg	ND	ND	ND	ND	ND
Acenaphthylene	100	100	mg/kg	ND	ND	ND	ND	ND
Acetophenone	NS	NS	mg/kg	ND	ND	ND	ND	ND

CLIENT SAMPLE ID	NY-UNRES	NY-RESRR	Units	SB-10 (7-9)	SB-13 (0-2)	SB-13 (17.5-19.5)	SB-18 (0-2)	SB-18 (20-22)
				1/18/2021	1/18/2021	1/18/2021	1/18/2021	1/18/2021
				L2102678-06	L2102678-07	L2102678-08	L2102678-11	L2102678-12
				Qual	Qual	Qual	Qual	Qual
Anthracene	100	100	mg/kg	ND	ND	ND	ND	ND
Benzo(a)anthracene	1	1	mg/kg	ND	ND	ND	0.19	ND
Benzo(a)pyrene	1	1	mg/kg	ND	ND	ND	0.14 J	ND
Benzo(b)fluoranthene	1	1	mg/kg	ND	ND	ND	0.18	ND
Benzo(ghi)perylene	100	100	mg/kg	ND	ND	ND	0.13 J	ND
Benzo(k)fluoranthene	0.8	3.9	mg/kg	ND	ND	ND	0.05 J	ND
Benzoic Acid	NS	NS	mg/kg	ND	ND	ND	ND	ND
Benzyl Alcohol	NS	NS	mg/kg	ND	ND	ND	ND	ND
Biphenyl	NS	NS	mg/kg	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	NS	NS	mg/kg	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	NS	NS	mg/kg	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	NS	NS	mg/kg	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	NS	NS	mg/kg	ND	ND	ND	ND	ND
Butyl benzyl phthalate	NS	NS	mg/kg	ND	ND	ND	ND	ND
Carbazole	NS	NS	mg/kg	ND	ND	ND	ND	ND
Chrysene	1	3.9	mg/kg	ND	ND	ND	0.17	ND
Di-n-butylphthalate	NS	NS	mg/kg	ND	ND	ND	ND	ND
Di-n-octylphthalate	NS	NS	mg/kg	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	0.33	0.33	mg/kg	ND	ND	ND	0.033 J	ND
Dibenzofuran	7	59	mg/kg	ND	ND	ND	ND	ND
Diethyl phthalate	NS	NS	mg/kg	ND	ND	ND	ND	ND
Dimethyl phthalate	NS	NS	mg/kg	ND	ND	ND	ND	ND
Fluoranthene	100	100	mg/kg	ND	ND	ND	0.35	ND
Fluorene	30	100	mg/kg	ND	ND	ND	ND	ND
Hexachlorobenzene	0.33	1.2	mg/kg	ND	ND	ND	ND	ND
Hexachlorobutadiene	NS	NS	mg/kg	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	NS	NS	mg/kg	ND	ND	ND	ND	ND
Hexachloroethane	NS	NS	mg/kg	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.5	0.5	mg/kg	ND	ND	ND	0.15 J	ND
Isophorone	NS	NS	mg/kg	ND	ND	ND	ND	ND
n-Nitrosodi-n-propylamine	NS	NS	mg/kg	ND	ND	ND	ND	ND
Naphthalene	12	100	mg/kg	ND	ND	ND	ND	ND

CLIENT SAMPLE ID	NY-UNRES	NY-RESRR	Units	SB-10 (7-9)	SB-13 (0-2)	SB-13 (17.5-19.5)	SB-18 (0-2)	SB-18 (20-22)
SAMPLING DATE				1/18/2021	1/18/2021	1/18/2021	1/18/2021	1/18/2021
LAB SAMPLE ID				L2102678-06	L2102678-07	L2102678-08	L2102678-11	L2102678-12
				Qual	Qual	Qual	Qual	Qual
NDPA/DPA	NS	NS	mg/kg	ND	ND	ND	ND	ND
Nitrobenzene	NS	NS	mg/kg	ND	ND	ND	ND	ND
p-Chloro-m-cresol	NS	NS	mg/kg	ND	ND	ND	ND	ND
Pentachlorophenol	0.8	6.7	mg/kg	ND	ND	ND	ND	ND
Phenanthrene	100	100	mg/kg	ND	ND	ND	0.22	ND
Phenol	0.33	100	mg/kg	ND	ND	ND	ND	ND
Pyrene	100	100	mg/kg	ND	ND	ND	0.33	ND

Notes:

Bold and shaded yellow value indicates concentration exceeds NY-UNRES SCOs

Bold and shaded orange value indicates concentration exceeds NY-RESRR SCOs

NY-UNRES = 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives

NY-RESRR = 6 NYCRR Part 375 Restricted-Residential Use Soil Cleanup Objectives

J = Estimated value

ND = Not detected

NS = No standard

CLIENT SAMPLE ID	NY-UNRES	NY-RESRR	Units	SB-14 (0-2)	SB-14 (17.5-19.5)	SB-12 (0-2)	SB-12 (6.5-8.5)	SB-15 (0-2)
SAMPLING DATE				1/19/2021	1/19/2021	1/19/2021	1/19/2021	1/19/2021
LAB SAMPLE ID				L2102822-01	L2102822-02	L2102822-03	L2102822-04	L2102822-05
				Qual	Qual	Qual	Qual	Qual
Semivolatile Organics by GC/MS								
1,2,4,5-Tetrachlorobenzene	NS	NS	mg/kg	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NS	NS	mg/kg	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	1.1	100	mg/kg	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	2.4	49	mg/kg	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	1.8	13	mg/kg	ND	ND	ND	ND	ND
1,4-Dioxane	0.1	13	mg/kg	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	NS	NS	mg/kg	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	NS	NS	mg/kg	ND	ND	ND	ND	ND
2,4-Dichlorophenol	NS	NS	mg/kg	ND	ND	ND	ND	ND
2,4-Dimethylphenol	NS	NS	mg/kg	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NS	NS	mg/kg	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	NS	NS	mg/kg	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	NS	NS	mg/kg	ND	ND	ND	ND	ND
2-Chloronaphthalene	NS	NS	mg/kg	ND	ND	ND	ND	ND
2-Chlorophenol	NS	NS	mg/kg	ND	ND	ND	ND	ND
2-Methylnaphthalene	NS	NS	mg/kg	0.042 J	ND	ND	ND	ND
2-Methylphenol	0.33	100	mg/kg	ND	ND	ND	ND	ND
2-Nitroaniline	NS	NS	mg/kg	ND	ND	ND	ND	ND
2-Nitrophenol	NS	NS	mg/kg	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	NS	NS	mg/kg	ND	ND	ND	ND	ND
3-Methylphenol/4-Methylphenol	0.33	100	mg/kg	ND	ND	ND	ND	ND
3-Nitroaniline	NS	NS	mg/kg	ND	ND	ND	ND	ND
4,6-Dinitro-o-cresol	NS	NS	mg/kg	ND	ND	ND	ND	ND
4-Bromophenyl phenyl ether	NS	NS	mg/kg	ND	ND	ND	ND	ND
4-Chloroaniline	NS	NS	mg/kg	ND	ND	ND	ND	ND
4-Chlorophenyl phenyl ether	NS	NS	mg/kg	ND	ND	ND	ND	ND
4-Nitroaniline	NS	NS	mg/kg	ND	ND	ND	ND	ND
4-Nitrophenol	NS	NS	mg/kg	ND	ND	ND	ND	ND
Acenaphthene	20	100	mg/kg	ND	ND	ND	ND	ND
Acenaphthylene	100	100	mg/kg	ND	ND	ND	ND	ND
Acetophenone	NS	NS	mg/kg	ND	ND	ND	ND	ND

CLIENT SAMPLE ID	NY-UNRES	NY-RESRR	Units	SB-14 (0-2)	SB-14 (17.5-19.5)	SB-12 (0-2)	SB-12 (6.5-8.5)	SB-15 (0-2)
SAMPLING DATE				1/19/2021	1/19/2021	1/19/2021	1/19/2021	1/19/2021
LAB SAMPLE ID				L2102822-01	L2102822-02	L2102822-03	L2102822-04	L2102822-05
				Qual	Qual	Qual	Qual	Qual
Anthracene	100	100	mg/kg	ND	ND	0.04 J	ND	0.044 J
Benzo(a)anthracene	1	1	mg/kg	0.14	ND	0.18	ND	0.17
Benzo(a)pyrene	1	1	mg/kg	0.15 J	ND	0.19	ND	0.12 J
Benzo(b)fluoranthene	1	1	mg/kg	0.22	ND	0.26	ND	0.16
Benzo(ghi)perylene	100	100	mg/kg	0.11 J	ND	0.12 J	ND	0.074 J
Benzo(k)fluoranthene	0.8	3.9	mg/kg	0.073 J	ND	0.068 J	ND	0.056 J
Benzoic Acid	NS	NS	mg/kg	ND	ND	ND	ND	ND
Benzyl Alcohol	NS	NS	mg/kg	ND	ND	ND	ND	ND
Biphenyl	NS	NS	mg/kg	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	NS	NS	mg/kg	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	NS	NS	mg/kg	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	NS	NS	mg/kg	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	NS	NS	mg/kg	ND	ND	ND	ND	ND
Butyl benzyl phthalate	NS	NS	mg/kg	ND	ND	ND	ND	ND
Carbazole	NS	NS	mg/kg	0.021 J	ND	0.02 J	ND	ND
Chrysene	1	3.9	mg/kg	0.17	ND	0.18	ND	0.16
Di-n-butylphthalate	NS	NS	mg/kg	ND	ND	ND	ND	ND
Di-n-octylphthalate	NS	NS	mg/kg	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	0.33	0.33	mg/kg	0.031 J	ND	0.031 J	ND	0.023 J
Dibenzofuran	7	59	mg/kg	0.022 J	ND	ND	ND	ND
Diethyl phthalate	NS	NS	mg/kg	ND	ND	ND	ND	ND
Dimethyl phthalate	NS	NS	mg/kg	ND	ND	ND	ND	ND
Fluoranthene	100	100	mg/kg	0.25	ND	0.32	ND	0.3
Fluorene	30	100	mg/kg	ND	ND	ND	ND	ND
Hexachlorobenzene	0.33	1.2	mg/kg	ND	ND	ND	ND	ND
Hexachlorobutadiene	NS	NS	mg/kg	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	NS	NS	mg/kg	ND	ND	ND	ND	ND
Hexachloroethane	NS	NS	mg/kg	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.5	0.5	mg/kg	0.11 J	ND	0.12 J	ND	0.081 J
Isophorone	NS	NS	mg/kg	ND	ND	ND	ND	ND
n-Nitrosodi-n-propylamine	NS	NS	mg/kg	ND	ND	ND	ND	ND
Naphthalene	12	100	mg/kg	0.059 J	ND	ND	ND	ND

CLIENT SAMPLE ID	NY-UNRES	NY-RESRR	Units	SB-14 (0-2)	SB-14 (17.5-19.5)	SB-12 (0-2)	SB-12 (6.5-8.5)	SB-15 (0-2)
SAMPLING DATE				1/19/2021	1/19/2021	1/19/2021	1/19/2021	1/19/2021
LAB SAMPLE ID				L2102822-01	L2102822-02	L2102822-03	L2102822-04	L2102822-05
				Qual	Qual	Qual	Qual	Qual
NDPA/DPA	NS	NS	mg/kg	ND	ND	ND	ND	ND
Nitrobenzene	NS	NS	mg/kg	ND	ND	ND	ND	ND
p-Chloro-m-cresol	NS	NS	mg/kg	ND	ND	ND	ND	ND
Pentachlorophenol	0.8	6.7	mg/kg	ND	ND	ND	ND	ND
Phenanthrene	100	100	mg/kg	0.15	ND	0.16	ND	0.2
Phenol	0.33	100	mg/kg	ND	ND	ND	ND	ND
Pyrene	100	100	mg/kg	0.22	ND	0.31	ND	0.27

Notes:

Bold and shaded yellow value indicates concentration exceeds NY-UNRES SCOs

Bold and shaded orange value indicates concentration exceeds NY-RESRR SCOs

NY-UNRES = 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives

NY-RESRR = 6 NYCRR Part 375 Restricted-Residential Use Soil Cleanup Objectives

J = Estimated value

ND = Not detected

NS = No standard

CLIENT SAMPLE ID	NY-UNRES	NY-RESRR	Units	SB-15 (14.5-16.5)	SB-11 (0-2)	SB-11 (5-7)	SB-16 (0-2)	SB-16 (7-9)
SAMPLING DATE				1/19/2021	1/19/2021	1/19/2021	1/19/2021	1/19/2021
LAB SAMPLE ID				L2102822-06	L2102822-07	L2102822-08	L2102822-09	L2102822-10
				Qual	Qual	Qual	Qual	Qual
Semivolatile Organics by GC/MS								
1,2,4,5-Tetrachlorobenzene	NS	NS	mg/kg	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NS	NS	mg/kg	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	1.1	100	mg/kg	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	2.4	49	mg/kg	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	1.8	13	mg/kg	ND	ND	ND	ND	ND
1,4-Dioxane	0.1	13	mg/kg	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	NS	NS	mg/kg	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	NS	NS	mg/kg	ND	ND	ND	ND	ND
2,4-Dichlorophenol	NS	NS	mg/kg	ND	ND	ND	ND	ND
2,4-Dimethylphenol	NS	NS	mg/kg	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NS	NS	mg/kg	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	NS	NS	mg/kg	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	NS	NS	mg/kg	ND	ND	ND	ND	ND
2-Chloronaphthalene	NS	NS	mg/kg	ND	ND	ND	ND	ND
2-Chlorophenol	NS	NS	mg/kg	ND	ND	ND	ND	ND
2-Methylnaphthalene	NS	NS	mg/kg	ND	ND	ND	ND	ND
2-Methylphenol	0.33	100	mg/kg	ND	ND	ND	ND	ND
2-Nitroaniline	NS	NS	mg/kg	ND	ND	ND	ND	ND
2-Nitrophenol	NS	NS	mg/kg	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	NS	NS	mg/kg	ND	ND	ND	ND	ND
3-Methylphenol/4-Methylphenol	0.33	100	mg/kg	ND	ND	ND	ND	ND
3-Nitroaniline	NS	NS	mg/kg	ND	ND	ND	ND	ND
4,6-Dinitro-o-cresol	NS	NS	mg/kg	ND	ND	ND	ND	ND
4-Bromophenyl phenyl ether	NS	NS	mg/kg	ND	ND	ND	ND	ND
4-Chloroaniline	NS	NS	mg/kg	ND	ND	ND	ND	ND
4-Chlorophenyl phenyl ether	NS	NS	mg/kg	ND	ND	ND	ND	ND
4-Nitroaniline	NS	NS	mg/kg	ND	ND	ND	ND	ND
4-Nitrophenol	NS	NS	mg/kg	ND	ND	ND	ND	ND
Acenaphthene	20	100	mg/kg	ND	ND	ND	ND	ND
Acenaphthylene	100	100	mg/kg	ND	ND	ND	ND	ND
Acetophenone	NS	NS	mg/kg	ND	ND	ND	ND	ND

CLIENT SAMPLE ID	NY-UNRES	NY-RESRR	Units	SB-15 (14.5-16.5)	SB-11 (0-2)	SB-11 (5-7)	SB-16 (0-2)	SB-16 (7-9)
				1/19/2021	1/19/2021	1/19/2021	1/19/2021	1/19/2021
				L2102822-06	L2102822-07	L2102822-08	L2102822-09	L2102822-10
				Qual	Qual	Qual	Qual	Qual
Anthracene	100	100	mg/kg	ND	ND	ND	ND	ND
Benzo(a)anthracene	1	1	mg/kg	ND	0.089 J	ND	0.078 J	0.1 J
Benzo(a)pyrene	1	1	mg/kg	ND	0.08 J	ND	0.072 J	0.1 J
Benzo(b)fluoranthene	1	1	mg/kg	ND	0.12	ND	0.094 J	0.14
Benzo(ghi)perylene	100	100	mg/kg	ND	0.056 J	ND	0.049 J	0.073 J
Benzo(k)fluoranthene	0.8	3.9	mg/kg	ND	0.034 J	ND	ND	0.053 J
Benzoic Acid	NS	NS	mg/kg	ND	ND	ND	ND	ND
Benzyl Alcohol	NS	NS	mg/kg	ND	ND	ND	ND	ND
Biphenyl	NS	NS	mg/kg	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	NS	NS	mg/kg	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	NS	NS	mg/kg	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	NS	NS	mg/kg	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	NS	NS	mg/kg	ND	ND	ND	ND	ND
Butyl benzyl phthalate	NS	NS	mg/kg	ND	ND	ND	ND	ND
Carbazole	NS	NS	mg/kg	ND	ND	ND	ND	ND
Chrysene	1	3.9	mg/kg	ND	0.086 J	0.021 J	0.072 J	0.11
Di-n-butylphthalate	NS	NS	mg/kg	ND	ND	ND	ND	ND
Di-n-octylphthalate	NS	NS	mg/kg	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	0.33	0.33	mg/kg	ND	ND	ND	ND	ND
Dibenzofuran	7	59	mg/kg	ND	ND	ND	ND	ND
Diethyl phthalate	NS	NS	mg/kg	ND	ND	ND	ND	ND
Dimethyl phthalate	NS	NS	mg/kg	ND	ND	ND	ND	ND
Fluoranthene	100	100	mg/kg	ND	0.17	0.04 J	0.11	0.22
Fluorene	30	100	mg/kg	ND	ND	ND	ND	ND
Hexachlorobenzene	0.33	1.2	mg/kg	ND	ND	ND	ND	ND
Hexachlorobutadiene	NS	NS	mg/kg	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	NS	NS	mg/kg	ND	ND	ND	ND	ND
Hexachloroethane	NS	NS	mg/kg	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.5	0.5	mg/kg	ND	0.061 J	ND	0.045 J	0.077 J
Isophorone	NS	NS	mg/kg	ND	ND	ND	ND	ND
n-Nitrosodi-n-propylamine	NS	NS	mg/kg	ND	ND	ND	ND	ND
Naphthalene	12	100	mg/kg	ND	ND	ND	ND	ND

CLIENT SAMPLE ID	NY-UNRES	NY-RESRR	Units	SB-15 (14.5-16.5)	SB-11 (0-2)	SB-11 (5-7)	SB-16 (0-2)	SB-16 (7-9)
SAMPLING DATE				1/19/2021	1/19/2021	1/19/2021	1/19/2021	1/19/2021
LAB SAMPLE ID				L2102822-06	L2102822-07	L2102822-08	L2102822-09	L2102822-10
				Qual	Qual	Qual	Qual	Qual
NDPA/DPA	NS	NS	mg/kg	ND	ND	ND	ND	ND
Nitrobenzene	NS	NS	mg/kg	ND	ND	ND	ND	ND
p-Chloro-m-cresol	NS	NS	mg/kg	ND	ND	ND	ND	ND
Pentachlorophenol	0.8	6.7	mg/kg	ND	ND	ND	ND	ND
Phenanthrene	100	100	mg/kg	ND	0.093 J	0.026 J	0.046 J	0.14
Phenol	0.33	100	mg/kg	ND	ND	ND	ND	ND
Pyrene	100	100	mg/kg	ND	0.14	0.036 J	0.12	0.18

Notes:

Bold and shaded yellow value indicates concentration exceeds NY-UNRES SCOs

Bold and shaded orange value indicates concentration exceeds NY-RESRR SCOs

NY-UNRES = 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives

NY-RESRR = 6 NYCRR Part 375 Restricted-Residential Use Soil Cleanup Objectives

J = Estimated value

ND = Not detected

NS = No standard

CLIENT SAMPLE ID	NY-UNRES	NY-RESRR	Units	SB-17 (0-2)	SB-17 (9-11)
SAMPLING DATE				1/19/2021	1/19/2021
LAB SAMPLE ID				L2102822-11	L2102822-12
				Qual	Qual
Semivolatile Organics by GC/MS					
1,2,4,5-Tetrachlorobenzene	NS	NS	mg/kg	ND	ND
1,2,4-Trichlorobenzene	NS	NS	mg/kg	ND	ND
1,2-Dichlorobenzene	1.1	100	mg/kg	ND	ND
1,3-Dichlorobenzene	2.4	49	mg/kg	ND	ND
1,4-Dichlorobenzene	1.8	13	mg/kg	ND	ND
1,4-Dioxane	0.1	13	mg/kg	ND	ND
2,4,5-Trichlorophenol	NS	NS	mg/kg	ND	ND
2,4,6-Trichlorophenol	NS	NS	mg/kg	ND	ND
2,4-Dichlorophenol	NS	NS	mg/kg	ND	ND
2,4-Dimethylphenol	NS	NS	mg/kg	ND	ND
2,4-Dinitrophenol	NS	NS	mg/kg	ND	ND
2,4-Dinitrotoluene	NS	NS	mg/kg	ND	ND
2,6-Dinitrotoluene	NS	NS	mg/kg	ND	ND
2-Chloronaphthalene	NS	NS	mg/kg	ND	ND
2-Chlorophenol	NS	NS	mg/kg	ND	ND
2-Methylnaphthalene	NS	NS	mg/kg	ND	ND
2-Methylphenol	0.33	100	mg/kg	ND	ND
2-Nitroaniline	NS	NS	mg/kg	ND	ND
2-Nitrophenol	NS	NS	mg/kg	ND	ND
3,3'-Dichlorobenzidine	NS	NS	mg/kg	ND	ND
3-Methylphenol/4-Methylphenol	0.33	100	mg/kg	ND	ND
3-Nitroaniline	NS	NS	mg/kg	ND	ND
4,6-Dinitro-o-cresol	NS	NS	mg/kg	ND	ND
4-Bromophenyl phenyl ether	NS	NS	mg/kg	ND	ND
4-Chloroaniline	NS	NS	mg/kg	ND	ND
4-Chlorophenyl phenyl ether	NS	NS	mg/kg	ND	ND
4-Nitroaniline	NS	NS	mg/kg	ND	ND
4-Nitrophenol	NS	NS	mg/kg	ND	ND
Acenaphthene	20	100	mg/kg	ND	ND
Acenaphthylene	100	100	mg/kg	ND	ND
Acetophenone	NS	NS	mg/kg	ND	ND

CLIENT SAMPLE ID	NY-UNRES	NY-RESRR	Units	SB-17 (0-2)	SB-17 (9-11)
SAMPLING DATE				1/19/2021	1/19/2021
LAB SAMPLE ID				L2102822-11	L2102822-12
				Qual	Qual
Anthracene	100	100	mg/kg	ND	ND
Benzo(a)anthracene	1	1	mg/kg	ND	0.042 J
Benzo(a)pyrene	1	1	mg/kg	ND	ND
Benzo(b)fluoranthene	1	1	mg/kg	ND	0.054 J
Benzo(ghi)perylene	100	100	mg/kg	ND	0.03 J
Benzo(k)fluoranthene	0.8	3.9	mg/kg	ND	ND
Benzoic Acid	NS	NS	mg/kg	ND	ND
Benzyl Alcohol	NS	NS	mg/kg	ND	ND
Biphenyl	NS	NS	mg/kg	ND	ND
Bis(2-chloroethoxy)methane	NS	NS	mg/kg	ND	ND
Bis(2-chloroethyl)ether	NS	NS	mg/kg	ND	ND
Bis(2-chloroisopropyl)ether	NS	NS	mg/kg	ND	ND
Bis(2-ethylhexyl)phthalate	NS	NS	mg/kg	ND	ND
Butyl benzyl phthalate	NS	NS	mg/kg	ND	ND
Carbazole	NS	NS	mg/kg	ND	ND
Chrysene	1	3.9	mg/kg	ND	0.045 J
Di-n-butylphthalate	NS	NS	mg/kg	ND	ND
Di-n-octylphthalate	NS	NS	mg/kg	ND	ND
Dibenzo(a,h)anthracene	0.33	0.33	mg/kg	ND	ND
Dibenzofuran	7	59	mg/kg	ND	ND
Diethyl phthalate	NS	NS	mg/kg	ND	ND
Dimethyl phthalate	NS	NS	mg/kg	ND	ND
Fluoranthene	100	100	mg/kg	0.024 J	0.073 J
Fluorene	30	100	mg/kg	ND	ND
Hexachlorobenzene	0.33	1.2	mg/kg	ND	ND
Hexachlorobutadiene	NS	NS	mg/kg	ND	ND
Hexachlorocyclopentadiene	NS	NS	mg/kg	ND	ND
Hexachloroethane	NS	NS	mg/kg	ND	ND
Indeno(1,2,3-cd)pyrene	0.5	0.5	mg/kg	ND	0.03 J
Isophorone	NS	NS	mg/kg	ND	ND
n-Nitrosodi-n-propylamine	NS	NS	mg/kg	ND	ND
Naphthalene	12	100	mg/kg	ND	ND

CLIENT SAMPLE ID	NY-UNRES	NY-RESRR	Units	SB-17 (0-2)	SB-17 (9-11)
SAMPLING DATE				1/19/2021	1/19/2021
LAB SAMPLE ID				L2102822-11	L2102822-12
				Qual	Qual
NDPA/DPA	NS	NS	mg/kg	ND	ND
Nitrobenzene	NS	NS	mg/kg	ND	ND
p-Chloro-m-cresol	NS	NS	mg/kg	ND	ND
Pentachlorophenol	0.8	6.7	mg/kg	ND	ND
Phenanthrene	100	100	mg/kg	ND	0.032 J
Phenol	0.33	100	mg/kg	ND	ND
Pyrene	100	100	mg/kg	0.022 J	0.065 J

Notes:

Bold and shaded yellow value indicates concentration exceeds NY-UNRES SCOs

Bold and shaded orange value indicates concentration exceeds NY-RESRR SCOs

NY-UNRES = 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives

NY-RESRR = 6 NYCRR Part 375 Restricted-Residential Use Soil Cleanup Objectives

J = Estimated value

ND = Not detected

NS = No standard

CLIENT SAMPLE ID	NY-UNRES	NY-RESRR	Units	SB-8 (0-2)	SB-8 (6.5-8.5)	SB-9 (0-2)	SB-9 (6.5-8.5)	SB-10 (0-2)	SB-10 (7-9)	SB-13 (0-2)	SB-13 (17.5-19.5)	
SAMPLING DATE				1/18/2021	1/18/2021	1/18/2021	1/18/2021	1/18/2021	1/18/2021	1/18/2021	1/18/2021	1/18/2021
LAB SAMPLE ID				L2102678-01	L2102678-02	L2102678-03	L2102678-04	L2102678-05	L2102678-06	L2102678-07	L2102678-08	
				Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	
Total Metals												
Aluminum, Total	NS	NS	mg/kg	2570	84.5	2250	1750	1810	4050	4330	1410	
Antimony, Total	NS	NS	mg/kg	1.89 J	2.26 J	1.33 J	0.744 J	2.84 J	2.99 J	2.14 J	1.51 J	
Arsenic, Total	13	16	mg/kg	3.31	2.37	5.97	1.26	17.4	3.53	5.18	4.48	
Barium, Total	350	400	mg/kg	23.9	23.1	41.8	10.7	234	10.3	54.3	13.7	
Beryllium, Total	7.2	72	mg/kg	0.17 J	ND	0.193 J	0.122 J	0.101 J	0.178 J	0.274 J	0.101 J	
Cadmium, Total	2.5	4.3	mg/kg	0.644 J	0.824 J	0.683 J	0.33 J	2.02	0.263 J	0.943	0.462 J	
Calcium, Total	NS	NS	mg/kg	1230	338	1470	652	89200	413	3200	798	
Chromium, Total	NS	NS	mg/kg	91.6	119	46.2	19.3	11.7	6.2	40	115	
Cobalt, Total	NS	NS	mg/kg	60.5	81	49	17.7	8.03	4.84	21.9	56.1	
Copper, Total	50	270	mg/kg	9.99	ND	13	6.84	14.1	4.96	30.8	4.72	
Iron, Total	NS	NS	mg/kg	27400	36500	27400	12700	34400	9830	16300	19700	
Lead, Total	63	400	mg/kg	3.38 J	ND	44.7	2.87 J	1420	6.17	222	1.87 J	
Magnesium, Total	NS	NS	mg/kg	99600	140000	96200	25000	6050	1550	21400	118000	
Manganese, Total	1600	2000	mg/kg	543	1920	854	239	179	104	277	651	
Mercury, Total	0.18	0.81	mg/kg	ND	ND	ND	ND	1.05	ND	0.158	ND	
Nickel, Total	30	310	mg/kg	1280	1620	1050	454	74.5	16.4	390	1490	
Potassium, Total	NS	NS	mg/kg	471	ND	473	330	280	188 J	623	300	
Selenium, Total	3.9	180	mg/kg	0.233 J	ND	ND	ND	0.884 J	ND	0.232 J	ND	
Silver, Total	2	180	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	
Sodium, Total	NS	NS	mg/kg	88.8 J	44 J	69.6 J	59.3 J	225	26.5 J	78.2 J	47.4 J	
Thallium, Total	NS	NS	mg/kg	1.12 J	3.75	1.49 J	0.433 J	0.47 J	ND	0.463 J	1.01 J	
Vanadium, Total	NS	NS	mg/kg	13	3.13	13.9	9.07	11.1	9.38	20.9	5.85	
Zinc, Total	109	10000	mg/kg	25.8	10.1	42.7	16.1	1080	26.1	149	16.3	

Notes:

Bold and shaded yellow value indicates concentration exceeds NY-UNRES SCOs

Bold and shaded orange value indicates concentration exceeds NY-RESRR SCOs

NY-UNRES = 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives

NY-RESRR = 6 NYCRR Part 375 Restricted-Residential Use Soil Cleanup Objectives

J = Estimated value

ND = Not detected

NS = No standard

CLIENT SAMPLE ID	NY-UNRES	NY-RESRR	Units	SB-18 (0-2)	SB-18 (20-22)	SB-14 (0-2)	SB-14 (17.5-19.5)	SB-12 (0-2)	SB-12 (6.5-8.5)	SB-15 (0-2)
SAMPLING DATE				1/18/2021	1/18/2021	1/19/2021	1/19/2021	1/19/2021	1/19/2021	1/19/2021
LAB SAMPLE ID				L2102678-11	L2102678-12	L2102822-01	L2102822-02	L2102822-03	L2102822-04	L2102822-05
				Qual	Qual	Qual	Qual	Qual	Qual	Qual
Total Metals										
Aluminum, Total	NS	NS	mg/kg	7110	2970	7760	8790	5010	6520	3370
Antimony, Total	NS	NS	mg/kg	1.79 J	1.15 J	1.14 J	ND	0.405 J	ND	ND
Arsenic, Total	13	16	mg/kg	8.42	7.5	11.2	3.3	6.24	4.59	3.34
Barium, Total	350	400	mg/kg	115	24.4	81.6	77.6	83.8	21.7	47.7
Beryllium, Total	7.2	72	mg/kg	0.416 J	0.212 J	0.342 J	0.284 J	0.164 J	0.219 J	0.101 J
Cadmium, Total	2.5	4.3	mg/kg	0.918 J	0.517 J	0.844 J	0.542 J	0.829 J	0.362 J	0.709 J
Calcium, Total	NS	NS	mg/kg	2970	3400	1580	1320	3420	648	12800
Chromium, Total	NS	NS	mg/kg	39.3	52.7	39.5	16.9	33.9	16	136
Cobalt, Total	NS	NS	mg/kg	24.9	36	30.4	9.41	21	9.94	48
Copper, Total	50	270	mg/kg	74.3	16.2	168	17.5	44.6	6.58	10.8
Iron, Total	NS	NS	mg/kg	20300	20700	22300	20900	19200	17900	27500
Lead, Total	63	400	mg/kg	320	15.2	156	11	189	7.47	31.8
Magnesium, Total	NS	NS	mg/kg	14200	69700	16100	4710	22600	1990	114000
Manganese, Total	1600	2000	mg/kg	432	428	624	521	402	368	1540
Mercury, Total	0.18	0.81	mg/kg	0.206	ND	0.232	ND	0.204	ND	0.064 J
Nickel, Total	30	310	mg/kg	314	790	334	32.4	375	29	937
Potassium, Total	NS	NS	mg/kg	719	1000	399	1400	641	266	518
Selenium, Total	3.9	180	mg/kg	ND	0.262 J	0.626 J	ND	0.501 J	ND	0.58 J
Silver, Total	2	180	mg/kg	ND	ND	ND	ND	ND	ND	ND
Sodium, Total	NS	NS	mg/kg	65.8 J	141 J	57.1 J	98.5 J	69.1 J	35.2 J	62.5 J
Thallium, Total	NS	NS	mg/kg	0.52 J	0.678 J	ND	ND	ND	ND	ND
Vanadium, Total	NS	NS	mg/kg	35.3	19.3	26.6	24.3	20.8	20.4	12.2
Zinc, Total	109	10000	mg/kg	204	39.4	129	48.3	151	24.8	40

Notes:

Bold and shaded yellow value indicates concentration exceeds NY-UNRES SCOs

Bold and shaded orange value indicates concentration exceeds NY-RESRR SCOs

NY-UNRES = 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives

NY-RESRR = 6 NYCRR Part 375 Restricted-Residential Use Soil Cleanup Objectives

J = Estimated value

ND = Not detected

NS = No standard

CLIENT SAMPLE ID	NY-UNRES	NY-RESRR	Units	SB-15 (14.5-16.5)	SB-11 (0-2)	SB-11 (5-7)	SB-16 (0-2)	SB-16 (7-9)	SB-17 (0-2)	SB-17 (9-11)
SAMPLING DATE				1/19/2021	1/19/2021	1/19/2021	1/19/2021	1/19/2021	1/19/2021	1/19/2021
LAB SAMPLE ID				L2102822-06	L2102822-07	L2102822-08	L2102822-09	L2102822-10	L2102822-11	L2102822-12
				Qual	Qual	Qual	Qual	Qual	Qual	Qual
Total Metals										
Aluminum, Total	NS	NS	mg/kg	8310	10200	7670	7040	6880	7100	5580
Antimony, Total	NS	NS	mg/kg	ND	ND	ND	ND	ND	ND	0.74 J
Arsenic, Total	13	16	mg/kg	3.5	6.55	8.93	4.64	4.96	9.2	10.3
Barium, Total	350	400	mg/kg	62.5	51.3	52.4	69	68.7	47	63
Beryllium, Total	7.2	72	mg/kg	0.199 J	0.216 J	0.187 J	0.26 J	0.206 J	0.214 J	0.167 J
Cadmium, Total	2.5	4.3	mg/kg	0.511 J	0.621 J	0.955	0.654 J	0.664 J	0.525 J	0.643 J
Calcium, Total	NS	NS	mg/kg	2190	1470	2130	2520	4030	2570	7660
Chromium, Total	NS	NS	mg/kg	20.4	37.4	82	52	47.1	22.9	21.1
Cobalt, Total	NS	NS	mg/kg	9.68	19.9	48.4	16.1	18.2	9.82	7.66
Copper, Total	50	270	mg/kg	18.6	26.4	43	39.4	26	28.4	57.2
Iron, Total	NS	NS	mg/kg	20800	22500	31500	19800	21000	18000	15600
Lead, Total	63	400	mg/kg	12.2	60.8	31.8	94.3	84.2	34.5	81.4
Magnesium, Total	NS	NS	mg/kg	4980	7280	21200	7310	18400	3590	5360
Manganese, Total	1600	2000	mg/kg	548	487	869	431	564	315	280
Mercury, Total	0.18	0.81	mg/kg	ND	ND	ND	0.882	0.312	0.056 J	ND
Nickel, Total	30	310	mg/kg	86.6	213	751	187	255	54.1	59.3
Potassium, Total	NS	NS	mg/kg	1690	958	1780	765	1000	713	693
Selenium, Total	3.9	180	mg/kg	ND	0.348 J	ND	ND	ND	ND	ND
Silver, Total	2	180	mg/kg	ND	ND	ND	ND	ND	ND	ND
Sodium, Total	NS	NS	mg/kg	128 J	59.3 J	116 J	74.7 J	117 J	88 J	92.1 J
Thallium, Total	NS	NS	mg/kg	ND	ND	ND	ND	ND	ND	ND
Vanadium, Total	NS	NS	mg/kg	24.9	30.2	32.7	23.2	23.9	24.2	21.4
Zinc, Total	109	10000	mg/kg	51.8	79	88.9	84.7	73.9	46.2	75.4

Notes:

Bold and shaded yellow value indicates concentration exceeds NY-UNRES SCOs

Bold and shaded orange value indicates concentration exceeds NY-RESRR SCOs

NY-UNRES = 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives

NY-RESRR = 6 NYCRR Part 375 Restricted-Residential Use Soil Cleanup Objectives

J = Estimated value

ND = Not detected

NS = No standard

CLIENT SAMPLE ID	NY-UNRES	NY-RESRR	Units	SB-8 (0-2)	SB-8 (6.5-8.5)	SB-9 (0-2)	SB-9 (6.5-8.5)	SB-10 (0-2)	SB-10 (7-9)	SB-13 (0-2)	SB-13 (17.5-19.5)	SB-18 (0-2)	SB-18 (20-22)	SB-14 (0-2)	
SAMPLING DATE				1/18/2021	1/18/2021	1/18/2021	1/18/2021	1/18/2021	1/18/2021	1/18/2021	1/18/2021	1/18/2021	1/18/2021	1/18/2021	1/19/2021
LAB SAMPLE ID				L2102678-01	L2102678-02	L2102678-03	L2102678-04	L2102678-05	L2102678-06	L2102678-07	L2102678-08	L2102678-11	L2102678-12	L2102822-01	
				Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	
Chlorinated Herbicides by GC															
2,4,5-T	NS	NS	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
2,4,5-TP (Silvex)	3.8	100	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
2,4-D	NS	NS	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Polychlorinated Biphenyls by GC															
Aroclor 1016	0.1	1	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Aroclor 1221	0.1	1	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Aroclor 1232	0.1	1	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Aroclor 1242	0.1	1	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Aroclor 1248	0.1	1	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Aroclor 1254	0.1	1	mg/kg	0.0214 J	ND	ND	ND	ND	ND	0.00913 J	ND	ND	ND	0.0211 J	
Aroclor 1260	0.1	1	mg/kg	0.0124 J	ND	ND	ND	0.00834 J	ND	ND	ND	ND	ND	ND	
Aroclor 1262	0.1	1	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Aroclor 1268	0.1	1	mg/kg	0.00417 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
PCBs, Total	0.1	1	mg/kg	0.038 J	ND	ND	ND	0.00834 J	ND	0.00913 J	ND	ND	ND	0.0211 J	
Organochlorine Pesticides by GC															
4,4'-DDD	0.0033	13	mg/kg	0.00338	ND	ND	ND	0.0133	ND	ND	ND	ND	ND	0.0104	
4,4'-DDE	0.0033	8.9	mg/kg	0.0121	ND	0.00138 J	ND	0.0436	ND	ND	ND	0.00615	ND	0.03	
4,4'-DDT	0.0033	7.9	mg/kg	0.0105	ND	0.00442	ND	0.167	ND	ND	ND	0.00597	ND	0.0216	
Aldrin	0.005	0.097	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Alpha-BHC	0.02	0.48	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Beta-BHC	0.036	0.36	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Chlordane	NS	NS	mg/kg	0.0844	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
cis-Chlordane	0.094	4.2	mg/kg	0.00597	ND	0.00467	ND	0.00559 J	ND	ND	ND	0.00103 J	ND	0.00168 J	
Delta-BHC	0.04	100	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Dieldrin	0.005	0.2	mg/kg	0.00958	ND	ND	ND	0.00748	ND	ND	ND	ND	ND	ND	
Endosulfan I	2.4	24	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Endosulfan II	2.4	24	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Endosulfan sulfate	2.4	24	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Endrin	0.014	11	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Endrin aldehyde	NS	NS	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Endrin ketone	NS	NS	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Heptachlor	0.042	2.1	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Heptachlor epoxide	NS	NS	mg/kg	ND	ND	0.00104 J	ND	ND	ND	ND	ND	ND	ND	ND	
Lindane	0.1	1.3	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Methoxychlor	NS	NS	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Toxaphene	NS	NS	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
trans-Chlordane	NS	NS	mg/kg	0.00525	ND	0.00432	ND	0.00944 J	ND	ND	ND	ND	ND	0.00434	

Notes:

Bold and shaded yellow value indicates concentration exceeds NY-UNRES SCOs

Bold and shaded orange value indicates concentration exceeds NY-RESRR SCOs

NY-UNRES = 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives

NY-RESRR = 6 NYCRR Part 375 Restricted-Residential Use Soil Cleanup Objectives

J = Estimated value

ND = Not detected

NS = No standard

CLIENT SAMPLE ID	NY-UNRES	NY-RESRR	Units	SB-14 (17.5-19.5)	SB-12 (0-2)	SB-12 (6.5-8.5)	SB-15 (0-2)	SB-15 (14.5-16.5)	SB-11 (0-2)	SB-11 (5-7)	SB-16 (0-2)	SB-16 (7-9)	SB-17 (0-2)	SB-17 (9-11)	
				1/19/2021	1/19/2021	1/19/2021	1/19/2021	1/19/2021	1/19/2021	1/19/2021	1/19/2021	1/19/2021	1/19/2021	1/19/2021	1/19/2021
				LAB SAMPLE ID	L2102822-02	L2102822-03	L2102822-04	L2102822-05	L2102822-06	L2102822-07	L2102822-08	L2102822-09	L2102822-10	L2102822-11	L2102822-12
				Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	
Chlorinated Herbicides by GC															
2,4,5-T	NS	NS	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
2,4,5-TP (Silvex)	3.8	100	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
2,4-D	NS	NS	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Polychlorinated Biphenyls by GC															
Aroclor 1016	0.1	1	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Aroclor 1221	0.1	1	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Aroclor 1232	0.1	1	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Aroclor 1242	0.1	1	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Aroclor 1248	0.1	1	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Aroclor 1254	0.1	1	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	0.0142 J	0.00877 J	0.00705 J	
Aroclor 1260	0.1	1	mg/kg	ND	0.0658	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Aroclor 1262	0.1	1	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Aroclor 1268	0.1	1	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
PCBs, Total	0.1	1	mg/kg	ND	0.0658	ND	ND	ND	ND	ND	ND	0.0142 J	0.00877 J	0.00705 J	
Organochlorine Pesticides by GC															
4,4'-DDD	0.0033	13	mg/kg	ND	0.00585	ND	ND	ND	ND	ND	0.00226	ND	ND	0.00111 J	
4,4'-DDE	0.0033	8.9	mg/kg	ND	0.00324	ND	0.00193	ND	0.001 J	ND	0.00279	0.00308	0.00612	0.00334	
4,4'-DDT	0.0033	7.9	mg/kg	ND	0.00844	ND	0.00379	ND	0.00226 J	ND	0.00377	0.00616	0.00685	0.00345	
Aldrin	0.005	0.097	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Alpha-BHC	0.02	0.48	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Beta-BHC	0.036	0.36	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Chlordane	NS	NS	mg/kg	ND	ND	ND	ND	ND	ND	ND	0.0235	ND	0.096	ND	
cis-Chlordane	0.094	4.2	mg/kg	ND	0.00144 J	ND	0.0464	ND	ND	ND	0.0028	0.0129	0.0102	0.00803	
Delta-BHC	0.04	100	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Dieldrin	0.005	0.2	mg/kg	ND	ND	ND	ND	ND	ND	ND	0.00232	ND	ND	0.001 J	
Endosulfan I	2.4	24	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Endosulfan II	2.4	24	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Endosulfan sulfate	2.4	24	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Endrin	0.014	11	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Endrin aldehyde	NS	NS	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Endrin ketone	NS	NS	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Heptachlor	0.042	2.1	mg/kg	ND	ND	ND	0.00537	ND	ND	ND	ND	0.00218	ND	ND	
Heptachlor epoxide	NS	NS	mg/kg	ND	ND	ND	0.00388	ND	ND	ND	ND	0.003 J	0.00289 J	0.00107 J	
Lindane	0.1	1.3	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Methoxychlor	NS	NS	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Toxaphene	NS	NS	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
trans-Chlordane	NS	NS	mg/kg	ND	0.00171 J	ND	0.0673	ND	ND	ND	0.00204 J	0.021	0.0108	0.00973	

Notes:

Bold and shaded yellow value indicates concentration exceeds NY-UNRES SCOs

Bold and shaded orange value indicates concentration exceeds NY-RESRR SCOs

NY-UNRES = 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives

NY-RESRR = 6 NYCRR Part 375 Restricted-Residential Use Soil Cleanup Objectives

J = Estimated value

ND = Not detected

NS = No standard

CLIENT SAMPLE ID	NY-UNRES	NY-RESRR	Units	SB-10 (0-2)	SB-14 (0-2)
SAMPLING DATE				1/18/2021	1/19/2021
LAB SAMPLE ID				L2102678-05	L2102822-01
				Qual	Qual
Perfluorinated Alkyl Acids by Isotope Dilution					
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	NS	NS	ng/g	ND	ND
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	NS	NS	ng/g	ND	ND
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NS	NS	ng/g	0.0095 J	0.144 JF
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NS	NS	ng/g	ND	ND
Perfluorobutanesulfonic Acid (PFBS)	NS	NS	ng/g	ND	ND
Perfluorobutanoic Acid (PFBA)	NS	NS	ng/g	0.0052 J	ND
Perfluorodecanesulfonic Acid (PFDS)	NS	NS	ng/g	ND	ND
Perfluorodecanoic Acid (PFDA)	NS	NS	ng/g	ND	ND
Perfluorododecanoic Acid (PFDoA)	NS	NS	ng/g	ND	ND
Perfluoroheptanesulfonic Acid (PFHpS)	NS	NS	ng/g	ND	ND
Perfluoroheptanoic Acid (PFHpA)	NS	NS	ng/g	0.005 J	ND
Perfluorohexanesulfonic Acid (PFHxS)	NS	NS	ng/g	ND	ND
Perfluorohexanoic Acid (PFHxA)	NS	NS	ng/g	ND	ND
Perfluorononanoic Acid (PFNA)	NS	NS	ng/g	0.157 J	0.337
Perfluorooctanesulfonamide (FOSA)	NS	NS	ng/g	ND	ND
Perfluorooctanesulfonic Acid (PFOS)	0.88	44	ng/g	0.928	0.602
Perfluorooctanoic Acid (PFOA)	0.66	33	ng/g	2.39	1.56
Perfluoropentanoic Acid (PFPeA)	NS	NS	ng/g	0.0072 J	ND
Perfluorotetradecanoic Acid (PFTA)	NS	NS	ng/g	ND	ND
Perfluorotridecanoic Acid (PFTrDA)	NS	NS	ng/g	ND	ND
Perfluoroundecanoic Acid (PFUnA)	NS	NS	ng/g	ND	ND
PFOA/PFOS, Total	NS	NS	ng/g	3.32	2.16

Notes:

Bold and shaded yellow value indicates concentration exceeds NY-UNRES SCOs

Bold and shaded orange value indicates concentration exceeds NY-RESRR SCOs

NY-UNRES = 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives

NY-RESRR = 6 NYCRR Part 375 Restricted-Residential Use Soil Cleanup Objectives

The NY-UNRES and NY-RESRR for all PFAS analytes are proposed SCOs per NYSDEC's Sampling, Analysis, and Assessment of PFAS Under NYSDEC's Part 375 Remedial Programs, updated October 2020

J = Estimated value

F = The ratio of quantifier ion response to qualifier ion response falls outside the laboratory criteria

ND = Not detected

NS = No standard

LOCATION	NYSDOH Matrix	EPA-VISL -RTSSGC	Units	SV-7	SV-8	SV-9	SV-10	SV-11	SV-12	SV-13	SV-14	SV-15	NYSDOH Matrix Decision
SAMPLING DATE				1/21/2021	1/21/2021	1/21/2021	1/21/2021	1/21/2021	1/21/2021	1/21/2021	1/21/2021	1/21/2021	
LAB SAMPLE ID				L2103206-01	L2103206-02	L2103206-03	L2103206-04	L2103206-05	L2103206-06	L2103206-07	L2103206-08	L2103206-09	
				Qual									
Volatile Organic Compounds													
Ethylbenzene	-	37.4	ug/m3	23.5	23.7	22.5	22.5	5.08	31.8	30.2	203	163	
p/m-Xylene	-	3480	ug/m3	75.6	78.2	79.9	75.6	16.2	96.4	93.8	634	547	
Bromoform	-	85.1	ug/m3	ND									
Styrene	-	34800	ug/m3	ND									
1,1,2,2-Tetrachloroethane	-	1.61	ug/m3	ND									
o-Xylene	-	3480	ug/m3	20	21.2	21.7	18.9	3.86	25.3	25	175	150	
4-Ethyltoluene	-	NS	ug/m3	4.63	5.46	5.65	4.29	ND	5.26	6.15	56.5	60	
1,3,5-Trimethylbenzene	-	2090	ug/m3	1.93	2.91	3.27	1.82	ND	2.75	3.48	26.2	25	
1,2,4-Trimethylbenzene	-	2090	ug/m3	8.21	12.4	13.8	8.21	1.75	11.4	14.4	96.8	98.3	
Benzyl chloride	-	1.91	ug/m3	ND									
1,3-Dichlorobenzene	-	NS	ug/m3	ND									
1,4-Dichlorobenzene	-	8.51	ug/m3	ND									
1,2-Dichlorobenzene	-	6950	ug/m3	ND									
1,2,4-Trichlorobenzene	-	69.5	ug/m3	ND									
Hexachlorobutadiene	-	4.25	ug/m3	ND									

Notes:

Bold and yellow shaded value indicates concentration exceeds EPA-VISL-RTSSGC

* = NYSDOH Matrix Decisions are described in the report narrative and the NYSDOH Soil Vapor Guidance, with May 2017 updates

** = EPA VISL Default Residential Target Sub-Slab & Exterior Soil Gas Concentrations Criteria

ND = Not detected

NS = No standard

Table 4A. Remedial Investigation - Volatile Organic Compound Analytical Results in Soil
River North Site
178, 194 Richmond Terrace 8 Stuyvesant Place, Staten Island, NY
BCP Site C243045

LOCATION	SB-2(2-4')		SB-2(4-6')		SB-6(2-4')		SB-6(4-6')		SB-8(2-4')		SB-8(4-6')		SB-10(2-4')		SB-10(4-6')		SB-13(13-15')		SB-13(15-17')		SB-14(2-4')		SB-14(4-6')		SB-18(3-5')		SB-18(11-13')		SB-19(1-3')		SB-19(3-5')		SB-20(8-10')		SB-20(13-15')				
	SAMPLING DATE	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022			
LAB SAMPLE ID	L2231315-12	L2231315-13	L2231077-01	L2231077-02	L2231315-16	L2231315-17	L2231315-10	L2231315-11	L2230668-01	L2230668-02	L2231077-03	L2231077-04	L2231315-19	L2231315-18	L2231315-06	L2231315-07	L2231315-04	L2231315-05																					
SAMPLE TYPE	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL				
	NY-RESRR	NY-UNRES	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual																
Volatile Organics by EPA 5035																																							
1,1,1,2-Tetrachloroethane			mg/kg	0.00058	U	0.00086	U	0.0005	U	0.00052	U	0.00054	U	0.00046	U	0.00055	U	0.00057	U	0.0005	U	0.00046	U	0.00048	U	0.00044	U	0.00047	U	0.0005	U	0.00058	U	0.00049	U	0.00068	U	0.00049	U
1,1,1-Trichloroethane	100	0.68	mg/kg	0.00058	U	0.00086	U	0.0005	U	0.00052	U	0.00054	U	0.00046	U	0.00055	U	0.00057	U	0.0005	U	0.00046	U	0.00048	U	0.00044	U	0.00047	U	0.0005	U	0.00058	U	0.00049	U	0.00068	U	0.00049	U
1,1,2,2-Tetrachloroethane			mg/kg	0.00058	U	0.00086	U	0.0005	U	0.00052	U	0.00054	U	0.00046	U	0.00055	U	0.00057	U	0.0005	U	0.00046	U	0.00048	U	0.00044	U	0.00047	U	0.0005	U	0.00058	U	0.00049	U	0.00068	U	0.00049	U
1,1,2-Trichloroethane			mg/kg	0.0012	U	0.0017	U	0.00099	U	0.001	U	0.0011	U	0.00092	U	0.0011	U	0.00099	U	0.00099	U	0.00092	U	0.00096	U	0.00089	U	0.00094	U	0.00099	U	0.0012	U	0.00098	U	0.0014	U	0.00098	U
1,1-Dichloroethane	26	0.27	mg/kg	0.0012	U	0.0017	U	0.00099	U	0.001	U	0.0011	U	0.00092	U	0.0011	U	0.00099	U	0.00099	U	0.00092	U	0.00096	U	0.00089	U	0.00094	U	0.00099	U	0.0012	U	0.00098	U	0.0014	U	0.00098	U
1,1-Dichloroethane	100	0.33	mg/kg	0.0012	U	0.0017	U	0.00099	U	0.001	U	0.0011	U	0.00092	U	0.0011	U	0.00099	U	0.00099	U	0.00092	U	0.00096	U	0.00089	U	0.00094	U	0.00099	U	0.0012	U	0.00098	U	0.0014	U	0.00098	U
1,1-Dichloropropene			mg/kg	0.00058	U	0.00086	U	0.0005	U	0.00052	U	0.00054	U	0.00046	U	0.00055	U	0.00057	U	0.0005	U	0.00046	U	0.00048	U	0.00044	U	0.00047	U	0.0005	U	0.00058	U	0.00049	U	0.00068	U	0.00049	U
1,2,3-Trichlorobenzene			mg/kg	0.0023	U	0.0034	U	0.002	U	0.0021	U	0.0022	U	0.0018	U	0.0022	U	0.0023	U	0.002	U	0.0018	U	0.0019	U	0.0018	U	0.0019	U	0.002	U	0.0023	U	0.002	U	0.0027	U	0.002	U
1,2,3-Trichloropropane			mg/kg	0.0023	U	0.0034	U	0.002	U	0.0021	U	0.0022	U	0.0018	U	0.0022	U	0.0023	U	0.002	U	0.0018	U	0.0019	U	0.0018	U	0.0019	U	0.002	U	0.0023	U	0.002	U	0.0027	U	0.002	U
1,2,4,5-Tetramethylbenzene			mg/kg	0.0023	U	0.0034	U	0.002	U	0.0021	U	0.0022	U	0.0018	U	0.0022	U	0.0023	U	0.002	U	0.0018	U	0.0019	U	0.0018	U	0.0019	U	0.002	U	0.0023	U	0.002	U	0.0027	U	0.002	U
1,2,4-Trichlorobenzene			mg/kg	0.0023	U	0.0034	U	0.002	U	0.0021	U	0.0022	U	0.0018	U	0.0022	U	0.0023	U	0.002	U	0.0018	U	0.0019	U	0.0018	U	0.0019	U	0.002	U	0.0023	U	0.002	U	0.0027	U	0.002	U
1,2,4-Trimethylbenzene	52	3.6	mg/kg	0.0023	U	0.0034	U	0.002	U	0.0021	U	0.0022	U	0.0018	U	0.0022	U	0.0023	U	0.002	U	0.0018	U	0.0019	U	0.0018	U	0.0019	U	0.002	U	0.0023	U	0.002	U	0.0027	U	0.002	U
1,2-Dibromo-3-chloropropane			mg/kg	0.0035	U	0.0052	U	0.003	U	0.0031	U	0.0032	U	0.0027	U	0.0033	U	0.0034	U	0.003	U	0.0028	U	0.0029	U	0.0027	U	0.0028	U	0.003	U	0.0034	U	0.003	U	0.004	U	0.0029	U
1,2-Dibromoethane			mg/kg	0.0012	U	0.0017	U	0.00099	U	0.001	U	0.0011	U	0.00092	U	0.0011	U	0.00099	U	0.00092	U	0.00092	U	0.00096	U	0.00089	U	0.00094	U	0.00099	U	0.0012	U	0.00098	U	0.0014	U	0.00098	U
1,2-Dichlorobenzene	100	1.1	mg/kg	0.0023	U	0.0034	U	0.002	U	0.0021	U	0.0022	U	0.0018	U	0.0022	U	0.0023	U	0.002	U	0.0018	U	0.0019	U	0.0018	U	0.0019	U	0.002	U	0.0023	U	0.002	U	0.0027	U	0.002	U
1,2-Dichloroethane	3.1	0.02	mg/kg	0.0012	U	0.0017	U	0.00099	U	0.001	U	0.0011	U	0.00092	U	0.0011	U	0.00099	U	0.00092	U	0.00092	U	0.00096	U	0.00089	U	0.00094	U	0.00099	U	0.0012	U	0.00098	U	0.0014	U	0.00098	U
1,2-Dichloroethane, Total			mg/kg	0.0012	U	0.0017	U	0.00099	U	0.001	U	0.0011	U	0.00092	U	0.0011	U	0.00099	U	0.00092	U	0.00092	U	0.00096	U	0.00089	U	0.00094	U	0.00099	U	0.0012	U	0.00098	U	0.0014	U	0.00098	U
1,2-Dichloropropane			mg/kg	0.0012	U	0.0017	U	0.00099	U	0.001	U	0.0011	U	0.00092	U	0.0011	U	0.00099	U	0.00092	U	0.00092	U	0.00096	U	0.00089	U	0.00094	U	0.00099	U	0.0012	U	0.00098	U	0.0014	U	0.00098	U
1,3,5-Trimethylbenzene	52	8.4	mg/kg	0.0023	U	0.0034	U	0.002	U	0.0021	U	0.0022	U	0.0018	U	0.0022	U	0.0023	U	0.002	U	0.0018	U	0.0019	U	0.0018	U	0.0019	U	0.002	U	0.0022	U	0.002	U	0.0027	U	0.002	U
1,3-Dichlorobenzene	49	2.4	mg/kg	0.0023	U	0.0034	U	0.002	U	0.0021	U	0.0022	U	0.0018	U	0.0022	U	0.0023	U	0.002	U	0.0018	U	0.0019	U	0.0018	U	0.0019	U	0.002	U	0.0023	U	0.002	U	0.0027	U	0.002	U
1,3-Dichloropropane			mg/kg	0.0023	U	0.0034	U	0.002	U	0.0021	U	0.0022	U	0.0018	U	0.0022	U	0.0023	U	0.002	U	0.0018	U	0.0019	U	0.0018	U	0.0019	U	0.002	U	0.0023	U	0.002	U	0.0027	U	0.002	U
1,3-Dichloropropene, Total			mg/kg	0.00058	U	0.00086	U	0.0005	U	0.00052	U	0.00054	U	0.00046	U	0.00055	U	0.00057	U	0.0005	U	0.00046	U	0.00048	U	0.00044	U	0.00047	U	0.0005	U	0.00058	U	0.00049	U	0.00068	U	0.00049	U
1,4-Dichlorobenzene	13	1.8	mg/kg	0.0023	U	0.0034	U	0.002	U	0.0021	U	0.0022	U	0.0018	U	0.0022	U	0.0023	U	0.002	U	0.0018	U	0.0019	U	0.0018	U	0.0019	U	0.002	U	0.0023	U	0.002	U	0.0027	U	0.002	U
1,4-Dioxane	13	0.1	mg/kg	0.094	U	0.14	U	0.079	U	0.083	U	0.086	U	0.073	U	0.088	U	0.092	U	0.079	U	0.074	U	0.077	U	0.071	U	0.075	U	0.079	U	0.092	U	0.079	U	0.11	U	0.078	U
2,2-Dichloropropane			mg/kg	0.0023	U	0.0034	U	0.002	U	0.0021	U	0.0022	U	0.0018	U	0.0022	U	0.0023	U	0.002	U	0.0018	U	0.0019	U	0.0018	U	0.0019	U	0.002	U	0.0023	U	0.002	U	0.0027	U	0.002	U
2-Butanone	100	0.12	mg/kg	0.012	U	0.017	U	0.0099	U	0.01	U	0.011	U	0.0092	U	0.011	U	0.011	U	0.0099	U	0.0092	U	0.0096	U	0.0089	U	0.0094	U	0.0099	U	0.012	U	0.0098	U	0.014	U	0.0098	U
2-Hexanone			mg/kg	0.012	U	0.017	U	0.0099	U	0.01	U	0.011	U	0.0092	U	0.011	U	0.011	U	0.0099	U	0.0092	U	0.0096	U	0.0089	U	0.0094	U	0.0099	U	0.012	U	0.0098	U	0.014	U	0.0098	U

Table 4A. Remedial Investigation - Volatile Organic Compound Analytical Results in Soil
 River North Site
 178, 194 Richmond Terrace 8 Stuyvesant Place, Staten Island, NY
 BCP Site C243045

LOCATION	SB-21(8-10')		SB-21(13-15')		SB-22(8-10')		SB-22(10-12')		SB-23 (8-10')		SB-23 (12-14')		SB-24 (8-10')		SB-24 (15-17')		SB-25 (8-10')		SB-25 (13-15')		SB-26 (5-7')		SB-26 (8-10')		SB-27 (3-5')		SB-27 (6-8')		SB-28 (8-10')		SB-28 (10-12')		SB-29 (2-4')		SB-29 (13-15')				
SAMPLING DATE	6/13/2022		6/13/2022		6/13/2022		6/13/2022		6/10/2022		6/10/2022		6/10/2022		6/10/2022		6/10/2022		6/10/2022		6/10/2022		6/10/2022		6/10/2022		6/10/2022		6/10/2022		6/9/2022		6/9/2022						
LAB SAMPLE ID	L2231315-02		L2231315-03		L2231315-08		L2231315-09		L2231077-05		L2231077-06		L2231077-07		L2231077-08		L2231077-09		L2231077-10		L2231077-11		L2231077-12		L2231077-13		L2231077-14		L2231077-15		L2230668-03		L2230668-04						
SAMPLE TYPE	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL						
	NY-RESRR	NY-UNRES	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual						
Volatile Organics by EPA 5035																																							
1,1,1,2-Tetrachloroethane			mg/kg	0.00045	U	0.00041	U	0.00054	U	0.00054	U	0.00042	U	0.00041	U	0.00054	U	0.00044	U	0.00043	U	0.00079	U	0.00046	U	0.00051	U	0.00048	U	0.0006	U	0.00043	U	0.0004	U	0.0005	U	0.00087	U
1,1,1-Trichloroethane	100	0.68	mg/kg	0.00045	U	0.00041	U	0.00054	U	0.00054	U	0.00042	U	0.00041	U	0.00054	U	0.00044	U	0.00043	U	0.00079	U	0.00046	U	0.00051	U	0.00048	U	0.0006	U	0.00043	U	0.0004	U	0.0005	U	0.00087	U
1,1,2,2-Tetrachloroethane			mg/kg	0.00045	U	0.00041	U	0.00054	U	0.00054	U	0.00042	U	0.00041	U	0.00054	U	0.00044	U	0.00043	U	0.00079	U	0.00046	U	0.00051	U	0.00048	U	0.0006	U	0.00043	U	0.0004	U	0.0005	U	0.00087	U
1,1,2-Trichloroethane			mg/kg	0.00089	U	0.00083	U	0.0011	U	0.0011	U	0.00083	U	0.00082	U	0.0011	U	0.00088	U	0.00086	U	0.0016	U	0.00093	U	0.001	U	0.00097	U	0.0012	U	0.00085	U	0.0008	U	0.001	U	0.0017	U
1,1-Dichloroethane	26	0.27	mg/kg	0.00089	U	0.00083	U	0.0011	U	0.0011	U	0.00083	U	0.00082	U	0.0011	U	0.00088	U	0.00086	U	0.0016	U	0.00093	U	0.001	U	0.00097	U	0.0012	U	0.00085	U	0.0008	U	0.001	U	0.0017	U
1,1-Dichloroethane	100	0.33	mg/kg	0.00089	U	0.00083	U	0.0011	U	0.0011	U	0.00083	U	0.00082	U	0.0011	U	0.00088	U	0.00086	U	0.0016	U	0.00093	U	0.001	U	0.00097	U	0.0012	U	0.00085	U	0.0008	U	0.001	U	0.0017	U
1,1-Dichloropropene			mg/kg	0.00045	U	0.00041	U	0.00054	U	0.00054	U	0.00042	U	0.00041	U	0.00054	U	0.00044	U	0.00043	U	0.00079	U	0.00046	U	0.00051	U	0.00048	U	0.0006	U	0.00043	U	0.0004	U	0.0005	U	0.00087	U
1,2,3-Trichlorobenzene			mg/kg	0.0018	U	0.0016	U	0.0022	U	0.0022	U	0.0017	U	0.0016	U	0.0021	U	0.0018	U	0.0017	U	0.0032	U	0.0018	U	0.002	U	0.0019	U	0.0024	U	0.0017	U	0.0016	U	0.002	U	0.0035	U
1,2,3-Trichloropropane			mg/kg	0.0018	U	0.0016	U	0.0022	U	0.0022	U	0.0017	U	0.0016	U	0.0021	U	0.0018	U	0.0017	U	0.0032	U	0.0018	U	0.002	U	0.0019	U	0.0024	U	0.0017	U	0.0016	U	0.002	U	0.0035	U
1,2,4,5-Tetramethylbenzene			mg/kg	0.0018	U	0.0016	U	0.0022	U	0.0022	U	0.0017	U	0.0016	U	0.0021	U	0.0018	U	0.0017	U	0.0032	U	0.0018	U	0.002	U	0.0019	U	0.0024	U	0.0017	U	0.0016	U	0.002	U	0.0035	U
1,2,4-Trichlorobenzene			mg/kg	0.0018	U	0.0016	U	0.0022	U	0.0022	U	0.0017	U	0.0016	U	0.0021	U	0.0018	U	0.0017	U	0.0032	U	0.0018	U	0.002	U	0.0019	U	0.0024	U	0.0017	U	0.0016	U	0.002	U	0.0035	U
1,2,4-Trimethylbenzene	52	3.6	mg/kg	0.0018	U	0.0016	U	0.0022	U	0.0022	U	0.0017	U	0.0016	U	0.0021	U	0.0018	U	0.0017	U	0.0032	U	0.0018	U	0.002	U	0.0019	U	0.0024	U	0.0017	U	0.0016	U	0.002	U	0.0035	U
1,2-Dibromo-3-chloropropane			mg/kg	0.0027	U	0.0025	U	0.0033	U	0.0032	U	0.0025	U	0.0024	U	0.0032	U	0.0026	U	0.0026	U	0.0047	U	0.0028	U	0.003	U	0.0029	U	0.0036	U	0.0026	U	0.0024	U	0.003	U	0.0052	U
1,2-Dibromoethane			mg/kg	0.00089	U	0.00083	U	0.0011	U	0.0011	U	0.00083	U	0.00082	U	0.0011	U	0.00088	U	0.00086	U	0.0016	U	0.00093	U	0.001	U	0.00097	U	0.0012	U	0.00085	U	0.0008	U	0.001	U	0.0017	U
1,2-Dichlorobenzene	100	1.1	mg/kg	0.0018	U	0.0016	U	0.0022	U	0.0022	U	0.0017	U	0.0016	U	0.0021	U	0.0018	U	0.0017	U	0.0032	U	0.0018	U	0.002	U	0.0019	U	0.0024	U	0.0017	U	0.0016	U	0.002	U	0.0035	U
1,2-Dichloroethane	3.1	0.02	mg/kg	0.00089	U	0.00083	U	0.0011	U	0.0011	U	0.00083	U	0.00082	U	0.0011	U	0.00088	U	0.00086	U	0.0016	U	0.00093	U	0.001	U	0.00097	U	0.0012	U	0.00085	U	0.0008	U	0.001	U	0.0017	U
1,2-Dichloroethane, Total			mg/kg	0.00089	U	0.00083	U	0.0011	U	0.0011	U	0.00083	U	0.00082	U	0.0011	U	0.00088	U	0.00086	U	0.0016	U	0.00093	U	0.001	U	0.00097	U	0.0012	U	0.00085	U	0.0008	U	0.001	U	0.0017	U
1,2-Dichloropropane			mg/kg	0.00089	U	0.00083	U	0.0011	U	0.0011	U	0.00083	U	0.00082	U	0.0011	U	0.00088	U	0.00086	U	0.0016	U	0.00093	U	0.001	U	0.00097	U	0.0012	U	0.00085	U	0.0008	U	0.001	U	0.0017	U
1,3,5-Trimethylbenzene	52	8.4	mg/kg	0.0018	U	0.0016	U	0.0022	U	0.0022	U	0.0017	U	0.0016	U	0.0021	U	0.0018	U	0.0017	U	0.0032	U	0.0018	U	0.002	U	0.0019	U	0.0024	U	0.0017	U	0.0016	U	0.002	U	0.0035	U
1,3-Dichlorobenzene	49	2.4	mg/kg	0.0018	U	0.0016	U	0.0022	U	0.0022	U	0.0017	U	0.0016	U	0.0021	U	0.0018	U	0.0017	U	0.0032	U	0.0018	U	0.002	U	0.0019	U	0.0024	U	0.0017	U	0.0016	U	0.002	U	0.0035	U
1,3-Dichloropropane			mg/kg	0.0018	U	0.0016	U	0.0022	U	0.0022	U	0.0017	U	0.0016	U	0.0021	U	0.0018	U	0.0017	U	0.0032	U	0.0018	U	0.002	U	0.0019	U	0.0024	U	0.0017	U	0.0016	U	0.002	U	0.0035	U
1,3-Dichloropropene, Total			mg/kg	0.00045	U	0.00041	U	0.00054	U	0.00054	U	0.00042	U	0.00041	U	0.00054	U	0.00044	U	0.00043	U	0.00079	U	0.00046	U	0.00051	U	0.00048	U	0.0006	U	0.00043	U	0.0004	U	0.0005	U	0.00087	U
1,4-Dichlorobenzene	13	1.8	mg/kg	0.0018	U	0.0016	U	0.0022	U	0.0022	U	0.0017	U	0.0016	U	0.0021	U	0.0018	U	0.0017	U	0.0032	U	0.0018	U	0.002	U	0.0019	U	0.0024	U	0.0017	U	0.0016	U	0.002	U	0.0035	U
1,4-Dioxane	13	0.1	mg/kg	0.071	U	0.066	U	0.087	U	0.086	U	0.066	U	0.066	U	0.086	U	0.071	U	0.068	U	0.13	U	0.074	U	0.081	U	0.077	U	0.096	U	0.068	U	0.064	U	0.08	U	0.14	U
2,2-Dichloropropane			mg/kg	0.0018	U	0.0016	U	0.0022	U	0.0022	U	0.0017	U	0.0016	U	0.0021	U	0.0018	U	0.0017	U	0.0032	U	0.0018	U	0.002	U	0.0019	U	0.0024	U	0.0017	U	0.0016	U	0.002	U	0.0035	U
2-Butanone	100	0.12	mg/kg	0.0089	U	0.0083	U	0.011	U	0.011	U	0.0083	U	0.0082	U	0.0088	U	0.0082	U	0.0088	U	0.016	U	0.0093	U	0.01	U	0.0097	U	0.012	U	0.0085	U	0.008	U	0.01	U	0.017	U
2-Hexanone			mg/kg	0.0089	U	0.0083	U	0.011	U	0.011	U	0.0083	U	0.0082	U	0.0088	U	0.0082	U	0.0088	U	0.016	U	0.0093	U	0.01	U	0.0097	U	0.012	U	0.0085	U	0.008	U	0.01	U	0.017	U
4-Methyl-2-pentanone			mg/kg	0.0089	U	0.0083	U	0.011	U	0.011	U	0.0083	U	0.0082	U	0.0088	U	0.0082	U	0.0088	U	0.016	U	0.0093	U	0.01	U	0.											

Table 4A. Remedial Investigation - Volatile Organic Compound Analytical Results in Soil
 River North Site
 178, 194 Richmond Terrace 8 Stuyvesant Place, Staten Island, NY
 BCP Site C243045

LOCATION	SB-30 (2-4')		SB-30 (16-18')		SB-31 (2-4')		SB-31 (11-13')		SB-32 (6-8')		SB-32 (8-10')		SB-33 (2-4')		SB-33 (16-18')		SB-34 (0-2')		SB-34 (10-12')		SB-35 (0-2')		SB-35 (8-10')		SB-36 (0-2')		SB-36 (3-5')		SB-37 (2-4')		SB-37 (7-9')		SB-38 (6-8')		SB-38 (8-10')				
SAMPLING DATE	6/9/2022		6/9/2022		6/9/2022		6/9/2022		6/9/2022		6/9/2022		6/9/2022		6/9/2022		6/9/2022		6/9/2022		6/9/2022		6/9/2022		6/9/2022		6/9/2022		6/9/2022		6/9/2022		6/9/2022		6/9/2022				
LAB SAMPLE ID	L2230668-05		L2230668-06		L2230668-07		L2230668-08		L2230668-09		L2230668-10		L2230668-11		L2230668-12		L2230668-13		L2230668-14		L2230668-29		L2230668-30		L2230668-31		L2230668-32		L2231549-01		L2231549-02		L2230668-33		L2230668-34				
SAMPLE TYPE	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL				
	NY-RESRR	NY-UNRES	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual				
Volatile Organics by EPA 5035																																							
1,1,1,2-Tetrachloroethane			mg/kg	0.00049	U	0.00063	U	0.00051	U	0.00039	U	0.00049	U	0.00044	U	0.00063	U	0.00048	U	0.00045	U	0.00054	U	0.00048	U	0.00039	U	0.00046	U	0.00087	U	0.0004	U	0.0005	U	0.00059	U	0.00048	U
1,1,1-Trichloroethane	100	0.68	mg/kg	0.00049	U	0.00063	U	0.00051	U	0.00039	U	0.00049	U	0.00044	U	0.00063	U	0.00048	U	0.00045	U	0.00054	U	0.00048	U	0.00039	U	0.00046	U	0.00087	U	0.0004	U	0.0005	U	0.00059	U	0.00048	U
1,1,2,2-Tetrachloroethane			mg/kg	0.00049	U	0.00063	U	0.00051	U	0.00039	U	0.00049	U	0.00044	U	0.00063	U	0.00048	U	0.00045	U	0.00054	U	0.00048	U	0.00039	U	0.00046	U	0.00087	U	0.0004	U	0.0005	U	0.00059	U	0.00048	U
1,1,2-Trichloroethane			mg/kg	0.00098	U	0.0012	U	0.001	U	0.00079	U	0.00098	U	0.00088	U	0.0013	U	0.00095	U	0.0009	U	0.0011	U	0.00096	U	0.00078	U	0.00092	U	0.0017	U	0.0008	U	0.00099	U	0.0012	U	0.00096	U
1,1-Dichloroethane	26	0.27	mg/kg	0.00098	U	0.0012	U	0.001	U	0.00079	U	0.00098	U	0.00088	U	0.0013	U	0.00095	U	0.0009	U	0.0011	U	0.00096	U	0.00078	U	0.00092	U	0.0017	U	0.0008	U	0.00099	U	0.0012	U	0.00096	U
1,1-Dichloroethane	100	0.33	mg/kg	0.00098	U	0.0012	U	0.001	U	0.00079	U	0.00098	U	0.00088	U	0.0013	U	0.00095	U	0.0009	U	0.0011	U	0.00096	U	0.00078	U	0.00092	U	0.0017	U	0.0008	U	0.00099	U	0.0012	U	0.00096	U
1,1-Dichloropropene			mg/kg	0.00049	U	0.00063	U	0.00051	U	0.00039	U	0.00049	U	0.00044	U	0.00063	U	0.00048	U	0.00045	U	0.00054	U	0.00048	U	0.00039	U	0.00046	U	0.00087	U	0.0004	U	0.0005	U	0.00059	U	0.00048	U
1,2,3-Trichlorobenzene			mg/kg	0.002	U	0.0025	U	0.002	U	0.0016	U	0.002	U	0.0018	U	0.0025	U	0.0019	U	0.0018	U	0.0022	U	0.0019	U	0.0016	U	0.0018	U	0.0035	U	0.0016	U	0.002	U	0.0024	U	0.0019	U
1,2,3-Trichloropropene			mg/kg	0.002	U	0.0025	U	0.002	U	0.0016	U	0.002	U	0.0018	U	0.0025	U	0.0019	U	0.0018	U	0.0022	U	0.0019	U	0.0016	U	0.0018	U	0.0035	U	0.0016	U	0.002	U	0.0024	U	0.0019	U
1,2,4,5-Tetramethylbenzene			mg/kg	0.002	U	0.0025	U	0.002	U	0.0016	U	0.002	U	0.0018	U	0.0025	U	0.0019	U	0.0018	U	0.0022	U	0.0019	U	0.0016	U	0.0018	U	0.0035	U	0.0016	U	0.002	U	0.0024	U	0.0019	U
1,2,4-Trichlorobenzene			mg/kg	0.002	U	0.0025	U	0.002	U	0.0016	U	0.002	U	0.0018	U	0.0025	U	0.0019	U	0.0018	U	0.0022	U	0.0019	U	0.0016	U	0.0018	U	0.0035	U	0.0016	U	0.002	U	0.0024	U	0.0019	U
1,2,4-Trimethylbenzene	52	3.6	mg/kg	0.002	U	0.0025	U	0.002	U	0.0016	U	0.002	U	0.0018	U	0.0025	U	0.0019	U	0.0018	U	0.0022	U	0.0019	U	0.0016	U	0.0018	U	0.0035	U	0.0016	U	0.002	U	0.0024	U	0.0019	U
1,2-Dibromo-3-chloropropane			mg/kg	0.0029	U	0.0038	U	0.0031	U	0.0024	U	0.0029	U	0.0026	U	0.0038	U	0.0028	U	0.0027	U	0.0033	U	0.0029	U	0.0024	U	0.0028	U	0.0052	U	0.0024	U	0.003	U	0.0035	U	0.0029	U
1,2-Dibromoethane			mg/kg	0.00098	U	0.0012	U	0.001	U	0.00079	U	0.00098	U	0.00088	U	0.0013	U	0.00095	U	0.0009	U	0.0011	U	0.00096	U	0.00078	U	0.00092	U	0.0017	U	0.0008	U	0.00099	U	0.0012	U	0.00096	U
1,2-Dichlorobenzene	100	1.1	mg/kg	0.002	U	0.0025	U	0.002	U	0.0016	U	0.002	U	0.0018	U	0.0025	U	0.0019	U	0.0018	U	0.0022	U	0.0019	U	0.0016	U	0.0018	U	0.0035	U	0.0016	U	0.002	U	0.0024	U	0.0019	U
1,2-Dichloroethane	3.1	0.02	mg/kg	0.00098	U	0.0012	U	0.001	U	0.00079	U	0.00098	U	0.00088	U	0.0013	U	0.00095	U	0.0009	U	0.0011	U	0.00096	U	0.00078	U	0.00092	U	0.0017	U	0.0008	U	0.00099	U	0.0012	U	0.00096	U
1,2-Dichloroethane, Total			mg/kg	0.00098	U	0.0012	U	0.001	U	0.00079	U	0.00098	U	0.00088	U	0.0013	U	0.00095	U	0.0009	U	0.0011	U	0.00096	U	0.00078	U	0.00092	U	0.0017	U	0.0008	U	0.00099	U	0.0012	U	0.00096	U
1,2-Dichloropropane			mg/kg	0.00098	U	0.0012	U	0.001	U	0.00079	U	0.00098	U	0.00088	U	0.0013	U	0.00095	U	0.0009	U	0.0011	U	0.00096	U	0.00078	U	0.00092	U	0.0017	U	0.0008	U	0.00099	U	0.0012	U	0.00096	U
1,3,5-Trimethylbenzene	52	8.4	mg/kg	0.002	U	0.0025	U	0.002	U	0.0016	U	0.002	U	0.0018	U	0.0025	U	0.0019	U	0.0018	U	0.0022	U	0.0019	U	0.0016	U	0.0018	U	0.0035	U	0.0016	U	0.002	U	0.0024	U	0.0019	U
1,3-Dichlorobenzene	49	2.4	mg/kg	0.002	U	0.0025	U	0.002	U	0.0016	U	0.002	U	0.0018	U	0.0025	U	0.0019	U	0.0018	U	0.0022	U	0.0019	U	0.0016	U	0.0018	U	0.0035	U	0.0016	U	0.002	U	0.0024	U	0.0019	U
1,3-Dichloropropane			mg/kg	0.002	U	0.0025	U	0.002	U	0.0016	U	0.002	U	0.0018	U	0.0025	U	0.0019	U	0.0018	U	0.0022	U	0.0019	U	0.0016	U	0.0018	U	0.0035	U	0.0016	U	0.002	U	0.0024	U	0.0019	U
1,3-Dichloropropene, Total			mg/kg	0.00049	U	0.00063	U	0.00051	U	0.00039	U	0.00049	U	0.00044	U	0.00063	U	0.00048	U	0.00045	U	0.00054	U	0.00048	U	0.00039	U	0.00046	U	0.00087	U	0.0004	U	0.0005	U	0.00059	U	0.00048	U
1,4-Dichlorobenzene	13	1.8	mg/kg	0.002	U	0.0025	U	0.002	U	0.0016	U	0.002	U	0.0018	U	0.0025	U	0.0019	U	0.0018	U	0.0022	U	0.0019	U	0.0016	U	0.0018	U	0.0035	U	0.0016	U	0.002	U	0.0024	U	0.0019	U
1,4-Dioxane	13	0.1	mg/kg	0.078	U	0.1	U	0.082	U	0.063	U	0.078	U	0.07	U	0.1	U	0.076	U	0.072	U	0.087	U	0.076	U	0.063	U	0.074	U	0.14	U	0.064	U	0.08	U	0.094	U	0.077	U
2,2-Dichloropropane			mg/kg	0.002	U	0.0025	U	0.002	U	0.0016	U	0.002	U	0.0018	U	0.0025	U	0.0019	U	0.0018	U	0.0022	U	0.0019	U	0.0016	U	0.0018	U	0.0035	U	0.0016	U	0.002	U	0.0024	U	0.0019	U
2-Butanone	100	0.12	mg/kg	0.0098	U	0.012	U	0.0068	J	0.0079	U	0.0098	U	0.0088	U	0.013	U	0.0095	U	0.009	U	0.011	U	0.0096	U	0.0078	U	0.0092	U	0.017	U	0.008	U	0.0099	U	0.012	U	0.0096	U
2-Hexanone			mg/kg	0.0098	U	0.012	U	0.01	U	0.0079	U	0.0098	U	0.0088	U	0.013	U	0.0095	U	0.009	U	0.011	U	0.0096	U	0.0078	U	0.0092	U	0.017	U	0.008	U	0.0099	U	0.012	U	0.0096	U
4-Methyl-2-pentanone			mg/kg	0.0098	U	0.012	U	0.01	U	0.0079	U	0.0098	U	0.0088	U	0.013	U	0.0095	U	0.009	U	0.011	U	0.0096															

Table 4A. Remedial Investigation - Volatile Organic Compound Analytical Results in Soil
River North Site
178, 194 Richmond Terrace 8 Stuyvesant Place, Staten Island, NY
BCP Site C243045

LOCATION	SB-39 (3-5')		SB-39 (5-7')		SB-40(0-2')		SB-41 (0-2')		SB-41 (2-4')		SB-42 (0-2')		SB-42 (2-4')		SB-43 (0-2')		SB-43 (2-4')		SB-44 (0-2')		SB-44 (0-2')		SB-44 (2-4')		SB-45 (0-2')		SB-45 (2-4')		SB-46 (0-2')		SB-46 (2-4')		SB-47 (0-2')		SB-47 (2-4')				
	6/14/2022		6/14/2022		6/13/2022		6/7/2022		6/7/2022		6/7/2022		6/7/2022		6/10/2022		6/10/2022		6/9/2022		6/9/2022		6/9/2022		6/9/2022		6/9/2022		6/9/2022		6/9/2022		6/10/2022		6/10/2022				
	L2231549-03		L2231549-04		L2231315-15		L2229886-01		L2229886-02		L2229886-03		L2229886-04		L2231077-17		L2231077-18		L2230668-15		L2230668-15 R1		L2230668-16		L2230668-17		L2230668-18		L2230668-19		L2230668-20		L2231077-19		L2231077-20				
LAB SAMPLE ID	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL				
	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual					
SAMPLE TYPE	NY-RESRR	NY-UNRES	Units																																				
Volatile Organics by EPA 5035																																							
1,1,2-Tetrachloroethane			mg/kg	0.00044	U	0.00048	U	0.00053	U	0.00072	U	0.00044	U	0.00062	U	0.00064	U	0.00049	U	0.00057	U	0.00063	U	0.00056	U	0.00051	U	0.00068	U	0.00045	U	0.00051	U	0.00048	U	0.00054	U	0.00063	U
1,1,1-Trichloroethane	100	0.68	mg/kg	0.00044	U	0.00048	U	0.00053	U	0.00072	U	0.00044	U	0.00062	U	0.00064	U	0.00049	U	0.00057	U	0.00063	U	0.00056	U	0.00051	U	0.00068	U	0.00045	U	0.00051	U	0.00048	U	0.00054	U	0.00063	U
1,1,2,2-Tetrachloroethane			mg/kg	0.00044	U	0.00048	U	0.00053	U	0.00072	U	0.00044	U	0.00062	U	0.00064	U	0.00049	U	0.00057	U	0.00063	U	0.00056	U	0.00051	U	0.00068	U	0.00045	U	0.00051	U	0.00048	U	0.00054	U	0.00063	U
1,1,2-Trichloroethane			mg/kg	0.00088	U	0.00095	U	0.001	U	0.0014	U	0.00088	U	0.0012	U	0.0013	U	0.00098	U	0.0011	U	0.0012	U	0.0011	U	0.001	U	0.0014	U	0.00091	U	0.001	U	0.00095	U	0.0011	U	0.0012	U
1,1-Dichloroethane	26	0.27	mg/kg	0.00088	U	0.00095	U	0.001	U	0.0014	U	0.00088	U	0.0012	U	0.0013	U	0.00098	U	0.0011	U	0.0012	U	0.0011	U	0.001	U	0.0014	U	0.00091	U	0.001	U	0.00095	U	0.0011	U	0.0012	U
1,1-Dichloroethane	100	0.33	mg/kg	0.00088	U	0.00095	U	0.001	U	0.0014	U	0.00088	U	0.0012	U	0.0013	U	0.00098	U	0.0011	U	0.0012	U	0.0011	U	0.001	U	0.0014	U	0.00091	U	0.001	U	0.00095	U	0.0011	U	0.0012	U
1,1-Dichloropropene			mg/kg	0.00044	U	0.00048	U	0.00053	U	0.00072	U	0.00044	U	0.00062	U	0.00064	U	0.00049	U	0.00057	U	0.00063	U	0.00056	U	0.00051	U	0.00068	U	0.00045	U	0.00051	U	0.00048	U	0.00054	U	0.00063	U
1,2,3-Trichlorobenzene			mg/kg	0.0018	U	0.0019	U	0.0021	U	0.0029	U	0.0018	U	0.0025	U	0.0026	U	0.002	U	0.0023	U	0.0025	U	0.0022	U	0.002	U	0.0027	U	0.0018	U	0.002	U	0.0019	U	0.0022	U	0.0025	U
1,2,3-Trichloropropane			mg/kg	0.0018	U	0.0019	U	0.0021	U	0.0029	U	0.0018	U	0.0025	U	0.0026	U	0.002	U	0.0023	U	0.0025	U	0.0022	U	0.002	U	0.0027	U	0.0018	U	0.002	U	0.0019	U	0.0022	U	0.0025	U
1,2,4,5-Tetramethylbenzene			mg/kg	0.0018	U	0.0019	U	0.0021	U	0.0029	U	0.0018	U	0.0025	U	0.0026	U	0.002	U	0.0023	U	0.0025	U	0.0022	U	0.002	U	0.0027	U	0.0018	U	0.002	U	0.0019	U	0.0022	U	0.0025	U
1,2,4-Trichlorobenzene			mg/kg	0.0018	U	0.0019	U	0.0021	U	0.0029	U	0.0018	U	0.0025	U	0.0026	U	0.002	U	0.0023	U	0.0025	U	0.0022	U	0.002	U	0.0027	U	0.0018	U	0.002	U	0.0019	U	0.0022	U	0.0025	U
1,2,4-Trimethylbenzene	52	3.6	mg/kg	0.0018	U	0.0019	U	0.0021	U	0.0029	U	0.0018	U	0.0025	U	0.0026	U	0.002	U	0.0023	U	0.0025	U	0.0022	U	0.002	U	0.0027	U	0.0018	U	0.002	U	0.0019	U	0.0022	U	0.0025	U
1,2-Dibromo-3-chloropropane			mg/kg	0.0026	U	0.0029	U	0.0032	U	0.0043	U	0.0026	U	0.0037	U	0.0038	U	0.003	U	0.0034	U	0.0038	U	0.0033	U	0.0031	U	0.0041	U	0.0027	U	0.003	U	0.0028	U	0.0033	U	0.0038	U
1,2-Dibromoethane			mg/kg	0.00088	U	0.00095	U	0.001	U	0.0014	U	0.00088	U	0.0012	U	0.0013	U	0.00098	U	0.0011	U	0.0012	U	0.0011	U	0.001	U	0.0014	U	0.00091	U	0.001	U	0.00095	U	0.0011	U	0.0012	U
1,2-Dichlorobenzene	100	1.1	mg/kg	0.0018	U	0.0019	U	0.0021	U	0.0029	U	0.0018	U	0.0025	U	0.0026	U	0.002	U	0.0023	U	0.0025	U	0.0022	U	0.002	U	0.0027	U	0.0018	U	0.002	U	0.0019	U	0.0022	U	0.0025	U
1,2-Dichloroethane	3.1	0.02	mg/kg	0.00088	U	0.00095	U	0.001	U	0.0014	U	0.00088	U	0.0012	U	0.0013	U	0.00098	U	0.0011	U	0.0012	U	0.0011	U	0.001	U	0.0014	U	0.00091	U	0.001	U	0.00095	U	0.0011	U	0.0012	U
1,2-Dichloroethane, Total			mg/kg	0.00088	U	0.00095	U	0.001	U	0.0014	U	0.00088	U	0.0012	U	0.0013	U	0.00098	U	0.0011	U	0.0012	U	0.0011	U	0.001	U	0.0014	U	0.00091	U	0.001	U	0.00095	U	0.0011	U	0.0012	U
1,2-Dichloropropane			mg/kg	0.00088	U	0.00095	U	0.001	U	0.0014	U	0.00088	U	0.0012	U	0.0013	U	0.00098	U	0.0011	U	0.0012	U	0.0011	U	0.001	U	0.0014	U	0.00091	U	0.001	U	0.00095	U	0.0011	U	0.0012	U
1,3,5-Trimethylbenzene	52	8.4	mg/kg	0.0018	U	0.0019	U	0.0021	U	0.0029	U	0.0018	U	0.0025	U	0.0026	U	0.002	U	0.0023	U	0.0025	U	0.0022	U	0.002	U	0.0027	U	0.0018	U	0.002	U	0.0019	U	0.0022	U	0.0025	U
1,3-Dichlorobenzene	49	2.4	mg/kg	0.0018	U	0.0019	U	0.0021	U	0.0029	U	0.0018	U	0.0025	U	0.0026	U	0.002	U	0.0023	U	0.0025	U	0.0022	U	0.002	U	0.0027	U	0.0018	U	0.002	U	0.0019	U	0.0022	U	0.0025	U
1,3-Dichloropropane			mg/kg	0.0018	U	0.0019	U	0.0021	U	0.0029	U	0.0018	U	0.0025	U	0.0026	U	0.002	U	0.0023	U	0.0025	U	0.0022	U	0.002	U	0.0027	U	0.0018	U	0.002	U	0.0019	U	0.0022	U	0.0025	U
1,3-Dichloropropene, Total			mg/kg	0.00044	U	0.00048	U	0.00053	U	0.00072	U	0.00044	U	0.00062	U	0.00064	U	0.00049	U	0.00057	U	0.00063	U	0.00056	U	0.00051	U	0.00068	U	0.00045	U	0.00051	U	0.00048	U	0.00054	U	0.00063	U
1,4-Dichlorobenzene	13	1.8	mg/kg	0.0018	U	0.0019	U	0.0021	U	0.0029	U	0.0018	U	0.0025	U	0.0026	U	0.002	U	0.0023	U	0.0025	U	0.0022	U	0.002	U	0.0027	U	0.0018	U	0.002	U	0.0019	U	0.0022	U	0.0025	U
1,4-Dioxane	13	0.1	mg/kg	0.07	U	0.076	U	0.084	U	0.11	U	0.07	U	0.099	U	0.1	U	0.079	U	0.091	U	0.1	U	0.089	U	0.082	U	0.11	U	0.072	U	0.081	U	0.076	U	0.087	U	0.1	U
2,2-Dichloropropane			mg/kg	0.0018	U	0.0019	U	0.0021	U	0.0029	U	0.0018	U	0.0025	U	0.0026	U	0.002	U	0.0023	U	0.0025	U	0.0022	U	0.002	U	0.0027	U	0.0018	U	0.002	U	0.0019	U	0.0022	U	0.0025	U
2-Butanone	100	0.12	mg/kg	0.0088	U	0.0095	U	0.01	U	0.014	U	0.0088	U	0.012	U	0.013	U	0.0098	U	0.011	U	0.015	U	0.01	U	0.01	U	0.014	U	0.0091	U	0.01	U	0.0095	U	0.011	U	0.012	U
2-Hexanone			mg/kg	0.0088	U	0.0095	U	0.01	U	0.014	U	0.0088	U	0.012	U	0.013	U	0.0098	U	0.011	U	0.015	U	0.01	U	0.01	U	0.014	U	0.0091	U	0.01	U	0.0095	U	0.011	U	0.012	U
4-Methyl-2-pentanone			mg/kg	0.0088	U	0.0095	U	0.01	U	0.014	U	0.0088	U	0.012	U	0.013	U	0.0098	U	0.011	U	0.015	U	0.01	U	0.01	U												

Table 4A. Remedial Investigation - Volatile Organic Compound Analytical Results in Soil
River North Site
178, 194 Richmond Terrace 8 Stuyvesant Place, Staten Island, NY
BCP Site C243045

LOCATION	SB-48 (0-2')		SB-49 (0-2')		SB-49 (2-4')		SB-50 (0-2')		SB-50 (2-4')		SB-51 (0-2')		SB-51 (2-4')		SB-52 (0-2')		SB-52 (2-4')		SB-53 (0-2')		SB-54 (0-2')		SB-55 (0-2')		SB-56 (0-2')		DUP-1 (0-2')		DUP-2 (2-4')		DUP-3 (0-2')		DUP-4 (2-4')		DUP-5 (2-4')				
SAMPLING DATE	6/13/2022		6/7/2022		6/7/2022		6/7/2022		6/7/2022		6/7/2022		6/7/2022		6/7/2022		6/14/2022		6/14/2022		6/14/2022		6/14/2022		6/9/2022		6/9/2022		6/9/2022		6/9/2022		6/9/2022		6/9/2022				
LAB SAMPLE ID	L2231315-14		L2229886-05		L2229886-06		L2229886-07		L2229886-08		L2229886-09		L2229886-10		L2229886-11		L2229886-12		L2231549-05		L2231549-06		L2231549-07		L2231549-08		L2230668-21		L2230668-22		L2230668-23		L2230668-24		L2230668-25				
SAMPLE TYPE	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		
	NY-RESRR	NY-UNRES	Units	Results	Qual																																		
Volatile Organics by EPA 5035																																							
1,1,2-Trichloroethane			mg/kg	0.00048	U	0.0005	U	0.00054	U	0.00054	U	0.00054	U	0.00048	U	0.00062	U	0.00057	U	0.00045	U	0.00068	U	0.00061	U	0.0016	U	0.00058	U	0.00092	U	0.00048	U	0.00052	U	0.00054	U	0.00043	U
1,1,1-Trichloroethane	100	0.68	mg/kg	0.00048	U	0.0005	U	0.00054	U	0.00054	U	0.00054	U	0.00048	U	0.00062	U	0.00057	U	0.00045	U	0.00068	U	0.00061	U	0.0016	U	0.00058	U	0.00092	U	0.00048	U	0.00052	U	0.00054	U	0.00043	U
1,1,2,2-Tetrachloroethane			mg/kg	0.00048	U	0.0005	U	0.00054	U	0.00054	U	0.00054	U	0.00048	U	0.00062	U	0.00057	U	0.00045	U	0.00068	U	0.00061	U	0.0016	U	0.00058	U	0.00092	U	0.00048	U	0.00052	U	0.00054	U	0.00043	U
1,1,2-Trichloroethane			mg/kg	0.00096	U	0.001	U	0.0011	U	0.0011	U	0.0011	U	0.00096	U	0.0012	U	0.0011	U	0.00089	U	0.0014	U	0.0012	U	0.0031	U	0.0012	U	0.0018	U	0.00096	U	0.001	U	0.0011	U	0.00086	U
1,1-Dichloroethane	26	0.27	mg/kg	0.00096	U	0.001	U	0.0011	U	0.0011	U	0.0011	U	0.00096	U	0.0012	U	0.0011	U	0.00089	U	0.0014	U	0.0012	U	0.0031	U	0.0012	U	0.0018	U	0.00096	U	0.001	U	0.0011	U	0.00086	U
1,1-Dichloroethane	100	0.33	mg/kg	0.00096	U	0.001	U	0.0011	U	0.0011	U	0.0011	U	0.00096	U	0.0012	U	0.0011	U	0.00089	U	0.0014	U	0.0012	U	0.0031	U	0.0012	U	0.0018	U	0.00096	U	0.001	U	0.0011	U	0.00086	U
1,1-Dichloropropene			mg/kg	0.00048	U	0.0005	U	0.00054	U	0.00054	U	0.00054	U	0.00048	U	0.00062	U	0.00057	U	0.00045	U	0.00068	U	0.00061	U	0.0016	U	0.00058	U	0.00092	U	0.00048	U	0.00052	U	0.00054	U	0.00043	U
1,2,3-Trichlorobenzene			mg/kg	0.0019	U	0.002	U	0.0022	U	0.0022	U	0.0022	U	0.0019	U	0.0025	U	0.0023	U	0.0018	U	0.0027	U	0.0024	U	0.0063	U	0.0023	U	0.0037	U	0.0019	U	0.0021	U	0.0022	U	0.0017	U
1,2,3-Trichloropropene			mg/kg	0.0019	U	0.002	U	0.0022	U	0.0022	U	0.0022	U	0.0019	U	0.0025	U	0.0023	U	0.0018	U	0.0027	U	0.0024	U	0.0063	U	0.0023	U	0.0037	U	0.0019	U	0.0021	U	0.0022	U	0.0017	U
1,2,4,5-Tetramethylbenzene			mg/kg	0.0019	U	0.002	U	0.0022	U	0.0022	U	0.0022	U	0.0019	U	0.0025	U	0.0023	U	0.0018	U	0.0027	U	0.0024	U	0.0063	U	0.0023	U	0.0037	U	0.0019	U	0.0021	U	0.0022	U	0.0017	U
1,2,4-Trichlorobenzene			mg/kg	0.0019	U	0.002	U	0.0022	U	0.0022	U	0.0022	U	0.0019	U	0.0025	U	0.0023	U	0.0018	U	0.0027	U	0.0024	U	0.0063	U	0.0023	U	0.0037	U	0.0019	U	0.0021	U	0.0022	U	0.0017	U
1,2,4-Trimethylbenzene	52	3.6	mg/kg	0.0019	U	0.002	U	0.0022	U	0.0022	U	0.0022	U	0.0019	U	0.0025	U	0.0023	U	0.0018	U	0.0027	U	0.0024	U	0.0063	U	0.0023	U	0.0037	U	0.0019	U	0.0021	U	0.0022	U	0.0017	U
1,2-Dibromo-3-chloropropane			mg/kg	0.0029	U	0.003	U	0.0032	U	0.0033	U	0.0033	U	0.0029	U	0.0037	U	0.0034	U	0.0027	U	0.004	U	0.0036	U	0.0094	U	0.0034	U	0.0055	U	0.0029	U	0.0031	U	0.0032	U	0.0026	U
1,2-Dibromoethane			mg/kg	0.00096	U	0.001	U	0.0011	U	0.0011	U	0.0011	U	0.00096	U	0.0012	U	0.0011	U	0.00089	U	0.0014	U	0.0012	U	0.0031	U	0.0012	U	0.0018	U	0.00096	U	0.001	U	0.0011	U	0.00086	U
1,2-Dichlorobenzene	100	1.1	mg/kg	0.0019	U	0.002	U	0.0022	U	0.0022	U	0.0022	U	0.0019	U	0.0025	U	0.0023	U	0.0018	U	0.0027	U	0.0024	U	0.0063	U	0.0023	U	0.0037	U	0.0019	U	0.0021	U	0.0022	U	0.0017	U
1,2-Dichloroethane	3.1	0.02	mg/kg	0.00096	U	0.001	U	0.0011	U	0.0011	U	0.0011	U	0.00096	U	0.0012	U	0.0011	U	0.00089	U	0.0014	U	0.0012	U	0.0031	U	0.0012	U	0.0018	U	0.00096	U	0.001	U	0.0011	U	0.00086	U
1,2-Dichloroethane, Total			mg/kg	0.00096	U	0.001	U	0.0011	U	0.0011	U	0.0011	U	0.00096	U	0.0012	U	0.0011	U	0.00089	U	0.0014	U	0.0012	U	0.0031	U	0.0012	U	0.0018	U	0.00096	U	0.001	U	0.0011	U	0.00086	U
1,2-Dichloropropene			mg/kg	0.00096	U	0.001	U	0.0011	U	0.0011	U	0.0011	U	0.00096	U	0.0012	U	0.0011	U	0.00089	U	0.0014	U	0.0012	U	0.0031	U	0.0012	U	0.0018	U	0.00096	U	0.001	U	0.0011	U	0.00086	U
1,3,5-Trimethylbenzene	52	8.4	mg/kg	0.0019	U	0.002	U	0.0022	U	0.0022	U	0.0022	U	0.0019	U	0.0025	U	0.0023	U	0.0018	U	0.0027	U	0.0024	U	0.0063	U	0.0023	U	0.0037	U	0.0019	U	0.0021	U	0.0022	U	0.0017	U
1,3-Dichlorobenzene	49	2.4	mg/kg	0.0019	U	0.002	U	0.0022	U	0.0022	U	0.0022	U	0.0019	U	0.0025	U	0.0023	U	0.0018	U	0.0027	U	0.0024	U	0.0063	U	0.0023	U	0.0037	U	0.0019	U	0.0021	U	0.0022	U	0.0017	U
1,3-Dichloropropene			mg/kg	0.0019	U	0.002	U	0.0022	U	0.0022	U	0.0022	U	0.0019	U	0.0025	U	0.0023	U	0.0018	U	0.0027	U	0.0024	U	0.0063	U	0.0023	U	0.0037	U	0.0019	U	0.0021	U	0.0022	U	0.0017	U
1,3-Dichloropropene, Total			mg/kg	0.00048	U	0.0005	U	0.00054	U	0.00054	U	0.00054	U	0.00048	U	0.00062	U	0.00057	U	0.00045	U	0.00068	U	0.00061	U	0.0016	U	0.00058	U	0.00092	U	0.00048	U	0.00052	U	0.00054	U	0.00043	U
1,4-Dichlorobenzene	13	1.8	mg/kg	0.0019	U	0.002	U	0.0022	U	0.0022	U	0.0022	U	0.0019	U	0.0025	U	0.0023	U	0.0018	U	0.0027	U	0.0024	U	0.0063	U	0.0023	U	0.0037	U	0.0019	U	0.0021	U	0.0022	U	0.0017	U
1,4-Dioxane	13	0.1	mg/kg	0.076	U	0.08	U	0.086	U	0.087	U	0.087	U	0.077	U	0.099	U	0.09	U	0.071	U	0.11	U	0.097	U	0.25	U	0.092	U	0.15	U	0.077	U	0.082	U	0.086	U	0.069	U
2,2-Dichloropropene			mg/kg	0.0019	U	0.002	U	0.0022	U	0.0022	U	0.0022	U	0.0019	U	0.0025	U	0.0023	U	0.0018	U	0.0027	U	0.0024	U	0.0063	U	0.0023	U	0.0037	U	0.0019	U	0.0021	U	0.0022	U	0.0017	U
2-Butanone	100	0.12	mg/kg	0.0096	U	0.01	U	0.011	U	0.011	U	0.011	U	0.0096	U	0.012	U	0.011	U	0.0089	U	0.014	U	0.012	U	0.031	U	0.012	U	0.018	U	0.0096	U	0.01	U	0.011	U	0.0086	U
2-Hexanone			mg/kg	0.0096	U	0.01	U	0.011	U	0.011	U	0.011	U	0.0096	U	0.012	U	0.011	U	0.0089	U	0.014	U	0.012	U	0.031	U	0.012	U	0.018	U	0.0096	U	0.01	U	0.011	U	0.0086	U
4-Methyl-2-pentanone			mg/kg	0.0096	U	0.01	U	0.011	U	0.011	U	0.011	U	0.0096	U	0.012	U	0.011	U	0.0089	U	0.014	U	0.012	U	0.031													

Table 4B. Remedial Investigation - Semi-Volatile Organic Compound Analytical Results in Soil
 River North Site
 178, 194 Richmond Terrace & Stuyvesant Place, Staten Island, NY
 BCP Site C243045

LOCATION	SB-2(2-4')		SB-2(4-6')		SB-6 (2-4')		SB-6 (4-6')		SB-8(2-4')		SB-8(4-6')		SB-10(2-4')		SB-10(4-6')		SB-13 (13-15')		SB-13 (15-17')		SB-14 (2-4')		SB-14 (4-6')		SB-18(3-5')		SB-18(11-13')		SB-19(1-3')		SB-19(3-5')		SB-20(8-10')		SB-20(13-15')		SB-21(8-10')				
	SAMPLING DATE	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/13/2022			
LAB SAMPLE ID	L2231315-12		L2231315-13		L2231077-01		L2231077-02		L2231315-16		L2231315-17		L2231315-10		L2231315-11		L2230668-01		L2230668-02		L2231077-03		L2231077-04		L2231315-19		L2231315-18		L2231315-06		L2231315-07		L2231315-04		L2231315-05		L2231315-02				
SAMPLE TYPE	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		
	NY-RESRR	NY-UNRES	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual														
Semivolatile Organics by GC/MS																																									
1,2,4,5-Tetrachlorobenzene			mg/kg	0.19	U	0.2	U	0.2	U	0.2	U	0.2	U	0.19	U	0.19	U	0.2	U	0.18	U	0.18	U	0.18	U	0.18	U	0.19	U	0.2	U	0.19	U	0.19	U	0.19	U	0.18	U	0.19	U
1,2-Trichlorobenzene			mg/kg	0.19	U	0.2	U	0.2	U	0.2	U	0.2	U	0.19	U	0.19	U	0.2	U	0.18	U	0.18	U	0.18	U	0.18	U	0.19	U	0.2	U	0.19	U	0.19	U	0.19	U	0.18	U	0.19	U
1,2-Dichlorobenzene	100	1.1	mg/kg	0.19	U	0.2	U	0.2	U	0.2	U	0.2	U	0.19	U	0.19	U	0.2	U	0.18	U	0.18	U	0.18	U	0.18	U	0.19	U	0.2	U	0.19	U	0.19	U	0.19	U	0.18	U	0.19	U
1,3-Dichlorobenzene	49	2.4	mg/kg	0.19	U	0.2	U	0.2	U	0.2	U	0.2	U	0.19	U	0.19	U	0.2	U	0.18	U	0.18	U	0.18	U	0.18	U	0.19	U	0.2	U	0.19	U	0.19	U	0.18	U	0.19	U	0.19	U
1,4-Dichlorobenzene	13	1.8	mg/kg	0.19	U	0.2	U	0.2	U	0.2	U	0.2	U	0.19	U	0.19	U	0.2	U	0.18	U	0.18	U	0.18	U	0.18	U	0.19	U	0.2	U	0.19	U	0.19	U	0.18	U	0.19	U	0.19	U
1,4-Dioxane	13	0.1	mg/kg	0.028	U	0.03	U	0.03	U	0.03	U	0.031	U	0.029	U	0.029	U	0.03	U	0.027	U	0.027	U	0.028	U	0.028	U	0.028	U	0.029	U	0.029	U	0.029	U	0.027	U	0.028	U	0.028	U
2,4,5-Trichlorophenol			mg/kg	0.19	U	0.2	U	0.2	U	0.2	U	0.2	U	0.19	U	0.19	U	0.2	U	0.18	U	0.18	U	0.18	U	0.18	U	0.19	U	0.2	U	0.19	U	0.19	U	0.19	U	0.18	U	0.19	U
2,4,6-Trichlorophenol			mg/kg	0.11	U	0.12	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.12	U	0.12	U	0.11	U	0.11	U	0.11	U	0.11	U										
2,4-Dichlorophenol			mg/kg	0.17	U	0.18	U	0.18	U	0.18	U	0.18	U	0.17	U	0.18	U	0.16	U	0.16	U	0.17	U	0.17	U	0.16	U	0.17	U	0.18	U	0.18	U	0.17	U	0.17	U	0.16	U	0.17	U
2,4-Dimethylphenol			mg/kg	0.19	U	0.2	U	0.2	U	0.2	U	0.2	U	0.19	U	0.19	U	0.2	U	0.18	U	0.18	U	0.18	U	0.18	U	0.19	U	0.2	U	0.19	U	0.19	U	0.19	U	0.18	U	0.19	U
2,4-Dinitrophenol			mg/kg	0.9	U	0.95	U	0.95	U	0.96	U	0.98	U	0.94	U	0.93	U	0.97	U	0.88	U	0.86	U	0.89	U	0.88	U	0.91	U	0.94	U	0.94	U	0.92	U	0.87	U	0.9	U	0.9	U
2,4-Dinitrotoluene			mg/kg	0.19	U	0.2	U	0.2	U	0.2	U	0.2	U	0.19	U	0.19	U	0.2	U	0.18	U	0.18	U	0.18	U	0.18	U	0.19	U	0.2	U	0.19	U	0.19	U	0.18	U	0.19	U	0.19	U
2,6-Dinitrotoluene			mg/kg	0.19	U	0.2	U	0.2	U	0.2	U	0.2	U	0.19	U	0.19	U	0.2	U	0.18	U	0.18	U	0.18	U	0.18	U	0.19	U	0.2	U	0.19	U	0.19	U	0.18	U	0.19	U	0.19	U
2-Chloronaphthalene			mg/kg	0.19	U	0.2	U	0.2	U	0.2	U	0.2	U	0.19	U	0.19	U	0.2	U	0.18	U	0.18	U	0.18	U	0.18	U	0.19	U	0.2	U	0.19	U	0.19	U	0.18	U	0.19	U	0.19	U
2-Chlorophenol			mg/kg	0.19	U	0.2	U	0.2	U	0.2	U	0.2	U	0.19	U	0.19	U	0.2	U	0.18	U	0.18	U	0.18	U	0.18	U	0.19	U	0.2	U	0.19	U	0.19	U	0.18	U	0.19	U	0.19	U
2-Methylnaphthalene			mg/kg	0.23	U	0.24	U	0.24	U	0.24	U	0.24	U	0.23	U	0.23	U	0.24	U	0.22	U	0.21	U	0.22	U	0.22	U	0.23	U	0.23	U	0.23	U	0.23	U	0.22	U	0.22	U	0.22	U
2-Methylphenol	100	0.33	mg/kg	0.19	U	0.2	U	0.2	U	0.2	U	0.2	U	0.19	U	0.19	U	0.2	U	0.18	U	0.18	U	0.18	U	0.18	U	0.19	U	0.2	U	0.19	U	0.19	U	0.18	U	0.19	U	0.19	U
2-Nitroaniline			mg/kg	0.19	U	0.2	U	0.2	U	0.2	U	0.2	U	0.19	U	0.19	U	0.2	U	0.18	U	0.18	U	0.18	U	0.18	U	0.19	U	0.2	U	0.19	U	0.19	U	0.18	U	0.19	U	0.19	U
2-Nitrophenol			mg/kg	0.41	U	0.43	U	0.42	U	0.43	U	0.44	U	0.42	U	0.42	U	0.44	U	0.39	U	0.38	U	0.4	U	0.4	U	0.4	U	0.42	U	0.42	U	0.41	U	0.39	U	0.4	U	0.4	U
3,3'-Dichlorobenzidine			mg/kg	0.19	U	0.2	U	0.2	U	0.2	U	0.2	U	0.19	U	0.19	U	0.2	U	0.18	U	0.18	U	0.18	U	0.18	U	0.19	U	0.2	U	0.19	U	0.19	U	0.18	U	0.19	U	0.19	U
3-Methylphenol/4-Methylphenol	100	0.33	mg/kg	0.27	U	0.28	U	0.28	U	0.29	U	0.29	U	0.28	U	0.28	U	0.29	U	0.26	U	0.26	U	0.27	U	0.26	U	0.27	U	0.28	U	0.28	U	0.28	U	0.26	U	0.27	U	0.27	U
3-Nitroaniline			mg/kg	0.19	U	0.2	U	0.2	U	0.2	U	0.2	U	0.19	U	0.19	U	0.2	U	0.18	U	0.18	U	0.18	U	0.18	U	0.19	U	0.2	U	0.19	U	0.19	U	0.18	U	0.19	U	0.19	U
4,6-Dinitro-o-cresol			mg/kg	0.49	U	0.51	U	0.51	U	0.52	U	0.53	U	0.51	U	0.5	U	0.53	U	0.47	U	0.46	U	0.48	U	0.48	U	0.5	U	0.51	U	0.51	U	0.5	U	0.47	U	0.49	U	0.49	U
4-Bromophenyl phenyl ether			mg/kg	0.19	U	0.2	U	0.2	U	0.2	U	0.2	U	0.19	U	0.19	U	0.2	U	0.18	U	0.18	U	0.18	U	0.18	U	0.19	U	0.2	U	0.19	U	0.19	U	0.18	U	0.19	U	0.19	U
4-Chloroaniline			mg/kg	0.19	U	0.2	U	0.2	U	0.2	U	0.2	U	0.19	U	0.19	U	0.2	U	0.18	U	0.18	U	0.18	U	0.18	U	0.19	U	0.2	U	0.19	U	0.19	U	0.18	U	0.19	U	0.19	U
4-Chlorophenyl phenyl ether			mg/kg	0.19	U	0.2	U	0.2	U	0.2	U	0.2	U	0.19	U	0.19	U	0.2	U	0.18	U	0.18	U	0.18	U	0.18	U	0.19	U	0.2	U	0.19	U	0.19	U	0.18	U	0.19	U	0.19	U
4-Nitroaniline			mg/kg	0.19	U	0.2	U	0.2	U	0.2	U	0.2	U	0.19	U	0.19	U	0.2	U	0.18	U	0.18	U	0.18	U	0.18	U	0.19	U	0.2	U	0.19	U	0.19	U	0.18	U	0.19	U	0.19	U
4-Nitrophenol			mg/kg	0.26	U	0.28	U	0.28	U	0.28	U	0.29	U	0.27	U	0.27	U	0.28	U	0.26	U	0.25	U	0.26	U	0.26	U	0.27	U	0.27	U	0.27	U	0.27	U	0.25	U	0.26	U	0.26	U
Acenaphthene	100	20	mg/kg	0.15	U	0.16	U	0.14	U	0.14	U	0.15	U	0.15	U	0.15	U	0.16	U	0.16	U	0.15	U																		

Table 4B. Remedial Investigation - Semi-Volatile Organic Compound Analytical Results in Soil
 River North Site
 178, 194 Richmond Terrace 8 Stuyvesant Place, Staten Island, NY
 BCP Site C243045

LOCATION	SB-21(13-15')		SB-22(8-10')		SB-22(10-12')		SB-23(8-10')		SB-23(12-14')		SB-24(8-10')		SB-24(15-17')		SB-25(8-10')		SB-25(13-15')		SB-26(5-7')		SB-26(8-10')		SB-27(3-5')		SB-27(6-8')		SB-28(8-10')		SB-28(10-12')		SB-29(2-4')		SB-29(13-15')		SB-30(2-4')		SB-30(16-18')		
SAMPLING DATE	6/13/2022		6/13/2022		6/13/2022		6/10/2022		6/10/2022		6/10/2022		6/10/2022		6/10/2022		6/10/2022		6/10/2022		6/10/2022		6/10/2022		6/10/2022		6/10/2022		6/9/2022		6/9/2022		6/9/2022		6/9/2022				
LAB SAMPLE ID	L2231315-03		L2231315-08		L2231315-09		L2231077-05		L2231077-06		L2231077-07		L2231077-08		L2231077-09		L2231077-10		L2231077-11		L2231077-12		L2231077-13		L2231077-14		L2231077-15		L2231077-16		L2230668-03		L2230668-04		L2230668-05		L2230668-06		
SAMPLE TYPE	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		
	NY-RESRR	NY-UNRES	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual		
Semivolatile Organics by GC/MS																																							
1,2,4,5-Tetrachlorobenzene			mg/kg	0.18	U	0.2	U	0.18	U	0.18	U	0.18	U	0.18	U	0.19	U	0.21	U	0.19	U	0.18	U	0.19	U	0.24	U	0.18	U	0.18	U	0.19	U	0.22	U	0.19	U	0.2	U
1,2-Trichlorobenzene			mg/kg	0.18	U	0.2	U	0.18	U	0.18	U	0.18	U	0.18	U	0.19	U	0.21	U	0.19	U	0.18	U	0.19	U	0.24	U	0.18	U	0.18	U	0.19	U	0.22	U	0.19	U	0.2	U
1,2-Dichlorobenzene	100	1.1	mg/kg	0.18	U	0.2	U	0.18	U	0.18	U	0.18	U	0.18	U	0.19	U	0.21	U	0.19	U	0.18	U	0.19	U	0.24	U	0.18	U	0.18	U	0.19	U	0.22	U	0.19	U	0.2	U
1,3-Dichlorobenzene	49	2.4	mg/kg	0.18	U	0.2	U	0.18	U	0.18	U	0.18	U	0.18	U	0.19	U	0.21	U	0.19	U	0.18	U	0.19	U	0.24	U	0.18	U	0.18	U	0.19	U	0.22	U	0.19	U	0.2	U
1,4-Dichlorobenzene	13	1.8	mg/kg	0.18	U	0.2	U	0.18	U	0.18	U	0.18	U	0.18	U	0.19	U	0.21	U	0.19	U	0.18	U	0.19	U	0.24	U	0.18	U	0.18	U	0.19	U	0.22	U	0.19	U	0.2	U
1,4-Dioxane	13	0.1	mg/kg	0.027	U	0.03	U	0.027	U	0.028	U	0.027	U	0.03	U	0.028	U	0.032	U	0.029	U	0.027	U	0.029	U	0.036	U	0.027	U	0.027	U	0.029	U	0.034	U	0.028	U	0.03	U
2,4,5-Trichlorophenol			mg/kg	0.18	U	0.2	U	0.18	U	0.18	U	0.18	U	0.18	U	0.19	U	0.21	U	0.19	U	0.18	U	0.19	U	0.24	U	0.18	U	0.18	U	0.19	U	0.22	U	0.19	U	0.2	U
2,4,6-Trichlorophenol			mg/kg	0.11	U	0.12	U	0.11	U	0.11	U	0.11	U	0.11	U	0.13	U	0.11	U	0.11	U	0.11	U	0.11	U	0.14	U	0.11	U	0.11	U	0.12	U	0.13	U	0.11	U	0.12	U
2,4-Dichlorophenol			mg/kg	0.16	U	0.18	U	0.16	U	0.17	U	0.16	U	0.16	U	0.19	U	0.17	U	0.17	U	0.16	U	0.17	U	0.22	U	0.16	U	0.16	U	0.16	U	0.17	U	0.17	U	0.18	U
2,4-Dimethylphenol			mg/kg	0.18	U	0.2	U	0.18	U	0.18	U	0.18	U	0.18	U	0.19	U	0.21	U	0.19	U	0.18	U	0.19	U	0.24	U	0.18	U	0.18	U	0.19	U	0.22	U	0.19	U	0.2	U
2,4-Dinitrophenol			mg/kg	0.88	U	0.96	U	0.86	U	0.89	U	0.88	U	0.96	U	0.88	U	0.9	U	0.92	U	0.85	U	0.92	U	1.1	U	0.87	U	0.87	U	0.93	U	1.1	U	0.91	U	0.95	U
2,4-Dinitrotoluene			mg/kg	0.18	U	0.2	U	0.18	U	0.18	U	0.18	U	0.18	U	0.19	U	0.21	U	0.19	U	0.18	U	0.19	U	0.24	U	0.18	U	0.18	U	0.19	U	0.22	U	0.19	U	0.2	U
2,6-Dinitrotoluene			mg/kg	0.18	U	0.2	U	0.18	U	0.18	U	0.18	U	0.18	U	0.19	U	0.21	U	0.19	U	0.18	U	0.19	U	0.24	U	0.18	U	0.18	U	0.19	U	0.22	U	0.19	U	0.2	U
2-Chloronaphthalene			mg/kg	0.18	U	0.2	U	0.18	U	0.18	U	0.18	U	0.18	U	0.19	U	0.21	U	0.19	U	0.18	U	0.19	U	0.24	U	0.18	U	0.18	U	0.19	U	0.22	U	0.19	U	0.2	U
2-Chlorophenol			mg/kg	0.18	U	0.2	U	0.18	U	0.18	U	0.18	U	0.18	U	0.19	U	0.21	U	0.19	U	0.18	U	0.19	U	0.24	U	0.18	U	0.18	U	0.19	U	0.22	U	0.19	U	0.2	U
2-Methylnaphthalene			mg/kg	0.22	U	0.24	U	0.21	U	0.22	U	0.22	U	0.24	U	0.22	U	0.25	U	0.23	U	0.21	U	0.23	U	0.29	U	0.22	U	0.22	U	0.23	U	0.27	U	0.23	U	0.24	U
2-Methylphenol	100	0.33	mg/kg	0.18	U	0.2	U	0.18	U	0.18	U	0.18	U	0.18	U	0.19	U	0.21	U	0.19	U	0.18	U	0.19	U	0.24	U	0.18	U	0.18	U	0.19	U	0.22	U	0.19	U	0.2	U
2-Nitroaniline			mg/kg	0.18	U	0.2	U	0.18	U	0.18	U	0.18	U	0.18	U	0.19	U	0.21	U	0.19	U	0.18	U	0.19	U	0.24	U	0.18	U	0.18	U	0.19	U	0.22	U	0.19	U	0.2	U
2-Nitrophenol			mg/kg	0.39	U	0.43	U	0.38	U	0.4	U	0.4	U	0.43	U	0.4	U	0.41	U	0.46	U	0.41	U	0.38	U	0.41	U	0.39	U	0.39	U	0.42	U	0.48	U	0.41	U	0.43	U
3,3'-Dichlorobenzidine			mg/kg	0.18	U	0.2	U	0.18	U	0.18	U	0.18	U	0.18	U	0.19	U	0.21	U	0.19	U	0.18	U	0.19	U	0.24	U	0.18	U	0.18	U	0.19	U	0.22	U	0.19	U	0.2	U
3-Methylphenol/4-Methylphenol	100	0.33	mg/kg	0.26	U	0.29	U	0.26	U	0.26	U	0.26	U	0.29	U	0.26	U	0.27	U	0.3	U	0.28	U	0.26	U	0.34	U	0.26	U	0.26	U	0.28	U	0.32	U	0.27	U	0.28	U
3-Nitroaniline			mg/kg	0.18	U	0.2	U	0.18	U	0.18	U	0.18	U	0.18	U	0.19	U	0.21	U	0.19	U	0.18	U	0.19	U	0.24	U	0.18	U	0.18	U	0.19	U	0.22	U	0.19	U	0.2	U
4,6-Dinitro-o-cresol			mg/kg	0.47	U	0.52	U	0.46	U	0.48	U	0.48	U	0.52	U	0.48	U	0.49	U	0.55	U	0.5	U	0.46	U	0.62	U	0.47	U	0.47	U	0.5	U	0.58	U	0.49	U	0.51	U
4-Bromophenyl phenyl ether			mg/kg	0.18	U	0.2	U	0.18	U	0.18	U	0.18	U	0.2	U	0.18	U	0.19	U	0.21	U	0.19	U	0.18	U	0.24	U	0.18	U	0.18	U	0.19	U	0.22	U	0.19	U	0.2	U
4-Chloroaniline			mg/kg	0.18	U	0.2	U	0.18	U	0.18	U	0.18	U	0.18	U	0.19	U	0.21	U	0.19	U	0.18	U	0.19	U	0.24	U	0.18	U	0.18	U	0.19	U	0.22	U	0.19	U	0.2	U
4-Chlorophenyl phenyl ether			mg/kg	0.18	U	0.2	U	0.18	U	0.18	U	0.18	U	0.2	U	0.18	U	0.19	U	0.21	U	0.19	U	0.18	U	0.24	U	0.18	U	0.18	U	0.19	U	0.22	U	0.19	U	0.2	U
4-Nitroaniline			mg/kg	0.18	U	0.2	U	0.18	U	0.18	U	0.18	U	0.18	U	0.19	U	0.21	U	0.19	U	0.18	U	0.19	U	0.24	U	0.18	U	0.18	U	0.19	U	0.22	U	0.19	U	0.2	U
4-Nitrophenol			mg/kg	0.26	U	0.28	U	0.25	U	0.26	U	0.26	U	0.28	U	0.26	U	0.3	U	0.27	U	0.25	U	0.27	U	0.33	U	0.25	U	0.25	U	0.27	U	0.31	U	0.26	U	0.28	U
Acenaphthene	100	20	mg/kg	0.14	U	0.16	U	0.14	U	0.15	U	0.15	U	0.16	U	0.15	U	0.17	U	0.15	U	0.14	U	0.15	U	0.19	U	0.14	U	0.14	U	0.16	U	0.18	U	0.15	U	0.16	U
Acenaphthylene	100	100	mg/kg	0.14	U	0.16	U	0.14	U	0.15	U	0.15	U	0.16	U	0.15	U	0.17	U	0.15	U	0.14	U	0.15	U	0.19	U	0.14	U	0.14	U	0.16	U	0.18	U	0.15	U	0.16	U
Acetophenone			mg/kg	0.18	U	0.2	U	0.18	U	0.18	U	0.18	U	0.2	U	0.18	U	0.19	U	0.21	U	0.19	U	0.18	U	0.24	U	0.											

Table 4B. Remedial Investigation - Semi-Volatile Organic Compound Analytical Results in Soil
 River North Site
 178, 194 Richmond Terrace 8 Stuyvesant Place, Staten Island, NY
 BCP Site C243045

LOCATION	SB-31 (2-4')		SB-31 (11-13')		SB-32 (6-8')		SB-32 (8-10')		SB-33 (2-4')		SB-33 (16-18')		SB-34 (0-2')		SB-34 (10-12')		SB-35 (0-2')		SB-35 (8-10')		SB-36 (0-2')		SB-36 (3-5')		SB-37 (2-4')		SB-37 (7-9')		SB-38 (6-8')		SB-38 (8-10')		SB-39 (3-5')		SB-39 (5-7')		SB-40(0-2')		
SAMPLING DATE	6/9/2022		6/9/2022		6/9/2022		6/9/2022		6/9/2022		6/9/2022		6/9/2022		6/9/2022		6/9/2022		6/9/2022		6/9/2022		6/9/2022		6/14/2022		6/14/2022		6/14/2022		6/14/2022		6/13/2022		6/13/2022				
LAB SAMPLE ID	L2230668-07		L2230668-08		L2230668-09		L2230668-10		L2230668-11		L2230668-12		L2230668-13		L2230668-14		L2230668-29		L2230668-30		L2230668-31		L2230668-32		L2231549-01		L2231549-02		L2230668-33		L2230668-34		L2231549-03		L2231549-04		L2231315-15		
SAMPLE TYPE	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		
	NY-RESRR	NY-UNRES	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual		
Semivolatile Organics by GC/MS																																							
1,2,4,5-Tetrachlorobenzene			mg/kg	0.19	U	0.18	U	0.19	U	0.19	U	0.19	U	0.2	U	0.19	U	0.19	U	0.18	U	0.19	U	0.2	U	0.2	U	0.2	U	0.19	U	0.19	U	0.2	U	0.19	U	0.21	U
1,2-Trichlorobenzene			mg/kg	0.19	U	0.18	U	0.19	U	0.19	U	0.19	U	0.2	U	0.19	U	0.19	U	0.18	U	0.19	U	0.2	U	0.2	U	0.2	U	0.19	U	0.19	U	0.2	U	0.19	U	0.21	U
1,2-Dichlorobenzene	100	1.1	mg/kg	0.19	U	0.18	U	0.19	U	0.19	U	0.19	U	0.2	U	0.19	U	0.19	U	0.18	U	0.19	U	0.2	U	0.2	U	0.2	U	0.19	U	0.19	U	0.2	U	0.19	U	0.21	U
1,3-Dichlorobenzene	49	2.4	mg/kg	0.19	U	0.18	U	0.19	U	0.19	U	0.19	U	0.2	U	0.19	U	0.19	U	0.18	U	0.19	U	0.2	U	0.2	U	0.2	U	0.19	U	0.19	U	0.2	U	0.19	U	0.21	U
1,4-Dichlorobenzene	13	1.8	mg/kg	0.19	U	0.18	U	0.19	U	0.19	U	0.19	U	0.2	U	0.19	U	0.19	U	0.18	U	0.19	U	0.2	U	0.2	U	0.2	U	0.19	U	0.19	U	0.2	U	0.19	U	0.21	U
1,4-Dioxane	13	0.1	mg/kg	0.028	U	0.026	U	0.029	U	0.028	U	0.029	U	0.03	U	0.029	U	0.029	U	0.028	U	0.028	U	0.03	U	0.03	U	0.03	U	0.028	U	0.029	U	0.03	U	0.028	U	0.032	U
2,4,5-Trichlorophenol			mg/kg	0.19	U	0.18	U	0.19	U	0.19	U	0.19	U	0.2	U	0.19	U	0.19	U	0.18	U	0.19	U	0.2	U	0.2	U	0.2	U	0.19	U	0.19	U	0.2	U	0.19	U	0.21	U
2,4,6-Trichlorophenol			mg/kg	0.11	U	0.1	U	0.12	U	0.11	U	0.12	U	0.12	U	0.11	U	0.11	U	0.11	U	0.11	U	0.12	U	0.12	U	0.12	U	0.11	U	0.12	U	0.11	U	0.12	U	0.13	U
2,4-Dichlorophenol			mg/kg	0.17	U	0.16	U	0.17	U	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U	0.16	U	0.17	U	0.18	U	0.18	U	0.18	U	0.17	U	0.18	U	0.17	U	0.18	U	0.19	U
2,4-Dimethylphenol			mg/kg	0.19	U	0.18	U	0.19	U	0.19	U	0.19	U	0.2	U	0.19	U	0.19	U	0.18	U	0.19	U	0.2	U	0.2	U	0.2	U	0.19	U	0.19	U	0.2	U	0.19	U	0.21	U
2,4-Dinitrophenol			mg/kg	0.9	U	0.84	U	0.92	U	0.91	U	0.92	U	0.95	U	0.93	U	0.94	U	0.91	U	0.91	U	0.88	U	0.91	U	0.96	U	0.94	U	0.9	U	0.92	U	0.94	U	0.9	U
2,4-Dinitrotoluene			mg/kg	0.19	U	0.18	U	0.19	U	0.19	U	0.19	U	0.2	U	0.19	U	0.19	U	0.18	U	0.19	U	0.2	U	0.2	U	0.2	U	0.19	U	0.19	U	0.2	U	0.19	U	0.21	U
2,6-Dinitrotoluene			mg/kg	0.19	U	0.18	U	0.19	U	0.19	U	0.19	U	0.2	U	0.19	U	0.19	U	0.18	U	0.19	U	0.2	U	0.2	U	0.2	U	0.19	U	0.19	U	0.2	U	0.19	U	0.21	U
2-Chloronaphthalene			mg/kg	0.19	U	0.18	U	0.19	U	0.19	U	0.19	U	0.2	U	0.19	U	0.19	U	0.18	U	0.19	U	0.2	U	0.2	U	0.2	U	0.19	U	0.19	U	0.2	U	0.19	U	0.21	U
2-Chlorophenol			mg/kg	0.19	U	0.18	U	0.19	U	0.19	U	0.19	U	0.2	U	0.19	U	0.19	U	0.18	U	0.19	U	0.2	U	0.2	U	0.2	U	0.19	U	0.19	U	0.2	U	0.19	U	0.21	U
2-Methylnaphthalene			mg/kg	0.23	U	0.21	U	0.23	U	0.23	U	0.23	U	0.24	U	0.23	U	0.23	U	0.22	U	0.23	U	0.24	U	0.24	U	0.24	U	0.22	U	0.23	U	0.24	U	0.22	U	0.26	U
2-Methylphenol	100	0.33	mg/kg	0.19	U	0.18	U	0.19	U	0.19	U	0.19	U	0.2	U	0.19	U	0.19	U	0.18	U	0.19	U	0.2	U	0.2	U	0.2	U	0.19	U	0.19	U	0.2	U	0.19	U	0.21	U
2-Nitroaniline			mg/kg	0.19	U	0.18	U	0.19	U	0.19	U	0.19	U	0.2	U	0.19	U	0.19	U	0.18	U	0.19	U	0.2	U	0.2	U	0.2	U	0.19	U	0.19	U	0.2	U	0.19	U	0.21	U
2-Nitrophenol			mg/kg	0.41	U	0.38	U	0.42	U	0.41	U	0.42	U	0.43	U	0.42	U	0.42	U	0.4	U	0.41	U	0.43	U	0.42	U	0.42	U	0.4	U	0.41	U	0.42	U	0.4	U	0.46	U
3,3'-Dichlorobenzidine			mg/kg	0.19	U	0.18	U	0.19	U	0.19	U	0.19	U	0.2	U	0.19	U	0.19	U	0.18	U	0.19	U	0.2	U	0.2	U	0.2	U	0.19	U	0.19	U	0.2	U	0.19	U	0.21	U
3-Methylphenol/4-Methylphenol	100	0.33	mg/kg	0.27	U	0.25	U	0.28	U	0.27	U	0.28	U	0.29	U	0.28	U	0.28	U	0.27	U	0.27	U	0.26	U	0.27	U	0.29	U	0.28	U	0.27	U	0.28	U	0.27	U	0.31	U
3-Nitroaniline			mg/kg	0.19	U	0.18	U	0.19	U	0.19	U	0.19	U	0.2	U	0.19	U	0.19	U	0.18	U	0.19	U	0.2	U	0.2	U	0.2	U	0.19	U	0.19	U	0.2	U	0.19	U	0.21	U
4,6-Dinitro-o-cresol			mg/kg	0.49	U	0.46	U	0.5	U	0.5	U	0.5	U	0.52	U	0.5	U	0.51	U	0.49	U	0.49	U	0.48	U	0.5	U	0.52	U	0.51	U	0.49	U	0.5	U	0.51	U	0.56	U
4-Bromophenyl phenyl ether			mg/kg	0.19	U	0.18	U	0.19	U	0.19	U	0.19	U	0.2	U	0.19	U	0.19	U	0.18	U	0.19	U	0.2	U	0.2	U	0.2	U	0.19	U	0.19	U	0.2	U	0.19	U	0.21	U
4-Chloroaniline			mg/kg	0.19	U	0.18	U	0.19	U	0.19	U	0.19	U	0.2	U	0.19	U	0.19	U	0.18	U	0.19	U	0.2	U	0.2	U	0.2	U	0.19	U	0.19	U	0.2	U	0.19	U	0.21	U
4-Chlorophenyl phenyl ether			mg/kg	0.19	U	0.18	U	0.19	U	0.19	U	0.19	U	0.2	U	0.19	U	0.19	U	0.18	U	0.19	U	0.2	U	0.2	U	0.2	U	0.19	U	0.19	U	0.2	U	0.19	U	0.21	U
4-Nitroaniline			mg/kg	0.19	U	0.18	U	0.19	U	0.19	U	0.19	U	0.2	U	0.19	U	0.19	U	0.18	U	0.19	U	0.2	U	0.2	U	0.2	U	0.19	U	0.19	U	0.2	U	0.19	U	0.21	U
4-Nitrophenol			mg/kg	0.26	U	0.25	U	0.27	U	0.27	U	0.27	U	0.28	U	0.27	U	0.27	U	0.26	U	0.26	U	0.27	U	0.28	U	0.28	U	0.26	U	0.27	U	0.28	U	0.26	U	0.3	U
Acenaphthene	100	20	mg/kg	0.027	J	0.14	U	0.15	U	0.15	U	0.16	U	0.16	U	0.16	U	0.15	U	0.15	U	0.15	U	0.16	U	0.16	U	0.16	U	0.15	U	0.16	U	0.15	U	0.16	U	0.17	U
Acenaphthylene	100	100	mg/kg	0.061	J	0.14	U	0.15	U	0.15	U	0.16	U	0.16	U	0.16	U	0.15	U	0.15	U	0.15	U	0.16	U	0.16	U	0.16	U	0.15	U	0.16	U	0.15	U	0.16	U	0.17	U
Acetophenone			mg/kg	0.19	U	0.18	U	0.19	U	0.19	U	0.19	U	0.2	U	0.19	U	0.19	U	0.18	U	0.19	U	0.2	U	0.2	U	0.2	U	0.19	U	0.19	U	0.2	U	0.19	U	0.	

Table 4B. Remedial Investigation - Semi-Volatile Organic Compound Analytical Results in Soil
 River North Site
 178, 194 Richmond Terrace 8 Stuyvesant Place, Staten Island, NY
 BCP Site C243045

LOCATION	SB-41 (0-2')	SB-41 (2-4')	SB-42 (0-2')	SB-42 (2-4')	SB-43 (0-2')	SB-43 (2-4')	SB-44 (0-2')	SB-44 (2-4')	SB-45 (0-2')	SB-45 (2-4')	SB-46 (0-2')	SB-46 (2-4')	SB-47 (0-2')	SB-47 (2-4')	SB-48(0-2')	SB-49 (0-2')	SB-49 (2-4')	SB-50 (0-2')	SB-50 (2-4')																		
SAMPLING DATE	6/7/2022	6/7/2022	6/7/2022	6/7/2022	6/10/2022	6/10/2022	6/9/2022	6/9/2022	6/9/2022	6/9/2022	6/10/2022	6/9/2022	6/10/2022	6/9/2022	6/13/2022	6/7/2022	6/7/2022	6/7/2022	6/7/2022																		
LAB SAMPLE ID	L2229886-01	L2229886-02	L2229886-03	L2229886-04	L2231077-17	L2231077-18	L2230668-15	L2230668-16	L2230668-17	L2230668-18	L2230668-19	L2230668-20	L2231077-19	L2231077-20	L2231315-14	L2229886-05	L2229886-06	L2229886-07	L2229886-08																		
SAMPLE TYPE	SOIL		SOIL		SOIL		SOIL																														
	NY-RESRR	NY-UNRES	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual												
Semivolatile Organics by GC/MS																																					
1,2,4,5-Tetrachlorobenzene			mg/kg	0.2	U	0.19	U	0.2	U	0.19	U	0.2	U	0.2	U	0.19	U	0.2	U	0.19	U	0.2	U	0.19	U	0.19	U	0.2	U	0.19	U	0.19	U	0.19	U		
1,2-Trichlorobenzene			mg/kg	0.2	U	0.19	U	0.2	U	0.19	U	0.2	U	0.2	U	0.19	U	0.2	U	0.19	U	0.2	U	0.19	U	0.19	U	0.2	U	0.19	U	0.19	U	0.19	U		
1,2-Dichlorobenzene	100	1.1	mg/kg	0.2	U	0.19	U	0.2	U	0.19	U	0.2	U	0.2	U	0.19	U	0.2	U	0.19	U	0.2	U	0.19	U	0.19	U	0.2	U	0.19	U	0.19	U	0.19	U		
1,3-Dichlorobenzene	49	2.4	mg/kg	0.2	U	0.19	U	0.2	U	0.19	U	0.2	U	0.2	U	0.19	U	0.2	U	0.19	U	0.2	U	0.19	U	0.19	U	0.2	U	0.19	U	0.19	U	0.19	U		
1,4-Dichlorobenzene	13	1.8	mg/kg	0.2	U	0.19	U	0.2	U	0.19	U	0.2	U	0.2	U	0.19	U	0.2	U	0.19	U	0.2	U	0.19	U	0.19	U	0.2	U	0.19	U	0.19	U	0.19	U		
1,4-Dioxane	13	0.1	mg/kg	0.031	U	0.028	U	0.03	U	0.028	U	0.03	U	0.031	U	0.13	U	0.028	U	0.03	U	0.029	U	0.029	U	0.029	U	0.03	U	0.029	U	0.028	U	0.029	U	0.028	U
2,4,5-Trichlorophenol			mg/kg	0.2	U	0.19	U	0.2	U	0.19	U	0.2	U	0.2	U	0.19	U	0.2	U	0.19	U	0.2	U	0.19	U	0.19	U	0.2	U	0.19	U	0.19	U	0.19	U	0.19	U
2,4,6-Trichlorophenol			mg/kg	0.12	U	0.11	U	0.12	U	0.11	U	0.12	U	0.12	U	0.11	U	0.12	U	0.11	U	0.12	U	0.11	U	0.12	U	0.12	U	0.11	U	0.12	U	0.11	U	0.12	U
2,4-Dichlorophenol			mg/kg	0.18	U	0.17	U	0.18	U	0.17	U	0.18	U	0.18	U	0.17	U	0.18	U	0.17	U	0.18	U	0.17	U	0.18	U	0.18	U	0.17	U	0.18	U	0.17	U	0.18	U
2,4-Dimethylphenol			mg/kg	0.2	U	0.19	U	0.2	U	0.19	U	0.2	U	0.2	U	0.19	U	0.2	U	0.19	U	0.2	U	0.19	U	0.19	U	0.2	U	0.19	U	0.19	U	0.19	U	0.19	U
2,4-Dinitrophenol			mg/kg	0.98	U	0.91	U	0.96	U	0.9	U	0.97	U	0.98	U	4.3	U	0.89	U	0.95	U	0.92	U	0.94	U	0.92	U	0.92	U	0.97	U	0.94	U	0.9	U	0.94	U
2,4-Dinitrotoluene			mg/kg	0.2	U	0.19	U	0.2	U	0.19	U	0.2	U	0.2	U	0.19	U	0.2	U	0.19	U	0.2	U	0.19	U	0.19	U	0.2	U	0.19	U	0.19	U	0.19	U	0.19	U
2,6-Dinitrotoluene			mg/kg	0.2	U	0.19	U	0.2	U	0.19	U	0.2	U	0.2	U	0.19	U	0.2	U	0.19	U	0.2	U	0.19	U	0.19	U	0.2	U	0.19	U	0.19	U	0.19	U	0.19	U
2-Chloronaphthalene			mg/kg	0.2	U	0.19	U	0.2	U	0.19	U	0.2	U	0.2	U	0.19	U	0.2	U	0.19	U	0.2	U	0.19	U	0.19	U	0.2	U	0.19	U	0.19	U	0.19	U	0.19	U
2-Chlorophenol			mg/kg	0.2	U	0.19	U	0.2	U	0.19	U	0.2	U	0.2	U	0.19	U	0.2	U	0.19	U	0.2	U	0.19	U	0.19	U	0.2	U	0.19	U	0.19	U	0.19	U	0.19	U
2-Methylnaphthalene			mg/kg	0.24	U	0.03	J	0.24	U	0.23	U	0.24	U	0.24	U	1.1	U	0.22	U	0.03	J	0.23	U	0.24	U	0.23	U	0.23	U	0.24	U	0.23	U	0.22	U	0.23	U
2-Methylphenol	100	0.33	mg/kg	0.2	U	0.19	U	0.2	U	0.19	U	0.2	U	0.2	U	0.19	U	0.2	U	0.19	U	0.2	U	0.19	U	0.19	U	0.2	U	0.19	U	0.19	U	0.19	U	0.19	U
2-Nitroaniline			mg/kg	0.2	U	0.19	U	0.2	U	0.19	U	0.2	U	0.2	U	0.19	U	0.2	U	0.19	U	0.2	U	0.19	U	0.19	U	0.2	U	0.19	U	0.19	U	0.19	U	0.19	U
2-Nitrophenol			mg/kg	0.44	U	0.41	U	0.43	U	0.41	U	0.44	U	0.44	U	1.9	U	0.4	U	0.43	U	0.41	U	0.42	U	0.41	U	0.42	U	0.44	U	0.42	U	0.4	U	0.42	U
3,3'-Dichlorobenzidine			mg/kg	0.2	U	0.19	U	0.2	U	0.19	U	0.2	U	0.2	U	0.19	U	0.2	U	0.19	U	0.2	U	0.19	U	0.19	U	0.2	U	0.19	U	0.19	U	0.19	U	0.19	U
3-Methylphenol/4-Methylphenol	100	0.33	mg/kg	0.29	U	0.27	U	0.29	U	0.27	U	0.29	U	0.29	U	1.3	U	0.27	U	0.29	U	0.28	U	0.28	U	0.28	U	0.28	U	0.29	U	0.28	U	0.27	U	0.28	U
3-Nitroaniline			mg/kg	0.2	U	0.19	U	0.2	U	0.19	U	0.2	U	0.2	U	0.19	U	0.2	U	0.19	U	0.2	U	0.19	U	0.19	U	0.2	U	0.19	U	0.19	U	0.19	U	0.19	U
4,6-Dinitro-o-cresol			mg/kg	0.53	U	0.49	U	0.52	U	0.49	U	0.53	U	0.53	U	2.3	U	0.48	U	0.52	U	0.5	U	0.51	U	0.5	U	0.52	U	0.51	U	0.48	U	0.51	U	0.49	U
4-Bromophenyl phenyl ether			mg/kg	0.2	U	0.19	U	0.2	U	0.19	U	0.2	U	0.2	U	0.19	U	0.2	U	0.19	U	0.2	U	0.19	U	0.19	U	0.2	U	0.19	U	0.19	U	0.19	U	0.19	U
4-Chloroaniline			mg/kg	0.2	U	0.19	U	0.2	U	0.19	U	0.2	U	0.2	U	0.19	U	0.2	U	0.19	U	0.2	U	0.19	U	0.19	U	0.2	U	0.19	U	0.19	U	0.19	U	0.19	U
4-Chlorophenyl phenyl ether			mg/kg	0.2	U	0.19	U	0.2	U	0.19	U	0.2	U	0.2	U	0.19	U	0.2	U	0.19	U	0.2	U	0.19	U	0.19	U	0.2	U	0.19	U	0.19	U	0.19	U	0.19	U
4-Nitroaniline			mg/kg	0.2	U	0.19	U	0.2	U	0.19	U	0.2	U	0.2	U	0.19	U	0.2	U	0.19	U	0.2	U	0.19	U	0.19	U	0.2	U	0.19	U	0.19	U	0.19	U	0.19	U
4-Nitrophenol			mg/kg	0.29	U	0.27	U	0.28	U	0.26	U	0.28	U	1.2	U	0.26	U	0.28	U	0.27	U	0.28	U	0.27	U	0.27	U	0.28	U	0.27	U	0.26	U	0.27	U	0.27	U
Acenaphthene	100	20	mg/kg	0.16	U	0.044	J	0.16	U	0.15	U	0.16	U	0.16	U	0.71	U	0.15	U	0.16	U	0.15	U	0.046	J	0.16	U	0.16	U	0.15	U	0.16	U	0.15	U	0.16	U
Acenaphthylene	100	100	mg/kg	0.16	U	0.15	U	0.16	U	0.15	U	0.16	U	0.16	U	0.71	U	0.15	U	0.16	U	0.15	U	0.066	J	0.037	J	0.16	U	0.15	U	0.16	U	0.15	U	0.16	U
Acetophenone			mg/kg	0.2	U	0.19	U	0.2	U	0.19	U	0.2	U	0.2	U	0.19	U	0.2	U	0.19	U	0.2	U	0.19	U	0.19	U	0.2	U	0.19	U	0.19	U	0.19	U	0.19	U
Anthracene	100	100	mg/kg	0.043	J	0.11	U	0.12	U	0.11	U	0.12	U	0.12	U	0.54	U	0.11	U	0.12	U	0.11	U	0.12	U	0.11	U	0.12	U	0.12	U	0.11	U	0.12	U	0.041	J
Benzo(a)anthracene	1	1	mg/kg	0.19	U	0.28	U	0.12	U	0.023	J	0.038	J	0.12	U	0.47	J	0.11	U	0.13	U	0.11	U	0.12	U	0.11	U	0.12	U	0.11	U	0.12	U	0.048	J	0.063	J
Benzo(a)pyrene	1	1	mg/kg	0.19	U	0.22	U	0.16	U	0.15	U	0.16	U	0.16	U	0.51	J	0.15	U	0.13	J	0.15	U	0.16	U	0.15	U	0.32	U	0.12	J	0.16	U				

Table 4B. Remedial Investigation - Semi-Volatile Organic Compound Analytical Results in Soil
 River North Site
 178, 194 Richmond Terrace 8 Stuyvesant Place, Staten Island, NY
 BCP Site C243045

LOCATION	SB-51 (0-2')	SB-51 (2-4')	SB-52 (0-2')	SB-52 (2-4')	SB-53 (0-2')	SB-54 (0-2')	SB-55 (0-2')	SB-56 (0-2')	DUP-1 (0-2')	DUP-2 (2-4')	DUP-3 (0-2')	DUP-4 (2-4')	DUP-5 (2-4')														
SAMPLING DATE	6/7/2022	6/7/2022	6/7/2022	6/7/2022	6/14/2022	6/14/2022	6/14/2022	6/14/2022	6/9/2022	6/9/2022	6/9/2022	6/9/2022	6/9/2022														
LAB SAMPLE ID	L2229886-09	L2229886-10	L2229886-11	L2229886-12	L2231549-05	L2231549-06	L2231549-07	L2231549-08	L2230668-21	L2230668-22	L2230668-23	L2230668-24	L2230668-25														
SAMPLE TYPE	SOIL																										
	NY-RESRR	NY-UNRES	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual										
Semivolatile Organics by GC/MS																											
1,2,4,5-Tetrachlorobenzene			mg/kg	0.19	U	0.2	U	0.19	U	0.2	U	0.2	U	0.18	U	0.18	U	4.5	U	0.18	U	0.19	U	0.19	U	0.18	U
1,2,4-Trichlorobenzene			mg/kg	0.19	U	0.2	U	0.19	U	0.2	U	0.2	U	0.18	U	0.18	U	4.5	U	0.18	U	0.19	U	0.19	U	0.18	U
1,2-Dichlorobenzene	100	1.1	mg/kg	0.19	U	0.2	U	0.19	U	0.2	U	0.2	U	0.18	U	0.18	U	4.5	U	0.18	U	0.19	U	0.19	U	0.18	U
1,3-Dichlorobenzene	49	2.4	mg/kg	0.19	U	0.2	U	0.19	U	0.2	U	0.2	U	0.18	U	0.18	U	4.5	U	0.18	U	0.19	U	0.19	U	0.18	U
1,4-Dichlorobenzene	13	1.8	mg/kg	0.19	U	0.2	U	0.19	U	0.2	U	0.2	U	0.18	U	0.18	U	4.5	U	0.18	U	0.19	U	0.19	U	0.18	U
1,4-Dioxane	13	0.1	mg/kg	0.029	U	0.03	U	0.029	U	0.029	U	0.029	U	0.027	U	0.028	U	0.67	U	0.028	U	0.029	U	0.028	U	0.027	U
2,4,5-Trichlorophenol			mg/kg	0.19	U	0.2	U	0.19	U	0.2	U	0.2	U	0.18	U	0.18	U	4.5	U	0.18	U	0.19	U	0.19	U	0.18	U
2,4,6-Trichlorophenol			mg/kg	0.12	U	0.11	U	0.11	U	2.7	U	0.11	U	0.12	U	0.11	U	0.11	U								
2,4-Dichlorophenol			mg/kg	0.17	U	0.18	U	0.17	U	0.18	U	0.18	U	0.16	U	0.17	U	4	U	0.17	U	0.17	U	0.17	U	0.16	U
2,4-Dimethylphenol			mg/kg	0.19	U	0.2	U	0.19	U	0.2	U	0.2	U	0.18	U	0.18	U	4.5	U	0.18	U	0.19	U	0.19	U	0.18	U
2,4-Dinitrophenol			mg/kg	0.92	U	0.98	U	0.93	U	0.94	U	0.98	U	0.94	U	0.88	U	21	U	0.89	U	0.93	U	0.91	U	0.87	U
2,4-Dinitrotoluene			mg/kg	0.19	U	0.2	U	0.19	U	0.2	U	0.2	U	0.18	U	0.18	U	4.5	U	0.18	U	0.19	U	0.19	U	0.18	U
2,6-Dinitrotoluene			mg/kg	0.19	U	0.2	U	0.19	U	0.2	U	0.2	U	0.18	U	0.18	U	4.5	U	0.18	U	0.19	U	0.19	U	0.18	U
2-Chloronaphthalene			mg/kg	0.19	U	0.2	U	0.19	U	0.2	U	0.2	U	0.18	U	0.18	U	4.5	U	0.18	U	0.19	U	0.19	U	0.18	U
2-Chlorophenol			mg/kg	0.19	U	0.2	U	0.19	U	0.2	U	0.2	U	0.18	U	0.18	U	4.5	U	0.18	U	0.19	U	0.19	U	0.18	U
2-Methylnaphthalene			mg/kg	0.23	U	0.24	U	0.23	U	0.23	U	0.24	U	0.22	U	0.22	U	5.4	U	0.072	J	0.23	U	0.037	J	0.22	U
2-Methylphenol	100	0.33	mg/kg	0.19	U	0.2	U	0.19	U	0.2	U	0.2	U	0.18	U	0.18	U	4.5	U	0.18	U	0.19	U	0.19	U	0.18	U
2-Nitroaniline			mg/kg	0.19	U	0.2	U	0.19	U	0.2	U	0.2	U	0.18	U	0.18	U	4.5	U	0.18	U	0.19	U	0.19	U	0.18	U
2-Nitrophenol			mg/kg	0.42	U	0.44	U	0.42	U	0.42	U	0.44	U	0.4	U	0.4	U	9.6	U	0.4	U	0.42	U	0.41	U	0.39	U
3,3'-Dichlorobenzidine			mg/kg	0.19	U	0.2	U	0.19	U	0.2	U	0.2	U	0.18	U	0.18	U	4.5	U	0.18	U	0.19	U	0.19	U	0.18	U
3-Methylphenol/4-Methylphenol	100	0.33	mg/kg	0.28	U	0.29	U	0.28	U	0.28	U	0.29	U	0.26	U	0.27	U	6.4	U	0.073	J	0.28	U	0.27	U	0.26	U
3-Nitroaniline			mg/kg	0.19	U	0.2	U	0.19	U	0.2	U	0.2	U	0.18	U	0.18	U	4.5	U	0.18	U	0.19	U	0.19	U	0.18	U
4,6-Dinitro-o-cresol			mg/kg	0.5	U	0.53	U	0.5	U	0.51	U	0.53	U	0.51	U	0.48	U	12	U	0.48	U	0.5	U	0.49	U	0.47	U
4-Bromophenyl phenyl ether			mg/kg	0.19	U	0.2	U	0.19	U	0.2	U	0.2	U	0.18	U	0.18	U	4.5	U	0.18	U	0.19	U	0.19	U	0.18	U
4-Chloroaniline			mg/kg	0.19	U	0.2	U	0.19	U	0.2	U	0.2	U	0.18	U	0.18	U	4.5	U	0.18	U	0.19	U	0.19	U	0.18	U
4-Chlorophenyl phenyl ether			mg/kg	0.19	U	0.2	U	0.19	U	0.2	U	0.2	U	0.18	U	0.18	U	4.5	U	0.18	U	0.19	U	0.19	U	0.18	U
4-Nitroaniline			mg/kg	0.19	U	0.2	U	0.19	U	0.2	U	0.2	U	0.18	U	0.18	U	4.5	U	0.18	U	0.19	U	0.19	U	0.18	U
4-Nitrophenol			mg/kg	0.27	U	0.28	U	0.27	U	0.27	U	0.28	U	0.27	U	0.26	U	6.3	U	0.26	U	0.27	U	0.27	U	0.25	U
Acenaphthene	100	20	mg/kg	0.15	U	0.16	U	0.15	U	0.16	U	0.16	U	0.15	U	0.15	U	3.6	U	0.021	J	0.15	U	0.15	U	0.14	U
Acenaphthylene	100	100	mg/kg	0.038	J	0.16	U	0.036	J	0.033	J	0.16	U	0.036	J	0.033	J	3.6	U	0.29	U	0.15	U	0.036	J	0.14	U
Acetophenone			mg/kg	0.19	U	0.2	U	0.19	U	0.2	U	0.2	U	0.18	U	0.18	U	4.5	U	0.18	U	0.19	U	0.19	U	0.18	U
Anthracene	100	100	mg/kg	0.12	U	0.12	U	0.12	U	0.047	J	0.12	U	0.041	J	0.11	U	2.7	U	0.5	U	0.12	U	0.11	U	0.11	U
Benzo(a)anthracene	1	1	mg/kg	0.16	J	0.1	J	0.16	J	0.02	J	0.1	J	0.12	J	0.075	J	2.7	U	2.1	J	0.083	J	0.12	J	0.11	U
Benzo(a)pyrene	1	1	mg/kg	0.14	J	0.097	J	0.16	J	0.17	J	0.15	J	0.12	J	0.088	J	3.6	U	1.7	J	0.075	J	0.12	J	0.14	U
Benzo(b)fluoranthene	1	1	mg/kg	0.18	J	0.13	J	0.18	J	0.23	J	0.19	J	0.15	J	0.12	J	2.7	U	2.2	J	0.096	J	0.17	J	0.11	U
Benzo(g)h)perylene	100	100	mg/kg	0.1	J	0.059	J	0.12	J	0.13	J	0.13	J	0.095	J	0.064	J	3.6	U	0.63	J	0.048	J	0.086	J	0.14	U
Benzo(k)fluoranthene	3.9	0.8	mg/kg	0.066	J	0.039	J	0.084	J	0.079	J	0.072	J	0.058	J	0.035	J	2.7	U	0.16	J	0.036	J	0.049	J	0.11	U
Benzoic Acid			mg/kg	0.62	U	0.66	U	0.63	U	0.63	U	0.66	U	0.63	U	0.59	U	14	U	0.6	U	0.63	U	0.62	U	0.59	U
Benzyl Alcohol			mg/kg	0.19	U	0.2	U	0.19	U	0.2	U	0.2	U	0.18	U	0.18	U	4.5	U	0.18	U	0.19	U	0.19	U	0.18	U
Biphenyl			mg/kg	0.44	U	0.46	U	0.44	U	0.45	U	0.46	U	0.45	U	0.42	U	10	U	0.42	U	0.44	U	0.43	U	0.41	U
Bis(2-chloroethoxy)methane			mg/kg	0.21	U	0.22	U	0.21	U	0.21	U	0.22	U	0.21	U	0.2	U	4.8	U	0.2	U	0.21	U	0.2	U	0.2	U
Bis(2-chloroethyl)ether			mg/kg	0.17	U	0.18	U	0.17	U	0.18	U	0.18	U	0.16	U	0.17	U	4	U	0.17	U	0.17	U	0.17	U	0.16	U
Bis(2-chloroisopropyl)ether			mg/kg	0.23	U	0.24	U	0.23	U	0.23	U	0.24	U	0.24	U	0.22	U	5.4	U	0.22	U	0.23	U	0.23	U	0.22	U
Bis(2-ethylhexyl)phthalate			mg/kg	0.19	U	0.073	J	0.19	U	0.071	J	0.41	J	1.1	U	0.18	U	0.081	J	4.5	U	0.18	U	0.16	J	0.18	U
Butyl benzyl phthalate			mg/kg	0.11	J	0.2	U	0.19	U	0.2	U	0.2	U	0.18	U	0.18	U	17	U	0.18	U	0.19	U	0.19	U	0.18	U
Carbazole			mg/kg	0.19	U	0.2	U	0.021	J	0.02	J	0.02	J	0.2	U	0.18	U	4.5	U	0.13	J	0.19	U	0.19	U	0.18	U
Chrysene	3.9	1	mg/kg	0.16	J	0.1	J	0.15	J	0.19	J	0.12	J	0.11	J	0.088	J	2.7	U	1.7	J	0.087					

Table 4C. Remedial Investigation - Polychlorinated Biphenyl Analytical Results in Soil
 River North Site
 178, 194 Richmond Terrace 8 Stuyvesant Place, Staten Island, NY
 BCP Site C243045

LOCATION	SB-2(2-4')		SB-2(4-6')		SB-6 (2-4')		SB-6 (4-6')		SB-8(2-4')		SB-8(4-6')		SB-10(2-4')		SB-10(4-6')		SB-13 (13-15')		SB-13 (15-17')		SB-14 (2-4')		SB-14 (4-6')		SB-18(3-5')		SB-18(11-13')		SB-19(1-3')		SB-19(3-5')		SB-20(8-10')		SB-20(13-15')		SB-21(8-10')				
SAMPLING DATE	6/13/2022		6/13/2022		6/10/2022		6/10/2022		6/13/2022		6/13/2022		6/13/2022		6/13/2022		6/9/2022		6/9/2022		6/10/2022		6/10/2022		6/13/2022		6/13/2022		6/13/2022		6/13/2022		6/13/2022		6/13/2022		6/13/2022				
LAB SAMPLE ID	L2231315-12		L2231315-13		L2231077-01		L2231077-02		L2231315-16		L2231315-17		L2231315-10		L2231315-11		L2230668-01		L2230668-02		L2231077-03		L2231077-04		L2231315-19		L2231315-18		L2231315-06		L2231315-07		L2231315-04		L2231315-05		L2231315-02				
SAMPLE TYPE	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		
	NY-RESRR	NY-UNRES	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual														
Polychlorinated Biphenyls by GC																																									
Aroclor 1016	1	0.1	mg/kg	0.0386	U	0.0399	U	0.039	U	0.0402	U	0.04	U	0.0374	U	0.0396	U	0.0397	U	0.0358	U	0.0357	U	0.0356	U	0.0373	U	0.0366	U	0.0379	U	0.0388	U	0.039	U	0.037	U	0.0371	U	0.0366	U
Aroclor 1221	1	0.1	mg/kg	0.0386	U	0.0399	U	0.039	U	0.0402	U	0.04	U	0.0374	U	0.0396	U	0.0397	U	0.0358	U	0.0357	U	0.0356	U	0.0373	U	0.0366	U	0.0379	U	0.0388	U	0.039	U	0.037	U	0.0371	U	0.0366	U
Aroclor 1232	1	0.1	mg/kg	0.0386	U	0.0399	U	0.039	U	0.0402	U	0.04	U	0.0374	U	0.0396	U	0.0397	U	0.0358	U	0.0357	U	0.0356	U	0.0373	U	0.0366	U	0.0379	U	0.0388	U	0.039	U	0.037	U	0.0371	U	0.0366	U
Aroclor 1242	1	0.1	mg/kg	0.0386	U	0.0399	U	0.039	U	0.0402	U	0.04	U	0.0374	U	0.0396	U	0.0397	U	0.0358	U	0.0357	U	0.0356	U	0.0373	U	0.0366	U	0.0379	U	0.0388	U	0.039	U	0.037	U	0.0371	U	0.0366	U
Aroclor 1248	1	0.1	mg/kg	0.0386	U	0.0399	U	0.039	U	0.0402	U	0.04	U	0.0374	U	0.0396	U	0.0397	U	0.0358	U	0.0357	U	0.0356	U	0.0373	U	0.0366	U	0.0379	U	0.0388	U	0.039	U	0.037	U	0.0371	U	0.0366	U
Aroclor 1254	1	0.1	mg/kg	0.0386	U	0.0399	U	0.039	U	0.0402	U	0.04	U	0.0374	U	0.0396	U	0.0397	U	0.0358	U	0.0357	U	0.0356	U	0.0373	U	0.0366	U	0.0379	U	0.0388	U	0.039	U	0.037	U	0.0371	U	0.0366	U
Aroclor 1260	1	0.1	mg/kg	0.0386	U	0.0399	U	0.00825	J	0.0155	J	0.04	U	0.0374	U	0.0396	U	0.0397	U	0.0358	U	0.0357	U	0.0356	U	0.0373	U	0.0366	U	0.0379	U	0.0388	U	0.039	U	0.037	U	0.0371	U	0.0366	U
Aroclor 1262	1	0.1	mg/kg	0.0386	U	0.0399	U	0.039	U	0.0402	U	0.04	U	0.0374	U	0.0396	U	0.0397	U	0.0358	U	0.0357	U	0.0356	U	0.0373	U	0.0366	U	0.0379	U	0.0388	U	0.039	U	0.037	U	0.0371	U	0.0366	U
Aroclor 1268	1	0.1	mg/kg	0.0386	U	0.0399	U	0.039	U	0.0402	U	0.04	U	0.0374	U	0.0396	U	0.0397	U	0.0358	U	0.0357	U	0.0356	U	0.0373	U	0.0366	U	0.0379	U	0.0388	U	0.039	U	0.037	U	0.0371	U	0.0366	U
PCBs, Total	1	0.1	mg/kg	0.0386	U	0.0399	U	0.00825	J	0.0155	J	0.04	U	0.0374	U	0.0396	U	0.0397	U	0.0358	U	0.0357	U	0.0356	U	0.0373	U	0.0366	U	0.0379	U	0.0388	U	0.039	U	0.037	U	0.0371	U	0.0366	U

- Notes:**
 1. NY-RESRR = NYSDEC Part 375 Restricted-Use Residential SCO
 2. NY-UNRES = NYSDEC Part 375 Unrestricted Use SCO
 3. Exceedances of NY-RESRR are shaded yellow
 4. Exceedances of NY-UNRES are shaded gray
 5. U = Non-detect
 6. J = Estimated Value
 7. mg/kg = milligrams per kilogram

Table 4C. Remedial Investigation - Polychlorinated Biphenyl Analytical Results in Soil
 River North Site
 178, 194 Richmond Terrace 8 Stuyvesant Place, Staten Island, NY
 BCP Site C243045

LOCATION	SB-21(13-15')		SB-22(8-10')		SB-22(10-12')		SB-23 (8-10')		SB-23 (12-14')		SB-24 (8-10')		SB-24 (15-17')		SB-25 (8-10')		SB-25 (13-15')		SB-26 (5-7')		SB-26 (8-10')		SB-27 (3-5')		SB-27 (6-8')		SB-28 (8-10')		SB-28 (10-12')		SB-29 (2-4')		SB-29 (13-15')		SB-30 (2-4')		SB-30 (16-18')				
SAMPLING DATE	6/13/2022		6/13/2022		6/13/2022		6/10/2022		6/10/2022		6/10/2022		6/10/2022		6/10/2022		6/10/2022		6/10/2022		6/10/2022		6/10/2022		6/10/2022		6/10/2022		6/9/2022		6/9/2022		6/9/2022		6/9/2022						
LAB SAMPLE ID	L2231315-03		L2231315-08		L2231315-09		L2231077-05		L2231077-06		L2231077-07		L2231077-08		L2231077-09		L2231077-10		L2231077-11		L2231077-12		L2231077-13		L2231077-14		L2231077-15		L2231077-16		L2230668-03		L2230668-04		L2230668-05		L2230668-06				
SAMPLE TYPE	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL				
	NY-RESRR	NY-UNRES	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual				
Polychlorinated Biphenyls by GC																																									
Aroclor 1016	1	0.1	mg/kg	0.0364	U	0.0393	U	0.0359	U	0.0359	U	0.0371	U	0.039	U	0.0368	U	0.0378	U	0.0408	U	0.0374	U	0.0349	U	0.0375	U	0.047	U	0.0365	U	0.035	U	0.0387	U	0.0443	U	0.0376	U	0.0397	U
Aroclor 1221	1	0.1	mg/kg	0.0364	U	0.0393	U	0.0359	U	0.0359	U	0.0371	U	0.039	U	0.0368	U	0.0378	U	0.0408	U	0.0374	U	0.0349	U	0.0375	U	0.047	U	0.0365	U	0.035	U	0.0387	U	0.0443	U	0.0376	U	0.0397	U
Aroclor 1232	1	0.1	mg/kg	0.0364	U	0.0393	U	0.0359	U	0.0359	U	0.0371	U	0.039	U	0.0368	U	0.0378	U	0.0408	U	0.0374	U	0.0349	U	0.0375	U	0.047	U	0.0365	U	0.035	U	0.0387	U	0.0443	U	0.0376	U	0.0397	U
Aroclor 1242	1	0.1	mg/kg	0.0364	U	0.0393	U	0.0359	U	0.0359	U	0.0371	U	0.039	U	0.0368	U	0.0378	U	0.0408	U	0.0374	U	0.0349	U	0.0375	U	0.047	U	0.0365	U	0.035	U	0.0387	U	0.0443	U	0.0376	U	0.0397	U
Aroclor 1248	1	0.1	mg/kg	0.0364	U	0.0393	U	0.0359	U	0.0359	U	0.0371	U	0.039	U	0.0368	U	0.0378	U	0.0408	U	0.0374	U	0.0349	U	0.0375	U	0.047	U	0.0365	U	0.035	U	0.0387	U	0.0443	U	0.0376	U	0.0397	U
Aroclor 1254	1	0.1	mg/kg	0.0364	U	0.0393	U	0.0359	U	0.0359	U	0.0371	U	0.039	U	0.0368	U	0.0378	U	0.0408	U	0.0374	U	0.0349	U	0.0375	U	0.047	U	0.0365	U	0.035	U	0.0387	U	0.0443	U	0.0376	U	0.0397	U
Aroclor 1260	1	0.1	mg/kg	0.0364	U	0.0393	U	0.0359	U	0.0359	U	0.0371	U	0.039	U	0.0368	U	0.0255	J	0.0408	U	0.0374	U	0.0349	U	0.0375	U	0.047	U	0.0365	U	0.035	U	0.0179	J	0.0443	U	0.0376	U	0.0397	U
Aroclor 1262	1	0.1	mg/kg	0.0364	U	0.0393	U	0.0359	U	0.0359	U	0.0371	U	0.039	U	0.0368	U	0.0378	U	0.0408	U	0.0374	U	0.0349	U	0.0375	U	0.047	U	0.0365	U	0.035	U	0.0387	U	0.0443	U	0.0376	U	0.0397	U
Aroclor 1268	1	0.1	mg/kg	0.0364	U	0.0393	U	0.0359	U	0.0359	U	0.0371	U	0.039	U	0.0368	U	0.0156	J	0.0408	U	0.0374	U	0.0349	U	0.0375	U	0.047	U	0.0365	U	0.035	U	0.0387	U	0.0443	U	0.0376	U	0.0397	U
PCBs, Total	1	0.1	mg/kg	0.0364	U	0.0393	U	0.0359	U	0.0359	U	0.0371	U	0.039	U	0.0368	U	0.0411	J	0.0408	U	0.0374	U	0.0349	U	0.0375	U	0.047	U	0.0365	U	0.035	U	0.0179	J	0.0443	U	0.0376	U	0.0397	U

- Notes:**
 1. NY-RESRR = NYSDEC Part 375 Restricted-Use Residential SCO
 2. NY-UNRES = NYSDEC Part 375 Unrestricted Use SCO
 3. Exceedances of NY-RESRR are shaded yellow
 4. Exceedances of NY-UNRES are shaded gray
 5. U = Non-detect
 6. J = Estimated Value
 7. mg/kg = milligrams per kilogram

Table 4C. Remedial Investigation - Polychlorinated Biphenyl Analytical Results in Soil
 River North Site
 178, 194 Richmond Terrace 8 Stuyvesant Place, Staten Island, NY
 BCP Site C243045

LOCATION	SB-31 (2-4')	SB-31 (11-13')	SB-32 (6-8')	SB-32 (8-10')	SB-33 (2-4')	SB-33 (16-18')	SB-34 (0-2')	SB-34 (10-12')	SB-35 (0-2')	SB-35 (8-10')	SB-36 (0-2')	SB-36 (3-5')	SB-37 (2-4')	SB-37 (7-9')	SB-38 (6-8')	SB-38 (8-10')	SB-39 (3-5')	SB-39 (5-7')	SB-40(0-2')	SB-41 (0-2')																							
SAMPLING DATE	6/9/2022	6/9/2022	6/9/2022	6/9/2022	6/9/2022	6/9/2022	6/9/2022	6/9/2022	6/9/2022	6/9/2022	6/9/2022	6/9/2022	6/14/2022	6/14/2022	6/9/2022	6/9/2022	6/14/2022	6/14/2022	6/13/2022	6/7/2022																							
LAB SAMPLE ID	L2230668-07	L2230668-08	L2230668-09	L2230668-10	L2230668-11	L2230668-12	L2230668-13	L2230668-14	L2230668-19	L2230668-30	L2230668-31	L2230668-32	L2231549-01	L2231549-02	L2230668-33	L2230668-34	L2231549-03	L2231549-04	L2231315-15	L2229886-01																							
SAMPLE TYPE	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL																								
	NY-RESRR	NY-UNRES	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual																						
Polychlorinated Biphenyls by GC																																											
Aroclor 1016	1	0.1	mg/kg	0.0379	U	0.0356	U	0.0382	U	0.0372	U	0.0379	U	0.0384	U	0.0388	U	0.0381	U	0.0364	U	0.0371	U	0.0354	U	0.0379	U	0.0395	U	0.0377	U	0.0368	U	0.0368	U	0.0397	U	0.0372	U	0.0429	U	0.197	U
Aroclor 1221	1	0.1	mg/kg	0.0379	U	0.0356	U	0.0382	U	0.0372	U	0.0379	U	0.0384	U	0.0388	U	0.0381	U	0.0364	U	0.0371	U	0.0354	U	0.0379	U	0.0395	U	0.0377	U	0.0368	U	0.0368	U	0.0397	U	0.0372	U	0.0429	U	0.197	U
Aroclor 1232	1	0.1	mg/kg	0.0379	U	0.0356	U	0.0382	U	0.0372	U	0.0379	U	0.0384	U	0.0388	U	0.0381	U	0.0364	U	0.0371	U	0.0354	U	0.0379	U	0.0395	U	0.0377	U	0.0368	U	0.0368	U	0.0397	U	0.0372	U	0.0429	U	0.197	U
Aroclor 1242	1	0.1	mg/kg	0.0379	U	0.0356	U	0.0382	U	0.0372	U	0.0379	U	0.0384	U	0.0388	U	0.0381	U	0.0364	U	0.0371	U	0.0354	U	0.0379	U	0.0395	U	0.0377	U	0.0368	U	0.0368	U	0.0397	U	0.0372	U	0.0429	U	0.197	U
Aroclor 1248	1	0.1	mg/kg	0.123	U	0.0356	U	0.0382	U	0.0372	U	0.0379	U	0.0384	U	0.0388	U	0.0381	U	0.0364	U	0.0371	U	0.0354	U	0.0379	U	0.0395	U	0.0377	U	0.0368	U	0.0368	U	0.0397	U	0.0372	U	0.0193	J	0.197	U
Aroclor 1254	1	0.1	mg/kg	0.0588	U	0.0356	U	0.0382	U	0.0372	U	0.0379	U	0.0384	U	0.0388	U	0.0381	U	0.0364	U	0.0371	U	0.0354	U	0.0379	U	0.0395	U	0.0377	U	0.0368	U	0.0368	U	0.0397	U	0.0372	U	0.0429	U	0.575	U
Aroclor 1260	1	0.1	mg/kg	0.0194	J	0.0356	U	0.0382	U	0.0372	U	0.0379	U	0.0384	U	0.0388	U	0.0381	U	0.0364	U	0.0371	U	0.0354	U	0.0379	U	0.0395	U	0.0377	U	0.0368	U	0.0368	U	0.0397	U	0.0372	U	0.0429	U	0.419	U
Aroclor 1262	1	0.1	mg/kg	0.0379	U	0.0356	U	0.0382	U	0.0372	U	0.0379	U	0.0384	U	0.0388	U	0.0381	U	0.0364	U	0.0371	U	0.0354	U	0.0379	U	0.0395	U	0.0377	U	0.0368	U	0.0368	U	0.0397	U	0.0372	U	0.0429	U	0.197	U
Aroclor 1268	1	0.1	mg/kg	0.00573	J	0.0356	U	0.0382	U	0.0372	U	0.0379	U	0.0384	U	0.0388	U	0.0381	U	0.0364	U	0.0371	U	0.0354	U	0.0379	U	0.0395	U	0.0377	U	0.0368	U	0.0368	U	0.0397	U	0.0372	U	0.0429	U	0.197	U
PCBs, Total	1	0.1	mg/kg	0.207	J	0.0356	U	0.0382	U	0.0372	U	0.0379	U	0.0384	U	0.0388	U	0.0381	U	0.0364	U	0.0371	U	0.0354	U	0.0379	U	0.0395	U	0.0377	U	0.0368	U	0.0368	U	0.0397	U	0.0372	U	0.0193	J	0.994	U

- Notes:
 1. NY-RESRR = NYSDEC Part 375 Restricted-Use Residential SCO
 2. NY-UNRES = NYSDEC Part 375 Unrestricted Use SCO
 3. Exceedances of NY-RESRR are shaded yellow
 4. Exceedances of NY-UNRES are shaded gray
 5. U = Non-detect
 6. J = Estimated Value
 7. mg/kg = milligrams per kilogram

Table 4C. Remedial Investigation - Polychlorinated Biphenyl Analytical Results in Soil
 River North Site
 178, 194 Richmond Terrace 8 Stuyvesant Place, Staten Island, NY
 BCP Site C243045

LOCATION	SB-41 (2-4')		SB-42 (0-2')		SB-42 (2-4')		SB-43 (0-2')		SB-43 (2-4')		SB-44 (0-2')		SB-44 (2-4')		SB-45 (0-2')		SB-45 (2-4')		SB-46 (0-2')		SB-46 (2-4')		SB-47 (0-2')		SB-47 (2-4')		SB-48(0-2')		SB-49 (0-2')		SB-49 (2-4')		SB-50 (0-2')		SB-50 (2-4')		SB-51 (0-2')		SB-51 (2-4')				
SAMPLING DATE	6/7/2022		6/7/2022		6/7/2022		6/10/2022		6/10/2022		6/9/2022		6/9/2022		6/9/2022		6/9/2022		6/9/2022		6/9/2022		6/10/2022		6/10/2022		6/13/2022		6/7/2022		6/7/2022		6/7/2022		6/7/2022		6/7/2022						
LAB SAMPLE ID	L2229886-02		L2229886-03		L2229886-04		L2231077-17		L2231077-18		L2230668-15		L2230668-16		L2230668-17		L2230668-18		L2230668-19		L2230668-20		L2231077-19		L2231077-20		L2231315-14		L2229886-05		L2229886-06		L2229886-07		L2229886-08		L2229886-09		L2229886-10				
SAMPLE TYPE	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL				
	NY-RESRR	NY-UNRES	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual																								
Polychlorinated Biphenyls by GC																																											
Aroclor 1016	1	0.1	mg/kg	0.0371	U	0.0391	U	0.0378	U	0.041	U	0.0398	U	0.0354	U	0.0357	U	0.0383	U	0.0377	U	0.0382	U	0.0372	U	0.0378	U	0.0396	U	0.0396	U	0.0369	U	0.0385	U	0.0369	U	0.038	U	0.0392	U	0.0395	U
Aroclor 1221	1	0.1	mg/kg	0.0371	U	0.0391	U	0.0378	U	0.041	U	0.0398	U	0.0354	U	0.0357	U	0.0383	U	0.0377	U	0.0382	U	0.0372	U	0.0378	U	0.0396	U	0.0396	U	0.0369	U	0.0385	U	0.0369	U	0.038	U	0.0392	U	0.0395	U
Aroclor 1232	1	0.1	mg/kg	0.0371	U	0.0391	U	0.0378	U	0.041	U	0.0398	U	0.0354	U	0.0357	U	0.0383	U	0.0377	U	0.0382	U	0.0372	U	0.0378	U	0.0396	U	0.0396	U	0.0369	U	0.0385	U	0.0369	U	0.038	U	0.0392	U	0.0395	U
Aroclor 1242	1	0.1	mg/kg	0.0371	U	0.0391	U	0.0378	U	0.041	U	0.0398	U	0.0354	U	0.0357	U	0.0383	U	0.0377	U	0.0382	U	0.0372	U	0.0378	U	0.0396	U	0.0396	U	0.0369	U	0.0385	U	0.0369	U	0.038	U	0.0392	U	0.0395	U
Aroclor 1248	1	0.1	mg/kg	0.0371	U	0.0391	U	0.0378	U	0.041	U	0.0398	U	0.0354	U	0.0357	U	0.0383	U	0.0377	U	0.0382	U	0.0372	U	0.0378	U	0.0396	U	0.0396	U	0.0369	U	0.0385	U	0.0369	U	0.038	U	0.0392	U	0.0395	U
Aroclor 1254	1	0.1	mg/kg	0.118		0.0391	U	0.0378	U	0.041	U	0.0398	U	0.0161	J	0.0357	U	0.0279	J	0.0377	U	0.0382	U	0.0372	U	0.0378	U	0.0396	U	0.0396	U	0.0369	U	0.0385	U	0.0369	U	0.038	U	0.0392	U	0.0395	U
Aroclor 1260	1	0.1	mg/kg	0.0865		0.0391	U	0.0378	U	0.0182	J	0.0398	U	0.0185	J	0.0357	U	0.0221	J	0.0377	U	0.0382	U	0.0372	U	0.0378	U	0.0396	U	0.0396	U	0.0369	U	0.0385	U	0.0369	U	0.038	U	0.00731	J	0.0395	U
Aroclor 1262	1	0.1	mg/kg	0.0371	U	0.0391	U	0.0378	U	0.041	U	0.0398	U	0.0354	U	0.0357	U	0.0383	U	0.0377	U	0.0382	U	0.0372	U	0.0378	U	0.0396	U	0.0396	U	0.0369	U	0.0385	U	0.0369	U	0.038	U	0.0392	U	0.0395	U
Aroclor 1268	1	0.1	mg/kg	0.0371	U	0.0391	U	0.0378	U	0.041	U	0.0398	U	0.00586	J	0.0357	U	0.00547	J	0.0377	U	0.0382	U	0.0372	U	0.0378	U	0.0396	U	0.0396	U	0.0369	U	0.0385	U	0.0369	U	0.038	U	0.0392	U	0.0395	U
PCBs, Total	1	0.1	mg/kg	0.205		0.0391	U	0.0378	U	0.0182	J	0.0398	U	0.0405	J	0.0357	U	0.0555	J	0.0377	U	0.0382	U	0.0372	U	0.0378	U	0.0396	U	0.0396	U	0.0369	U	0.0385	U	0.0369	U	0.038	U	0.00731	J	0.0395	U

- Notes:
 1. NY-RESRR = NYSDEC Part 375 Restricted-Use Residential SCO
 2. NY-UNRES = NYSDEC Part 375 Unrestricted Use SCO
 3. Exceedances of NY-RESRR are shaded yellow
 4. Exceedances of NY-UNRES are shaded gray
 5. U = Non-detect
 6. J = Estimated Value
 7. mg/kg = milligrams per kilogram

Table 4C. Remedial Investigation - Polychlorinated Biphenyl Analytical Results in Soil
 River North Site
 178, 194 Richmond Terrace 8 Stuyvesant Place, Staten Island, NY
 BCP Site C243045

LOCATION	SB-52 (0-2')		SB-52 (2-4')		SB-53 (0-2')		SB-54 (0-2')		SB-55 (0-2')		SB-56 (0-2')		DUP-1 (0-2')		DUP-2 (2-4')		DUP-3 (0-2')		DUP-4 (2-4')		DUP-5 (2-4')				
SAMPLING DATE	6/7/2022		6/7/2022		6/14/2022		6/14/2022		6/14/2022		6/14/2022		6/9/2022		6/9/2022		6/9/2022		6/9/2022		6/9/2022				
LAB SAMPLE ID	L2229886-11		L2229886-12		L2231549-05		L2231549-06		L2231549-07		L2231549-08		L2230668-21		L2230668-22		L2230668-23		L2230668-24		L2230668-25				
SAMPLE TYPE	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL				
	NY-RESRR	NY-UNRES	Units	Results	Qual	Results	Qual																		
Polychlorinated Biphenyls by GC																									
Aroclor 1016	1	0.1	mg/kg	0.0388	U	0.0397	U	0.04	U	0.0387	U	0.0374	U	0.0359	U	0.0344	U	0.0376	U	0.0382	U	0.0382	U	0.0351	U
Aroclor 1221	1	0.1	mg/kg	0.0388	U	0.0397	U	0.04	U	0.0387	U	0.0374	U	0.0359	U	0.0344	U	0.0376	U	0.0382	U	0.0382	U	0.0351	U
Aroclor 1232	1	0.1	mg/kg	0.0388	U	0.0397	U	0.04	U	0.0387	U	0.0374	U	0.0359	U	0.0344	U	0.0376	U	0.0382	U	0.0382	U	0.0351	U
Aroclor 1242	1	0.1	mg/kg	0.0388	U	0.0397	U	0.04	U	0.0387	U	0.0374	U	0.0359	U	0.0344	U	0.0376	U	0.0382	U	0.0382	U	0.0351	U
Aroclor 1248	1	0.1	mg/kg	0.0388	U	0.0397	U	0.04	U	0.0387	U	0.0374	U	0.0359	U	0.0344	U	0.0376	U	0.0382	U	0.0382	U	0.0351	U
Aroclor 1254	1	0.1	mg/kg	0.0388	U	0.0397	U	0.04	U	0.0387	U	0.0374	U	0.0359	U	0.0344	U	0.0376	U	0.012	J	0.00887	J	0.0351	U
Aroclor 1260	1	0.1	mg/kg	0.0388	U	0.0397	U	0.00967	J	0.0113	J	0.0374	U	0.00729	J	0.0682		0.0376	U	0.00793	J	0.00899	J	0.0351	U
Aroclor 1262	1	0.1	mg/kg	0.0388	U	0.0397	U	0.04	U	0.0387	U	0.0374	U	0.0359	U	0.0344	U	0.0376	U	0.0382	U	0.0382	U	0.0351	U
Aroclor 1268	1	0.1	mg/kg	0.0388	U	0.0397	U	0.04	U	0.0387	U	0.0374	U	0.0359	U	0.0344	U	0.0376	U	0.0382	U	0.0382	U	0.0351	U
PCBs, Total	1	0.1	mg/kg	0.0388	U	0.0397	U	0.00967	J	0.0113	J	0.0374	U	0.00729	J	0.0682		0.0376	U	0.0199	J	0.0179	J	0.0351	U

- Notes:**
1. NY-RESRR = NYSDEC Part 375 Restricted-Use Residential SCO
 2. NY-UNRES = NYSDEC Part 375 Unrestricted Use SCO
 3. Exceedances of NY-RESRR are shaded yellow
 4. Exceedances of NY-UNRES are shaded gray
 5. U = Non-detect
 6. J = Estimated Value
 7. mg/kg = milligrams per kilogram

Table 4D. Remedial Investigation - Pesticides and Herbicides Analytical Results in Soil
River North Site
178, 194 Richmond Terrace 8 Stuyvesant Place, Staten Island, NY
BCP Site C243045

LOCATION	SB-2(2-4')		SB-2(4-6')		SB-6 (2-4')		SB-6 (4-6')		SB-8(2-4')		SB-8(4-6')		SB-10(2-4')		SB-10(4-6')		SB-13 (13-15')		SB-13 (15-17')		SB-14 (2-4')		SB-14 (4-6')		SB-18(3-5')		SB-18(11-13')		SB-19(1-3')		SB-19(3-5')		SB-20(8-10')		SB-20(13-15')		SB-21(8-10')				
SAMPLING DATE	6/13/2022		6/13/2022		6/10/2022		6/10/2022		6/13/2022		6/13/2022		6/13/2022		6/13/2022		6/9/2022		6/9/2022		6/10/2022		6/10/2022		6/13/2022		6/13/2022		6/13/2022		6/13/2022		6/13/2022		6/13/2022		6/13/2022				
LAB SAMPLE ID	L2231315-12		L2231315-13		L2231077-01		L2231077-02		L2231315-16		L2231315-17		L2231315-10		L2231315-11		L2230668-01		L2230668-02		L2231077-03		L2231077-04		L2231315-19		L2231315-06		L2231315-07		L2231315-04		L2231315-05		L2231315-05						
SAMPLE TYPE	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL																		
Chlorinated Herbicides by GC	NY-RESRR	NY-UNRES	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual																
2,4,5-T			mg/kg	0.189	U	0.198	U	0.194	U	0.198	U	0.21	U	0.193	U	0.198	U	0.199	U	0.177	U	0.175	U	0.183	U	0.186	U	0.186	U	0.188	U	0.196	U	0.198	U	0.19	U	0.182	U	0.189	U
2,4,5-TP (Silvex)	100	3.8	mg/kg	0.189	U	0.198	U	0.194	U	0.198	U	0.21	U	0.193	U	0.198	U	0.199	U	0.177	U	0.175	U	0.183	U	0.186	U	0.186	U	0.188	U	0.196	U	0.198	U	0.19	U	0.182	U	0.189	U
2,4-D			mg/kg	0.189	U	0.198	U	0.194	U	0.198	U	0.21	U	0.193	U	0.198	U	0.199	U	0.177	U	0.175	U	0.183	U	0.186	U	0.186	U	0.188	U	0.196	U	0.198	U	0.19	U	0.182	U	0.189	U
Organochlorine Pesticides by GC																																									
4,4'-DDD	13	0.0033	mg/kg	0.00187	U	0.00189	U	0.00187	U	0.00185	U	0.00196	U	0.00183	U	0.00189	U	0.00191	U	0.00174	U	0.00171	U	0.00172	U	0.00177	U	0.0018	U	0.00174	U	0.00183	U	0.00183	U	0.00178	U	0.00178	U	0.00179	U
4,4'-DDE	8.9	0.0033	mg/kg	0.00187	U	0.00189	U	0.00214	IP	0.00607		0.00196	U	0.00183	U	0.00189	U	0.00191	U	0.00174	U	0.00171	U	0.00172	U	0.00177	U	0.0018	U	0.00174	U	0.00183	U	0.00183	U	0.00178	U	0.00062	J	0.00179	U
4,4'-DDT	7.9	0.0033	mg/kg	0.0035	U	0.00355	U	0.0043	IP	0.00594	IP	0.00367	U	0.00344	U	0.00355	U	0.00358	U	0.00326	U	0.0032	U	0.00322	U	0.00332	U	0.00338	U	0.00326	U	0.00343	U	0.00343	U	0.00333	U	0.00145	J	0.00335	U
Aldrin	0.097	0.005	mg/kg	0.00187	U	0.00189	U	0.00187	U	0.00185	U	0.00196	U	0.00183	U	0.00189	U	0.00191	U	0.00174	U	0.00171	U	0.00172	U	0.00177	U	0.0018	U	0.00174	U	0.00183	U	0.00183	U	0.00178	U	0.00178	U	0.00179	U
Alpha-BHC	0.48	0.02	mg/kg	0.000778	U	0.000789	U	0.000779	U	0.00077	U	0.000817	U	0.000764	U	0.000788	U	0.000796	U	0.000724	U	0.000712	U	0.000716	U	0.000738	U	0.000751	U	0.000726	U	0.000761	U	0.000763	U	0.000741	U	0.000741	U	0.000745	U
Beta-BHC	0.36	0.036	mg/kg	0.00187	U	0.00189	U	0.00187	U	0.00185	U	0.00196	U	0.00183	U	0.00189	U	0.00191	U	0.00174	U	0.00171	U	0.00172	U	0.00177	U	0.0018	U	0.00174	U	0.00183	U	0.00183	U	0.00178	U	0.00178	U	0.00179	U
Chlordane			mg/kg	0.0156	U	0.0158	U	0.0156	U	0.0154	U	0.0163	U	0.0153	U	0.0158	U	0.0159	U	0.0145	U	0.0142	U	0.0143	U	0.0148	U	0.015	U	0.0145	U	0.0152	U	0.0152	U	0.0148	U	0.0148	U	0.0149	U
cis-Chlordane	4.2	0.094	mg/kg	0.00233	U	0.00237	U	0.00139	JIP	0.00231	U	0.00245	U	0.00229	U	0.00236	U	0.00239	U	0.00217	U	0.00213	U	0.00215	U	0.00221	U	0.00225	U	0.00218	U	0.00228	U	0.00229	U	0.00222	U	0.00224	U	0.00224	U
Delta-BHC	100	0.04	mg/kg	0.00187	U	0.00189	U	0.00187	U	0.00185	U	0.00196	U	0.00183	U	0.00189	U	0.00191	U	0.00174	U	0.00171	U	0.00172	U	0.00177	U	0.0018	U	0.00174	U	0.00183	U	0.00183	U	0.00178	U	0.00178	U	0.00179	U
Dieldrin	0.2	0.005	mg/kg	0.00117	U	0.00118	U	0.00117	U	0.00115	U	0.00122	U	0.00114	U	0.00118	U	0.00119	U	0.00109	U	0.00107	U	0.00107	U	0.00111	U	0.00113	U	0.00109	U	0.00114	U	0.00114	U	0.00111	U	0.00111	U	0.00112	U
Endosulfan I	24	2.4	mg/kg	0.00187	U	0.00189	U	0.00187	U	0.00185	U	0.00196	U	0.00183	U	0.00189	U	0.00191	U	0.00174	U	0.00171	U	0.00172	U	0.00177	U	0.0018	U	0.00174	U	0.00183	U	0.00183	U	0.00178	U	0.00178	U	0.00179	U
Endosulfan II	24	2.4	mg/kg	0.00187	U	0.00189	U	0.00187	U	0.00185	U	0.00196	U	0.00183	U	0.00189	U	0.00191	U	0.00174	U	0.00171	U	0.00172	U	0.00177	U	0.0018	U	0.00174	U	0.00183	U	0.00183	U	0.00178	U	0.00178	U	0.00179	U
Endosulfan sulfate	24	2.4	mg/kg	0.000778	U	0.000789	U	0.000779	U	0.00077	U	0.000817	U	0.000764	U	0.000788	U	0.000796	U	0.000724	U	0.000712	U	0.000716	U	0.000738	U	0.000751	U	0.000726	U	0.000761	U	0.000763	U	0.000741	U	0.000741	U	0.000745	U
Endrin	11	0.014	mg/kg	0.000778	U	0.000789	U	0.000779	U	0.00077	U	0.000817	U	0.000764	U	0.000788	U	0.000796	U	0.000724	U	0.000712	U	0.000716	U	0.000738	U	0.000751	U	0.000726	U	0.000761	U	0.000763	U	0.000741	U	0.000741	U	0.000745	U
Endrin aldehyde			mg/kg	0.00233	U	0.00237	U	0.00234	U	0.00231	U	0.00245	U	0.00229	U	0.00236	U	0.00239	U	0.00217	U	0.00213	U	0.00215	U	0.00221	U	0.00225	U	0.00218	U	0.00228	U	0.00229	U	0.00222	U	0.00222	U	0.00224	U
Endrin ketone			mg/kg	0.00187	U	0.00189	U	0.00187	U	0.00185	U	0.00196	U	0.00183	U	0.00189	U	0.00191	U	0.00174	U	0.00171	U	0.00172	U	0.00177	U	0.0018	U	0.00174	U	0.00183	U	0.00183	U	0.00178	U	0.00178	U	0.00179	U
Heptachlor	2.1	0.042	mg/kg	0.000933	U	0.000947	U	0.000935	U	0.000924	U	0.00098	U	0.000916	U	0.000946	U	0.000956	U	0.000869	U	0.000854	U	0.00086	U	0.000886	U	0.000886	U	0.000871	U	0.000914	U	0.000915	U	0.000889	U	0.000889	U	0.000894	U
Heptachlor epoxide			mg/kg	0.0035	U	0.00355	U	0.00351	U	0.00346	U	0.00367	U	0.00344	U	0.00358	U	0.00358	U	0.00326	U	0.0032	U	0.00322	U	0.00332	U	0.00338	U	0.00326	U	0.00343	U	0.00343	U	0.00333	U	0.00333	U	0.00335	U
Lindane	1.3	0.1	mg/kg	0.000778	U	0.000789	U	0.000779	U	0.00077	U	0.000817	U	0.000764	U	0.000788	U	0.000796	U	0.000724	U	0.000712	U	0.000716	U	0.000738	U	0.000751	U	0.000726	U	0.000761	U	0.000763	U	0.000741	U	0.000741	U	0.000745	U
Methoxychlor			mg/kg	0.0035	U	0.00355	U	0.00351	U	0.00346	U	0.00367	U	0.00344	U	0.00358	U	0.00358	U	0.00326	U	0.0032	U	0.00322	U	0.00332	U	0.00338	U	0.00326	U	0.00343	U	0.00343	U	0.00333	U	0.00333	U	0.00335	U
Toxaphene			mg/kg	0.035	U	0.0355	U	0.0351	U	0.0346	U	0.0367	U	0.0344	U	0.0355	U	0.0358	U	0.0326	U	0.032	U	0.0322	U	0.0332	U	0.0338	U	0.0326	U	0.0343	U	0.0343	U	0.0333	U	0.0333	U	0.0335	U
trans-Chlordane			mg/kg	0.00233	U	0.00237	U	0.00236	U	0.000801	J	0.00245	U	0.00229	U	0.00236	U	0.00239	U	0.00217	U	0.00213	U	0.00215	U	0.00221	U	0.00225	U	0.00218	U	0.00228	U	0.00229	U	0.00222	U	0.00222	U	0.00224	U</

Table 4D. Remedial Investigation - Pesticides and Herbicides Analytical Results in Soil
 River North Site
 178, 194 Richmond Terrace 8 Stuyvesant Place, Staten Island, NY
 BCP Site C243045

LOCATION	SB-21(13-15')		SB-22(8-10')		SB-22(10-12')		SB-23 (8-10')		SB-23 (12-14')		SB-24 (8-10')		SB-24 (15-17')		SB-25 (8-10')		SB-25 (13-15')		SB-26 (5-7')		SB-26 (8-10')		SB-27 (3-5')		SB-27 (6-8')		SB-28 (8-10')		SB-28 (10-12')		SB-29 (2-4')		SB-29 (13-15')		SB-30 (2-4')		SB-30 (16-18')				
SAMPLING DATE	6/13/2022		6/13/2022		6/13/2022		6/10/2022		6/10/2022		6/10/2022		6/10/2022		6/10/2022		6/10/2022		6/10/2022		6/10/2022		6/10/2022		6/10/2022		6/10/2022		6/9/2022		6/9/2022		6/9/2022		6/9/2022						
LAB SAMPLE ID	L2231315-03		L2231315-08		L2231315-09		L2231077-05		L2231077-06		L2231077-07		L2231077-08		L2231077-09		L2231077-10		L2231077-11		L2231077-12		L2231077-13		L2231077-14		L2231077-15		L2230668-03		L2230668-04		L2230668-05		L2230668-06						
SAMPLE TYPE	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL				
Chlorinated Herbicides by GC	NY-RESRR	NY-UNRES	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual				
2,4,5-T			mg/kg	0.18	U	0.198	U	0.175	U	0.182	U	0.182	U	0.197	U	0.184	U	0.187	U	0.21	U	0.193	U	0.177	U	0.187	U	0.239	U	0.183	U	0.182	U	0.189	U	0.22	U	0.19	U	0.2	U
2,4,5-TP (Silvex)	100	3.8	mg/kg	0.18	U	0.198	U	0.175	U	0.182	U	0.182	U	0.197	U	0.184	U	0.187	U	0.21	U	0.193	U	0.177	U	0.187	U	0.239	U	0.183	U	0.182	U	0.189	U	0.22	U	0.19	U	0.2	U
2,4-D			mg/kg	0.18	U	0.198	U	0.175	U	0.182	U	0.182	U	0.197	U	0.184	U	0.187	U	0.21	U	0.193	U	0.177	U	0.187	U	0.239	U	0.183	U	0.182	U	0.189	U	0.22	U	0.19	U	0.2	U
Organochlorine Pesticides by GC																																									
4,4'-DDD	13	0.0033	mg/kg	0.00171	U	0.00186	U	0.00163	U	0.00177	U	0.00171	U	0.00188	U	0.00178	U	0.0395	P	0.00193	U	0.00183	U	0.00166	U	0.00183	U	0.00222	U	0.0017	U	0.00169	U	0.00143	J	0.00214	U	0.00177	U	0.00191	U
4,4'-DDE	8.9	0.0033	mg/kg	0.00171	U	0.00186	U	0.00163	U	0.00177	U	0.00171	U	0.00188	U	0.00178	U	0.0132	P	0.00193	U	0.00183	U	0.00166	U	0.00183	U	0.00222	U	0.0017	U	0.000468	J	0.00181	U	0.00214	U	0.00177	U	0.00191	U
4,4'-DDT	7.9	0.0033	mg/kg	0.00321	U	0.00349	U	0.00306	U	0.00333	U	0.0032	U	0.00353	U	0.00333	U	0.033	P	0.00362	U	0.00344	U	0.00312	U	0.00343	U	0.00417	U	0.00319	U	0.00317	U	0.0034	U	0.00401	U	0.00332	U	0.00358	U
Aldrin	0.097	0.005	mg/kg	0.00171	U	0.00186	U	0.00163	U	0.00177	U	0.00171	U	0.00188	U	0.00178	U	0.00176	U	0.00193	U	0.00183	U	0.00166	U	0.00183	U	0.00222	U	0.0017	U	0.00169	U	0.00181	U	0.00214	U	0.00177	U	0.00191	U
Alpha-BHC	0.48	0.02	mg/kg	0.000712	U	0.000776	U	0.00068	U	0.000739	U	0.000711	U	0.000784	U	0.00074	U	0.000735	U	0.000804	U	0.000764	U	0.000694	U	0.000763	U	0.000926	U	0.000709	U	0.000704	U	0.000756	U	0.000891	U	0.000739	U	0.000796	U
Beta-BHC	0.36	0.036	mg/kg	0.00171	U	0.00186	U	0.00163	U	0.00177	U	0.00171	U	0.00188	U	0.00178	U	0.00176	U	0.00193	U	0.00183	U	0.00166	U	0.00183	U	0.00222	U	0.0017	U	0.00169	U	0.00181	U	0.00214	U	0.00177	U	0.00191	U
Chlordane			mg/kg	0.0142	U	0.0155	U	0.0136	U	0.0148	U	0.0142	U	0.0157	U	0.0148	U	0.175	P	0.0161	U	0.0153	U	0.0139	U	0.0152	U	0.0185	U	0.0142	U	0.0141	U	0.0151	U	0.0178	U	0.0148	U	0.0159	U
cis-Chlordane	4.2	0.094	mg/kg	0.00214	U	0.00233	U	0.00204	U	0.00222	U	0.00213	U	0.00235	U	0.00222	U	0.0168	P	0.00241	U	0.00229	U	0.00208	U	0.00229	U	0.00278	U	0.00213	U	0.00211	U	0.00463		0.00267	U	0.00222	U	0.00239	U
Delta-BHC	100	0.04	mg/kg	0.00171	U	0.00186	U	0.00163	U	0.00177	U	0.00171	U	0.00188	U	0.00178	U	0.00176	U	0.00193	U	0.00183	U	0.00166	U	0.00183	U	0.00222	U	0.0017	U	0.00169	U	0.00181	U	0.00214	U	0.00177	U	0.00191	U
Dieldrin	0.2	0.005	mg/kg	0.00107	U	0.00116	U	0.00102	U	0.00111	U	0.00107	U	0.00118	U	0.00111	U	0.0011	U	0.00121	U	0.00115	U	0.00104	U	0.00114	U	0.00139	U	0.00106	U	0.00106	U	0.00955		0.00134	U	0.00111	U	0.00119	U
Endosulfan I	24	2.4	mg/kg	0.00171	U	0.00186	U	0.00163	U	0.00177	U	0.00171	U	0.00188	U	0.00178	U	0.00176	U	0.00193	U	0.00183	U	0.00166	U	0.00183	U	0.00222	U	0.0017	U	0.00169	U	0.00181	U	0.00214	U	0.00177	U	0.00191	U
Endosulfan II	24	2.4	mg/kg	0.00171	U	0.00186	U	0.00163	U	0.00177	U	0.00171	U	0.00188	U	0.00178	U	0.00176	U	0.00193	U	0.00183	U	0.00166	U	0.00183	U	0.00222	U	0.0017	U	0.00169	U	0.00181	U	0.00214	U	0.00177	U	0.00191	U
Endosulfan sulfate	24	2.4	mg/kg	0.000712	U	0.000776	U	0.00068	U	0.000739	U	0.000711	U	0.000784	U	0.00074	U	0.000735	U	0.000804	U	0.000764	U	0.000694	U	0.000763	U	0.000926	U	0.000709	U	0.000704	U	0.00088	IP	0.000891	U	0.000739	U	0.000796	U
Endrin	11	0.014	mg/kg	0.000712	U	0.000776	U	0.00068	U	0.000739	U	0.000711	U	0.000784	U	0.00074	U	0.000735	U	0.000804	U	0.000764	U	0.000694	U	0.000763	U	0.000926	U	0.000709	U	0.000704	U	0.000756	U	0.000891	U	0.000739	U	0.000796	U
Endrin aldehyde			mg/kg	0.00214	U	0.00233	U	0.00204	U	0.00222	U	0.00213	U	0.00235	U	0.00222	U	0.0022	U	0.00241	U	0.00229	U	0.00208	U	0.00229	U	0.00278	U	0.00211	U	0.00227	U	0.00267	U	0.00222	U	0.00239	U		
Endrin ketone			mg/kg	0.00171	U	0.00186	U	0.00163	U	0.00177	U	0.00171	U	0.00188	U	0.00178	U	0.00176	U	0.00193	U	0.00183	U	0.00166	U	0.00183	U	0.00222	U	0.0017	U	0.00169	U	0.00181	U	0.00214	U	0.00177	U	0.00191	U
Heptachlor	2.1	0.042	mg/kg	0.000855	U	0.000931	U	0.000816	U	0.000887	U	0.000853	U	0.00094	U	0.000888	U	0.000882	U	0.000965	U	0.000917	U	0.000833	U	0.000915	U	0.00111	U	0.000851	U	0.000845	U	0.000907	U	0.00107	U	0.000887	U	0.000955	U
Heptachlor epoxide			mg/kg	0.00321	U	0.00349	U	0.00306	U	0.00333	U	0.0032	U	0.00353	U	0.00333	U	0.00288	JP	0.00362	U	0.00344	U	0.00312	U	0.00343	U	0.00417	U	0.00319	U	0.00317	U	0.0034	U	0.00401	U	0.00332	U	0.00358	U
Lindane	1.3	0.1	mg/kg	0.000712	U	0.000776	U	0.00068	U	0.000739	U	0.000711	U	0.000784	U	0.00074	U	0.000735	U	0.000804	U	0.000764	U	0.000694	U	0.000763	U	0.000926	U	0.000709	U	0.000704	U	0.000756	U	0.000891	U	0.000739	U	0.000796	U
Methoxychlor			mg/kg	0.00321	U	0.00349	U	0.00306	U	0.00333	U	0.0032	U	0.00353	U	0.00333	U	0.00331	U	0.00362	U	0.00344	U	0.00312	U	0.00343	U	0.00417	U	0.00319	U	0.00317	U	0.0034	U	0.00401	U	0.00332	U	0.00358	U
Toxaphene			mg/kg	0.0321	U	0.0349	U	0.0306	U	0.0333	U	0.032	U	0.0353	U	0.0333	U	0.0331	U	0.0362	U	0.0344	U	0.0312	U	0.0343	U	0.0417	U	0.0319	U	0.0317	U	0.034	U	0.0401	U	0.0332	U	0.0358	U
trans-Chlordane			mg/kg	0.00214	U	0.00233	U	0.00204	U	0.00222	U	0.00213	U	0.00235	U	0.00222	U	0.0156	P	0.00241	U	0.00229	U	0.00208	U	0.00229	U	0.00278	U	0.00213	U	0.00211	U	0.00485		0.00267	U	0.00222	U	0.00239	U

- Notes:
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Table 4D. Remedial Investigation - Pesticides and Herbicides Analytical Results in Soil
 River North Site
 178, 194 Richmond Terrace 8 Stuyvesant Place, Staten Island, NY
 BCP Site C243045

LOCATION	SB-41 (2-4')	SB-42 (0-2')	SB-42 (2-4')	SB-43 (0-2')	SB-43 (2-4')	SB-44 (0-2')	SB-44 (2-4')	SB-45 (0-2')	SB-45 (2-4')	SB-46 (0-2')	SB-46 (2-4')	SB-47 (0-2')	SB-47 (2-4')	SB-48 (0-2')	SB-49 (0-2')	SB-49 (2-4')	SB-50 (0-2')	SB-50 (2-4')	SB-51 (0-2')	SB-51 (2-4')	SB-52 (0-2')																								
SAMPLING DATE	6/7/2022	6/7/2022	6/7/2022	6/10/2022	6/10/2022	6/9/2022	6/9/2022	6/9/2022	6/9/2022	6/9/2022	6/10/2022	6/10/2022	6/10/2022	6/13/2022	6/7/2022	6/7/2022	6/7/2022	6/7/2022	6/7/2022	6/7/2022	6/7/2022																								
LAB SAMPLE ID	L2229886-02	L2229886-03	L2229886-04	L2231077-17	L2231077-18	L2230668-15	L2230668-16	L2230668-17	L2230668-18	L2230668-19	L2230668-20	L2231077-19	L2231077-20	L2231315-14	L2229886-05	L2229886-06	L2229886-07	L2229886-08	L2229886-09	L2229886-10	L2229886-11																								
SAMPLE TYPE	SOIL																																												
Chlorinated Herbicides by GC	NY-RESRR	NY-UNRES	Units	Results	Qual																																								
2,4,5-T			mg/kg	0.19	U	0.196	U	0.189	U	0.206	U	0.205	U	0.175	U	0.185	U	0.195	U	0.189	U	0.198	U	0.194	U	0.196	U	0.2	U	0.196	U	0.188	U	0.198	U	0.188	U	0.194	U	0.195	U	0.203	U	0.195	U
2,4,5-TP (Silvex)	100	3.8	mg/kg	0.19	U	0.196	U	0.189	U	0.206	U	0.205	U	0.175	U	0.185	U	0.195	U	0.189	U	0.198	U	0.194	U	0.196	U	0.2	U	0.196	U	0.188	U	0.198	U	0.188	U	0.194	U	0.195	U	0.203	U	0.195	U
2,4-D			mg/kg	0.19	U	0.196	U	0.189	U	0.206	U	0.205	U	0.175	U	0.185	U	0.195	U	0.189	U	0.198	U	0.194	U	0.196	U	0.2	U	0.196	U	0.188	U	0.198	U	0.188	U	0.194	U	0.195	U	0.203	U	0.195	U
Organochlorine Pesticides by GC																																													
4,4'-DDD	13	0.0033	mg/kg	0.00182	U	0.00185	U	0.00174	U	0.00192	U	0.00193	U	0.00739		0.00173	U	0.00215		0.00184	U	0.0019	U	0.00188	U	0.00184	U	0.00196	U	0.00186	U	0.00141	J	0.0007	J	0.00174	U	0.00181	U	0.00182	U	0.00195	U	0.00183	U
4,4'-DDE	8.9	0.0033	mg/kg	0.00779	IP	0.00185	U	0.00084	J	0.0118		0.00193	U	0.00374		0.000857	J	0.0138		0.00701		0.00493		0.00173	J	0.000765	J	0.00356	U	0.00447		0.00393		0.00174	U	0.00181	U	0.00369		0.00167	JIP	0.00183	U		
4,4'-DDT	7.9	0.0033	mg/kg	0.04	P	0.00346	U	0.00326	U	0.0118		0.00362	U	0.0018	JIP	0.00325	U	0.00835	IP	0.00191	J	0.00219	J	0.00353	U	0.00182	J	0.00248	JIP	0.00348	U	0.0119		0.00683		0.00326	U	0.0034	U	0.00991		0.00507	P	0.0039	IP
Aldrin	0.097	0.005	mg/kg	0.00182	U	0.00185	U	0.00174	U	0.00192	U	0.00193	U	0.00169	U	0.00173	U	0.00187	U	0.00184	U	0.0019	U	0.00188	U	0.00184	U	0.00196	U	0.00186	U	0.00176	U	0.00185	U	0.00174	U	0.00181	U	0.00182	U	0.00195	U	0.00183	U
Alpha-BHC	0.48	0.02	mg/kg	0.00076	U	0.00077	U	0.000725	U	0.0008	U	0.000805	U	0.000703	U	0.000722	U	0.000779	U	0.000764	U	0.000792	U	0.000784	U	0.000767	U	0.000816	U	0.000774	U	0.000732	U	0.000772	U	0.000723	U	0.000756	U	0.000757	U	0.000812	U	0.000762	U
Beta-BHC	0.36	0.036	mg/kg	0.00182	U	0.00185	U	0.00174	U	0.00192	U	0.00193	U	0.00169	U	0.00173	U	0.00187	U	0.00184	U	0.0019	U	0.00188	U	0.00184	U	0.00196	U	0.00186	U	0.00176	U	0.00185	U	0.00174	U	0.00181	U	0.00182	U	0.00195	U	0.00183	U
Chlordane			mg/kg	0.173	P	0.0154	U	0.0145	U	0.016	U	0.0161	U	0.0718		0.0144	U	0.0156	U	0.0153	U	0.0158	U	0.0157	U	0.0153	U	0.0163	U	0.0155	U	0.0146	U	0.0154	U	0.0145	U	0.0151	U	0.0162	U	0.0152	U		
cis-Chlordane	4.2	0.094	mg/kg	0.0152		0.00231	U	0.00218	U	0.000931	JIP	0.00241	U	0.0116		0.00217	U	0.00162	JIP	0.00229	U	0.00238	U	0.00235	U	0.0023	U	0.00245	U	0.00232	U	0.000804	JIP	0.00231	U	0.00217	U	0.00227	U	0.000941	JIP	0.00244	U	0.00229	U
Delta-BHC	100	0.04	mg/kg	0.00182	U	0.00185	U	0.00174	U	0.00192	U	0.00193	U	0.00169	U	0.00173	U	0.00187	U	0.00184	U	0.0019	U	0.00188	U	0.00184	U	0.00196	U	0.00186	U	0.00176	U	0.00185	U	0.00174	U	0.00181	U	0.00182	U	0.00195	U	0.00183	U
Dieldrin	0.2	0.005	mg/kg	0.00114	U	0.00115	U	0.00109	U	0.0012	U	0.00121	U	0.027		0.00133	U	0.00276	IP	0.00115	U	0.00119	U	0.00118	U	0.00115	U	0.00122	U	0.00116	U	0.00121		0.00116	U	0.00108	U	0.00113	U	0.00114	U	0.00122	U	0.00114	U
Endosulfan I	24	2.4	mg/kg	0.00182	U	0.00185	U	0.00174	U	0.00192	U	0.00193	U	0.00169	U	0.00173	U	0.00187	U	0.00184	U	0.0019	U	0.00188	U	0.00184	U	0.00196	U	0.00186	U	0.00176	U	0.00185	U	0.00174	U	0.00181	U	0.00182	U	0.00195	U	0.00183	U
Endosulfan II	24	2.4	mg/kg	0.00182	U	0.00185	U	0.00174	U	0.00192	U	0.00193	U	0.00169	U	0.00173	U	0.00187	U	0.00184	U	0.0019	U	0.00188	U	0.00184	U	0.00196	U	0.00186	U	0.00176	U	0.00185	U	0.00174	U	0.00181	U	0.00182	U	0.00195	U	0.00183	U
Endosulfan sulfate	24	2.4	mg/kg	0.00076	U	0.00077	U	0.000725	U	0.0008	U	0.000805	U	0.000703	U	0.000722	U	0.000779	U	0.000764	U	0.000792	U	0.000784	U	0.000767	U	0.000816	U	0.000774	U	0.000732	U	0.000772	U	0.000723	U	0.000756	U	0.000757	U	0.000812	U	0.000762	U
Endrin	11	0.014	mg/kg	0.00076	U	0.00077	U	0.000725	U	0.0008	U	0.000805	U	0.000703	U	0.000722	U	0.000779	U	0.000764	U	0.000792	U	0.000784	U	0.000767	U	0.000816	U	0.000774	U	0.000732	U	0.000772	U	0.000723	U	0.000756	U	0.000757	U	0.000812	U	0.000762	U
Endrin aldehyde			mg/kg	0.00228	U	0.00231	U	0.00218	U	0.0024	U	0.00211	U	0.00217	U	0.00234	U	0.00229	U	0.00238	U	0.00235	U	0.0023	U	0.00245	U	0.00232	U	0.00219	U	0.00231	U	0.00217	U	0.00227	U	0.00227	U	0.00227	U	0.00244	U	0.00229	U
Endrin ketone			mg/kg	0.00182	U	0.00185	U	0.00174	U	0.00192	U	0.00193	U	0.00169	U	0.00173	U	0.00187	U	0.00184	U	0.0019	U	0.00188	U	0.00184	U	0.00196	U	0.00186	U	0.00176	U	0.00185	U	0.00174	U	0.00181	U	0.00182	U	0.00195	U	0.00183	U
Heptachlor	2.1	0.042	mg/kg	0.000912	U	0.000924	U	0.00087	U	0.000961	U	0.000966	U	0.000844	U	0.000867	U	0.000935	U	0.000918	U	0.000951	U	0.000941	U	0.000921	U	0.00098	U	0.000929	U	0.000878	U	0.000926	U	0.000868	U	0.000907	U	0.000909	U	0.000975	U	0.000914	U
Heptachlor epoxide			mg/kg	0.00342	U	0.00346	U	0.00326	U	0.0036	U	0.00362	U	0.00316	U	0.00325	U	0.00344	U	0.00356	U	0.00353	U	0.00344	U	0.00344	U	0.00356	U	0.00353	U	0.00345	U	0.00367	U	0.00348	U	0.00347	U	0.00347	U	0.00346	U	0.00343	U
Lindane	1.3	0.1	mg/kg	0.00076	U	0.00077	U	0.000725	U	0.0008	U	0.000805	U	0.000703	U	0.000722	U	0.000779	U	0.000764	U	0.000792	U	0.000784	U	0.000767	U	0.000816	U	0.000774	U	0.000732	U	0.000772	U	0.000723	U	0.000756	U	0.000757	U	0.000812	U	0.000762	U
Methoxychlor			mg/kg	0.00342	U	0.00346	U	0.00326	U	0.0036	U	0.00362	U	0.00316	U	0.00325	U	0.00344	U	0.00356	U	0.00353	U	0.00344	U	0.00344	U	0.00356	U	0.00353	U	0.00345	U	0.00367	U	0.00348	U	0.00347	U	0.00346	U	0.00343	U		
Toxaphene			mg/kg	0.0342	U	0.0346	U	0.0326	U	0.036	U	0.0362	U	0.0316	U	0.0325	U	0.0344	U	0.0356	U	0.0353	U	0.0344	U	0.0344	U	0.0356	U	0.0353	U	0.0345	U	0.0367	U	0.0348	U	0							

Table 4D. Remedial Investigation - Pesticides and Herbicides Analytical Results in Soil
 River North Site
 178, 194 Richmond Terrace 8 Stuyvesant Place, Staten Island, NY
 BCP Site C243045

LOCATION	SB-52 (2-4')		SB-53 (0-2')		SB-54 (0-2')		SB-55 (0-2')		SB-56 (0-2')		DUP-1 (0-2')		DUP-2 (2-4')		DUP-3 (0-2')		DUP-4 (2-4')		DUP-5 (2-4')				
SAMPLING DATE	6/7/2022		6/14/2022		6/14/2022		6/14/2022		6/14/2022		6/9/2022		6/9/2022		6/9/2022		6/9/2022		6/9/2022				
LAB SAMPLE ID	L2229886-12		L2231549-05		L2231549-06		L2231549-07		L2231549-08		L2230668-21		L2230668-22		L2230668-23		L2230668-24		L2230668-25				
SAMPLE TYPE	SOIL																						
	NY-RESRR	NY-UNRES	Units	Results	Qual	Results	Qual																
Chlorinated Herbicides by GC																							
2,4,5-T			mg/kg	0.196	U	0.206	U	0.198	U	0.183	U	0.185	U	0.18	U	0.187	U	0.196	U	0.191	U	0.184	U
2,4,5-TP (Silvex)	100	3.8	mg/kg	0.196	U	0.206	U	0.198	U	0.183	U	0.185	U	0.18	U	0.187	U	0.196	U	0.191	U	0.184	U
2,4-D			mg/kg	0.196	U	0.206	U	0.198	U	0.183	U	0.185	U	0.18	U	0.187	U	0.196	U	0.191	U	0.184	U
Organochlorine Pesticides by GC																							
4,4'-DDD	13	0.0033	mg/kg	0.0019	U	0.00193	U	0.00191	U	0.0018	U	0.00171		0.00416	I	0.00159	J	0.00186	U	0.00196		0.00171	U
4,4'-DDE	8.9	0.0033	mg/kg	0.00156	JIP	0.00122	J	0.00148	J	0.0108		0.0241		0.000705	JIP	0.00232	IP	0.0087		0.0221		0.00171	U
4,4'-DDT	7.9	0.0033	mg/kg	0.00495		0.00251	JIP	0.00343	JIP	0.0131		0.0573		0.00316	U	0.00335	U	0.00986		0.0184		0.0032	U
Aldrin	0.097	0.005	mg/kg	0.0019	U	0.00193	U	0.00191	U	0.0018	U	0.00171	U	0.00168	U	0.00179	U	0.00186	U	0.00175	U	0.00171	U
Alpha-BHC	0.48	0.02	mg/kg	0.00079	U	0.000804	U	0.000794	U	0.000749	U	0.000714	U	0.000702	U	0.000745	U	0.000777	U	0.000731	U	0.000712	U
Beta-BHC	0.36	0.036	mg/kg	0.0019	U	0.00193	U	0.00191	U	0.0018	U	0.00171	U	0.00168	U	0.00179	U	0.00186	U	0.00175	U	0.00171	U
Chlordane			mg/kg	0.0158	U	0.0161	U	0.0159	U	0.015	U	0.0143	U	0.014	U	0.0149	U	0.0155	U	0.0146	U	0.0372	
cis-Chlordane	4.2	0.094	mg/kg	0.00237	U	0.00241	U	0.00238	U	0.000722	JIP	0.00134	JIP	0.00211	U	0.00223	U	0.0016	JIP	0.00113	JIP	0.0037	IP
Delta-BHC	100	0.04	mg/kg	0.0019	U	0.00193	U	0.00191	U	0.0018	U	0.00171	U	0.00168	U	0.00179	U	0.00186	U	0.00175	U	0.00171	U
Dieldrin	0.2	0.005	mg/kg	0.00118	U	0.00121	U	0.00119	U	0.00112	U	0.00107	U	0.0032	I	0.00122		0.0011	JIP	0.00123	IP	0.00107	U
Endosulfan I	24	2.4	mg/kg	0.0019	U	0.00193	U	0.00191	U	0.0018	U	0.00171	U	0.00168	U	0.00179	U	0.00186	U	0.00175	U	0.00171	U
Endosulfan II	24	2.4	mg/kg	0.0019	U	0.00193	U	0.00191	U	0.0018	U	0.00171	U	0.00168	U	0.00179	U	0.00186	U	0.00175	U	0.00171	U
Endosulfan sulfate	24	2.4	mg/kg	0.00079	U	0.000804	U	0.000794	U	0.000749	U	0.00138	IP	0.000336	JIP	0.000745	U	0.000777	U	0.000731	U	0.000712	U
Endrin	11	0.014	mg/kg	0.00079	U	0.000804	U	0.000794	U	0.000749	U	0.000714	U	0.000702	U	0.000745	U	0.000777	U	0.000731	U	0.000712	U
Endrin aldehyde			mg/kg	0.00237	U	0.00241	U	0.00238	U	0.00224	U	0.00214	U	0.00211	U	0.00223	U	0.00233	U	0.00219	U	0.00213	U
Endrin ketone			mg/kg	0.0019	U	0.00193	U	0.00191	U	0.0018	U	0.00171	U	0.00168	U	0.00179	U	0.00186	U	0.00175	U	0.00171	U
Heptachlor	2.1	0.042	mg/kg	0.000948	U	0.000965	U	0.000953	U	0.000898	U	0.000857	U	0.000843	U	0.000894	U	0.000932	U	0.000877	U	0.000533	J
Heptachlor epoxide			mg/kg	0.00355	U	0.00362	U	0.00357	U	0.00337	U	0.00321	U	0.00316	U	0.00335	U	0.00349	U	0.00329	U	0.0032	U
Lindane	1.3	0.1	mg/kg	0.00079	U	0.000804	U	0.000794	U	0.000749	U	0.000714	U	0.000702	U	0.000745	U	0.000777	U	0.000731	U	0.000712	U
Methoxychlor			mg/kg	0.00355	U	0.00362	U	0.00357	U	0.00337	U	0.00321	U	0.00316	U	0.00335	U	0.00349	U	0.00329	U	0.0032	U
Toxaphene			mg/kg	0.0355	U	0.0362	U	0.0357	U	0.0337	U	0.0321	U	0.0316	U	0.0335	U	0.0349	U	0.0329	U	0.032	U
trans-Chlordane			mg/kg	0.00164	JIP	0.00241	U	0.000763	J	0.000712	J	0.0016	J	0.00211	U	0.00097	JIP	0.00332		0.00187	J	0.00565	

- Notes:**
1. NY-RESRR = NYSDEC Part 375 Restricted-Use Residential SCO
 2. NY-UNRES = NYSDEC Part 375 Unrestricted Use SCO
 3. Exceedances of NY-RESRR are shaded yellow
 4. Exceedances of NY-UNRES are shaded gray
 5. U = Non-detect
 6. J = Estimated Value
 7. I = The lower value for the two columns has been reported due to obvious interference
 8. P = The RPD between the results for the two columns exceeds the method-specific criteria
 9. mg/kg = milligrams per kilogram

Table 4E. Remedial Investigation - Emerging Contaminants Analytical Results in Soil
 River North Site
 178, 194 Richmond Terrace 8 Stuyvesant Place, Staten Island, NY
 BCP Site C243045

LOCATION	SB-2(2-4')		SB-2(2-4')		SB-2(4-6')		SB-6 (2-4')		SB-6 (4-6')		SB-8(2-4')		SB-8(4-6')		SB-10(2-4')		SB-10(4-6')		SB-13 (13-15')		SB-13 (15-17')		SB-14 (2-4')		SB-14 (4-6')		SB-18(3-5')		SB-18(11-13')		SB-19(1-3')		SB-19(3-5')		SB-20(8-10')		SB-20(13-15')			
SAMPLING DATE	6/13/2022		6/13/2022		6/13/2022		6/10/2022		6/10/2022		6/13/2022		6/13/2022		6/13/2022		6/13/2022		6/9/2022		6/9/2022		6/10/2022		6/10/2022		6/13/2022		6/13/2022		6/13/2022		6/13/2022		6/13/2022		6/13/2022			
LAB SAMPLE ID	L2231315-12		L2231315-12 R2		L2231315-13		L2231077-01		L2231077-02		L2231315-16		L2231315-17		L2231315-10		L2231315-11		L2230668-01		L2230668-02		L2231077-03		L2231077-04		L2231315-19		L2231315-18		L2231315-06		L2231315-07		L2231315-04		L2231315-05			
SAMPLE TYPE	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	
Perfluorinated Alkyl Acids by Isotope Dilution																																								
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	mg/kg	0.00205	U	-	-	0.00207	U	0.000564	U	0.000579	U	0.000581	U	0.000542	U	0.000562	U	0.000562	U	0.000491	U	0.000493	U	0.000498	U	0.000533	U	0.000537	U	0.00053	U	0.000528	U	0.0022	U	0.00217	U	0.00202	U	
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	mg/kg	0.00205	U	-	-	0.00207	U	0.000564	U	0.000579	U	0.000581	U	0.000542	U	0.000562	U	0.000562	U	0.000491	U	0.000493	U	0.000498	U	0.000533	U	0.000537	U	0.00053	U	0.000528	U	0.0022	U	0.00217	U	0.00202	U	
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	mg/kg	0.000534	U	-	-	0.00207	U	0.000564	U	0.000579	U	0.000581	U	0.000542	U	0.000562	U	0.000562	U	0.000491	U	0.000124	J	0.000498	U	0.000533	U	0.000537	U	0.00053	U	0.000528	U	0.0022	U	0.000548	U	0.00202	U	
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	mg/kg	0.000534	U	-	-	0.00207	U	0.000564	U	0.000579	U	0.000581	U	0.000542	U	0.000562	U	0.000562	U	0.000491	U	0.000493	U	0.000498	U	0.000533	U	0.000537	U	0.00053	U	0.000528	U	0.0022	U	0.000548	U	0.00202	U	
Perfluorobutanesulfonic Acid (PFBS)	mg/kg	0.000267	U	-	-	0.00103	U	0.000282	U	0.00029	U	0.000291	U	0.000271	U	0.000281	U	0.000281	U	0.000245	U	0.000247	U	0.000249	U	0.000267	U	0.000269	U	0.000265	U	0.000264	U	0.0011	U	0.000274	U	0.00101	U	
Perfluorobutanoic Acid (PFBA)	mg/kg	0.000534	U	-	-	0.00207	U	0.000166	J	0.000171	J	0.000169	J	0.000542	U	0.000562	U	0.000562	U	0.000491	U	0.000493	U	0.000173	J	0.00007	J	0.000537	U	0.00053	U	0.000528	U	0.0022	U	0.000548	U	0.00202	U	
Perfluorodecanesulfonic Acid (PFDS)	mg/kg	0.000534	U	-	-	0.00207	U	0.000564	U	0.000579	U	0.000581	U	0.000542	U	0.000562	U	0.000562	U	0.000491	U	0.000493	U	0.000498	U	0.000533	U	0.000537	U	0.00053	U	0.000528	U	0.0022	U	0.000548	U	0.00202	U	
Perfluorodecanoic Acid (PFDA)	mg/kg	0.000267	U	-	-	0.00103	U	0.00196		0.000321		0.000244	J	0.000271	U	0.000281	U	0.000281	U	0.000245	U	0.000084	J	0.00007	JF	0.000267	U	0.000269	U	0.000265	U	0.000264	U	0.0011	U	0.000274	U	0.00101	U	
Perfluorododecanoic Acid (PFDoA)	mg/kg	0.000534	U	-	-	0.00207	U	0.000564	U	0.000579	U	0.000127	J	0.000542	U	0.000562	U	0.000562	U	0.000491	U	0.000493	U	0.000498	U	0.000533	U	0.000537	U	0.00053	U	0.000528	U	0.0022	U	0.000548	U	0.00202	U	
Perfluoroheptanesulfonic Acid (PFHpS)	mg/kg	0.000534	U	-	-	0.00207	U	0.000564	U	0.000579	U	0.000581	U	0.000542	U	0.000562	U	0.000562	U	0.000491	U	0.000493	U	0.000498	U	0.000533	U	0.000537	U	0.00053	U	0.000528	U	0.0022	U	0.000548	U	0.00202	U	
Perfluoroheptanoic Acid (PFHpA)	mg/kg	0.000267	U	-	-	0.00103	U	0.000176	J	0.0001	J	0.00007	J	0.000271	U	0.000281	U	0.000281	U	0.000245	U	0.000247	U	0.000092	J	0.000267	U	0.000269	U	0.000049	J	0.000264	U	0.0011	U	0.000274	U	0.00101	U	
Perfluorohexanesulfonic Acid (PFHxS)	mg/kg	0.000267	U	-	-	0.00103	U	0.000282	U	0.00029	U	0.000291	U	0.000271	U	0.000281	U	0.000281	U	0.000245	U	0.00016	J	0.000249	U	0.000267	U	0.000269	U	0.000265	U	0.000264	U	0.0011	U	0.000274	U	0.00101	U	
Perfluorohexanoic Acid (PFHxA)	mg/kg	0.000534	U	-	-	0.00207	U	0.000197	J	0.000094	J	0.000096	JF	0.000542	U	0.000562	U	0.000562	U	0.000491	U	0.000493	U	0.000106	J	0.000533	U	0.000537	U	0.00053	U	0.000528	U	0.0022	U	0.000548	U	0.00202	U	
Perfluorononanoic Acid (PFNA)	mg/kg	0.000267	U	-	-	0.00103	U	0.000219	J	0.000094	J	0.000141	J	0.000271	U	0.000281	U	0.000281	U	0.000245	U	0.000247	U	0.000285		0.000267	U	0.000269	U	0.000265	U	0.000264	U	0.0011	U	0.000274	U	0.00101	U	
Perfluorooctanesulfonamide (FOSA)	mg/kg	0.000534	U	-	-	0.00207	U	0.000153	JF	0.000579	U	0.000581	U	0.000542	U	0.000562	U	0.000562	U	0.000491	U	0.000493	U	0.000498	U	0.000533	U	0.000537	U	0.00053	U	0.000528	U	0.0022	U	0.000548	U	0.00202	U	
Perfluorooctanesulfonic Acid (PFOS)	mg/kg	0.000267	U	-	-	0.00103	U	0.00872		0.00596		0.000823		0.000271	U	0.000281	U	0.000281	U	0.000245	U	0.000136		0.000797		0.000267	U	0.00018	J	0.000265	U	0.000264	U	0.0011	U	0.000274	U	0.00101	U	
Perfluorooctanoic Acid (PFOA)	mg/kg	0.000079	J	-	-	0.000296	JF	0.000574		0.00073		0.00046		0.000067	J	0.000051	JF	0.000281	U	0.000286		0.0028		0.00194		0.0032		0.00142		0.00115		0.000117	J	0.0011	U	0.000115	J	0.00101	U	
Perfluoropentanoic Acid (PFPeA)	mg/kg	0.000534	U	-	-	0.00207	U	0.000405	J	0.000114	J	0.00014	J	0.000542	U	0.000562	U	0.000562	U	0.000491	U	0.000493	U	0.000206	J	0.000088	J	0.000537	U	0.00053	U	0.000528	U	0.0022	U	0.000548	U	0.00202	U	
Perfluorotetradecanoic Acid (PFTA)	mg/kg	0.000534	U	0.00205	U	0.00207	U	0.000117	JF	0.000579	U	0.000095	J	0.000542	U	0.00218	U	0.000562	U	0.000491	U	0.000493	U	0.000498	U	0.000533	U	0.000537	U	0.00053	U	0.000528	U	0.0022	U	0.00217	U	0.00202	U	
Perfluorotridecanoic Acid (PFTrDA)	mg/kg	0.000534	U	0.00205	U	0.00207	U	0.000564	U	0.000579	U	0.000581	U	0.000542	U	0.00218	U	0.000562	U	0.000491	U	0.000493	U	0.000498	U	0.000533	U	0.000537	U	0.00053	U	0.000528	U	0.0022	U	0.00217	U	0.00202	U	
Perfluoroundecanoic Acid (PFUnA)	mg/kg	0.000534	U	-	-	0.00207	U	0.000105	J	0.000055	JF	0.000181	J	0.000542	U	0.000562	U	0.000562	U	0.000491	U	0.000493	U	0.000498	U	0.000533	U	0.000537	U	0.00053	U	0.000528	U	0.0022	U	0.000548	U	0.00202	U	
PFOA/PFOS, Total	mg/kg	0.000079	J	-	-	0.000296	J	0.000929		0.00669		0.00128		0.000067	J	0.000051	J	0.000281	U	0.000286		0.00416		0.00274		0.0032		0.0016	J	0.00115		0.000117	J	0.0011	U	0.000115	J	0.00101	U	

- Notes:**
1. No current EPA Guidance for PFOA/PFAS
 2. U = Non-detect
 3. J = Estimated Value
 4. F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration
 5. mg/kg = milligrams per kilogram

Table 4E. Remedial Investigation - Emerging Contaminants Analytical Results in Soil
 River North Site
 178, 194 Richmond Terrace 8 Stuyvesant Place, Staten Island, NY
 BCP Site C243045

LOCATION	SB-21(8-10')	SB-21(13-15')	SB-22(8-10')	SB-22(10-12')	SB-23 (8-10')	SB-23 (12-14')	SB-24 (8-10')	SB-24 (15-17')	SB-25 (8-10')	SB-25(13-15')	SB-26 (5-7')	SB-26 (8-10')	SB-27 (3-5')	SB-27 (6-8')	SB-28 (8-10')	SB-28 (10-12')	SB-29 (2-4')	SB-29 (13-15')	SB-29 (13-15')																				
SAMPLING DATE	6/13/2022	6/13/2022	6/13/2022	6/13/2022	6/10/2022	6/10/2022	6/10/2022	6/10/2022	6/10/2022	6/13/2022	6/10/2022	6/10/2022	6/10/2022	6/10/2022	6/10/2022	6/10/2022	6/9/2022	6/9/2022	6/9/2022																				
LAB SAMPLE ID	L2231315-02	L2231315-03	L2231315-08	L2231315-09	L2231077-05	L2231077-06	L2231077-07	L2231077-08	L2231077-09	L2231315-01	L2231077-11	L2231077-12	L2231077-13	L2231077-14	L2231077-15	L2231077-16	L2230668-03	L2230668-04	L2230668-04 R1																				
SAMPLE TYPE	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL																				
Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual																			
Perfluorinated Alkyl Acids by Isotope Dilution																																							
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	mg/kg	0.000527	U	0.000503	U	0.000566	U	0.000491	U	0.000543	U	0.000521	U	0.00056	U	0.000508	U	0.000558	U	0.000539	U	0.000563	U	0.000496	U	0.000552	U	0.000665	U	0.000533	U	0.000522	U	0.000562	U	0.00061	U	-	-
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	mg/kg	0.000527	U	0.000503	U	0.000566	U	0.000491	U	0.000543	U	0.000521	U	0.00056	U	0.000508	U	0.000558	U	0.000539	U	0.000563	U	0.000496	U	0.000552	U	0.000665	U	0.000533	U	0.000522	U	0.000562	U	0.00061	U	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	mg/kg	0.000527	U	0.000503	U	0.000566	U	0.000491	U	0.000543	U	0.000521	U	0.00056	U	0.000508	U	0.000558	U	0.000539	U	0.000563	U	0.000496	U	0.000552	U	0.000665	U	0.000533	U	0.000522	U	0.000562	U	0.00061	U	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	mg/kg	0.000527	U	0.000503	U	0.000566	U	0.000491	U	0.000543	U	0.000521	U	0.00056	U	0.000508	U	0.000558	U	0.000539	U	0.000563	U	0.000496	U	0.000552	U	0.000665	U	0.000533	U	0.000522	U	0.000562	U	0.00061	U	-	-
Perfluorobutanesulfonic Acid (PFBS)	mg/kg	0.000264	U	0.000251	U	0.000283	U	0.000245	U	0.000271	U	0.00026	U	0.00028	U	0.000254	U	0.000279	U	0.000269	U	0.000282	U	0.000248	U	0.000276	U	0.000332	U	0.000266	U	0.000261	U	0.000281	U	0.000305	U	-	-
Perfluorobutanoic Acid (PFBA)	mg/kg	0.000527	U	0.000503	U	0.000566	U	0.000491	U	0.000543	U	0.000521	U	0.00056	U	0.000508	U	0.000558	U	0.000539	U	0.000563	U	0.000186	J	0.000552	U	0.000665	U	0.000533	U	0.000522	U	0.000562	U	0.00061	U	-	-
Perfluorodecanesulfonic Acid (PFDS)	mg/kg	0.000527	U	0.000503	U	0.000566	U	0.000491	U	0.000543	U	0.000521	U	0.00056	U	0.000508	U	0.000558	U	0.000539	U	0.000563	U	0.000496	U	0.000552	U	0.000665	U	0.000533	U	0.000522	U	0.000562	U	0.00061	U	-	-
Perfluorodecanoic Acid (PFDA)	mg/kg	0.000264	U	0.000251	U	0.000283	U	0.000245	U	0.000271	U	0.00026	U	0.00028	U	0.000254	U	0.000279	U	0.000269	U	0.000282	U	0.000298	U	0.000276	U	0.000332	U	0.000266	U	0.000261	U	0.000281	U	0.000305	U	-	-
Perfluorododecanoic Acid (PFDoA)	mg/kg	0.000527	U	0.000503	U	0.000566	U	0.000491	U	0.000543	U	0.000521	U	0.00056	U	0.000508	U	0.000558	U	0.000539	U	0.000563	U	0.000128	JF	0.000552	U	0.000665	U	0.000533	U	0.000522	U	0.000562	U	0.00061	U	-	-
Perfluoroheptanesulfonic Acid (PFHpS)	mg/kg	0.000527	U	0.000503	U	0.000566	U	0.000491	U	0.000543	U	0.000521	U	0.00056	U	0.000508	U	0.000558	U	0.000539	U	0.000563	U	0.000496	U	0.000552	U	0.000665	U	0.000533	U	0.000522	U	0.000562	U	0.00061	U	-	-
Perfluoroheptanoic Acid (PFHpA)	mg/kg	0.000264	U	0.000251	U	0.000283	U	0.000245	U	0.000271	U	0.00026	U	0.00028	U	0.000254	U	0.000279	U	0.000269	U	0.000282	U	0.000088	J	0.000276	U	0.000332	U	0.000266	U	0.000261	U	0.000281	U	0.000305	U	-	-
Perfluorohexanesulfonic Acid (PFHxS)	mg/kg	0.000264	U	0.000251	U	0.000283	U	0.000245	U	0.000271	U	0.00026	U	0.00028	U	0.000254	U	0.000279	U	0.000269	U	0.000282	U	0.000248	U	0.000276	U	0.000332	U	0.000266	U	0.000261	U	0.000281	U	0.000305	U	-	-
Perfluorohexanoic Acid (PFHxA)	mg/kg	0.000527	U	0.000503	U	0.000566	U	0.000491	U	0.000543	U	0.000521	U	0.00056	U	0.000508	U	0.000558	U	0.000539	U	0.000563	U	0.000116	J	0.000552	U	0.000665	U	0.000533	U	0.000522	U	0.000562	U	0.00061	U	-	-
Perfluorononanoic Acid (PFNA)	mg/kg	0.000264	U	0.000251	U	0.000283	U	0.000245	U	0.000271	U	0.00026	U	0.000119	J	0.000254	U	0.000279	U	0.000269	U	0.000282	U	0.000251	U	0.000276	U	0.000332	U	0.000266	U	0.000261	U	0.000281	U	0.000305	U	-	-
Perfluorooctanesulfonamide (FOSA)	mg/kg	0.000527	U	0.000503	U	0.000566	U	0.000491	U	0.000543	U	0.000521	U	0.00056	U	0.000508	U	0.000558	U	0.000539	U	0.000563	U	0.000496	U	0.000552	U	0.000665	U	0.000533	U	0.000522	U	0.000562	U	0.00061	U	0.00061	U
Perfluorooctanesulfonic Acid (PFOS)	mg/kg	0.000207	J	0.000251	U	0.000283	U	0.000245	U	0.000271	U	0.000136	J	0.00028	U	0.000254	U	0.000183	J	0.000269	U	0.000282	U	0.00114	U	0.000276	U	0.000332	U	0.000266	U	0.000261	U	0.000379	U	0.000305	U	-	-
Perfluorooctanoic Acid (PFOA)	mg/kg	0.000467	U	0.000174	J	0.000283	U	0.000245	U	0.000084	J	0.00038	U	0.000837	U	0.00111	U	0.000266	J	0.00208	U	0.000086	J	0.00131	U	0.000077	J	0.000184	J	0.000321	U	0.000214	J	0.000518	U	0.000305	U	-	-
Perfluoropentanoic Acid (PFPeA)	mg/kg	0.000527	U	0.000503	U	0.000566	U	0.000491	U	0.000543	U	0.000521	U	0.00056	U	0.000508	U	0.000558	U	0.000539	U	0.000563	U	0.000247	J	0.000552	U	0.000665	U	0.000533	U	0.000522	U	0.000562	U	0.00061	U	-	-
Perfluorotetradecanoic Acid (PFTA)	mg/kg	0.000527	U	0.000503	U	0.000566	U	0.000491	U	0.000543	U	0.000521	U	0.00056	U	0.000508	U	0.000558	U	0.000539	U	0.000563	U	0.000122	J	0.000552	U	0.000665	U	0.000533	U	0.000522	U	0.000562	U	0.00061	U	-	-
Perfluorotridecanoic Acid (PFTrDA)	mg/kg	0.000527	U	0.000503	U	0.000566	U	0.000491	U	0.000543	U	0.000521	U	0.00056	U	0.000508	U	0.000558	U	0.000539	U	0.000563	U	0.000496	U	0.000552	U	0.000665	U	0.000533	U	0.000522	U	0.000562	U	0.00061	U	-	-
Perfluoroundecanoic Acid (PFUnA)	mg/kg	0.000527	U	0.000503	U	0.000566	U	0.000491	U	0.000543	U	0.000521	U	0.00056	U	0.000508	U	0.000558	U	0.000539	U	0.000563	U	0.000216	J	0.000552	U	0.000665	U	0.000533	U	0.000522	U	0.000562	U	0.00061	U	-	-
PFOA/PFOS, Total	mg/kg	0.000674	J	0.000174	J	0.000283	U	0.000245	U	0.000084	J	0.000516	J	0.000837	U	0.00111	U	0.000449	J	0.00208	U	0.000086	J	0.00245	U	0.000077	J	0.000184	J	0.000321	U	0.000214	J	0.000897	U	0.000305	U	-	-

- Notes:**
1. No current EPA Guidance for PFOA/PFAS
 2. U = Non-detect
 3. J = Estimated Value
 4. F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration
 5. mg/kg = milligrams per kilogram

Table 4E. Remedial Investigation - Emerging Contaminants Analytical Results in Soil
 River North Site
 178, 194 Richmond Terrace 8 Stuyvesant Place, Staten Island, NY
 BCP Site C243045

LOCATION	SB-30 (2-4')		SB-30 (16-18')		SB-31 (2-4')		SB-31 (11-13')		SB-32 (6-8')		SB-32 (8-10')		SB-33 (2-4')		SB-33 (16-18')		SB-34 (0-2')		SB-34 (10-12')		SB-35 (0-2')		SB-35 (8-10')		SB-36 (0-2')		SB-36 (3-5')		SB-37 (2-4')		SB-37 (7-9')		
SAMPLING DATE	6/9/2022		6/9/2022		6/9/2022		6/9/2022		6/9/2022		6/9/2022		6/9/2022		6/9/2022		6/9/2022		6/9/2022		6/9/2022		6/9/2022		6/9/2022		6/14/2022		6/14/2022				
LAB SAMPLE ID	L2230668-05		L2230668-06		L2230668-07		L2230668-08		L2230668-09		L2230668-10		L2230668-11		L2230668-12		L2230668-13		L2230668-14		L2230668-29		L2230668-30		L2230668-31		L2230668-32		L2231549-01		L2231549-02		
SAMPLE TYPE	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		
	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual		
Perfluorinated Alkyl Acids by Isotope Dilution																																	
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	mg/kg	0.000556	U	0.000556	U	0.000539	U	0.000487	U	0.00053	U	0.000547	U	0.000544	U	0.000568	U	0.000543	U	0.000574	U	0.000521	U	0.000533	U	0.000512	U	0.00055	U	0.000561	U	0.000575	U
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	mg/kg	0.000556	U	0.000556	U	0.000539	U	0.000487	U	0.00053	U	0.000547	U	0.000544	U	0.000568	U	0.000543	U	0.000574	U	0.000521	U	0.000533	U	0.000512	U	0.00055	U	0.000561	U	0.000575	U
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	mg/kg	0.000556	U	0.000556	U	0.000539	U	0.000487	U	0.00053	U	0.000547	U	0.000544	U	0.000568	U	0.000543	U	0.000574	U	0.000521	U	0.000533	U	0.000512	U	0.00055	U	0.000561	U	0.000575	U
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	mg/kg	0.000556	U	0.000556	U	0.000539	U	0.000487	U	0.00053	U	0.000547	U	0.000544	U	0.000568	U	0.000543	U	0.000574	U	0.000521	U	0.000533	U	0.000512	U	0.00055	U	0.000561	U	0.000575	U
Perfluorobutanesulfonic Acid (PFBS)	mg/kg	0.000278	U	0.00028	U	0.00027	U	0.000244	U	0.000265	U	0.000273	U	0.000272	U	0.000284	U	0.000271	U	0.000287	U	0.00026	U	0.000267	U	0.000256	U	0.000275	U	0.000281	U	0.000288	U
Perfluorobutanoic Acid (PFBA)	mg/kg	0.000556	U	0.000556	U	0.000539	U	0.000487	U	0.00053	U	0.000547	U	0.000544	U	0.000568	U	0.000543	U	0.000574	U	0.000521	U	0.000533	U	0.000512	U	0.00055	U	0.000561	U	0.000575	U
Perfluorodecanesulfonic Acid (PFDS)	mg/kg	0.000556	U	0.000556	U	0.000539	U	0.000487	U	0.00053	U	0.000547	U	0.000544	U	0.000568	U	0.000543	U	0.000574	U	0.000521	U	0.000533	U	0.000512	U	0.00055	U	0.000561	U	0.000575	U
Perfluorodecanoic Acid (PFDA)	mg/kg	0.000278	U	0.00028	U	0.00027	U	0.000244	U	0.000265	U	0.000273	U	0.000272	U	0.000284	U	0.000271	U	0.000287	U	0.00026	U	0.000267	U	0.000256	U	0.000275	U	0.000281	U	0.000288	U
Perfluorododecanoic Acid (PFDoA)	mg/kg	0.000556	U	0.000556	U	0.000539	U	0.000487	U	0.00053	U	0.000547	U	0.000544	U	0.000568	U	0.000543	U	0.000574	U	0.000521	U	0.000533	U	0.000512	U	0.00055	U	0.000561	U	0.000575	U
Perfluoroheptanesulfonic Acid (PFHpS)	mg/kg	0.000556	U	0.000556	U	0.000539	U	0.000487	U	0.00053	U	0.000547	U	0.000544	U	0.000568	U	0.000543	U	0.000574	U	0.000521	U	0.000533	U	0.000512	U	0.00055	U	0.000561	U	0.000575	U
Perfluoroheptanoic Acid (PFHpA)	mg/kg	0.000278	U	0.000127	J	0.00027	U	0.000071	J	0.000265	U	0.000273	U	0.000272	U	0.000284	U	0.000271	U	0.000287	U	0.00026	U	0.000267	U	0.000256	U	0.000275	U	0.000281	U	0.000288	U
Perfluorohexanesulfonic Acid (PFHxS)	mg/kg	0.000278	U	0.00028	U	0.00027	U	0.000244	U	0.000265	U	0.000273	U	0.000272	U	0.000284	U	0.000271	U	0.000287	U	0.00026	U	0.000267	U	0.000256	U	0.000275	U	0.000281	U	0.000288	U
Perfluorohexanoic Acid (PFHxA)	mg/kg	0.000556	U	0.000556	U	0.000539	U	0.000487	U	0.00053	U	0.000547	U	0.000544	U	0.000568	U	0.000543	U	0.000574	U	0.000521	U	0.000533	U	0.000512	U	0.00055	U	0.000561	U	0.000575	U
Perfluorononanoic Acid (PFNA)	mg/kg	0.000134	J	0.00028	U	0.00027	U	0.000244	U	0.000265	U	0.000273	U	0.000272	U	0.000284	U	0.000271	U	0.000287	U	0.00026	U	0.000267	U	0.000256	U	0.000275	U	0.000281	U	0.000288	U
Perfluorooctanesulfonamide (FOSA)	mg/kg	0.000556	U	0.000556	U	0.000539	U	0.000487	U	0.00053	U	0.000547	U	0.000544	U	0.000568	U	0.000543	U	0.000574	U	0.000521	U	0.000533	U	0.000512	U	0.00055	U	0.000561	U	0.000575	U
Perfluorooctanesulfonic Acid (PFOS)	mg/kg	0.000971		0.00028	U	0.000166	J	0.000244	U	0.000173	J	0.000152	J	0.000272	U	0.000284	U	0.00117		0.00117		0.000566		0.000474		0.000614		0.000764		0.000281	U	0.000288	U
Perfluorooctanoic Acid (PFOA)	mg/kg	0.000739		0.00241		0.00207		0.00273		0.000361	F	0.00113		0.000059	J	0.000743		0.00047		0.000797		0.00356		0.00108		0.000317	F	0.000662		0.000281	U	0.000288	U
Perfluoropentanoic Acid (PFPeA)	mg/kg	0.000556	U	0.000556	U	0.000539	U	0.000487	U	0.00053	U	0.000547	U	0.000544	U	0.000568	U	0.000543	U	0.000574	U	0.000521	U	0.000533	U	0.000512	U	0.00055	U	0.000561	U	0.000575	U
Perfluorotetradecanoic Acid (PFTA)	mg/kg	0.000556	U	0.000556	U	0.000539	U	0.000487	U	0.00053	U	0.000547	U	0.000544	U	0.000568	U	0.00167	U	0.00176	U	0.000521	U	0.000533	U	0.000512	U	0.00055	U	0.0018	U	0.00171	U
Perfluorotridecanoic Acid (PFTrDA)	mg/kg	0.000556	U	0.000556	U	0.000539	U	0.000487	U	0.00053	U	0.000547	U	0.000544	U	0.000568	U	0.00167	U	0.00176	U	0.000521	U	0.000533	U	0.000512	U	0.00055	U	0.0018	U	0.00171	U
Perfluoroundecanoic Acid (PFUnA)	mg/kg	0.000556	U	0.000556	U	0.000539	U	0.000487	U	0.00053	U	0.000547	U	0.000544	U	0.000568	U	0.000543	U	0.000574	U	0.000521	U	0.000533	U	0.000512	U	0.00055	U	0.000561	U	0.000575	U
PFOA/PFOS, Total	mg/kg	0.00171		0.00241		0.00224	J	0.00273		0.000534	J	0.00128	J	0.000059	J	0.000743		0.00164		0.00197		0.00413		0.00155		0.000931		0.00143		0.000281	U	0.000288	U

- Notes:**
1. No current EPA Guidance for PFOA/PFAS
 2. U = Non-detect
 3. J = Estimated Value
 4. F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration
 5. mg/kg = milligrams per kilogram

Table 4E. Remedial Investigation - Emerging Contaminants Analytical Results in Soil
 River North Site
 178, 194 Richmond Terrace 8 Stuyvesant Place, Staten Island, NY
 BCP Site C243045

LOCATION	SB-38 (6-8')		SB-38 (8-10')		SB-39 (3-5')		SB-39 (5-7')		SB-40(0-2')		SB-41 (0-2')		SB-41 (2-4')		SB-42 (0-2')		SB-42 (2-4')		SB-43 (0-2')		SB-43 (2-4')		SB-44 (0-2')		SB-44 (2-4')		SB-45 (0-2')		SB-45 (2-4')		SB-46 (0-2')		SB-46 (2-4')		SB-47 (0-2')		SB-47 (2-4')		
SAMPLING DATE	6/9/2022		6/9/2022		6/14/2022		6/14/2022		6/13/2022		6/7/2022		6/7/2022		6/7/2022		6/7/2022		6/10/2022		6/10/2022		6/9/2022		6/9/2022		6/9/2022		6/9/2022		6/9/2022		6/10/2022		6/10/2022				
LAB SAMPLE ID	L2230668-33		L2230668-34		L2231549-03		L2231549-04		L2231315-15		L2229886-01		L2229886-02		L2229886-03		L2229886-04		L2231077-17		L2231077-18		L2230668-15		L2230668-16		L2230668-17		L2230668-18		L2230668-19		L2230668-20		L2231077-19		L2231077-20		
SAMPLE TYPE	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		
	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual		
Perfluorinated Alkyl Acids by Isotope Dilution																																							
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	mg/kg	0.00051	U	0.000542	U	0.00057	U	0.000524	U	0.000601	U	0.000602	U	0.000559	U	0.00054	U	0.000527	U	0.000568	U	0.000602	U	0.000482	U	0.000544	U	0.000543	U	0.000515	U	0.000541	U	0.000537	U	0.000556	U	0.000595	U
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	mg/kg	0.00051	U	0.000542	U	0.00057	U	0.000524	U	0.000601	U	0.000602	U	0.000559	U	0.00054	U	0.000527	U	0.000568	U	0.000602	U	0.000482	U	0.000544	U	0.000543	U	0.000515	U	0.000541	U	0.000537	U	0.000556	U	0.000595	U
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	mg/kg	0.00051	U	0.000542	U	0.00057	U	0.000524	U	0.000601	U	0.000602	U	0.000559	U	0.00054	U	0.000527	U	0.000568	U	0.000602	U	0.000482	U	0.000544	U	0.000543	U	0.000515	U	0.000541	U	0.000537	U	0.000556	U	0.000595	U
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	mg/kg	0.00051	U	0.000542	U	0.00057	U	0.000524	U	0.000601	U	0.000602	U	0.000559	U	0.00054	U	0.000527	U	0.000568	U	0.000602	U	0.000482	U	0.000544	U	0.000543	U	0.000515	U	0.000541	U	0.000537	U	0.000556	U	0.000595	U
Perfluorobutanesulfonic Acid (PFBS)	mg/kg	0.000255	U	0.000271	U	0.000285	U	0.000262	U	0.0003	U	0.000301	U	0.00028	U	0.00027	U	0.000263	U	0.000284	U	0.000301	U	0.000241	U	0.000272	U	0.000257	U	0.00027	U	0.00027	U	0.000268	U	0.000278	U	0.000298	U
Perfluorobutanoic Acid (PFBA)	mg/kg	0.000025	J	0.000542	U	0.00057	U	0.000524	U	0.000601	U	0.000116	J	0.00011	J	0.000043	J	0.000042	J	0.000078	J	0.000066	J	0.000033	J	0.000544	U	0.000129	J	0.000515	U	0.000094	J	0.000537	U	0.000104	J	0.000063	J
Perfluorodecanesulfonic Acid (PFDS)	mg/kg	0.00051	U	0.000542	U	0.00057	U	0.000524	U	0.000601	U	0.000602	U	0.000559	U	0.00054	U	0.000527	U	0.000568	U	0.000602	U	0.000482	U	0.000544	U	0.000543	U	0.000515	U	0.000541	U	0.000537	U	0.000556	U	0.000595	U
Perfluorodecanoic Acid (PFDA)	mg/kg	0.000104	JF	0.000271	U	0.000285	U	0.000262	U	0.0003	U	0.000235	J	0.00028	U	0.00027	U	0.000263	U	0.000284	U	0.000301	U	0.000241	U	0.000272	U	0.000279	U	0.000257	U	0.00027	U	0.000268	U	0.000199	J	0.000298	U
Perfluorododecanoic Acid (PFDoA)	mg/kg	0.00051	U	0.000542	U	0.00057	U	0.000524	U	0.000601	U	0.00015	J	0.000559	U	0.00054	U	0.000527	U	0.000568	U	0.000602	U	0.000482	U	0.000544	U	0.00016	J	0.000515	U	0.000541	U	0.000537	U	0.000556	U	0.000595	U
Perfluoroheptanesulfonic Acid (PFHpS)	mg/kg	0.00051	U	0.000542	U	0.00057	U	0.000524	U	0.000601	U	0.000602	U	0.000559	U	0.00054	U	0.000527	U	0.000568	U	0.000602	U	0.000482	U	0.000544	U	0.000543	U	0.000515	U	0.000541	U	0.000537	U	0.000556	U	0.000595	U
Perfluoroheptanoic Acid (PFHpA)	mg/kg	0.000255	U	0.000271	U	0.000285	U	0.000262	U	0.0003	U	0.000078	J	0.000057	J	0.000027	U	0.000069	J	0.000061	J	0.000059	J	0.000241	U	0.000069	J	0.00011	J	0.000257	U	0.00005	J	0.000268	U	0.000086	J	0.000065	J
Perfluorohexanesulfonic Acid (PFHxS)	mg/kg	0.000255	U	0.000271	U	0.000285	U	0.000262	U	0.0003	U	0.000301	U	0.00028	U	0.00027	U	0.000263	U	0.000284	U	0.000301	U	0.000241	U	0.000272	U	0.000272	U	0.000257	U	0.00027	U	0.000268	U	0.000278	U	0.000298	U
Perfluorohexanoic Acid (PFHxA)	mg/kg	0.00051	U	0.000542	U	0.00057	U	0.000524	U	0.000601	U	0.000106	J	0.000078	JF	0.00054	U	0.000527	U	0.000068	JF	0.000602	U	0.000482	U	0.000544	U	0.000084	J	0.000515	U	0.000541	U	0.000537	U	0.000089	J	0.000595	U
Perfluorononanoic Acid (PFNA)	mg/kg	0.000255	U	0.000271	U	0.000285	U	0.000262	U	0.0003	U	0.000134	J	0.000097	J	0.00027	U	0.000263	U	0.00027	J	0.000176	J	0.000241	U	0.000272	U	0.000266	J	0.000248	J	0.000289	U	0.00015	J	0.000128	J		
Perfluorooctanesulfonamide (FOSA)	mg/kg	0.00051	U	0.000542	U	0.00057	U	0.000524	U	0.000601	U	0.000602	U	0.000559	U	0.00054	U	0.000527	U	0.000568	U	0.000602	U	0.000482	U	0.000544	U	0.000543	U	0.000515	U	0.000541	U	0.000537	U	0.000556	U	0.000595	U
Perfluorooctanesulfonic Acid (PFOS)	mg/kg	0.00123		0.000701		0.000285	U	0.000262	U	0.0003	U	0.00122		0.00101		0.00027	U	0.000263	U	0.000745	U	0.000394	F	0.000347		0.000272	U	0.0013	F	0.000519	F	0.00114		0.000268	U	0.00111		0.00032	
Perfluorooctanoic Acid (PFOA)	mg/kg	0.000555		0.000853		0.000285	U	0.000262	U	0.000083	J	0.000357		0.000391		0.0138		0.0177		0.00268		0.00155		0.000146	J	0.00066		0.00161		0.00166		0.000472		0.00219		0.000754		0.0016	
Perfluoropentanoic Acid (PFPeA)	mg/kg	0.00051	U	0.000542	U	0.00057	U	0.000524	U	0.000601	U	0.000135	J	0.000127	J	0.000121	J	0.00009	J	0.000099	J	0.000107	J	0.000482	U	0.000544	U	0.000142	J	0.000048	J	0.000108	J	0.000537	U	0.000173	J	0.000063	J
Perfluorotetradecanoic Acid (PFTA)	mg/kg	0.00051	U	0.000542	U	0.00057	U	0.000524	U	0.000601	U	0.000602	U	0.000559	U	0.00054	U	0.000527	U	0.00035	JF	0.00179	U	0.000482	U	0.000544	U	0.000129	JF	0.00178	U	0.000541	U	0.000537	U	0.000556	U	0.00212	U
Perfluorotridecanoic Acid (PFTDA)	mg/kg	0.00051	U	0.000542	U	0.00057	U	0.000524	U	0.000601	U	0.000602	U	0.000559	U	0.00054	U	0.000527	U	0.00217	U	0.00179	U	0.000482	U	0.000544	U	0.000543	U	0.00178	U	0.000541	U	0.000537	U	0.000556	U	0.00212	U
Perfluoroundecanoic Acid (PFUnA)	mg/kg	0.000087	JF	0.000081	JF	0.00057	U	0.000524	U	0.000601	U	0.000267	JF	0.000089	J	0.00054	U	0.000527	U	0.000568	U	0.000602	U	0.000482	U	0.000544	U	0.000203	JF	0.000515	U	0.000541	U	0.000537	U	0.000114	J	0.000595	U
PFOA/PFOS, Total	mg/kg	0.00179		0.00155		0.000285	U	0.000262	U	0.000083	J	0.00158		0.0014		0.0138		0.0177		0.00343		0.00194		0.000493	J	0.00066		0.00291		0.00218		0.00161		0.00219		0.00186		0.00192	

Notes:
 1. No current EPA Guidance for PFOA/PFAS
 2. U = Non-detect
 3. J = Estimated Value
 4. F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration
 5. mg/kg = milligrams per kilogram

Table 4E. Remedial Investigation - Emerging Contaminants Analytical Results in Soil
 River North Site
 178, 194 Richmond Terrace 8 Stuyvesant Place, Staten Island, NY
 BCP Site C243045

LOCATION	SB-48 (0-2')		SB-49 (0-2')		SB-49 (2-4')		SB-50 (0-2')		SB-50 (2-4')		SB-51 (0-2')		SB-51 (2-4')		SB-52 (0-2')		SB-52 (2-4')		SB-53 (0-2')		SB-54 (0-2')		SB-55 (0-2')		SB-56 (0-2')		DUP-1 (0-2')		DUP-2 (2-4')		DUP-3 (0-2')		DUP-4 (2-4')		DUP-5 (2-4')			
SAMPLING DATE	6/13/2022		6/7/2022		6/7/2022		6/7/2022		6/7/2022		6/7/2022		6/7/2022		6/7/2022		6/7/2022		6/14/2022		6/14/2022		6/14/2022		6/14/2022		6/9/2022		6/9/2022		6/9/2022		6/9/2022		6/9/2022			
LAB SAMPLE ID	L2231315-14		L2229886-05		L2229886-06		L2229886-07		L2229886-08		L2229886-09		L2229886-10		L2229886-11		L2229886-12		L2231549-05		L2231549-06		L2231549-07		L2231549-08		L2230668-21		L2230668-22		L2230668-23		L2230668-24		L2230668-25			
SAMPLE TYPE	SOIL		SOIL																																			
	Units	Results	Qual	Results	Qual																																	
Perfluorinated Alkyl Acids by Isotope Dilution																																						
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	mg/kg	0.00213	U	0.000553	U	0.000562	U	0.000555	U	0.000541	U	0.00055	U	0.00058	U	0.000529	U	0.000551	U	0.000585	U	0.000559	U	0.000536	U	0.000539	U	0.000476	U	0.00055	U	0.000527	U	0.000549	U	0.000511	U	
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	mg/kg	0.00057	U	0.000553	U	0.000562	U	0.000555	U	0.000541	U	0.00055	U	0.00058	U	0.000529	U	0.000551	U	0.000585	U	0.000559	U	0.000536	U	0.000539	U	0.000476	U	0.00055	U	0.000527	U	0.000549	U	0.000511	U	
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	mg/kg	0.00057	U	0.000553	U	0.000562	U	0.000555	U	0.000541	U	0.00055	U	0.00058	U	0.000529	U	0.000551	U	0.000585	U	0.000559	U	0.000536	U	0.000539	U	0.000476	U	0.00055	U	0.000527	U	0.000549	U	0.000511	U	
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	mg/kg	0.00057	U	0.000553	U	0.000562	U	0.000555	U	0.000541	U	0.00055	U	0.00058	U	0.000529	U	0.000551	U	0.000585	U	0.000559	U	0.000536	U	0.000539	U	0.000476	U	0.00055	U	0.000527	U	0.000549	U	0.000511	U	
Perfluorobutanesulfonic Acid (PFBS)	mg/kg	0.000285	U	0.000276	U	0.000281	U	0.000278	U	0.00027	U	0.000275	U	0.00029	U	0.000264	U	0.000276	U	0.000293	U	0.00028	U	0.000268	U	0.00027	U	0.000238	U	0.000275	U	0.000264	U	0.000275	U	0.000255	U	
Perfluorobutanoic Acid (PFBA)	mg/kg	0.00057	U	0.00016	J	0.000174	J	0.000054	J	0.000038	J	0.000091	J	0.000059	J	0.000155	J	0.00015	J	0.000291	J	0.000295	J	0.000098	J	0.000282	J	0.00004	J	0.00055	U	0.0001	J	0.000118	J	0.000058	J	
Perfluorodecanesulfonic Acid (PFDS)	mg/kg	0.00057	U	0.000553	U	0.000562	U	0.000555	U	0.000541	U	0.00055	U	0.00058	U	0.000529	U	0.000551	U	0.000585	U	0.000559	U	0.000536	U	0.000539	U	0.000476	U	0.00055	U	0.000527	U	0.000549	U	0.000511	U	
Perfluorodecanoic Acid (PFDA)	mg/kg	0.000285	U	0.000084	J	0.000281	U	0.000278	U	0.00027	U	0.000094	J	0.000114	JF	0.000102	JF	0.000207	JF	0.000873		0.000744		0.000268	U	0.000522		0.000238	U	0.00008	J	0.000128	J	0.000164	J	0.000086	JF	
Perfluorododecanoic Acid (PFDoA)	mg/kg	0.00057	U	0.000553	U	0.000562	U	0.000555	U	0.000541	U	0.00055	U	0.00058	U	0.000529	U	0.000551	U	0.000585	U	0.000559	U	0.000536	U	0.000539	U	0.000476	U	0.00055	U	0.000527	U	0.000549	U	0.000511	U	
Perfluoroheptanesulfonic Acid (PFHpS)	mg/kg	0.00057	U	0.000553	U	0.000562	U	0.000555	U	0.000541	U	0.00055	U	0.00058	U	0.000529	U	0.000551	U	0.000585	U	0.000559	U	0.000536	U	0.000539	U	0.000476	U	0.00055	U	0.000527	U	0.000549	U	0.000511	U	
Perfluoroheptanoic Acid (PFHpA)	mg/kg	0.000285	U	0.000065	J	0.000072	J	0.000278	U	0.00027	U	0.000056	J	0.000029	U	0.00011	J	0.000087	J	0.000184	J	0.000185	J	0.000062	J	0.000158	J	0.000238	U	0.000275	U	0.000071	J	0.000079	J	0.000255	U	
Perfluorohexanesulfonic Acid (PFHxS)	mg/kg	0.000285	U	0.000276	U	0.000281	U	0.000278	U	0.00027	U	0.000275	U	0.00029	U	0.000264	U	0.000276	U	0.000293	U	0.00028	U	0.000268	U	0.00027	U	0.000238	U	0.000275	U	0.000264	U	0.000275	U	0.000255	U	
Perfluorohexanoic Acid (PFHxA)	mg/kg	0.00057	U	0.000077	J	0.000084	J	0.000555	U	0.000541	U	0.000083	J	0.00058	U	0.000108	J	0.000084	J	0.000147	J	0.000155	J	0.000057	J	0.000147	J	0.000476	U	0.00055	U	0.000072	JF	0.00008	J	0.000511	U	
Perfluorononanoic Acid (PFNA)	mg/kg	0.000285	U	0.00015	J	0.000132	JF	0.000278	U	0.00027	U	0.000211	JF	0.00029	U	0.000184	J	0.000144	J	0.000332		0.000306		0.000435		0.000263	J	0.000238	U	0.000275	U	0.000156	J	0.000153	J	0.000255	U	
Perfluorooctanesulfonamide (FOSA)	mg/kg	0.00057	U	0.000553	U	0.000562	U	0.000555	U	0.000541	U	0.00055	U	0.00058	U	0.000529	U	0.000551	U	0.000585	U	0.000559	U	0.000536	U	0.000539	U	0.000476	U	0.00055	U	0.000527	U	0.000549	U	0.000511	U	
Perfluorooctanesulfonic Acid (PFOS)	mg/kg	0.000285	U	0.000349		0.000442		0.000278	U	0.00027	U	0.00182		0.000941		0.000782		0.000673		0.00182	F	0.00157		0.000887		0.00179	F	0.000242		0.00149		0.000958	F	0.00233		0.000404		
Perfluorooctanoic Acid (PFOA)	mg/kg	0.000064	J	0.000677		0.000881		0.000437		0.000283	F	0.00126		0.0005	F	0.001		0.000818		0.00167		0.00149		0.00117		0.000218	J	0.000476	U	0.00055	U	0.000129	J	0.000124	J	0.000057	J	
Perfluoropentanoic Acid (PFPeA)	mg/kg	0.00057	U	0.000145	J	0.000184	J	0.000056	J	0.000541	U	0.000135	J	0.000075	J	0.000176	J	0.000132	J	0.000218	J	0.000236	J	0.000154	J	0.000218	J	0.000476	U	0.00055	U	0.000129	J	0.000124	J	0.000057	J	
Perfluorotetradecanoic Acid (PFTA)	mg/kg	0.00057	U	0.000553	U	0.000562	U	0.000555	U	0.000541	U	0.00055	U	0.00058	U	0.000529	U	0.000551	U	0.000243	J	0.000228	J	0.000536	U	0.000164	JF	0.000476	U	0.00055	U	0.000527	U	0.000078	JF	0.000511	U	
Perfluorotridecanoic Acid (PFTrDA)	mg/kg	0.00057	U	0.000553	U	0.000562	U	0.000555	U	0.000541	U	0.00055	U	0.00058	U	0.000529	U	0.000551	U	0.000465	JF	0.000409	J	0.000536	U	0.000539	U	0.000476	U	0.00055	U	0.000527	U	0.000549	U	0.000511	U	
Perfluoroundecanoic Acid (PFUnA)	mg/kg	0.00057	U	0.00008	J	0.000562	U	0.000555	U	0.000541	U	0.00008	J	0.00011	J	0.000087	J	0.000175	J	0.000695		0.000588		0.000536	U	0.000254	J	0.000476	U	0.00053	J	0.000092	J	0.000125	J	0.000087	J	
PFOA/PFOS, Total	mg/kg	0.000064	J	0.00103		0.00132		0.000437		0.000283		0.00308		0.00144		0.00178		0.00149		0.00349		0.00306		0.00206		0.00355		0.000462	J	0.00263		0.00229		0.00292		0.000585	J	

- Notes:**
1. No current EPA Guidance for PFOA/PFAS
 2. U = Non-detect
 3. J = Estimated Value
 4. F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration
 5. mg/kg = milligrams per kilogram

Table 4F. Remedial Investigation - Metals Analytical Results in Soil
 River North Site
 178, 194 Richmond Terrace 8 Stuyvesant Place, Staten Island, NY
 BCP Site C243045

LOCATION	SB-2(2-4')		SB-2(4-6')		SB-6 (2-4')		SB-6 (4-6')		SB-8(2-4')		SB-8(4-6')		SB-10(2-4')		SB-10(4-6')		SB-13 (13-15')		SB-13 (15-17')		SB-14 (2-4')		SB-14 (4-6')		SB-18(3-5')		SB-18(11-13')		SB-19(1-3')		SB-19(3-5')		SB-20(8-10')		SB-20(13-15')		SB-21(8-10')				
SAMPLING DATE	6/13/2022		6/13/2022		6/10/2022		6/10/2022		6/13/2022		6/13/2022		6/13/2022		6/9/2022		6/9/2022		6/10/2022		6/10/2022		6/13/2022		6/13/2022		6/13/2022		6/13/2022		6/13/2022		6/13/2022		6/13/2022						
LAB SAMPLE ID	L2231315-12		L2231315-13		L2231077-01		L2231077-02		L2231315-16		L2231315-17		L2231315-10		L2231315-11		L2230668-01		L2230668-02		L2231077-03		L2231077-04		L2231315-19		L2231315-18		L2231315-06		L2231315-07		L2231315-04		L2231315-05		L2231315-02				
SAMPLE TYPE	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL				
	NY-RESRR	NY-UNRES	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual																
General Chemistry																																									
Chromium, Hexavalent	110	1	mg/kg	0.936	U	0.96	U	0.958	U	0.978	U	1.01	U	0.449	J	0.385	J	0.654	J	0.175	J	0.172	J	0.897	U	0.915	U	0.907	U	0.792	J	0.949	U	0.958	U	0.937	U	0.895	U	0.922	U
Chromium, Trivalent	180	30	mg/kg	37		36		290		27		79		71	J	43	J	58	J	41	J	26	J	34		19		12		78	J	25		26		62		27		34	
Cyanide, Total	27	27	mg/kg	1.1	U	1.1	U	0.28	J	1.2	U	1.2	U	1.1	U	1.2	U	1.2	U	1.1	U	1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1	U	1.1	U
Solids, Total			%	85.5		83.3		83.5		81.8		78.9		84.6		83.2		81		91.2		93		89.2		87.4		88.2		87.1		84.3		83.5		85.4		89.4		86.8	
Total Metals																																									
Aluminum, Total			mg/kg	952		570		4280		4370		2740		2800		4030		2300		4720		2990		4800		6780		10400		3430		958		1100		1490		128		5350	
Antimony, Total			mg/kg	4.59	U	4.53	U	1.18	J	0.474	J	4.96	U	4.6	U	4.56	U	4.78	U	1.09	J	0.699	J	0.733	J	0.477	J	4.46	U	4.58	U	4.49	U	4.63	U	4.43	U	4.42	U	4.36	U
Arsenic, Total	16	13	mg/kg	2.13		1.27		5.19		15.6		3.68		3.84		4.67		5.41		5		2.99		1.87		1.45		5.99		2.84		5.15		26.8		2.03		4.16		5.98	
Barium, Total	400	350	mg/kg	5.74		3.09		75.4		59.5		23.8		21.7		39.8		24.6		26.6		34		48.1		20.2		18.6		23.4		20.6		9.68		28.2		12.5		149	
Beryllium, Total	72	7.2	mg/kg	0.064	J	0.063	J	0.303	J	0.303	J	0.218	J	0.239	J	0.292	J	0.201	J	0.2	J	0.168	J	0.366	J	0.274	J	0.321	J	0.201	J	0.081	J	0.083	J	0.142	J	0.442	U	0.392	J
Cadmium, Total	4.3	2.5	mg/kg	0.266	J	0.272	J	1.52		1.05		0.168	J	0.193	J	0.2	J	0.287	J	0.862	J	1.14		0.664	J	0.424	J	0.893	U	0.916	U	0.296	J	0.194	J	0.159	J	0.265	J	0.288	J
Calcium, Total			mg/kg	786		518		2520		10200		750		605		1400		995		847		2400		374		272		1050		666		466		17400		1940		5420		3190	
Chromium, Total			mg/kg	36.8		36.3		292		27.4		79.3		71.4		43.2		58.9		41.4		26.7		34.2		19.2		11.8		79.3		25.1		26.3		61.5		27.3		34.2	
Cobalt, Total			mg/kg	80.6		81.9		33.2		20.6		50.5		48		30.6		43		39.5		10.4		22.9		5.43		6.69		49.1		88.4		63		70.6		89.8		23.2	
Copper, Total	270	50	mg/kg	0.919	U	0.906	U	50.4		45		9.29		176		19.6		10.7		15.4		12.6		9.4		5.34		8.53		12.8		2.74		3.11		3.28		0.884	U	33.1	
Iron, Total			mg/kg	37300		36600		21900		13800		26400		28900		22800		30600		24700		12400		16500		12400		18800		27800		45000		29600		32500		43600		17500	
Lead, Total	400	63	mg/kg	1.64	J	1.3	J	174		176		4.95	J	4.77		8.66		3.98	J	7.24		30		7.89		5.76		9.4		8.03		5.33		2	J	2.71	J	1.26	J	241	
Magnesium, Total			mg/kg	185000		177000		39900		12200		73200		103000		36500		68700		67600		11400		6660		1650		2040		71900		200000		156000		254000		204000		29000	
Manganese, Total	2000	1600	mg/kg	678		762		612		436		547		514		615		575		544		224		655		87.8		241		654		373		825		990		755		249	
Mercury, Total	0.81	0.18	mg/kg	0.093	U	0.099	U	0.408		0.358		0.091	U	0.075	U	0.094	U	0.086	U	0.083	U	0.067	U	0.081	U	0.073	U	0.087	U	0.085	U	0.088	U	0.093	U	0.086	U	0.085	U	0.164	
Nickel, Total	310	30	mg/kg	1670		1500		682		302		1120		1020		593		1160		705		147		317		44.3		12		1120		1980		1190		1580		1960		427	
Potassium, Total			mg/kg	148	J	105	J	514		304		667		773		914		450		2210		507		313		160	J	324		602		172	J	198	J	328		44.6	J	785	
Selenium, Total	180	3.9	mg/kg	1.84	U	1.81	U	1.84	U	1.9	U	1.98	U	1.84	U	1.82	U	1.91	U	1.74	U	1.68	U	1.7	U	1.77	U	0.259	J	0.33	J	1.8	U	1.85	U	1.77	U	1.77	U	1.74	U
Silver, Total	180	2	mg/kg	0.919	U	0.906	U	0.294	J	0.948	U	0.992	U	0.92	U	0.911	U	0.957	U	0.871	U	0.843	U	0.852	U	0.884	U	0.893	U	0.916	U	0.898	U	0.926	U	0.886	U	0.884	U	0.872	U
Sodium, Total			mg/kg	25.6	J	22.1	J	49	J	93.2	J	96.4	J	86.6	J	112	J	62	J	116	J	64.8	J	55.8	J	84.1	J	48.9	J	144	J	25.9	J	38.4	J	49.7	J	18.2	J	68.2	J
Thallium, Total			mg/kg	0.45	J	0.688	J	1.84	U	1.9	U	1.98	U	1.84	U	1.82	U	1.91	U	1.74	U	1.68	U	1.7	U	1.77	U	1.78	U	1.83	U	0.628	J	0.444	J	0.478	J	0.707	J	1.74	U
Vanadium, Total			mg/kg	4.17		3.48		24		26.2		14.1		13.9		19.4		13.4		20		12.3		14.6		16.1		21.2		13.9		4.18		4.36		7.33		2.24		23.7	
Zinc, Total	10000	109	mg/kg	17.1		15.8		167		124		23.4		21.8		27.9		21.4		43.1		136		30.1		19.2		29.3		30.7		27.6		14.1		17.3		19.6		130	

- Notes:
 1. NY-RESRR = NYSDEC Part 375 Restricted-Use Residential SCO
 2. NY-UNRES = NYSDEC Part 375 Unrestricted Use SCO
 3. Exceedances of NY-RESRR are shaded yellow
 4. Exceedances of NY-UNRES are shaded gray
 5. U = Non-detect
 6. J = Estimated Value
 7. mg/kg = milligrams per kilogram

Table 4F. Remedial Investigation - Metals Analytical Results in Soil
 River North Site
 178, 194 Richmond Terrace 8 Stuyvesant Place, Staten Island, NY
 BCP Site C243045

LOCATION	SB-21(13-15')		SB-22(8-10')		SB-22(10-12')		SB-23 (8-10')		SB-23 (12-14')		SB-24 (8-10')		SB-24 (15-17')		SB-25 (8-10')		SB-25 (13-15')		SB-25(13-15')		SB-26 (5-7')		SB-26 (8-10')		SB-27 (3-5')		SB-27 (6-8')		SB-28 (8-10')		SB-28 (10-12')		SB-29 (2-4')		SB-29 (13-15')		SB-30 (2-4')		SB-30 (16-18')				
SAMPLING DATE	6/13/2022		6/13/2022		6/13/2022		6/10/2022		6/10/2022		6/10/2022		6/10/2022		6/10/2022		6/10/2022		6/10/2022		6/10/2022		6/10/2022		6/10/2022		6/10/2022		6/10/2022		6/9/2022		6/9/2022		6/9/2022		6/9/2022						
LAB SAMPLE ID	L2231315-03		L2231315-08		L2231315-09		L2231077-05		L2231077-06		L2231077-07		L2231077-08		L2231077-09		L2231077-10		L2231077-10		L2231077-11		L2231077-12		L2231077-13		L2231077-14		L2231077-15		L2231077-16		L2230668-03		L2230668-04		L2230668-05		L2230668-06				
SAMPLE TYPE	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL				
	NY-RESRR	NY-UNRES	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual				
General Chemistry																																											
Chromium, Hexavalent	110	1	mg/kg	0.883	U	0.96	U	0.864	U	0.899	U	0.898	U	2.28		0.306	J	0.927	U	0.473	J	-	-	0.932	U	0.867	U	0.242	J	0.309	J	0.889	U	0.89	U	0.936	U	1.19		0.492	J	0.971	U
Chromium, Trivalent	180	30	mg/kg	56		59		32		45		37		52		40	J	39		15	J	-	-	52		27		53	J	190	J	92		60		12		160		26	J	37	
Cyanide, Total	27	27	mg/kg	1.1	U	1.2	U	1	U	1.1	U	1.1	U	1.2	U	1.1	U	0.52	J	1.2	U	-	-	1.1	U	1	U	1.1	U	1.4	U	1.1	U	1.1	U	1.1	U	1.3	U	1.1	U	1.1	U
Solids, Total			%	90.6		83.3		92.6		89		89.1		82.6		88.2		86.3		78.2		83.4		85.8		92.3		86.6		67.9		90		89.9		85.5		73.9		87.3		82.4	
Total Metals																																											
Aluminum, Total			mg/kg	2420		1000		2410		3740		4150		4220		4520		5350		3360		-	-	3030		7400		3040		1330		3230		3740		3430		1220		6950		2420	
Antimony, Total			mg/kg	4.2	U	4.59	U	4.18	U	0.569	J	0.86	J	0.833	J	0.54	J	0.724	J	0.635	J	-	-	0.865	J	0.323	J	0.868	J	0.757	J	0.79	J	0.753	J	0.545	J	2.28	J	1.03	J	1.03	J
Arsenic, Total	16	13	mg/kg	1.54		4.39		2.19		4.02		3.64		5.84		3.69		3.88		3.53		-	-	1.83		2.44		2.65		1.56		2.34		2.2		2.54		4.28		4.12		4.24	
Barium, Total	400	350	mg/kg	19.9		18.3		20.8		23.6		53.6		41.2		37.4		109		26.4		-	-	22.5		32.7		24.3		21.8		23.1		24.9		20		35.6		19.5		21.9	
Beryllium, Total	72	7.2	mg/kg	0.21	J	0.156	J	0.2	J	0.293	J	0.261	J	0.446	J	0.34	J	0.339	J	0.269	J	-	-	0.214	J	0.357	J	0.23	J	0.113	J	0.252	J	0.268	J	0.223	J	0.106	J	0.434	J	0.167	J
Cadmium, Total	4.3	2.5	mg/kg	0.109	J	0.266	J	0.142	J	0.784	J	0.852	J	0.988	J	0.688	J	0.893	J	0.645	J	-	-	0.785	J	0.604	J	0.727	J	0.915	J	0.808	J	0.77	J	0.465	J	1.74	J	0.714	J	0.76	J
Calcium, Total			mg/kg	1090		347		613		1080		2000		1490		1930		2950		962		-	-	836		1460		708		309		1320		699		1000		1670		912		5200	
Chromium, Total			mg/kg	56.3		59.3		32.3		44.7		37.3		54.8		40		39.2		15.7		-	-	52		27		53.1		191		92.2		59.9		11.7		167		26.4		36.8	
Cobalt, Total			mg/kg	29.7		68.7		21.2		31		30.4		44.8		22.8		25.4		16		-	-	36.5		15.1		34.2		54.8		37.9		31.7		4.67		125		22.8		34.6	
Copper, Total	270	50	mg/kg	11.8		3.37		30.1		25.3		32.9		23.2		30.3		13.1		-		-	-	12.8		22.4		15.8		9.85		17.9		11.4		8		6.38		10.5		10.7	
Iron, Total			mg/kg	17700		35500		18400		19800		19800		24700		18100		19700		16200		-	-	21600		15900		19500		24300		21600		20700		11600		47000		18800		18200	
Lead, Total	400	63	mg/kg	4.86		6.04		4.07	J	10.1		112		10.3		38		198		5.9		-	-	5.74		14.5		5.96		2.86		7.01		6		5.32		2.77	J	10.4		15.8	
Magnesium, Total			mg/kg	116000		124000		38200		57100		49900		29800		25700		28500		1810		-	-	76400		24000		67400		119000		81200		74600		1650		146000		2580		50200	
Manganese, Total	2000	1600	mg/kg	418		623		310		361		465		774		390		414		298		-	-	448		310		323		530		407		430		158		1160		405		358	
Mercury, Total	0.81	0.18	mg/kg	0.077	U	0.093	U	0.07	U	0.081	U	0.131		0.079	U	0.071	U	0.161		0.08	U	-	-	0.073	U	0.069	U	0.076	U	0.102	U	0.079	U	0.07	U	0.078	U	0.086	U	0.075	U	0.078	U
Nickel, Total	310	30	mg/kg	717		1880		576		604		558		775		469		438		110		-	-	754		208		729		1120		768		677		57.7		3440		123		682	
Potassium, Total			mg/kg	652		244		556		741		662		917		1150		1010		351		-	-	541		3740		574		173	J	763		764		314		157	J	424		640	
Selenium, Total	180	3.9	mg/kg	1.68	U	1.84	U	1.67	U	1.72	U	1.69	U	1.94	U	1.74	U	1.79	U	1.92	U	-	-	1.78	U	1.7	U	1.77	U	2.26	U	1.74	U	1.73	U	1.79	U	2.13	U	1.81	U	1.85	U
Silver, Total	180	2	mg/kg	0.84	U	0.918	U	0.835	U	0.862	U	0.843	U	0.968	U	0.871	U	0.893	U	0.962	U	-	-	0.892	U	0.85	U	0.886	U	1.13	U	0.869	U	0.866	U	0.893	U	0.351	J	0.903	U	0.927	U
Sodium, Total			mg/kg	89.4	J	41.2	J	66	J	80.8	J	59.5	J	62.6	J	103	J	68	J	26.4	J	-	-	78.5	J	199	J	83	J	33.5	J	75.6	J	99.3	J	22.6	J	51	J	27.8	J	70.2	J
Thallium, Total			mg/kg	1.68	U	0.624	J	1.67	U	1.72	U	1.69	U	1.94	U	1.74	U	1.79	U	1.92	U	-	-	1.78	U	1.7	U	1.77	U	2.26	U	1.74	U	1.73	U	1.79	U	2.13	U	1.81	U	1.85	U
Vanadium, Total			mg/kg	11.9		6.7		13		16.6		17.3		22.6		19.7		21.4		15.2		-	-	12.7		27.1		14.2		6.57		14.8		16.9		12		3.53		21.4		13.3	
Zinc, Total	10000	109	mg/kg	21.3		19.2		18.5		63.4		66.3		70.3		45.3		107		27.7		-	-	26.4		39.6		23.3		17.8		27.6		24.9		23.4		23.8		28.3		40.2	

- Notes:
 1. NY-RESRR = NYSDEC Part 375 Restricted-Use Residential
 2. NY-UNRES = NYSDEC Part 375 Unrestricted Use SCO
 3. Exceedances of NY-RESRR are shaded yellow
 4. Exceedances of NY-UNRES are shaded gray
 5. U = Non-detect
 6. J = Estimated Value
 7. mg/kg = milligrams per kilogram

Table 4F. Remedial Investigation - Metals Analytical Results in Soil
River North Site
178, 194 Richmond Terrace 8 Stuyvesant Place, Staten Island, NY
BCP Site C243045

LOCATION	SB-31 (2-4')		SB-31 (11-13')		SB-32 (6-8')		SB-32 (8-10')		SB-33 (2-4')		SB-33 (16-18')		SB-34 (0-2')		SB-34 (10-12')		SB-35 (0-2')		SB-35 (8-10')		SB-36 (0-2')		SB-36 (3-5')		SB-37 (2-4')		SB-37 (7-9')		SB-38 (6-8')		SB-38 (8-10')		SB-39 (3-5')		SB-39 (5-7')				
SAMPLING DATE	6/9/2022		6/9/2022		6/9/2022		6/9/2022		6/9/2022		6/9/2022		6/9/2022		6/9/2022		6/9/2022		6/9/2022		6/9/2022		6/9/2022		6/14/2022		6/14/2022		6/9/2022		6/14/2022		6/14/2022		6/14/2022				
LAB SAMPLE ID	L2230668-07		L2230668-08		L2230668-09		L2230668-10		L2230668-11		L2230668-12		L2230668-13		L2230668-14		L2230668-29		L2230668-30		L2230668-31		L2230668-32		L2231549-01		L2231549-02		L2230668-33		L2230668-34		L2231549-03		L2231549-04				
SAMPLE TYPE	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL				
	NY-RESRR	NY-UNRES	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual				
General Chemistry																																							
Chromium, Hexavalent	110	1	mg/kg	0.914	U	0.863	U	0.687	J	0.184	J	1.26		0.827	J	0.434	J	0.385	J	0.925	U	0.922	U	0.899	U	0.94	U	0.974	U	0.964	U	0.908	U	0.939	U	0.968	U	0.917	U
Chromium, Trivalent	180	30	mg/kg	17		48		31	J	80	J	100		14	J	29	J	43	J	75		56		23		34		16		17		23		28		18		15	
Cyanide, Total	27	27	mg/kg	1.1	U	1	U	1.1	U	1.1	U	1.2	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	0.46	J	1.1	U	1.1	U	1.2	U	1.1	U	1.1	U
Solids, Total			%	87.5		92.7		85.9		86.9		85.9		83.4		85.3		83.1		86.5		86.8		89		85.1		82.1		83		88.1		85.2		82.6		87.2	
Total Metals																																							
Aluminum, Total			mg/kg	3860		2760		3010		2090		3570		5710		6240		3600		4050		4540		3580		5180		7790		6970		5800		6340		5810		5800	
Antimony, Total			mg/kg	0.672	J	1.16	J	1.06	J	1.68	J	1.11	J	0.47	J	0.748	J	1.32	J	4.44	U	4.49	U	4.32	U	4.59	U	4.68	U	4.52	U	4.43	U	4.59	U	4.77	U	4.39	U
Arsenic, Total	16	13	mg/kg	3.33		2.56		3.38		1.4		2.08		1.92		1.65		2.01		3.84		3.47		4.35		4.49		3.36		3.68		6.57		3.53		3.21		3.74	
Barium, Total	400	350	mg/kg	30		18		43.9		35.1		34.5		46.9		37.2		40.5		74.6		57.2		37		59.6		75.4		68.1		51.4		52.5		61.5		55.8	
Beryllium, Total	72	7.2	mg/kg	0.269	J	0.304	J	0.136	J	0.141	J	0.224	J	0.47	J	0.393	J	0.196	J	0.266	J	0.287	J	0.32	J	0.376	J	0.589	J	0.57	J	0.372	J	0.432	J	0.467	J	0.482	J
Cadmium, Total	4.3	2.5	mg/kg	0.6	J	0.776	J	0.726	J	0.927	J	0.822	J	0.574	J	0.561	J	1.07	J	0.453	J	0.404	J	0.173	J	0.211	J	0.29	J	0.28	J	0.23	J	0.165	J	0.334	J	0.246	J
Calcium, Total			mg/kg	1550		651		1280		1100		3440		1610		754		6120		2700		5100		9570		3340		1980		1790		5360		3120		1200		1340	
Chromium, Total			mg/kg	16.7		47.9		32.1		80		102		14.6		29.7		43.6		75		55.8		22.9		34.3		15.9		16.6		23.4		28.4		17.9		15.3	
Cobalt, Total			mg/kg	7.42		38.1		32		42.5		34.6		7.56		16		40.2		27.2		22.5		7.83		13		8.49		8.55		9.13		13.2		8.47		7.58	
Copper, Total	270	50	mg/kg	12.5		14.5		9.08		8.59		10.6		14.7		6.69		74.5		23.5		21.6		18.7		29.3		18.1		15.9		33.3		16		18.1		15.6	
Iron, Total			mg/kg	12400		20200		17400		26500		20200		14500		15100		25700		19100		18100		15200		15300		19100		17600		14400		17700		14300		14500	
Lead, Total	400	63	mg/kg	36.6		10.4		6.77		6.37		26.2		9.51		5.77		40.3		143		108		38.2		90		10.5		10.6		53.2		21.1		12.1		10.5	
Magnesium, Total			mg/kg	2840		63000		12300		94900		60200		3910		1800		66800		45700		38000		4540		10800		4160		5180		6050		15000		4800		4180	
Manganese, Total	2000	1600	mg/kg	184		382		681		933		576		418		421		557		381		612		217		361		503		537		277		452		798		383	
Mercury, Total	0.81	0.18	mg/kg	0.072	U	0.073	U	0.055	J	0.072	U	0.054	J	0.078	U	0.078	U	0.027		0.46		0.184		0.075		0.092		0.077	U	0.076	U	0.104		0.074	U	0.076	U	0.072	U
Nickel, Total	310	30	mg/kg	69.3		701		396		911		599		48.1		98		761		500		383		79.8		165		34		30.1		77		161		82.4		27.1	
Potassium, Total			mg/kg	396		697		377		401		605		1180		247		526		429		467		369		675		932		1480		566		1190		1080		1190	
Selenium, Total	180	3.9	mg/kg	1.79	U	1.69	U	1.82	U	1.77	U	1.79	U	1.88	U	1.87	U	1.87	U	1.8	U	1.8	U	0.268	J	1.83	U	1.87	U	1.81	U	1.77	U	1.84	U	0.314	J	1.75	U
Silver, Total	180	2	mg/kg	0.896	U	0.844	U	0.908	U	0.883	U	0.894	U	0.94	U	0.935	U	0.936	U	0.888	U	0.898	U	0.864	U	0.917	U	0.936	U	0.904	U	0.887	U	0.918	U	0.953	U	0.877	U
Sodium, Total			mg/kg	19.1	J	82.5	J	59.2	J	48.4	J	46.4	J	72.8	J	34.2	J	112	J	75.6	J	73.7	J	49.3	J	73.1	J	94.2	J	120	J	73.9	J	118	J	99.6	J	100	J
Thallium, Total			mg/kg	1.79	U	1.69	U	1.82	U	1.77	U	1.79	U	1.88	U	1.87	U	1.87	U	1.8	U	1.73	U	1.83	U	1.87	U	1.81	U	1.77	U	1.84	U	1.91	U	1.91	U	1.75	U
Vanadium, Total			mg/kg	13.6		14.3		11		8.98		12.1		17		15.4		15.9		16.3		17.1		14.5		18.8		23.5		21.9		20.4		20.7		20.6		20	
Zinc, Total	10000	109	mg/kg	46.7		28.6		26.4		19.6		34.8		40.2		28.1		48.2		104		82.4		45		64.7		41.7		43.2		58.4		44		45.1		40.4	

- Notes:
1. NY-RESRR = NYSDEC Part 375 Restricted-Use Residential
2. NY-UNRES = NYSDEC Part 375 Unrestricted Use SCO
3. Exceedances of NY-RESRR are shaded yellow
4. Exceedances of NY-UNRES are shaded gray
5. U = Non-detect
6. J = Estimated Value
7. mg/kg = milligrams per kilogram

Table 4F. Remedial Investigation - Metals Analytical Results in Soil
 River North Site
 178, 194 Richmond Terrace 8 Stuyvesant Place, Staten Island, NY
 BCP Site C243045

LOCATION	SB-40 (0-2')		SB-41 (0-2')		SB-41 (2-4')		SB-42 (0-2')		SB-42 (2-4')		SB-43 (0-2')		SB-43 (2-4')		SB-44 (0-2')		SB-44 (2-4')		SB-45 (0-2')		SB-45 (2-4')		SB-46 (0-2')		SB-46 (2-4')		SB-47 (0-2')		SB-47 (2-4')		SB-48 (0-2')		SB-49 (0-2')		SB-49 (2-4')		SB-50 (0-2')		SB-50 (2-4')				
SAMPLING DATE	6/13/2022		6/7/2022		6/7/2022		6/7/2022		6/7/2022		6/10/2022		6/10/2022		6/9/2022		6/9/2022		6/9/2022		6/9/2022		6/9/2022		6/9/2022		6/10/2022		6/10/2022		6/13/2022		6/7/2022		6/7/2022		6/7/2022						
LAB SAMPLE ID	L2231315-15		L2229886-01		L2229886-02		L2229886-03		L2229886-04		L2231077-17		L2231077-18		L2230668-15		L2230668-16		L2230668-17		L2230668-18		L2230668-19		L2230668-20		L2231077-19		L2231077-20		L2231315-14		L2229886-05		L2229886-06		L2229886-07		L2229886-08				
SAMPLE TYPE	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL				
	NY-RESRR	NY-UNRES	Units	Results	Qual																																						
General Chemistry																																											
Chromium, Hexavalent	110	1	mg/kg	1.04	U	1	U	0.93	U	0.327	J	0.923	U	0.99	U	0.99	U	0.864	U	0.905	U	0.956	U	0.925	U	0.956	U	0.626	J	0.955	U	0.99	U	0.962	U	0.92	U	0.959	U	0.92	U	0.948	U
Chromium, Trivalent	180	30	mg/kg	78		27		21		15	J	18		50		12		21		8.5		28		56		33		28	J	59		52		46		40		41		37		44	
Cyanide, Total	27	27	mg/kg	1.2	U	1.2	U	1.1	U	1.2	U	1.1	U	1.2	U	1.1	U	1	U	1.1	U	1.1	U	1.1	U	1.2	U	1.2	U	1.2	U	1	U	1.2	U	1	U	1.2	U	1.1	U	1.1	U
Solids, Total			%	76.9		79.7		86		82.6		86.7		80.8		80.8		92.6		88.4		83.7		86.5		83.7		84.7		83.8		80.8		83.2		87		83.4		87		84.4	
Total Metals																																											
Aluminum, Total			mg/kg	930		5880		5950		6830		6400		5920		6010		2910		3230		4780		5680		4810		6250		4520		4560		893		5560		5690		8370		6050	
Antimony, Total			mg/kg	5.08	U	4.72	U	4.47	U	4.61	U	4.38	U	0.929	J	4.82	U	0.845	J	0.38	J	0.807	J	0.976	J	0.909	J	0.764	J	1.32	J	4.73	U	4.39	U	4.54	U	4.35	U	4.53	U		
Arsenic, Total	16	13	mg/kg	4.76		7.44		6.14		5.32		4.75		2.56		1.84		6.9		2.54		3.99		2.81		4.58		1.79		5.01		5.29		2.07		5.3		5.58		6.88		6.14	
Barium, Total	400	350	mg/kg	12.2		99.9		72.8		53		48.6		54		30.4		74.9		16.4		50.1		49.2		71.7		28.8		45.6		67.9		5.65		65.4		108		58.3		36.9	
Beryllium, Total	72	7.2	mg/kg	0.102	J	0.35	J	0.402	J	0.397	J	0.377	J	0.45	J	0.376	J	0.184	J	0.242	J	0.263	J	0.416	J	0.3	J	0.294	J	0.348	J	0.326	J	0.085	J	0.378	J	0.363	J	0.6		0.49	
Cadmium, Total	4.3	2.5	mg/kg	0.162	J	0.472	J	0.295	J	0.212	J	0.824	J	2.03	J	0.376	J	2.22	J	0.398	J	0.723	J	0.832	J	0.75	J	0.662	J	1.12	J	1.06	J	0.151	J	0.298	J	0.336	J	0.339	J	0.299	J
Calcium, Total			mg/kg	412		3750		2170		3100		2900		1130		585		4920		418		5960		4240		5420		12500		1610		1780		368		1820		1840		6190		4360	
Chromium, Total			mg/kg	77.7		27.2		21.4		15.6		18.3		50.5		12.5		20.7		8.46		27.5		56.5		33.3		28.9		59.1		51.8		46.3		40.5		40.9		36.8		44.5	
Cobalt, Total			mg/kg	62.9		21.7		19.8		9.02		11.2		34.5		5.09		12.2		7.25		12.8		25.5		17		23.3		47.5		36.3		85.2		25.8		27.4		17.3		28.9	
Copper, Total	270	50	mg/kg	0.294	J	31.6		23.2		13.1		621		17.9		9.09		31.8		7.51		32.6		23.3		38.4		17.2		45.6		84		0.946	U	35.6		44.6		29.6		28.9	
Iron, Total			mg/kg	31100		19800		17100		13900		14500		23200		9520		9790		9260		12600		17000		14900		18000		25000		21800		34300		19800		21700		20300		22700	
Lead, Total	400	63	mg/kg	1.8	J	194		131		94.6		342		14.8		16.5		389		6.77		90.4		16.4		183		12.2		69.4		142		1.82	J	128		209		183		47.9	
Magnesium, Total			mg/kg	128000		28400		24200		4920		6960		32400		2080		8070		1580		10400		18400		11500		26300		68900		51400		174000		32000		34900		11500		24300	
Manganese, Total	2000	1600	mg/kg	762		386		335		265		309		717		109		152		230		274		638		276		317		498		480		702		408		441		438		498	
Mercury, Total	0.81	0.18	mg/kg	0.084	U	0.409		0.17		1.03		0.941		0.08	U	0.091	U	0.206		0.022	U	0.16		0.031		0.432		0.022	J	0.103		0.126		0.096	U	0.087		0.123		0.184		0.109	
Nickel, Total	310	30	mg/kg	1400		368		300		84.4		125		593		41.4		157		50.7		162		433		223		389		980		712		1810		486		544		221		533	
Potassium, Total			mg/kg	139	J	950		447		312		335		646		154	J	389		267		784		507		631		571		684		195	J	1060		926		2400		1330			
Selenium, Total	180	3.9	mg/kg	2.03	U	1.89	U	1.79	U	1.84	U	1.75	U	1.96	U	1.93	U	1.67	U	1.73	U	1.88	U	1.81	U	1.87	U	1.84	U	1.88	U	1.86	U	1.89	U	1.76	U	1.82	U	1.74	U	1.81	U
Silver, Total	180	2	mg/kg	1.02	U	0.945	U	0.894	U	0.923	U	1.18		0.978	U	0.963	U	0.836	U	0.865	U	0.938	U	0.904	U	0.937	U	0.92	U	0.94	U	0.931	U	0.946	U	0.878	U	0.908	U	0.87	U	0.906	U
Sodium, Total			mg/kg	37.2	J	70.1	J	63.8	J	84.3	J	74.6	J	68.8	J	35.5	J	55.4	J	27	J	61.4	J	88.2	J	50.2	J	39.6	J	48.3	J	43.2	J	42.8	J	68.5	J	76.3	J	86.8	J	87.9	J
Thallium, Total			mg/kg	0.518	J	1.89	U	1.79	U	1.84	U	1.75	U	1.96	U	1.93	U	1.67	U	1.73	U	1.88	U	1.81	U	1.87	U	1.84	U	1.88	U	1.86	U	0.454	J	1.76	U	1.82	U	1.74	U	1.81	U
Vanadium, Total			mg/kg	4.57		23.4		20.2		19.2		17.9		20		12.7		14.8		11.1		24.5		24.4		27.6		23.4		19.2		20.6		4.75		23		22.7		34.3		27.1	
Zinc, Total	10000	109	mg/kg	15.5		115		79.7		77.2		1870		480		22.4		189		21.4		82.4		60.9		88.3		23.5		84.4		119		15.2		82.9		101		160		95.6	

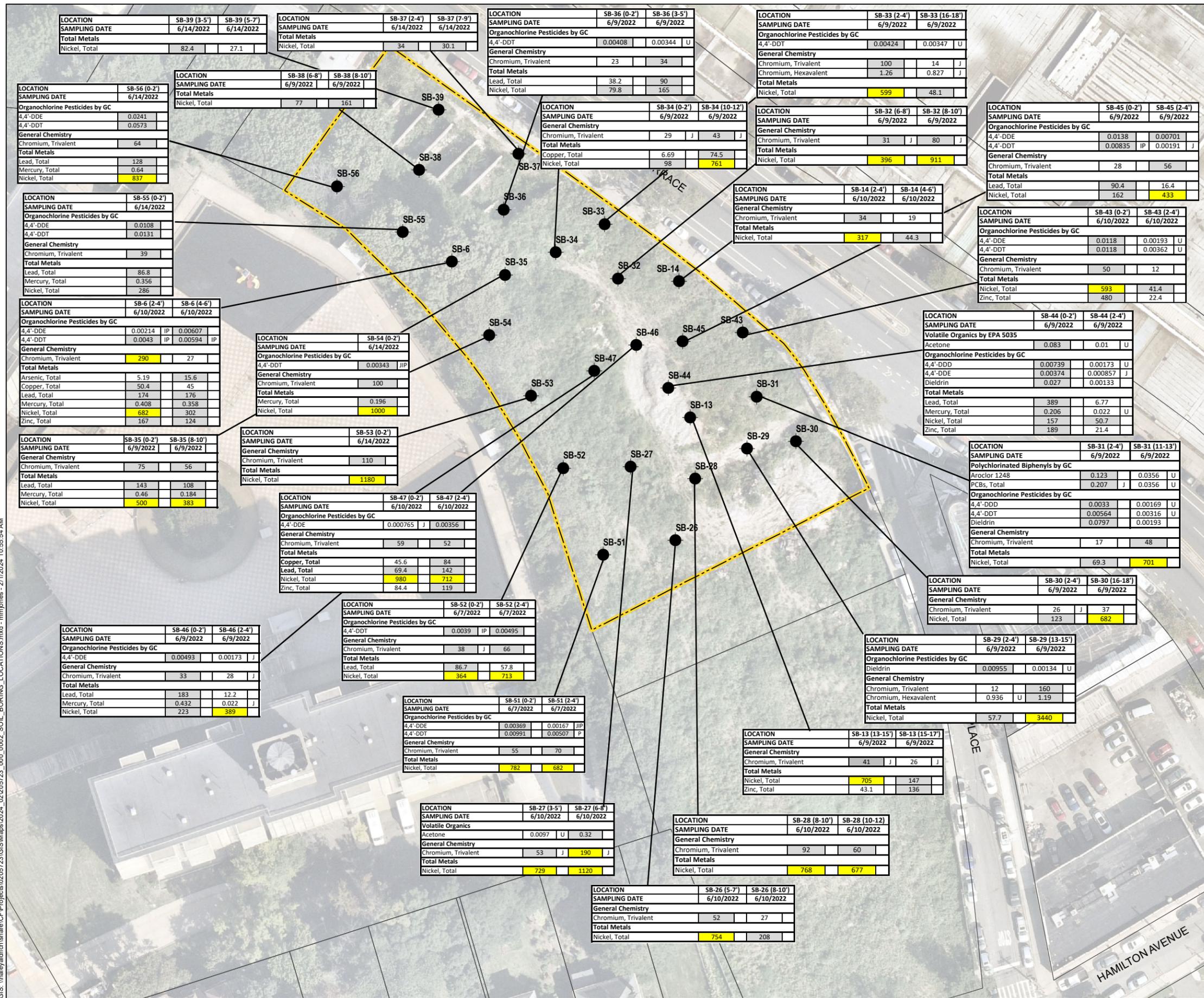
- Notes:
 1. NY-RESRR = NYSDEC Part 375 Restricted-Use Residential
 2. NY-UNRES = NYSDEC Part 375 Unrestricted Use SCO
 3. Exceedances of NY-RESRR are shaded yellow
 4. Exceedances of NY-UNRES are shaded gray
 5. U = Non-detect
 6. J = Estimated Value
 7. mg/kg = milligrams per kilogram

Table 4F. Remedial Investigation - Metals Analytical Results in Soil
River North Site
178, 194 Richmond Terrace 8 Stuyvesant Place, Staten Island, NY
BCP Site C243045

LOCATION	SB-51 (0-2')		SB-51 (2-4')		SB-52 (0-2')		SB-52 (2-4')		SB-53 (0-2')		SB-53 (2-4')		SB-54 (0-2')		SB-54 (2-4')		SB-55 (0-2')		SB-55 (2-4')		SB-56 (0-2')		SB-56 (2-4')		DUP-1 (0-2')		DUP-1 (2-4')		DUP-2 (0-2')		DUP-2 (2-4')		DUP-3 (0-2')		DUP-3 (2-4')		DUP-4 (0-2')		DUP-4 (2-4')		DUP-5 (0-2')		DUP-5 (2-4')	
SAMPLING DATE	6/7/2022		6/7/2022		6/7/2022		6/7/2022		6/14/2022		6/14/2022		6/14/2022		6/14/2022		6/14/2022		6/14/2022		6/14/2022		6/14/2022		6/9/2022		6/9/2022		6/9/2022		6/9/2022		6/9/2022		6/9/2022		6/9/2022		6/9/2022					
LAB SAMPLE ID	L2229886-09		L2229886-10		L2229886-11		L2229886-12		L2231549-05		L2231549-06		L2231549-07		L2231549-08		L2230668-21		L2230668-22		L2230668-23		L2230668-24		L2230668-25																			
SAMPLE TYPE	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL					
	NY-RESRR	NY-UNRES	Units	Results	Qual																																							
General Chemistry																																												
Chromium, Hexavalent	110	1	mg/kg	0.951	U	0.988	U	0.39	J	0.962	U	0.992	U	0.964	U	0.905	U	0.906	U	0.521	J	0.913	U	0.38	J	0.925	U	0.891	U															
Chromium, Trivalent	180	30	mg/kg	55		70		38	J	66		110		100		39		64		7.4	J	26		27	J	36		14																
Cyanide, Total	27	27	mg/kg	1.2	U	1.2	U	1.1	U	1.2	U	1.2	U	1.1	U	1.1	U	0.26	J	1	U	1.1	U	1.2	U	1.1	U	1	U															
Solids, Total			%	84.1		81		84.6		83.2		80.6		83		88.4		88.3		92.1		87.6		84.1		86.5		89.8																
Total Metals																																												
Aluminum, Total			mg/kg	4520		9850		6400		7210		2210		3430		7600		4420		2070		5190		6280		7490		3990																
Antimony, Total			mg/kg	4.53	U	4.64	U	4.5	U	4.58	U	1.24	J	1.16	J	0.928	J	1.69	J	4.09	U	4.46	U	4.62	U	4.34	U	4.3	U															
Arsenic, Total	16	13	mg/kg	4.79		6.34		5.6		6.14		2		2.71		6.28		4.63		1.88		6.61		4.83		3.61		2.63																
Barium, Total	400	350	mg/kg	38.2		59.8		50		58.9		38.6		55.6		67.3		64.1		17.5		120		44.7		64.6		20.4																
Beryllium, Total	72	7.2	mg/kg	0.317	J	0.483		0.396	J	0.421	J	0.104	J	0.206	J	0.494		0.309	J	0.155	J	0.259	J	0.351	J	0.599		0.198	J															
Cadmium, Total	4.3	2.5	mg/kg	0.372	J	0.344	J	0.342	J	0.375	J	0.618	J	0.61	J	0.572	J	0.628	J	0.106	J	0.678	J	0.203	J	0.338	J	0.103	J															
Calcium, Total			mg/kg	4020		2480		2040		2340		7200		10600		1990		5920		21600		21100		1160		1370		46000																
Chromium, Total			mg/kg	54.7		69.5		38.3		65.7		111		103		38.6		63.5		7.92		25.6		27.8		36.4		13.5																
Cobalt, Total			mg/kg	40.4		36.6		23		35.6		55.4		48.4		21.1		36.9		4.36		8.58		14.4		21		7.12																
Copper, Total	270	50	mg/kg	26.8		37.2		40.8		31.3		22.6		22.6		35.9		35.7		12.3		36		22.1		14.8		26.9																
Iron, Total			mg/kg	26500		30200		18800		26400		27300		27200		18200		23600		7820		15300		15500		19100		12300																
Lead, Total	400	63	mg/kg	56		50.2		86.7		57.8		47.3		58.7		86.8		128		188		49.5		11.1		11.7																		
Magnesium, Total			mg/kg	52100		36000		23300		38600		137000		109000		11000		50400		12800		9280		10900		6320		30500																
Manganese, Total	2000	1600	mg/kg	464		613		399		734		734		832		639		595		99.2		260		416		742		229																
Mercury, Total	0.81	0.18	mg/kg	0.077	J	0.065	J	0.094		0.081		0.108		0.196		0.356		0.64		0.057	J	0.266		0.091		0.073	U	0.052	J															
Nickel, Total	310	30	mg/kg	782		682		364		713		1180		1000		286		837		41.8		84.8		205		248		60.2																
Potassium, Total			mg/kg	597		3310		570		1240		398		470		495		1030		551		640		395		652		495																
Selenium, Total	180	3.9	mg/kg	1.81	U	1.86	U	1.8	U	1.83	U	0.666	J	0.432	J	0.408	J	1.77	U	1.64	U	0.312	J	1.85	U	1.74	U	1.72	U															
Silver, Total	180	2	mg/kg	0.906	U	0.929	U	0.9	U	0.915	U	0.951	U	0.939	U	0.868	U	0.884	U	0.818	U	0.892	U	0.924	U	0.868	U	0.86	U															
Sodium, Total			mg/kg	56.9	J	134	J	69	J	143	J	56.7	J	69.8	J	67.4	J	76.3	J	83.6	J	95.2	J	53.8	J	48.3	J	208																
Thallium, Total			mg/kg	1.81	U	1.86	U	1.8	U	1.83	U	1.9	U	1.88	U	1.74	U	1.77	U	1.64	U	1.78	U	1.85	U	1.74	U	1.72	U															
Vanadium, Total			mg/kg	24.7		42.3		27.5		29.1		11.3		15.5		25.6		19.3		18.1		20.4		20.6		23.2		37.5																
Zinc, Total	10000	109	mg/kg	66.4		88.1		77.1		66.9		83.2		83.4		81.4		102		19.6		281		50.1		157		27.7																

- Notes:
1. NY-RESRR = NYSDEC Part 375 Restricted-Use Residential
 2. NY-UNRES = NYSDEC Part 375 Unrestricted Use SCO
 3. Exceedances of NY-RESRR are shaded yellow
 4. Exceedances of NY-UNRES are shaded gray
 5. U = Non-detect
 6. J = Estimated Value
 7. mg/kg = milligrams per kilogram

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LEGEND

- SOIL BORING
- SITE BOUNDARY
- PARCEL BOUNDARY

Part 375 SCOs			
Analyte	NY-RESRR	NY-UNRES	Units
Organochlorine Pesticides by GC			
4,4'-DDE	8.9	0.0033	mg/kg
4,4'-DDT	7.9	0.0033	mg/kg
4,4'-DDD	13	0.0033	mg/kg
Dieldrin	0.2	0.005	mg/kg
General Chemistry			
Chromium, Hexavalent	110	1	mg/kg
Chromium, Trivalent	180	30	mg/kg
Polychlorinated Biphenyls by GC/MS			
Aroclor 1248	1	0.01	mg/kg
Aroclor 1254	1	0.1	mg/kg
Aroclor 1260	1	0.1	mg/kg
PCBs, Total	1	0.1	mg/kg
Total Metals			
Arsenic, Total	16	13	mg/kg
Copper, Total	270	50	mg/kg
Lead, Total	400	63	mg/kg
Mercury, Total	0.81	0.18	mg/kg
Nickel, Total	310	30	mg/kg
Zinc, Total	10000	109	mg/kg
Volatile Organics by EPA 5035			
Acetone	100	0.05	mg/kg

- NOTES**
- ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
 - ASSESSOR PARCEL DATA SOURCE: CITY OF NEW YORK
 - AERIAL IMAGERY SOURCE: NEARMAP, 5 SEPTEMBER 2023

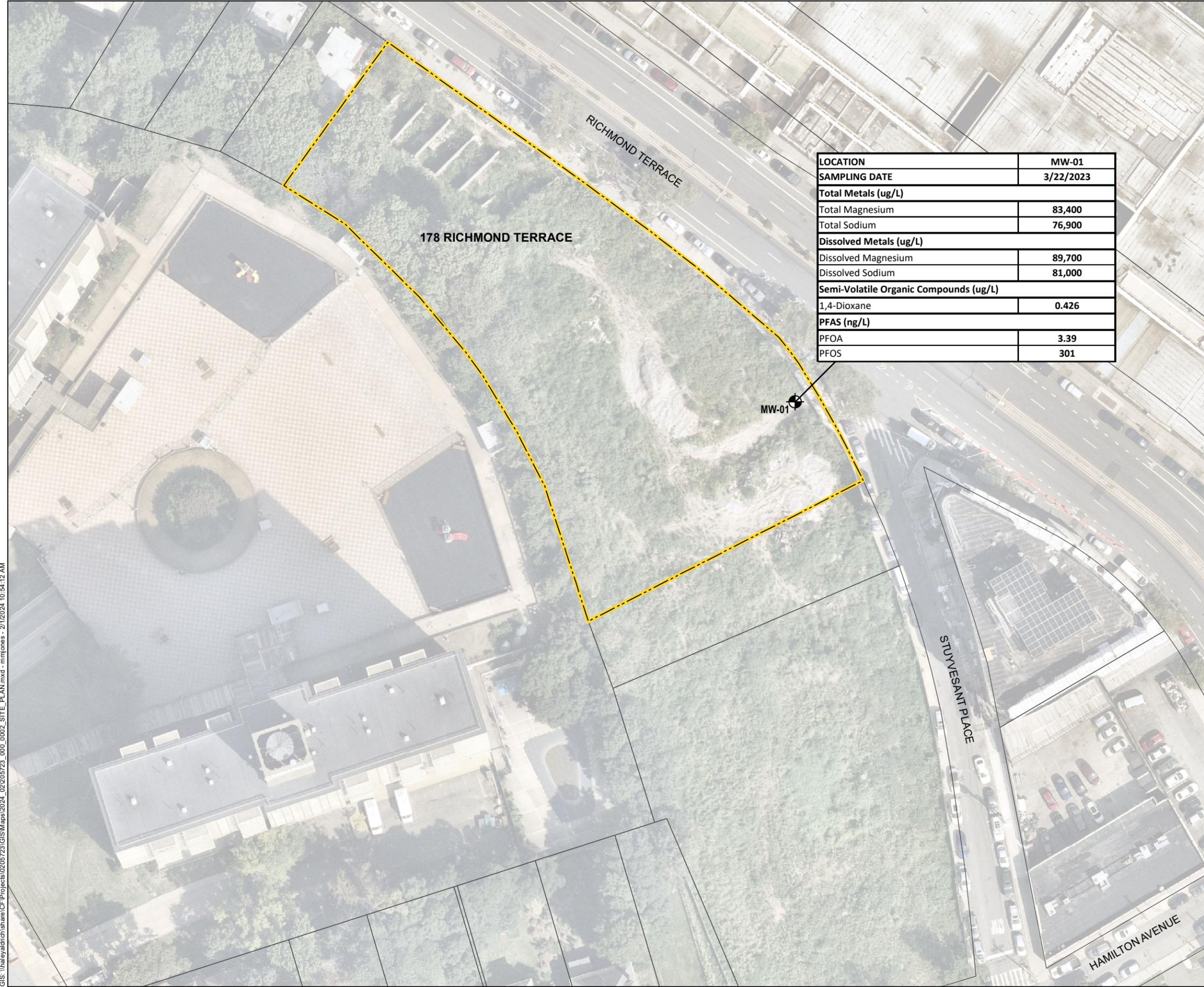


HALEY ALDRICH
 RIVER NORTH
 178 RICHMOND TERRACE
 STATEN ISLAND, NEW YORK

SOIL RESULTS EXCEEDANCE MAP

NOVEMBER 2025

FIGURE 3



LOCATION	MW-01
SAMPLING DATE	3/22/2023
Total Metals (ug/L)	
Total Magnesium	83,400
Total Sodium	76,900
Dissolved Metals (ug/L)	
Dissolved Magnesium	89,700
Dissolved Sodium	81,000
Semi-Volatile Organic Compounds (ug/L)	
1,4-Dioxane	0.426
PFAS (ng/L)	
PFOA	3.39
PFOS	301

LEGEND

-  SITE BOUNDARY
-  PARCEL BOUNDARY
-  BEDROCK GROUNDWATER MONITORING WELL LOCATION

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. ASSESSOR PARCEL DATA SOURCE: CITY OF NEW YORK
3. AERIAL IMAGERY SOURCE: NEARMAP, 5 SEPTEMBER 2023
4. GROUNDWATER ANALYTICAL RESULTS COMPARED TO NEW YORK TOGS 111 AMBIENT WATER QUALITY STANDARDS
5. EMERGING CONTAMINANTS PFOA/PFOS AND 1,4-DIOXANE COMPARED TO FEBRUARY 2023 NYSDEC GUIDANCE VALUES (NYSDEC GVs)
6. RESULTS INDICATED ALL EXCEED APPLICABLE STANDARDS (AWQS OR NYSDEC GVs)



RIVER NORTH
178 RICHMOND TERRACE
STATEN ISLAND, NEW YORK

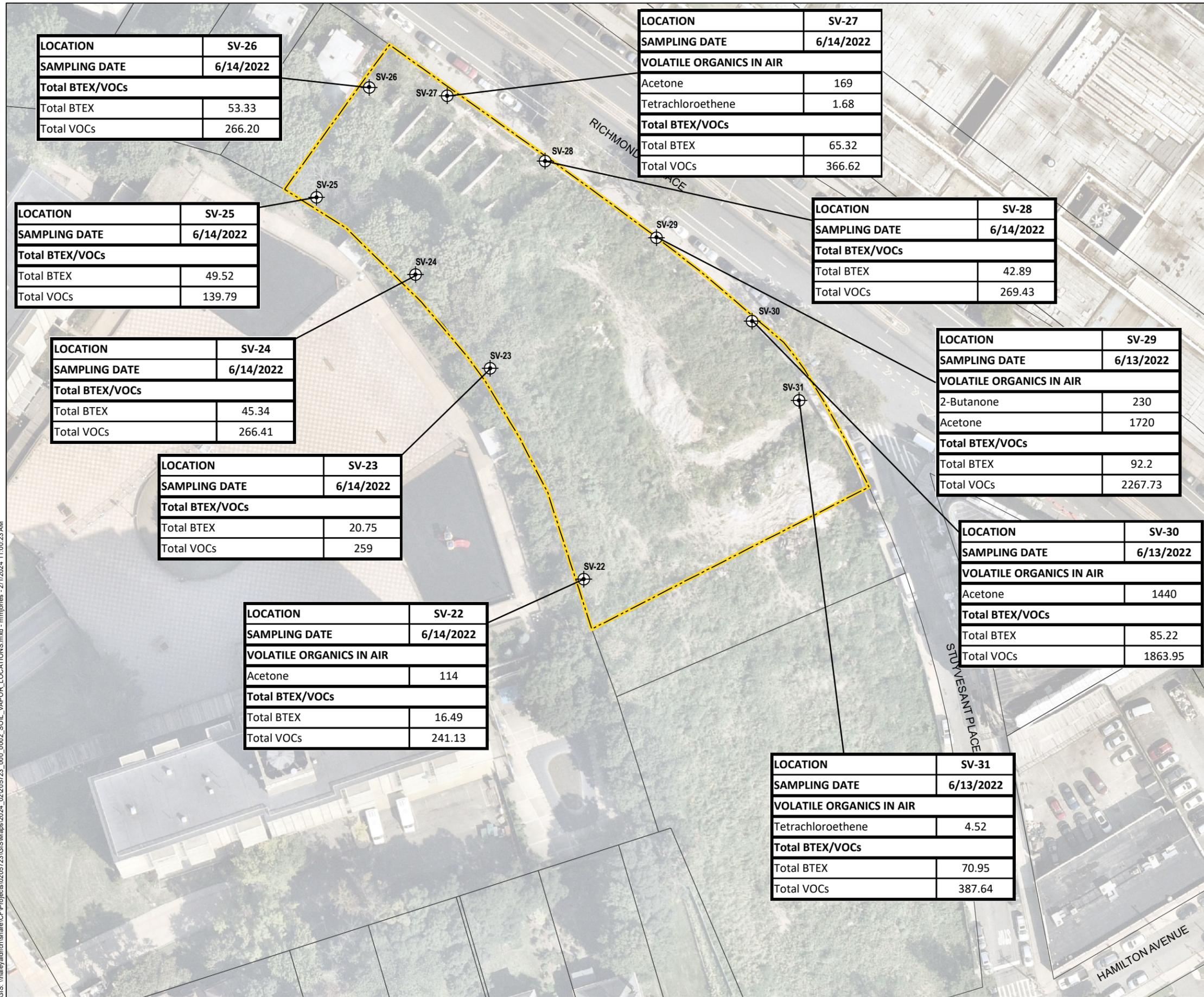
GROUNDWATER RESULTS EXCEEDANCE MAP

NOVEMBER 2025

FIGURE 4

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LOCATION	SV-26
SAMPLING DATE	6/14/2022
Total BTEX/VOCs	
Total BTEX	53.33
Total VOCs	266.20

LOCATION	SV-27
SAMPLING DATE	6/14/2022
VOLATILE ORGANICS IN AIR	
Acetone	169
Tetrachloroethene	1.68
Total BTEX/VOCs	
Total BTEX	65.32
Total VOCs	366.62

LOCATION	SV-25
SAMPLING DATE	6/14/2022
Total BTEX/VOCs	
Total BTEX	49.52
Total VOCs	139.79

LOCATION	SV-28
SAMPLING DATE	6/14/2022
Total BTEX/VOCs	
Total BTEX	42.89
Total VOCs	269.43

LOCATION	SV-24
SAMPLING DATE	6/14/2022
Total BTEX/VOCs	
Total BTEX	45.34
Total VOCs	266.41

LOCATION	SV-29
SAMPLING DATE	6/13/2022
VOLATILE ORGANICS IN AIR	
2-Butanone	230
Acetone	1720
Total BTEX/VOCs	
Total BTEX	92.2
Total VOCs	2267.73

LOCATION	SV-23
SAMPLING DATE	6/14/2022
Total BTEX/VOCs	
Total BTEX	20.75
Total VOCs	259

LOCATION	SV-30
SAMPLING DATE	6/13/2022
VOLATILE ORGANICS IN AIR	
Acetone	1440
Total BTEX/VOCs	
Total BTEX	85.22
Total VOCs	1863.95

LOCATION	SV-22
SAMPLING DATE	6/14/2022
VOLATILE ORGANICS IN AIR	
Acetone	114
Total BTEX/VOCs	
Total BTEX	16.49
Total VOCs	241.13

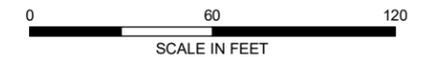
LOCATION	SV-31
SAMPLING DATE	6/13/2022
VOLATILE ORGANICS IN AIR	
Tetrachloroethene	4.52
Total BTEX/VOCs	
Total BTEX	70.95
Total VOCs	387.64

LEGEND

-  SOIL VAPOR SAMPLE LOCATION
-  SITE BOUNDARY
-  PARCEL BOUNDARY

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. ASSESSOR PARCEL DATA SOURCE: CITY OF NEW YORK
3. AERIAL IMAGERY SOURCE: NEARMAP, 5 SEPTEMBER 2023



HALEY ALDRICH RIVER NORTH
178 RICHMOND TERRACE
STATEN ISLAND, NEW YORK

SOIL VAPOR RESULTS SUMMARY MAP

NOVEMBER 2025

FIGURE 5

Exhibit J



Department of State

Division of Corporations

Entity Information

[Return to Results](#)

[Return to Search](#)

Entity Details ^

ENTITY NAME: STUYVESANT VCD LLC

DOS ID: 7686173

FOREIGN LEGAL NAME:

FICTITIOUS NAME:

ENTITY TYPE: DOMESTIC LIMITED LIABILITY COMPANY

DURATION DATE/LATEST DATE OF DISSOLUTION:

SECTION OF LAW: LIMITED LIABILITY COMPANY LAW - 203 LIMITED LIABILITY COMPANY LAW - LIMITED LIABILITY COMPANY LAW

ENTITY STATUS: ACTIVE

DATE OF INITIAL DOS FILING: 08/14/2025

REASON FOR STATUS:

EFFECTIVE DATE INITIAL FILING: 08/14/2025

INACTIVE DATE:

FOREIGN FORMATION DATE:

STATEMENT STATUS: CURRENT

COUNTY: NEW YORK

NEXT STATEMENT DUE DATE: 08/31/2027

JURISDICTION: NEW YORK, UNITED STATES

NFP CATEGORY:

[<](#) [ENTITY DISPLAY](#) [NAME HISTORY](#) [FILING HISTORY](#) [MERGER HISTORY](#) [ASSUMED NAME HISTORY](#)

Service of Process on the Secretary of State as Agent

The Post Office address to which the Secretary of State shall mail a copy of any process against the corporation served upon the Secretary of State by personal delivery:

Name: THE LLC

Address: 141 WEST 36TH STREET, 14TH FL., NEW YORK, NY, UNITED STATES, 10018

Electronic Service of Process on the Secretary of State as agent: Not Permitted

Chief Executive Officer's Name and Address

Name:

Address:

Principal Executive Office Address

Address:

Registered Agent Name and Address

Name:

Address:

Entity Primary Location Name and Address

Name:

Address:

Farmcorpflag

Is The Entity A Farm Corporation: NO

Stock Information

Share Value

Number Of Shares

Value Per Share

Exhibit K

**WRITTEN CONSENT
OF SOLE MEMBER**

The undersigned being the sole shareholder of PS66 Management Inc., which is the sole member of Stuyvesant VCD LLC, a New York limited liability company (the "Company"), pursuant to and in accordance with the provisions of the New York Limited Liability Company Act, hereby waives notice of a meeting and consents to and adopts the following resolutions:

RESOLVED, that the Company be, and it hereby is, authorized and directed to enter into, execute and deliver, all documents, agreements and instruments and to take any and all action necessary or desirable on behalf of, and for the benefit of, the Company to submit a Brownfield Cleanup Program ("BCP") Application, as a prospective volunteer, to the New York State Department of Environmental Conservation ("NYS DEC") for the prospective BCP site located at 8-20 Stuyvesant Place, Staten Island, New York 10301 (Block 13, Lot 100), to be known as River North II (the "BCP Site").

RESOLVED, that Peter Serpico, as the sole shareholder of PS66 Management Inc., which is the sole member of the Company, is authorized to sign on behalf of the Company, is authorized to execute any and all instruments and documents and to take any and all actions as he deems necessary or desirable to evidence, implement, secure and/or consummate the transactions as described above, including but not limited to the execution of a BCA with the State of New York by the NYS DEC and any and all future documents required in the Brownfield Cleanup Program including the environmental easement; and

RESOLVED, that all actions heretofore taken and all documents heretofore executed and all present and future actions taken in connection with the above and/or these resolutions, be, and they hereby are, ratified, confirmed and approved.



Peter Serpico, Sole Shareholder of
PS66 Management Inc., Sole Member of
Stuyvesant VCD LLC

Exhibit L

Site Contact List

River North II

8-20 Stuyvesant Place, Staten Island, New York 10301

Name	Title	Address	City	State	Zip
Charles Schumer	U.S. Senator	780 Third Avenue, Suite 2301	New York	NY	10017
Kiresten Gillibrand	U.S. Senator	780 Third Avenue, Suite 2601	New York	NY	10017
Nicole Malliotakis	U.S. House of Representatives	1698 Victory Boulevard, Suite 2L	Staten Island	NY	10314
Jessica Scarcella-Spanton	New York State Senator, 23rd District	36 Richmond Terrace, Suite 112	Staten Island	NY	10301
Charles D. Fall	NYS Asembly Member, 16th District	853 Forest Avenue	Staten Island	NY	10310
Kamillah Hanks	NYC Council Member, 49th District	130 Stuyvesant Place, 16th Floor, Room 602	Staten Island	NY	10301
Zohran K. Mamdani	Mayor of NYC	City Hall	New York	NY	10007
Shaminder Chawla	NYC Mayor's Office of Environmental Remediation, Director	100 Gold Street, 2nd Floor	New York	NY	10038
Dan Garodnick	NYC Planing Commission	120 Broadway, 31st Floor	New York	NY	10271
Rohit T. Aggarwala	NYC Department of Environmental Protection	59-17 Junction Boulevard, 13th Floor	Flushing	NY	11373
Paul Rush	NYC Department of Environmental Protection - Water Supply	59-17 Junction Boulevard, 13th Floor	Flushing	NY	11373
Vito J. Fossella	Staten Island Borough President	10 Richmon Terrace	Staten Island	NY	10301
Staten Island Advance	Media Outlet	1141 South Avenue, Suite 603	Staten Island	NY	10314
Robert Gibbs	St. George Library Center, Library Manager	5 Central Avenue	Staten Island	NY	10301
Joan Cusack	Staten Island Community Board No. 1	1 Edgewater Plaza, Suite 217	Staten Island	NY	10305
Hamin Hasweh	P.S. 059 - The Harbor View School	300 Richmond Terrace	Staten Island	NY	10301
Gregory Jaenicke	Curtis High School	105 Hamilton Avenue	Staten Island	NY	10301
Theresa Sciascia	The Richmond Per-K Center	120 Stuyvesant Place, 3rd Floor	Staten Island	NY	10301
Kristin McHugh	The Richard H. Hungerford School	290 St Marks Place	Staten Island	NY	10301
Gregory Bowen	Ralph R. McKee Career and Technical Education High School	101 Belmont Place	Staten Island	NY	10301
Ms. Angelica	The Learning Experience - Staten Island St. George	35A Bay Street	Staten Island	NY	10301
To Whom it May Concern	Alwayz 1.2.3. Early Learning Center, Inc.	80 Bay Street	Staten Island	NY	10301
Michele Ramos	P.S. 016 John J. Driscoll	195 Daniel Low Terrace	Staten Island	NY	10301
Susan Mazzeo	P.S. 74 Future Leaders Elementary School	211 Daniel Low Terrace	Staten Island	NY	10301
Daniel Singleton	P.S. 031 William T. Davis	55 Layton Avenue	Staten Island	NY	10301
Neelam Butt	Fantasy Daycare	194 Westervelt Avenue	Staten Island	NY	10301
Vivian Anderson	Tiny Safari Daycare	48 Layton Avenue	Staten Island	NY	10301
To Whom it May Concern	Magic House Daycare LLC	171 Harvard Avenue	Staten Island	NY	10301
Susan Brewer	Winter Ave Childcare, Inc.	23 Winter Avenue	Staten Island	NY	10301
To Whom it May Concern	Staten Island Early Childhood Center	467 St. Marks Place	Staten Island	NY	10301
Alejandra Fishbein	Alejandra Fishbein Daycare	116 Hendricks Ave	Staten Island	NY	10301
Castleton Preservation Housing Company, Inc.	Adjacent Property Owner of 165 St. Marks Place	110 William Street	New York	NY	10038
Richmond SI Owner 1 LLC	Adjacent Property Owner of 2 Stuyvesant Place	520 Madison Avenue, Room 3501	New York	NY	10022
Richmond SI Owner LLC	Adjacent Property Owner of 178 Richmond Terrace	520 Madison Avenue, Room 3501	New York	NY	10022
Richmond Group Capital LLC	Adjacent Property Owner of 160 Richmond Terrace	1308 Myrtle Avenue, Suite 4	Brooklyn	NY	11221
E & V Staten Island LLC	Adjacent Property Owner of 150 Richmond Terrace	581 Main Street, Suite 810	Woodbridge	NJ	07095
NYC Department of Citywide Administrative Services	Adjacent Property Owner of 10 Hamilton Avenue	1 Centre Street, Room 2000N	New York	NY	10007
36 Hamilton Ave Tenents Corp.	Adjacent Property Owner/Operator of 36 Hamilton Avenue	36 Hamilton Avenue	Staten Island	NY	10301
Hamilton Proerpty Holdings LLC	Adjacent Property Owner of 41 Hamilton Ave & 47 Hamilton Ave	41 Hamilton Avenue	Staten Island	NY	10301
United Cerebal Palsy	Adjacent Property Operator of 165 St. Marks Place	185 S. Marks Place	Staten Island	NY	10301
Live the Life You Want	Adjacent Property Operator of 165 St. Marks Place	185 S. Marks Place	Staten Island	NY	10301
Assembly of Believers Church	Adjacent Property Operator of 165 St. Marks Place	165 S. Marks Place	Staten Island	NY	10301
Staten Island Housing Authority	Adjacent Property Operator of 150 Richmond Terrace	140 Richmond Avenue	Staten Island	NY	10301

Exhibit M



2600 Innovation Square
100 South Clinton Avenue
Rochester, New York 14604
nyenvlaw.com

LINDA R. SHAW
ATTORNEY AT LAW

T 585.546.8430
C 585.414.3122
lshaw@nyenvlaw.com

November 18, 2025

VIA ELECTRONIC MAIL

Joan Cusack, District Manager
Linda Maffeo, Community Coordinator
Staten Island Community Board No. 1
1 Edgewater Plaza, Suite 217
Staten Island, New York 10305
jcusack@cb.nyc.gov
lmaffeo@cb.nyc.gov

RE: Brownfield Cleanup Program Application
Site Name: River North II
Site Address: 8-20 Stuyvesant Place, Staten Island, New York 10301

Dear Ms. Cusack:

We represent Stuyvesant VCD LLC in its anticipated Brownfield Cleanup Program application for the above-referenced site at 8-20 Stuyvesant Place, Staten Island, New York 10301. We respectfully request that the Community Board serve as a document repository for this project. It is a requirement of the NYS Department of Environmental Conservation that we supply them with a letter certifying that the local Community Board is willing and able to serve as a document repository for all documents pertaining to the cleanup of this property. To avoid significant use of your shelf space, all documents will be sent in CD format.

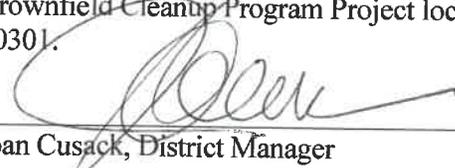
Please sign below and return the executed letter as an attachment to an email to my paralegal, Rebecca Owten, at rowten@nyenvlaw.com, if you are able to certify that the Staten Island Community Board No. 1 is willing and able to act as a temporary public repository for this Brownfield Cleanup Program Project.

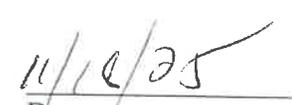
Sincerely,

KNAUF SHAW LLP


LINDA R. SHAW, ESQ.

The Staten Island Community Board No. 1 is willing and able to act as a document repository for the Brownfield Cleanup Program Project located at 8-20 Stuyvesant Place, Staten Island, New York 10301.


Joan Cusack, District Manager


Date



St. George Library Center
November 19, 2025
Page 1

VIA ELECTRONIC MAIL
stgeorge@nypl.org

Robert Gibbs, Library Manager
St. Goerge Library Center
New York Public Library
5 Central Avenue
Staten Island, New York 10301
robertgibbs@nypl.org

RE: Brownfield Cleanup Program Application
Site Name: River North II
Site Address: 8-20 Stuyvesant Place, Staten Island, New York 10301

Dear Mr. Gibbs:

We represent Stuyvesant VCD LLC in its anticipated Brownfield Cleanup Program (“BCP”) application for the above-referenced site at 8-20 Stuyvesant Place, Staten Island, New York 10301 (the “Site”). We respectfully request that the St. Goerge Library Center (the “Library”) serve as a document repository for this project. It is a requirement of the NYS Department of Environmental Conservation (“NYS DEC”) that we supply them with a letter certifying that the Library is willing and able to serve as a document repository for all documents pertaining to the cleanup of this property. The documents will be provided to the Library via the Dropbox link below. When the link is updated throughout the BCP process, an email will be sent to you, to inform you of the update and resend the link for convenience.

<https://www.dropbox.com/scl/fo/gozc5gdkomfl u7nkf83y9/AHAdHgHrr7Wpi-n9Mky2xTQ?rlkey=9bwwqk24c9412mdmz5v74rscd&st=pmwjti1f&dl=0>

The Library is required to act as a document repository throughout the entirety of the Site’s time in the program, until such time a Certificate of Completion is received from the NYS DEC for the Site. The Site is anticipated to receive its Certificate of Completion in December 2027; therefore, the Library will have to act as the document repository for the Site until December 31, 2027.

Please sign below and return the executed letter as an attachment to an email to my paralegal, Rebecca Owten, at rowten@nyenvlaw.com, if you are able to certify that the St. Goerge Library Center is willing and able to act as a temporary public repository for this Brownfield Cleanup Program Project.

Sincerely,

KNAUF SHAW LLP

LINDA R. SHAW, ESQ.



St. George Library Center
November 19, 2025
Page 2

The St. George Library Center is willing and able to act as a document repository for the Brownfield Cleanup Program Project located at 8-20 Stuyvesant Place, Staten Island, New York 10301.

Robert Gibbs

Robert Gibbs, Library Manager

11/19/2025

Date

Exhibit N

STATE OF NEW YORK)
) s.s.:
COUNTY OF NY)

**AFFIDAVIT IN SUPPORT OF APPLICATION FEE WAIVER FOR THE
RIVER NORTH II BROWNFIELD CLEANUP PROGRAM SITE**

Peter Serpico, being duly sworn, deposes and says:

1. I am the sole shareholder of PS66 Management Inc., which is the sole member of Stuyvesant VCD LLC (“Volunteer”), which has offices located at 141 West 36th Street, 14th Floor, New York, New York 10018 and which is the current volunteer entity for the prospective River North II Brownfield Cleanup Program (“BCP”) Site located at 8-20 Stuyvesant Place, Staten Island, New York 10301.

2. I submit this affidavit to request a waiver of the \$50,000.00 application fee because this is a 100% affordable housing project within the definition of 6 NYCRR Section 375.3.2(a).

3. The proposed project is set to create multi-story, mixed-use commercial and residential buildings in an identified Potential Environmental Justice Area of Staten Island with approximately twelve percent of the total population living below the poverty level and approximately eighty-eight percent of the total population being of a minority population.

4. As a developer of a primarily affordable housing project, there are limited upfront financial resources to fund the pre-development costs for a 100% affordable housing project such as this, which poses significant financial risk.

5. As a result, the application fee is a financial hardship to pay for a project with unknown future costs, which will be paid directly by the Volunteer.

6. The Volunteer was just recently created for the purpose of creating 100% affordable housing; therefore, it does not have any financial records to demonstrate hardship; moreover, due

to its recent formation, the Volunteer does not have any financial resources yet to fund such a high application fee.

7. I declare under penalty of perjury that the foregoing is true and correct.

Executed: November 19, 2025


Peter Serpico

Sworn to this 19th day
of November, 2025


Notary Public

